

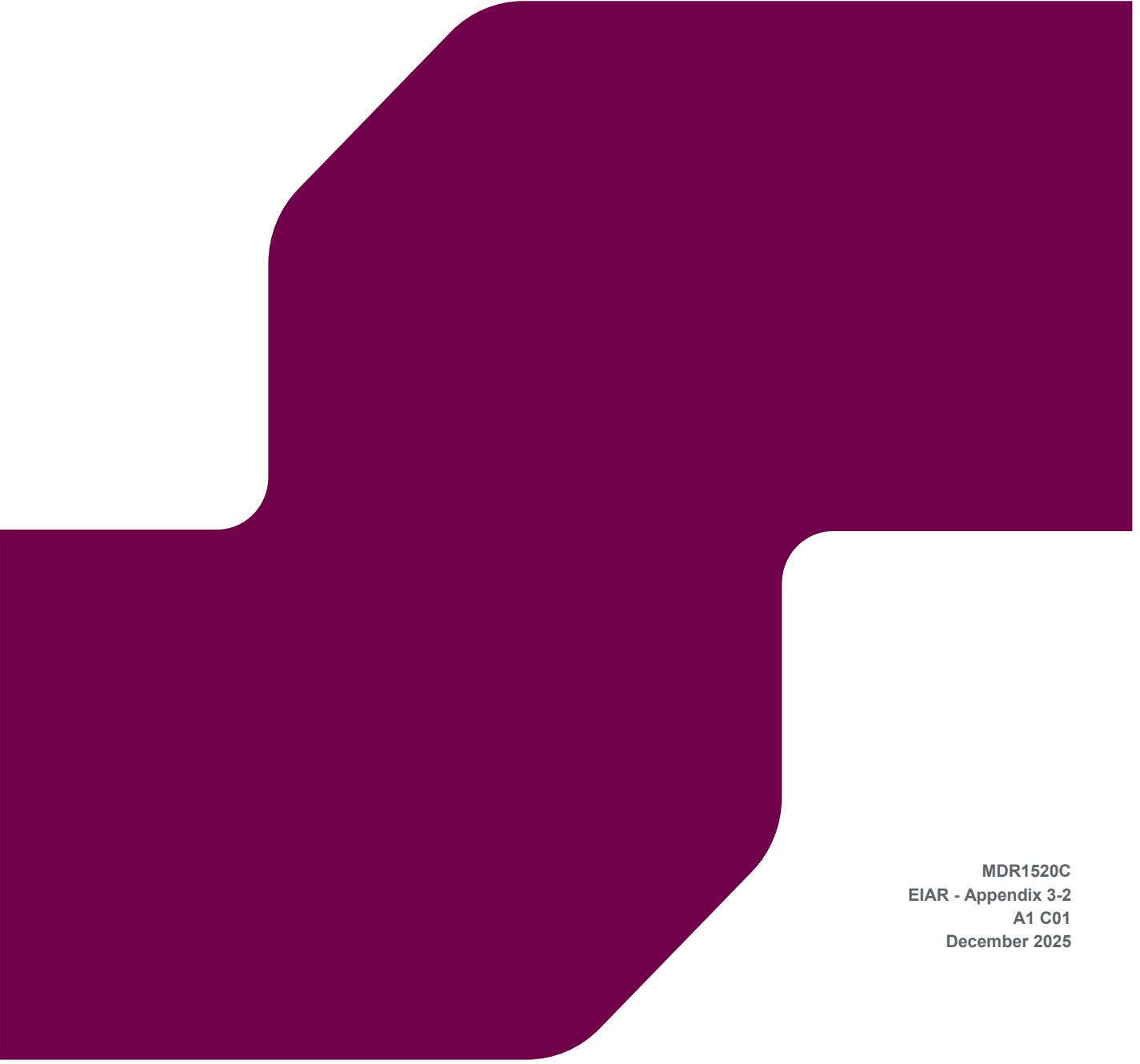
# Appendix 3-2: Cumulative Impact Assessment Report





# ORIEL WIND FARM PROJECT

Environmental Impact Assessment Report – Addendum  
Appendix 3-2: Cumulative Impact Assessment Report



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## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

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### 1 INTRODUCTION

This Addendum provides information to supplement the assessment of cumulative effects presented in the Environmental Impact Assessment Report (EIAR, 2024) for the Oriel Wind Farm Project (hereafter referred to as “the Project”). It has been prepared in response to a Request for Further Information (RFI) from An Coimisiún Pleanála (ACP) (formerly An Bord Pleanála) regarding the planning application (case reference ABP-319799-24) for the Project.

The assessment of cumulative effects is provided in the specialist chapters presented in EIAR volume 2B and 2C. A Cumulative Impact Assessment (CIA) Screening Annex is included in appendix 3-1 of volume 2A and it sets out the approach taken for the identification of other projects which the Project may interact to produce a cumulative impact.

Since the Applicant submitted the application, new or amended assessment materials have been published for projects that were included in the CIA and information has been published on new projects. This report presents an updated CIA that takes those new or amended projects into account. The report concludes whether the new information would alter the conclusions of the CIA in the EIAR.

This report presents an update to the CIA as requested by RFI 5. Table 1-1 outlines the specific information requested according to the referencing used in the ‘Schedule-Further Information Request’ provided by ACP. It also indicates where the corresponding information / responses can be found within this report.

The reader is directed to review the information presented in this report alongside the following documents in the EIAR (2024):

- Appendix 3-1: CIA Screening Annex (EIAR volume 2A); and
- Cumulative Impact Assessment (CIA) presented in subsection 11 of each chapter (e.g. 10.11) in the specialist assessments provided in EIAR volume 2B and 2C.

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Table 1-1: Further information requested on Cumulative Impact and details on Applicant's response,

Reference	Request for Further Information	Response / Reference to where information is presented	Concluding statement
<b>Cumulative Impact</b>			
5.	<p>The Board notes that cumulative assessment is addressed under each topic-specific chapter in the EIAR and addressed within EIAR Appendix 3-1: Cumulative Impact Assessment Screening Annex and Chapter 32 which deals with Interactions.</p> <p>The Marine Institute in its submission, includes commentary on the approach to cumulative effects assessment, and while there is no Irish standard methodology in relation to CEA, the Board notes that the applicant has followed the staged approach as outlined in Planning Inspectorate (PINS) (2019) Advice Note 17: Cumulative Effects Assessment Relevant to Nationally Significant Infrastructure Projects. It is advised that this Advice Note Version 2 was updated in September 2024, <a href="#">Nationally Significant Infrastructure Projects: Advice on Cumulative Effects Assessment - GOV.UK (NSIP, 2024)</a>.</p>	<p>n/a</p> <p>The Applicant has reviewed the advice note version 2 (updated in September 2024) and notes the following main changes.</p> <ul style="list-style-type: none"> <li>• The core principles remain consistent in terms of the approach to screening and assessing projects i.e. establishing long and short lists of projects, information gathering and assessment.</li> <li>• The 2024 advice note refers to defining Zone of Influence (ZoI) for each environmental aspect.</li> <li>• The 2024 advice note states that the assessment should be proportionate and no longer than necessary to identify and assess likely significant cumulative effects. It also states a precautionary but reasonable approach should be taken.</li> <li>• The 2024 advice note recommends that the CEA must be started early in project stages and be iterative at key milestones and integrated into the project design.</li> <li>• Re: mitigation, the 2024 advice note highlights that applicants should consider opportunities to develop holistic mitigation strategies in collaboration with other relevant bodies.</li> </ul>	<p>n/a</p> <p>The Applicant has considered the 2024 advice note in completing the updated CIA included in this report. The templates included in Annex 1 and 2 have been used to inform the assessment. Tiers have been assigned to the projects listed in Annex 1 and 2 to identify project certainty. ZoIs were also established for each environmental aspect (using GIS). Collaboration with other offshore wind farm developers in the Irish Sea has been ongoing and shared mitigation and monitoring requirements have been discussed e.g. developing a piling schedule to avoid concurrent piling with projects and implementation of monitoring programme (with agreed terms of reference) (see appendix 5-16: Monitoring Programme (EIAR volume 2A Addendum)). Overall the approach and methodology developed to establishing the projects for assessment and the cumulative assessment presented in the EIAR (2024) largely follows the principles in the 2024 advice note.</p>
	<p>Following the submission of other Irish Sea Phase 1 ORE projects for planning consent, (Arklow WF (ABP-319864-24), NISA WF (ABP-319866-24), Codling Wind Park (ABP-320768-24), and Dublin Array (ABP-321992-25)), the applicant is requested to update the CIA as appropriate and confirm that the Irish Sea Phase 1 ORE projects are assessed as Tier 1 (“Other existing and, or approved development submitted applications</p>	<p>The CIA has been updated and the results are included in this report.</p> <p>The Applicant confirms that the other Irish Sea Phase 1 ORE projects have been assessed as Tier 1 i.e. with the highest level of certainty. The Applicant also highlights that the same certainty was applied to the CIA in the EIAR.</p>	<p>The updated CIA (presented in section 3 of this report) has not resulted in any significant changes to the conclusions on cumulative impact assessment presented in the EIAR.</p>

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Reference	Request for Further Information	Response / Reference to where information is presented	Concluding statement
	<p>under the Planning Acting or other regimes but not yet determined"), and all other relevant developments in the International Council for the Exploration of the Sea (ICES) Celtic Sea and Greater North Sea ecoregions as appropriate. It is further requested that the applicant confirm that the now published documentation has been fully incorporated into the cumulative impact assessment. Any updates to the CIA, and in the interest of consistency and transparency, are requested be presented in a standalone document, and in accordance with the templates provided in the NSIPS guidance, namely "Appendix 1: Matrix 1 – Identification of 'other development' for CEA" and "Appendix 2: Matrix 1 – Assessment matrix" (see attached Appendix B).</p> <p>The applicant is requested to update the application documentation, if necessary and where relevant.</p> <p>In the interests of comprehensiveness and for ease of reference, the applicant is encouraged to liaise with the other Irish Sea Phase 1 ORE Project applicants in the preparation of the above assessment and drafting of the tables attached in Appendix B.</p>	<p>The Zol used for each specialist topic is described in appendix 3-1: CIA Screening Annex and in each of the topic assessment chapters in EIAR volume 2B and 2C along with the reasons for selecting the Zol.</p> <p>This report forms the standalone document. It provides an updated cumulative assessment on the projects considered in the EIAR.</p>	
		<p>The Applicant continued engagement with the other Irish Sea Phase 1 ORE Project applicants post receipt of the RFI. The applicants discussed the approach to updating the cumulative assessment and sharing of information relevant to the topic assessments.</p>	<p>The Applicant has updated the CIA using published available data. Engagement with the other Irish Sea Phase 1 ORE Project applicants has also informed the updated assessment.</p>

## 2 METHODOLOGY

The methodology followed for this updated CIA report is aligned with the Planning Inspectorate Guidance on Nationally Significant Infrastructure Projects: Advice on Cumulative Effects Assessment (Planning Inspectorate, 2024).

Previously, information on projects, activities and plans was compiled in August 2023 and January 2024 from publicly available sources as outlined in appendix 3-1: CIA Screening Annex (EIAR volume 2A). Information on the other Phase 1 projects was compiled following engagement with the other developers between August 2022 and early 2024.

Since the application was submitted in May 2024, new projects and activities not previously considered in the CIA have entered the public domain either as part of a consent application or the publication of an EIA scoping report. In addition, new or updated assessment material (e.g. EIAR, NIS, AA screening) or a change in a project status (e.g. from planning to consent) has been published relating to projects, activities and plans previously considered in the assessment of cumulative / in combination effects.

The purpose of this document is to present an updated list of projects to be considered in the assessment of cumulative effects. To inform the updated assessment, the Applicant has completed the following:

- a review of updated information on the projects and activities considered in the EIAR to determine if the updated information could change the conclusions of the assessments presented in the application (see lists of updated projects in Annex 1A). The review of project information was undertaken in January 2025 and a further review was undertaken again in November 2025;
- the completion of an updated screening of new projects and activities in accordance with the methodology set out in appendix 3-1 of the EIAR to consider if there is potential for additional cumulative effects to arise (see lists of new projects Annex 1B). The search for new projects was undertaken in January 2025 and a further search of key projects (that are likely to result in cumulative effects) was undertaken in November 2025; and
- an update of the cumulative impact assessments for each topic and conclusion if there is a change to the CIA conclusions (see section 3).

The following sections provide details on the staged approach to completing these updates, details of which are provided in Annex 1A (list of updated projects) and 1B (list of new projects).

### 2.1 Identification of new project information

An update to the lists of projects presented in Annex 1.1- Annex 1.6 in appendix 3-1: CIA Screening Annex (EIAR volume 2A) was completed based on publicly available information made on project or government websites (see Table 1-2 and Table 1-4 for data sources in appendix 3-1: CIA Screening Annex). In addition to these sources, searches were undertaken of MARA website for applications and determinations of Maritime Area Consents (MACs) and applications and determinations of Maritime Usage Licences (MULs)<sup>1</sup>. This website was not available previously when the list of projects was compiled in appendix 3-1: CIA Screening Annex (EIAR volume 2A).

The update consists of including changes to existing projects on the lists in Annex 1.1- Annex 1.6 in appendix 3-1: CIA Screening Annex (EIAR volume 2A) as well as creating a new list for additional projects published since these lists were prepared (in August 2023).

<sup>1</sup> The definitions used to describe the status of projects in the offshore and onshore lists are described in Table 2-1 in appendix 3-1: CIA Screening Annex. Three new definitions have been included with the inclusion of MARA projects as follows

<b>MAC Consent (Application)</b>	Project has made an application for a MAC consent
<b>MUL</b>	Project has been granted a Maritime Usage Licence (MUL)
<b>MUL (Application)</b>	Project has made an application for a MUL

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Projects that were identified as having substantial additional assessment material published since the Project CIA was produced are included in Matrix 1 (see Annex 1A). Substantial assessment material includes:

- Projects where the status of the project changed, for example from submitted for planning to consented (or from pre-application to planning);
- Other new information has become available that could potentially lead to a change in the assessment conclusions of the Project CIA e.g. an EIAR is now published; and
- New projects not considered in the Project CIA which have been identified in the screening process.

Minor updates to existing projects which did not constitute substantial assessment material (for example, updates to project names, project developers, etc.) have not been considered.

## 2.2 Topic screening of new project information

Updated or new project information has been screened on a topic-by-topic basis to identify projects to be taken forward for the updated CIA provided in section 3 of this report.

### 2.2.1 Updated projects

The screening process for updated projects is outlined in Figure 2-1 and described below:

- Updated projects were identified through review of the lists of projects presented Annex 1.1- Annex 1.6 in appendix 3-1: CIA Screening Annex and are presented in stage 1 in Matrix 1 included in Annex 1A.
- The screening considered the updated project information for any changes in spatial and temporal overlap and if the project was relevant to the assessment for that topic (considering the criteria in Table 1–6: Screening criteria for cumulative impact assessment in appendix 3-1: CIA Screening Annex) (stage 2 in Matrix 1).
- The updated information was reviewed to determine if this could result in any change to the cumulative assessment for each impact compared to that assessed in the Project CIA. Where a change/update was identified, the screening considered whether the change could lead to an increase in the impacts assessed for each topic compared to that assessed in the Project CIA. Where there is potential for an increase in potential effects, the updated information was examined (in Matrix 2) to determine if it could alter the conclusions of the CIA (and in-combination assessment) presented in the application. Projects which have no potential to result in any change were screened out of the CIA review i.e. not considered for stage 3/4 in Matrix 2).

The results of the screening process for updated projects are presented in Matrix 1 ‘updated projects’ for each topic.

### 2.2.2 New projects

The screening process for new projects is outlined in Figure 2-2 and described below:

- New projects are identified through completion of a search of consent applications and any other available sources to identify projects and activities falling within the defined Zol (stage 1 in Matrix 1 included in Annex 1B). Projects beyond the Zol were screened out of the CIA review.
- Information was screened to identify whether there is spatial or temporal overlap between the Project and the Project for each topic (i.e. a physical effect-receptor pathway) (stage 2 in Matrix 1).
- The screening considered the scale and nature of the project and whether the new project information was relevant to the assessment for that topic (considering the criteria in Table 1–6: Screening criteria for cumulative impact assessment in appendix 3-1: CIA Screening Annex (EIAR volume 2A)). Where a potential cumulative effect exists, projects were screened into the CIA review (stage 2 in Matrix 1).
- The screening then considered whether the new project information could lead to an increase in the impacts assessed for each topic compared to that which has been assessed in the Project CIA (in Matrix 2 and section 3 of this report); and if the new project information could alter the conclusions of the CIA presented in the application. Projects which had no potential to result in any change were screened out of the CIA review (i.e. not considered for stage 3/4 in Matrix 2).

The results of the screening process for new projects are presented in Matrix 1 ‘new projects’ for each topic.

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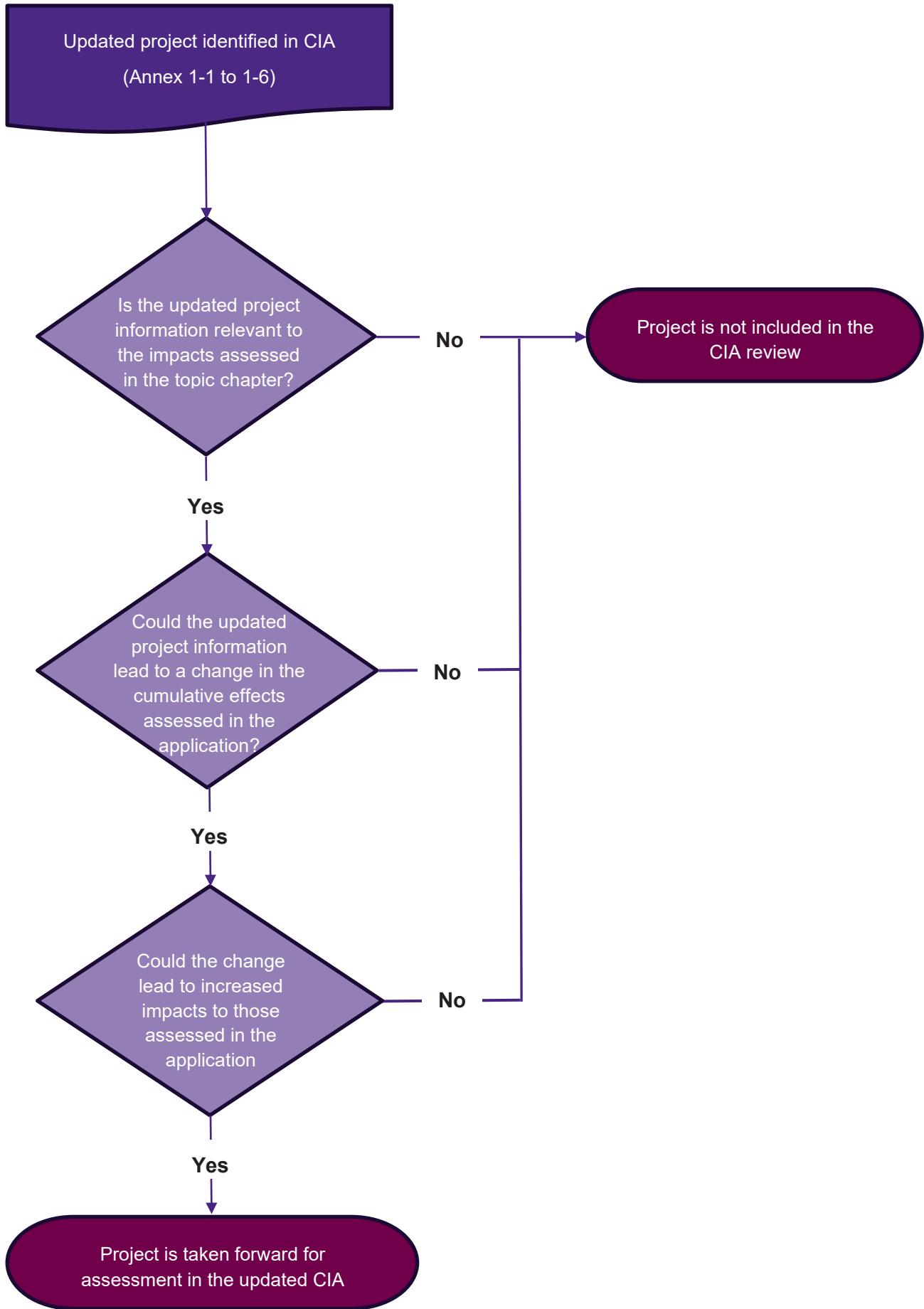


Figure 2-1: Flow chart for CIA screening process (Updated projects).

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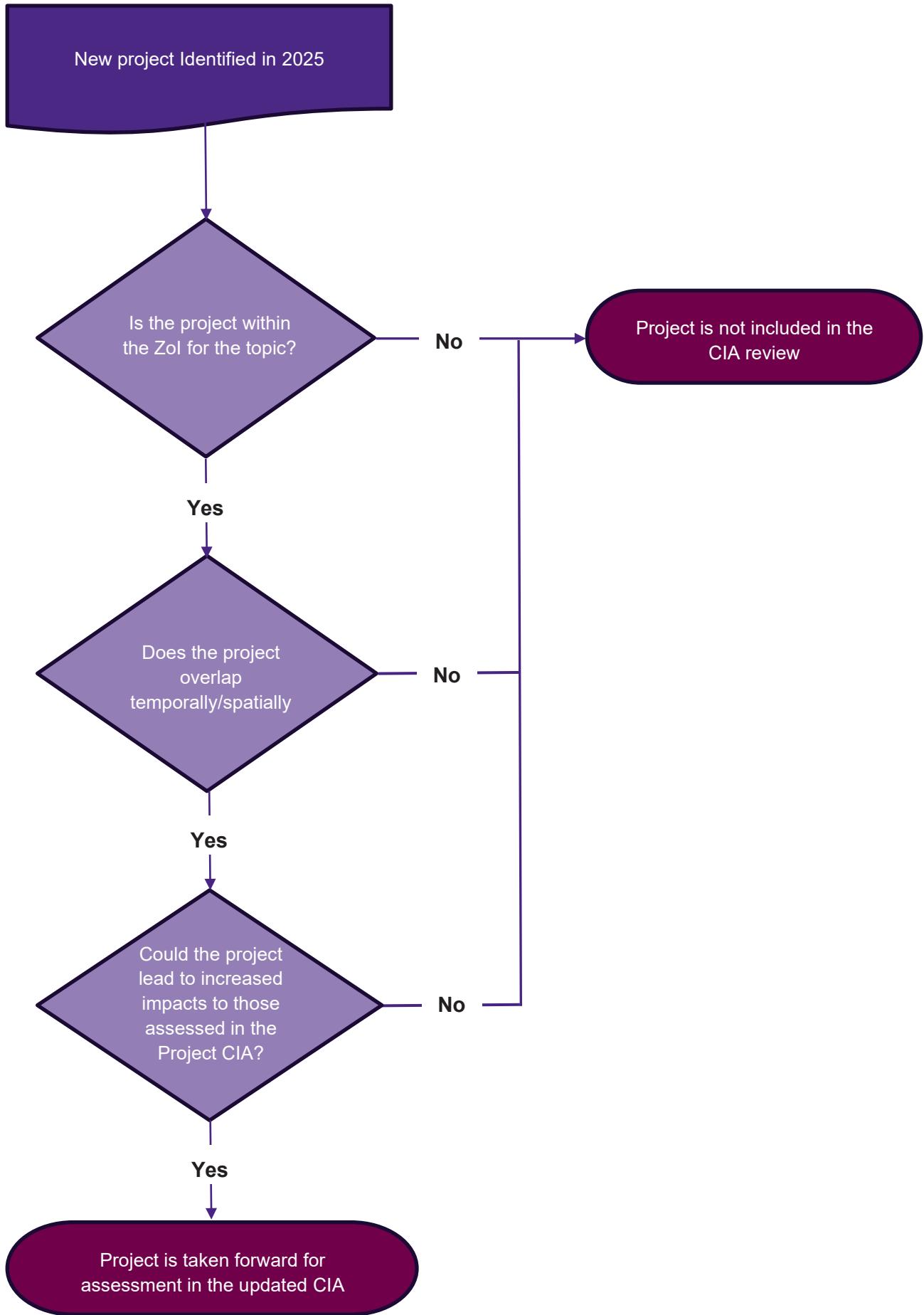


Figure 2-2: Flow chart for CIA screening process (New projects).

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Two separate lists of projects, which have been reviewed for potential cumulative effects are provided in Matrix 1 in Annex 1A and Annex 1B as follows:

- List of updated projects (these projects were considered in the application (2024) but further information is available for consideration in the updated CIA); and
- List of new projects (not considered in the application (2024)).

List are provided by topic e.g. marine processes, offshore ornithology, onshore biodiversity.

### 2.2.3 Key assumptions

Using the same approach to shortlist projects as outlined in appendix 3-1: CIA Screening Annex, the Stage 1 list of projects was screened in accordance with the following key assumptions in order to provide a stage 3/4 list. This is included in Matrix 1.

- **Temporal scope:** The expected programme for construction has been extended to what was considered in the CIA in the EIAR. The following timelines have been used in the updated screening:
  - The earliest possible construction commencement date of Q2 2028 has been assumed for the Project.
    - Offshore construction is assumed to commence in Q4 2028 for approximately 15 months. Therefore, projects screened into Stage 2 with a licence/lease that expires before the end of 2027, were screened out / excluded on the basis of no temporal overlap with the Project (see columns titled 'Temporal overlap' on stage 1 list) on precautionary basis.
    - Onshore construction is assumed to commence in Q2 2028 for approximately 27 months.
  - Operation to commence in Q2 2030.
- **Scale and nature of development:** All pre application projects (early concept) were screened out due to uncertainty and the limited available information on the project (including programme) to allow a cumulative assessment to be undertaken; and
- **Other factors:**
  - For the updated list of projects, the updated information was examined to understand if the updates were:
    - Relevant to the impacts considered for each topic; and
    - If relevant, do the updates lead to increased impact to those impacts assessed.
  - For the new list of projects, if there was spatial/temporal overlap and potential for likely significant effects because of the scale and nature of the development, the project was screened in for assessment in stage 3/4

Matrix 1 (Annex 1A and Annex 1B) provides the results of the screening exercise carried out to determine if a project is taken forward into the updated CIA (stages 3/4), as per the process described Figure 2-1 and Figure 2-2.

### 2.3 Information gathering and assessment

Projects shown in green in column titled 'Progress to Stage 3/4' in both the updated list of projects and the new list of projects are assessed in the updated CIA in the sub-sections below. Justification is provided for all projects screened out of the CIA review in Matrix 1 in accordance with criteria included in Table 1–6: Screening criteria for cumulative impact assessment (in appendix 3-1: CIA Screening Annex) and also considering the extent of new information available as outlined above. This includes examining if the project updates are relevant to the impacts considered for this topic and if so, do they have the potential to lead to increased impacts to those assessed in the EIAR. All projects screened into stage 3/4 (as indicated in green in the last column in Matrix 1) were brought through for further assessment by each of the topic specialists. This involved gathering and examining the further available published information on impact assessments, project details etc. and completing an updated CIA, which is presented in section 3 of this report.

### 3 UPDATED CUMULATIVE IMPACT ASSESSMENT

The following subsections provide an updated CIA for those topics where new or updated projects were screened in for further assessment.

To assist the reader in understanding the changes in projects considered, an updated table which identifies the ‘List of other projects considered within the CIA’ (provided in the EIAR chapters in volume 2B and 2C) is provided for each assessment. Project changes are shown in blue / strikethrough text and new projects are shown in blue text. Projects that were listed in the EIAR (2024), which are shown in strikethrough text in section 3, have been screened out of the CIA as they no longer have potential for significant cumulative effect (see Annex 1A for further details on projects which were screened out).

There were no changes to the following topics assessed in EIAR volume 2B for the reasons set out below:

- Aviation, Military, and Communications - As impacts on aviation were scoped out, there is no potential for cumulative effects. No new or updated projects were screened into the Zol for communications as no projects were located within the 1 km study area.
- Marine Archaeology - There were no updated or new projects within the Zol for marine archaeology.

There were no changes to the following topics included in EIAR volume 2C for the reasons set out below:

- Land and Agriculture – There were no updated or new projects within the Zol for land and agriculture.
- Hydrology and Flood Risk - There were no updated or new projects within the Zol for hydrology.
- Air quality – There were no updated or new projects within the Zol for air quality.
- Cultural Heritage – There were no updated or new projects within the Zol for cultural heritage. However, see appendix 27-2: World Heritage Site Assessment for details which provides an additional cumulative assessment on the Brú na Bóinne UNESCO site. It concludes that there is no cumulative pathway through which the Project, either alone or in combination with other offshore developments, could affect the Outstanding Universal Value of the World Heritage Site.
- Material Assets– There were no updated or new projects within the Zol for material assets.
- Resource and Waste Management – There were no updated or new projects within the Zol for resource and waste management.

Updated and new projects were screened for the following onshore topics, but no projects were screened in for the updated CIA (i.e. for assessment for inclusion in section 3 of this report) for the reasons below.

- Onshore Biodiversity – A number of projects were screened for potential cumulative impacts with the Project but none were brought for further assessment.
- Soils, Geology and Hydrogeology – one project was screened into the Zol however it was determined to not have potential for cumulative impacts with the Project and so was not brought for further assessment.
- Airborne Noise and Vibration – The one survey project that was screened in for CIA in the EIAR is now noted as withdrawn by the developer and therefore no projects screen in for CIA for this topic. Chapter 25: Airborne Noise and Vibration predicted no significant effects and the updated screening amends this to no potential for cumulative effects.
- Traffic and Transport – A number of projects were screened for potential cumulative impacts with the Project but none were brought for further assessment.
- Population and Human Health – A number of projects were screened for potential cumulative impacts relating to population with the Project, but none were brought for further assessment. As the cumulative impact assessment for human health is informed by the conclusions set out in other assessments (see chapter 18: Population and Human Health (EIAR volume 2C), and since there has been no change to the conclusions of the updated cumulative assessments for these topics, there is no change to the conclusion of the cumulative assessment for population and human health.
- Seascape, Landscape and Visual Amenity – Further screening of projects in proximity to the proposed onshore substation and the underground cable route has been undertaken. It is considered that none of the identified projects will alter the findings of the SLVIA Cumulative Assessment as the proposed development identified are either located within the built form of Ardee or have no cumulative visual

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effect due to screening provided by intervening topographical changes or landscape features. In response to RFI 12.B, a review of the cumulative impact of the Project on the Boyne Valley is provided in section 3.10.2.

Matrix 2 in Annex 2 provides an overall summary of updated CIAs described in this section. Due to the level of additional information provided in the updated CIAs, the Applicant has presented the details on the updated CIAs in section 3 of this report to facilitate the reader and allow cross referencing to the list of projects presented in the topic assessments in EIAR volume 2B and 2C. As outlined above, changes from the projects presented in the EIAR (2024) are shown in blue / strikethrough text and all new projects included in the assessment are shown in blue text.

The assessment presented in section titled 'updated CIA' provides an update on the assessments presented in the EIAR. This update should be read alongside the cumulative impact assessment in the EIAR.

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## 3.1 Marine Processes

## 3.1.1 Updated list of projects

The projects screened into the CIA for Marine Processes are outlined in Table 3-1. The locations of screened in projects in relation to the Project are illustrated in Figure 3-1.

**Table 3-1: Updated list of other projects considered within the CIA for Marine Processes\*.**

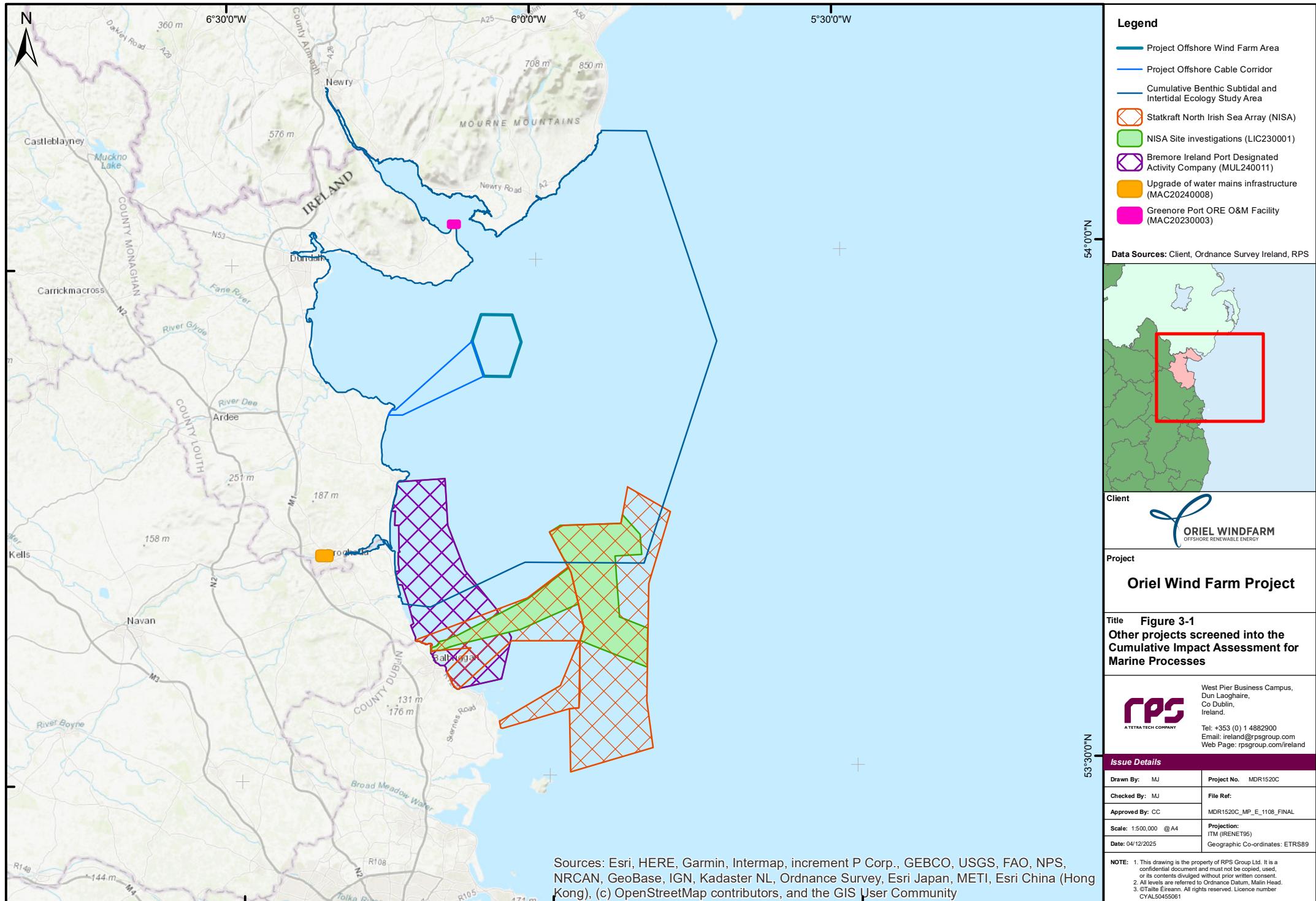
Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
North Irish Sea Array (NISA)	Maritime Area Consent; Planning	16.2	18.1	<p><del>EIA Scoping Report (2021) refers to the construction of an offshore wind farm of up to 500 MW, consisting of 36 turbines with a maximum height of 320 m and rotor diameter of up to 290 m. Offshore substation platforms may be required.</del></p> <p><del>EIAR (2024) details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276 m. One offshore substation is required. The proposed export capacity is 700 MW<sup>2</sup></del></p>	<p><del>Unknown</del></p> <p><del>Estimated 2027-2030</del></p>	<p><del>Unknown</del></p> <p><del>(Design life minimum 35 years)</del></p> <p><del>Estimated commencement in 2030</del></p>	Screened in due to potential for construction and operational phase to coincide with the construction and/or operational and maintenance phases of the Project. Potential cumulative impact to sediment concentration/transport and pollution from accidental spills/contaminants.
Greenore Port Project	MAC received and	9.9	12.4	EIAR (2024) details the construction of an ORE O&M Facility at Greenore Port as a support base for three offshore	3 years estimated 2025 to 2028	60 years	Screened in due to potential for construction and operational phase to coincide with the construction and/or operational and maintenance

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

<sup>2</sup> <https://northirishseaarraysid.ie/>

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
	Planning consented			windfarms on the East Coast of Ireland. It will require a pontoon to accommodate Crew Transfer Vessels. Dredging within the nearshore and the construction of a new quay wall is also required.			phases of the Project. Potential cumulative impact to sediment concentration/transport and pollution from accidental spills/contaminants.
Bremore Ireland Port Designated Activity Company (BIPDAC)	Maritime Usage Licence applied	11.9	7.2	Site investigations to inform the location and design of a proposed port infrastructure in Dublin and Meath.	Unknown	Unknown	Screened in due to potential for investigations to coincide with the construction and/or operational and maintenance phases of the Project. Potential cumulative impact to sediment concentrations/transport and pollution from accidental spills/contaminants.
Upgrade of water mains infrastructure beneath River Boyne, Drogheda, County Louth	MAC applied	25.9	16.8	Essential upgrade of water infrastructure, consisting of installation of a new High Density Polyethylene (HDPE) 300mm Internal Diameter (ID) main, over an approximate 65m length, passing beneath the River Boyne to the west of the Bridge of Peace.	Unknown	Unknown	Screened in due to potential for construction and operational phase to coincide with the construction and/or operational and maintenance phases of the Project. Potential cumulative impact to sediment concentrations/transport and pollution from accidental spills/contaminants.
NISA Site Investigations	MAC received	16.9	18.1	Site investigation activities to inform the development of the North Irish Sea Array (NISA) offshore windfarm (OWF) and export cable, off the coasts of counties Dublin, Meath and Louth. These site investigations include hydrological and geophysical, geotechnical, metocean, ecological, archaeological and water quality surveys.	-	Licence term for site investigations is seven years from 2024 to 2031	Screened in due to potential for investigations to coincide with the construction and/or operational and maintenance phases of the Project. Potential cumulative impact to sediment concentrations/transport and pollution from accidental spills/contaminants.



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## 3.1.2 Updated CIA

Table 3-2: Review of project updates that may affect cumulative impact assessment with the Project for Marine Processes.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Marine Processes (volume 2B, chapter 7 & volume 2B Addendum, chapter 7 Addendum)	<p><b>Increased suspended sediment concentrations and associated deposition</b></p> <p>Increased suspended sediment concentrations and associated deposition may arise due to the installation of the WTG and OSS foundations, the installation and/or maintenance of inter-array cables and the offshore cable and associated decommissioning activities. Should those projects considered take place concurrently with Project construction, operation and maintenance or decommissioning activities, there is potential for cumulative increased turbidity levels.</p> <p><b>Magnitude of impact</b></p> <p>The magnitude of the increase in suspended sediment concentrations and associated deposition arising from Project activities has been assessed as negligible for the project alone, as described in section 7.10 of chapter 7: Marine Processes (EIAR, volume 2B) for the construction, operational and maintenance and decommissioning phases.</p> <p>The Greenore Port Project operation and maintenance facility which is proposed to serve as a support base for future offshore wind developments in the Irish Sea, is located at the mouth of Carlingford Lough, c.10 km north of the Project. Although there is potential for the development to temporarily increase suspended sediments, it is unlikely that a significant overlap would arise, as the plume extending from the offshore wind farm area will enter Carlingford Lough at background levels i.e. 5 mg/l.</p> <p>The site investigations to be undertaken by BIPDAC to the south of the Project will include the use of boreholes which may temporarily mobilise sediments, however, this will cause minimal disturbance to the seabed and thus the impact to increased SSC and subsequent deposition would be so negligible that no significant cumulative impact would arise.</p> <p>As a result of the water mains works to be undertaken beneath the River Boyne, increased suspended sediment concentrations may arise. However, due to the scale of project (300mm Internal Diameter (ID) main, over an approximate 65 m length) combined with the considerable distance from the maximum cable installation plume means no cumulative impact would arise.</p> <p>NISA is proposed south/southeast of the Project and may see the construction of up to 49 turbines, 111 km of inter-array cabling, and 18 km of export cabling subject to planning decision. Although the exact method of turbine installation is unknown, it has been assumed that there is the potential for sediment plumes to overlap and result in increased sediment plume concentration. Associated site investigations were also considered but given the distance between the Project and these site investigations, it is considered unlikely for cumulative impacts to arise.</p> <p>Overall, the cumulative impact is predicted to be of local spatial extent, short term duration, intermittent and high reversibility. It is predicted that the impact will affect the receptor indirectly. The nature of the sediments and the absence of a contaminant source in this area means that the potential for the disturbance of sediment contaminants is very low. The magnitude of the impact from increased suspended sediment concentrations and associated deposition is therefore, considered to be negligible.</p>	The addition of the proposed projects as well as further information regarding the NISA Offshore Windfarm will not result in any changes to the conclusions of the EIAR CIA.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
	<p><b>Sensitivity of receptor and significance of the effect</b></p> <p>The sensitivity of the receptor for cumulative effects remains the same as for the effects of increases in suspended sediment concentrations in the construction phase as outlined in section 7.10 of chapter 7: Marine Processes (EIAR volume 2B).</p> <p>There is the potential for sediment plume overlap with those incurred by the installation, operation and maintenance and decommissioning of the NISA Project (subject to final design). However, given the distance between the Project and the site, as well as the extents of the Project modelled sediment plumes on the northern boundary of the offshore area and southern border of the offshore area respectively, the potential for interaction is likely to be limited. All other receptors are unaffected.</p> <p>Overall, the magnitude of the impact is deemed to be negligible, and the sensitivity of the receptor is considered to be low and high (for marine water quality). The effect will, therefore, be of <b>imperceptible and slight (for marine water quality) adverse significance</b>, which is not significant in EIA terms.</p>	

**Impact of pollution caused by accidental spills/contaminants**

Should those projects considered take place concurrently with Project construction, operation and maintenance or decommissioning activities, there is potential for cumulative increased turbidity levels.

**Magnitude of impact**

Pollution prevention measures to address the risk from accidental spills and contaminants during construction should they arise are included in the following supporting management plans:

- Construction Environmental Management Plan (appendix 5-1 (EIAR volume 2A and EIAR volume 2A Addendum,);
- Marine Pollution Contingency Plan (MPCP) (appendix 5-2 (EIAR volume 2A and EIAR volume 2A Addendum (see annex 2); and
- Emergency Response Co-operation Plan (appendix 5-7 (EIAR volume 2A)).

Provided these measures are implemented, there should be no risk of the Project causing a deterioration in the overall coastal water body status, water dependent protected areas under the WFD or GES of the marine waters under the MSFD.

Given the location of the other projects considered within different coastal water bodies and a different part of the Irish Sea and the measures included in the Project the cumulative magnitude of the impact will remain low.

**Sensitivity of the receptor**

The sensitivity of the Louth Coast and Outer Dundalk Bay coastal water bodies and the marine waters, within which the WTG and offshore substation are located, to pollution caused by accidental spills/contaminants remains high as these coastal water bodies are currently achieving high ecological status and therefore are vulnerable to pollution effects which could result in a deterioration of the ecological and chemical status. In addition the marine waters are currently achieving GES for the qualitative descriptor “contaminants in water and biota” and pollution caused by accidental spills/contaminants could result in a deterioration in the environmental status of this qualitative descriptor which would compromise the achievement of the objectives under the MSFD. On this basis the sensitivity of the marine water quality to pollution caused by accidental spills/contaminants is considered to be high.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
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**Significance of the effect**

With the implementation of measures as outlined in section 7.8 and Table 7-14 of chapter 7: Marine Processes (EIAR volume 2B), the significance of the cumulative impact of pollution caused by accidental spills/contaminants will be low. A low magnitude of impact on a high sensitivity receptor results in a significance of effect of **slight** (based on Table 7-18 (EIAR volume 2B)) which is not significant in EIA terms.

**Operational and maintenance phase****Magnitude of impact**

Pollution from accidental spills/contaminant release may impact on coastal water bodies and marine waters during the operational and maintenance phases. Routine maintenance and servicing of the offshore infrastructure can have impacts on the supporting elements of coastal water bodies namely physico-chemical and chemical supporting elements of the Louth Coast and Outer Dundalk Bay coastal waterbodies. However given the separation distances between projects and the industry best practice measures in terms of the drainage design of the WTG and offshore substation and operational pollution prevention plans as outlined in section 7.8 and Table 7-14 of chapter 7: Marine Processes (EIAR volume 2B), the potential for cumulative effects is not considered significant and the magnitude of the cumulative impact from pollution caused by accidental spills/contaminants during the operational and maintenance phase is considered to remain low.

**Sensitivity of the receptor**

The sensitivity of receptors to pollution caused by accidental spills/contaminants remains the same for all project phases. The significance of the effects will however be reduced during the operation and maintenance phase as the works are limited to intermittent, discrete maintenance and repair activities.

Overall, the magnitude of the impact is deemed to be low, and the sensitivity of the receptor is considered to be high due to the current classification of the water bodies affected and the fact that the study area is achieving its objectives in terms of the WFD and the MSFD. The effect will, therefore, be of slight adverse significance, which is not significant in EIA terms.

**Significance of the effect**

With the implementation of mitigation measures, the significance of the impact of pollution caused by accidental spills/contaminants will be low. A low magnitude of impact on a high sensitivity receptor results in a significance of effect of **slight** which is not significant in EIA terms.

**Decommissioning Phase**

Wind turbines and the offshore substation topside will be removed by reversing the methods used to install them for disassembly and reuse, recycling or disposal onshore. Decommissioning of the foundations is expected to involve cutting and removal of monopile foundations below seabed whilst the removal of inter-array and offshore cables would involve disturbance of seabed material from a trench with the same dimension as that into which they were installed. As such, the significance of cumulative effects from decommissioning activities are expected to be the same or similar to the effects from construction.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.2 Benthic Subtidal and Intertidal Ecology

### 3.2.1 Updated list of projects

The projects screened into the CIA for Benthic Subtidal and Intertidal Ecology are outlined in Table 3-3. The locations of screened in projects in relation to the Project are illustrated in Figure 3-2.

Table 3-3: Updated list of other projects considered within the CIA for Benthic Subtidal and Intertidal Ecology\*.

Project	Status	Approximate Distance from offshore wind farm area (km)	Approximate Distance from Offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
<b>Offshore Wind Farms</b>							
North Irish Sea Array (NISA)	Maritime Area Consent; Planning	16.2	18.1	EIA Scoping Report (2021) refers to the construction of an offshore wind farm of up to 500 MW, consisting of 36 turbines with a maximum height of 320 m and rotor diameter of up to 290 m. Offshore substation platforms may be required <sup>3</sup> .  EIAR (2024) details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required. The proposed export capacity is 700 MW. <sup>4</sup>	Unknown  Estimated 2027-2030	Unknown  (Design life minimum 35 years)  Estimated commencement in 2030	Potential for construction and operational phases to overlap with the Project. Potential for overlap for impacts such as SSC, habitat loss (temporary and long term) and colonisation of hard substrates.

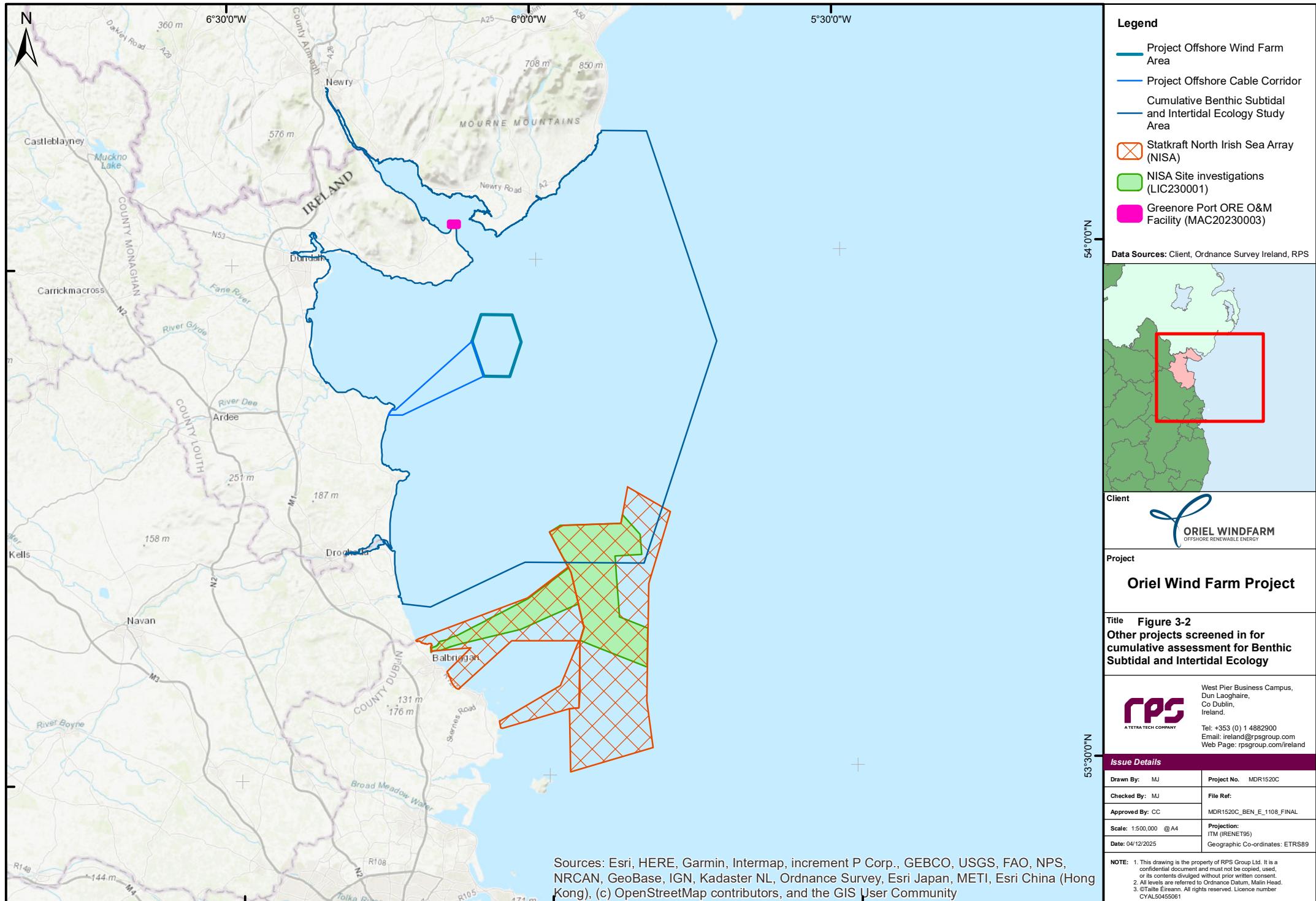
\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

<sup>3</sup> Project website <https://northirishseaarray.ie/> states that wind farm will consist of 35 to 46 turbines.

<sup>4</sup> <https://northirishseaarraysid.ie/>

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Project	Status	Approximate Distance from offshore wind farm area (km)	Approximate Distance from Offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
Greenore Port Project	MAC received and Planning consented	9.9	12.4	EIAR (2024) details ORE O&M Facility at Greenore Port as a support base for three offshore windfarms on the East Coast of Ireland. It will require a pontoon to accommodate Crew Transfer Vessels. Dredging within the nearshore and the construction of a new quay wall is also required.	3 years estimated 2025 to 2028	60 years	Potential for construction and operational phases to overlap with the Project. Potential for overlap for impacts such as SSC, habitat loss (temporary and long term) and colonisation of hard substrates.
<b>Site Investigations</b>							
NISA Site Investigations	MAC received	16.9	18.1	Site investigation activities to inform the development of the North Irish Sea Array (NISA) offshore windfarm (OWF) and export cable, off the coasts of counties Dublin, Meath and Louth. These site investigations include hydrological and geophysical, geotechnical, metocean, ecological, archaeological and water quality surveys.	-	Licence term for site investigations is seven years from 2024 to 2031	Potential for construction and operational phases to overlap with the Project. Potential for overlap for impacts such as SSC, habitat loss (temporary and long term) and colonisation of hard substrates.



## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.2.2 Updated CIA

Table 3-4: Review of project updates that may affect cumulative impact assessment with the Project for Benthic Subtidal and Intertidal Ecology.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Benthic Subtidal and Intertidal Ecology	<b>Temporary Subtidal Habitat Loss/Disturbance</b>	
(volume 2B, chapter 8 & volume 2B Addendum, chapter 8 Addendum)	<p>The proposed Greenore Port Operations and Maintenance Facilities at Greenore Port will result in abrasion and disturbance due to construction activities however the disturbance will be limited to the development footprint adjacent to the quay wall and the dredge area (Greenore Port Unlimited Company, 2024).</p> <p>The North Irish Sea Array (NISA) Offshore Wind Farm may result in up to 6.3 km<sup>2</sup> of temporary habitat disturbance/loss within the array area and export cable corridor (North Irish Sea Array Windfarm Ltd, 2024). It is predicted that 4.8 km<sup>2</sup> of the temporary habitat disturbance/loss will be within the array area as a result of seabed preparations for foundations, jack-up barge operations and the installation and burial of inter-array and interconnector cables (North Irish Sea Array Windfarm Ltd, 2024). It is predicted that 1.4 km<sup>2</sup> of the temporary habitat disturbance/loss will be within the export cable corridor as a result of seabed preparation, export cable installation, burial and jointing.</p> <p>Additionally the NISA Offshore Wind Farm has obtained a license for site investigation surveys over a seven year period starting in 2024. This will include benthic subtidal surveys as well as geotechnical surveys which may small amounts of disturbance to the seabed. The amount of disturbance has not been quantified as a part of this application, though due to the nature of the works, these will be minimal.</p> <p>The quantification of the above projects in relation to the temporary habitat disturbance/loss impact does not change the conclusion provided in the EIAR. As outlined in the EIAR, the NISA Offshore Wind Farm was estimated to have a similar level of impact as the Oriel Wind Farm Project. The NISA Offshore Wind Farm is estimating higher levels of temporary habitat disturbance compared to the Project however only a small proportion of the NISA array area overlaps with the cumulative benthic subtidal and intertidal ecology study area. Furthermore the site investigation surveys for NISA will only result in highly localised disturbances as a result of the extraction of samples. The proposed Greenore Port Operations and Maintenance Facilities at Greenore Port will result in disturbance during construction however during operation habitat disturbance will be minimal. The sensitivity of the subtidal important ecological features (IEFs) to disturbance from surface abrasion and substratum penetration ranges from low to medium for this impact pathway, with all IEFs expected to recover over a period of years following the cessation of activities (e.g. two to six years for the Subtidal Infralittoral Rock IEF). Overall the impact of these projects within the cumulative benthic subtidal and intertidal ecology study area will be small and local in terms of spatial extent as well as short term, reversible and intermittent in all phases of the Oriel Wind Farm Project therefore the effect remains <b>slight adverse significance</b>.</p>	The addition of the proposed Greenore Port Operations and Maintenance Facilities at Greenore Port as well as further information regarding the NISA Offshore Windfarm will not result in any changes to the conclusions of the EIAR CIA.
	<b>Increased Suspended Sediment Concentrations and Associated Sediment Deposition</b>	
	<p>The proposed Greenore Port Operations and Maintenance Facilities at Greenore Port will be active throughout all phases of the Oriel Wind Farm Project however construction works will only be undertaken within the construction phase. The Greenore Port Project will involve the dredging and construction works in the marine environment to facilitate the creation of new Operations and Maintenance Facilities (Greenore Port Unlimited Company, 2024). Greenore Port Project does not provide a quantification of its impact in regard to increased levels of suspended sediment concentration and associated deposition however the impact is likely to be small and highly localised (Greenore Port Unlimited Company, 2024).</p>	The addition of the proposed Greenore Port Operations and Maintenance Facilities at Greenore Port as well as further information regarding the NISA Offshore Windfarm will

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Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
	<p>The NISA Offshore Wind Farm may create a temporary increase in suspended sediment concentration as a result of seabed levelling, drilling for foundation installation, cable installation, excavation of horizontal directional drilling and bentonite release (North Irish Sea Array Windfarm Ltd, 2024). The sediment plume will extend furthest in relation to drilling for foundation installation which may extend to 8 km however the deposition of sediment at this distance is reduced to 2 to 10 mm, in comparison to 50 mm close to the site of drilling (North Irish Sea Array Windfarm Ltd, 2024). Additionally the NISA Offshore Wind Farm has obtained a license for site investigation surveys over a seven year period starting in 2024 (MARA, 2024). This will include benthic subtidal surveys as well as geotechnical surveys which may small amounts of disturbance to the seabed, however this activity will not result in the suspension or deposition of any sediment beyond the immediate area from which the sample was extracted and therefore will not interact cumulatively with the Oriel Wind Farm Project.</p> <p>As noted above the impacts of these projects beyond the immediate vicinity of the relevant activities is expected to be very small, with the majority of the impact being highly localised, making it unlikely that plumes will interact and result in a compounded effect. The sensitivity of the subtidal IEFs to changes in suspended solids and smothering and siltation rate changes ranges from not sensitive to medium for this impact pathway, with recovery expected to occur within a few tidal cycles. Overall the impact of these projects will be short term and intermittent in all phases of the Oriel Wind Farm Project therefore the effect remains <b>slight adverse significance</b>.</p>	<p>not result in any changes to the conclusions of the EIAR.</p>
	<p><b>Seabed Disturbance Leading to the Potential Release of Sediment Contaminants</b></p> <p>The proposed Greenore Port Operations and Maintenance Facilities at Greenore Port may result in the potential release of sediment contaminants as a result of dredging works or quay wall and pontoon construction (Greenore Port Unlimited Company, 2024), however these are likely to be highly limited in extent and will not interact with the zone of influence of the Oriel Wind Farm Project.</p> <p>The NISA Offshore Wind Farm may result in the potential release of sediment contaminants as a result of construction activities however surveys across the array area and export cable corridor for sediment bound metals found concentrations close to background concentration (North Irish Sea Array Windfarm Ltd, 2024). Additionally concentrations of organic chemicals and hydrocarbons were below levels at which adverse effects may be observed (North Irish Sea Array Windfarm Ltd, 2024). As such, the risk of impacts from release of sediment bound contaminants is low.</p> <p>Additionally the NISA Offshore Wind Farm has obtained a license for site investigation surveys over a seven year period starting in 2024. This will include benthic subtidal surveys as well as geotechnical surveys which may small amounts of disturbance to the seabed, however this activity will not result in the resuspension of sediment beyond the immediate area sampled and therefore will not interact cumulatively with the Oriel Wind Farm Project.</p> <p>As noted for the increases in suspended sediments impact the sediment disturbed as a result of the above projects will largely remain within the vicinity of the site of the disturbance activity, therefore the impact will be highly localised and represent a small proportion of the cumulative benthic subtidal and intertidal ecology study area. Additionally the levels of contaminants in disturbed sediments is expected to be low for all projects considered and any impact will be short term and intermittent in all phases of the Oriel Wind Farm Project, therefore the effect remains <b>imperceptible significance</b>. This has been confirmed by sediment chemistry data collected as part of the 2024 survey. All stations had contaminant loads below the lower limits for trace metals, as determined by Cronin <i>et al.</i> (2006) in the 'Guidelines for the Assessment of Dredge Material for Disposal in Irish Waters', with the exception of arsenic (concentration of 27.2 mg/kg) at one station in the offshore wind farm area which exceeded the lower limit for Arsenic (20 mg/kg) however</p>	<p>The addition of the proposed Greenore Port Operations and Maintenance Facilities at Greenore Port as well as further information regarding the NISA Offshore Windfarm will not result in any changes to the conclusions of the EIAR.</p>

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
	<p>was well below the upper limit (Cronin <i>et al.</i>, 2006) (70 mg/kg). All stations were below their respective limits (Cronin <i>et al.</i>, 2006) for organotins, polychlorinated biphenyls, total extractable hydrocarbons, tributyltin, dibutyltin and polycyclic aromatic hydrocarbons.</p>	
<b>Long Term Subtidal Habitat Loss</b>	<p>The proposed Greenore Port Operations and Maintenance Facilities at Greenore Port will include the installation of a quay wall and the insertion of two piles associated with the new pontoon which will result in loss of a highly limited area of benthic ecology habitat (Greenore Port Unlimited Company, 2024).</p> <p>The NISA Offshore Wind Farm will result in long term habitat loss as a result of the presence of wind turbine and offshore substation platform (OSP) foundations and associated scour protection as well as cable protection and cable crossings (North Irish Sea Array Windfarm Ltd, 2024). This infrastructure could lead to up to 0.30 km<sup>2</sup> of long term subtidal habitat loss (North Irish Sea Array Windfarm Ltd, 2024).</p> <p>These projects represent a small increase in long term habitat loss in relation to the cumulative benthic subtidal and intertidal ecology study area, especially as only a proportion of the NISA Offshore Wind Farm falls within the cumulative benthic subtidal and intertidal ecology study area. This extra detail is in line with the magnitude of impact described in the EIAR and therefore the effect remains <b>slight adverse significance</b> in the operation and maintenance phase.</p>	<p>The addition of the proposed Greenore Port Operations and Maintenance Facilities at Greenore Port as well as further information regarding the NISA Offshore Windfarm will not result in any changes to the conclusions of the EIAR.</p>
<b>Colonisation of Foundations, Scour Protection and Cable Protection</b>	<p>The proposed Greenore Port Operations and Maintenance Facilities at Greenore Port will include the installation of a quay wall and the insertion of two piles associated with the new pontoon, which will increase the subtidal and intertidal substrates available for colonisation by local fauna (Greenore Port Unlimited Company, 2024).</p> <p>The NISA Offshore Wind Farm may introduce up to 0.41 km<sup>2</sup> of hard substrate within the array area and export cable corridor, representing a shift from the previously prevailing sedimentary conditions.</p> <p>As noted for long term habitat loss, only a proportion of the NISA Offshore Wind Farm array area falls within the cumulative benthic subtidal and intertidal ecology study area therefore the impact in regard to colonisation is proportionally very small. This extra detail is in line with the magnitude of impact described in the EIAR and therefore the effect remains <b>imperceptible adverse significance</b> in the operation and maintenance phase as presented in the EIAR.</p>	<p>The addition of the proposed Greenore Port Operations and Maintenance Facilities at Greenore Port as well as further information regarding the NISA Offshore Windfarm will not result in any changes to the conclusions of the EIAR.</p>
	<b>Alteration of Seabed Habitats Arising from the Effects of Physical Processes</b> <p>The presence of wind turbine and OSP foundations has the potential introduce changes to the local hydrodynamic and wave regime, resulting in changes to the sediment transport pathways (North Irish Sea Array Windfarm Ltd, 2024). However modelling undertaken by NISA Offshore Wind Farm found local scouring around its foundations is not anticipated to be prevalent and that overall, the impacts on hydrodynamic and wave regimes will not be significant and will not result in any significant changes to sediment transport.</p> <p>Based on the above finding by the NISA Offshore Wind Farm any potential impacts on seabed habitats arising from the effects of physical processes the potential effects will be highly limited and localised; therefore the effect remains <b>imperceptible adverse significance</b> in the operation and maintenance phase as presented in the EIAR.</p>	<p>The addition of further information regarding the NISA Offshore Windfarm will not result in any changes to the conclusions of the EIAR.</p>

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Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
	<p><b>Increased Risk of Introduction and Spread of Invasive and Non-Indigenous Species</b></p> <p>As noted above for the colonisation impact the proposed Greenore Port Operations and Maintenance Facilities at Greenore Port will include the installation of a quay wall and the insertion of two piles associated with the new pontoon (Greenore Port Unlimited Company, 2024). The introduction of this new hard substrate could provide habitat for Invasive and Non-Indigenous Species (INSS), although any risk will be minimal due to the small area of hard substrate introduced into the environment.</p> <p>As set out in the Oriel Wind Farm Project EIAR, the introduction of hard substrates could provide habitat for INNS. The same potential for introduction and spread of INNS applies to the 0.41 km<sup>2</sup> of hard substrate associated with the NISA Offshore Wind Farm as well as the vessel traffic associated with all phases of the project (North Irish Sea Array Windfarm Ltd, 2024). The site investigation surveys undertaken as part of the NISA Offshore Wind Farm will also result in an increase in vessel traffic which could contribute to the increased spread of INNS, although given the nature of the operations any increase in vessel traffic will be short term and temporary.</p> <p>As above described above in relation to the colonisation, only a proportion of the NISA Offshore Wind Farm falls within the cumulative benthic subtidal and intertidal ecology study area therefore the impact in regard to the increased risk of introduction and spread of INNS will be proportionally very small. The potential effects will be highly limited and localised and hard substrate communities are known to exist within the Oriel Benthic Subtidal and Intertidal Ecology Study Area; therefore the effect remains <b>slight adverse significance</b> in all phases as presented in the EIAR.</p>	<p>The addition of the proposed Greenore Port Operations and Maintenance Facilities at Greenore Port as well as further information regarding the NISA Offshore Windfarm will not result in any changes to the conclusions of the EIAR.</p>

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### 3.3 Fish & Shellfish Ecology

#### 3.3.1 Updated list of projects

The projects screened into the CIA for Fish and Shellfish Ecology are outlined in Table 3-5. The locations of screened in projects in relation to the Project are illustrated in Figure 3-3.

**Table 3-5: Updated list of other projects considered within the CIA for Fish and Shellfish Ecology\*.**

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project/Plan	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
<b>Renewables</b>							
North Irish Sea Array (NISA)	Maritime Area Consent; Planning	16.2	18.1	<p><del>EIA Scoping Report (2021) refers to the construction of an offshore wind farm of up to 500 MW, consisting of 36 turbines with a maximum height of 320 m and rotor diameter of up to 290 m. Offshore substation platforms may be required.</del></p> <p><b>EIAR (2024)</b> details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required. The proposed export capacity is 700 MW.<sup>5</sup></p>	Unknown Estimated 2027-2030	Unknown (Design life minimum 35 years) Estimated commencement in 2030	Potential for construction and operation phases to overlap with the Project. Spatial overlap unlikely for impacts such as SSC, habitat loss and EMF. Potential for spatial overlap associated with underwater noise emissions.
Dublin Array	Maritime Area Consent; Planning	61.2	57	<p><del>Scoping report (2020) refers to the construction of Bray and Kish offshore wind farm of up to 900 MW, consisting of up to 61 turbines with a maximum height of 308 m and rotor diameter of up to 285 m and up to three offshore substation platforms.</del><sup>6</sup></p>	Unknown Estimated 2027-2030 Construction is anticipated to range from 18 to 30 months.	Unknown (Design life minimum 35 years) Estimated commencement in 2030	Potential for construction and operation phases to overlap with the Project. Spatial overlap unlikely for impacts such as SSC, habitat loss and EMF. Potential for spatial

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

<sup>5</sup> <https://northirishseaarraysid.ie/>

<sup>6</sup> Project website: <https://dublinarray.com/project-information/key-facts/> states between 39 and 50 turbines (total project capacity 824 MW) individual tip heights between approx. 270 m and 310 m.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project/Plan	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				<p>EIAR (2025) refers to the construction of an offshore wind farm with an export capacity of 824 MW. The EIAR considers three design options with a maximum number of turbines of 50 and a maximum rotor diameter of 278 m.<sup>7</sup></p>			overlap associated with underwater noise emissions.
Codling Wind Park	Maritime Area Consent; Planning	61.4	57.2	<p>EIA Scoping report (2020) refers to the construction of an offshore wind farm of up to 1500 MW, consisting of up to 140 turbines with a maximum height of 320 m and rotor diameter of up to 288 m. The project will also contain up to five offshore substation platforms.<sup>8</sup></p> <p>EIAR (2024) refers to the construction of an offshore wind farm with the export capacity of 1300 MW. Two WTG Layout Options are proposed, with a maximum number of turbines of 75 and a maximum rotor diameter of 276. Three offshore substations are required.<sup>9</sup></p>	<p>Unknown</p> <p>Estimated 2027-2030. Construction anticipated to range from three to four years.</p>	<p>Unknown</p> <p>Estimated commencement in 2030</p> <p>(Design life minimum 35 years)</p> <p>25-year operational lifetime</p>	<p>Potential for construction and operation phases to overlap with the Project. Spatial overlap unlikely for impacts such as SSC, habitat loss and EMF. Potential for spatial overlap associated with underwater noise emissions.</p>
Arklow Bank Wind Park Phase 2	Maritime Area Consent; Planning	107.1	104.7	<p>EIA Scoping Report: The project will include between 37 and 56 turbines and up to two Offshore Substation Platforms (OSP) and foundation substructures. The area in which the proposed wind turbines, inter-array cables and OSP(s) will be</p>	<p>Unknown</p> <p>Estimated 2027-2030</p>	<p>Unknown</p> <p>(Design life minimum 35 years)</p> <p>Estimated commencement in 2030</p>	<p>Potential for construction and operation phases to overlap with the Project. Spatial overlap unlikely for impacts such as SSC, habitat loss and EMF. Potential for spatial overlap associated with</p>

<sup>7</sup> <https://dublinarray-marineplanning.ie/eiar/>

<sup>8</sup> Project website: <https://codlingwindpark.ie/the-project/> states max energy output 1300 MW, 100 turbines, turbine tip height max 320 m.

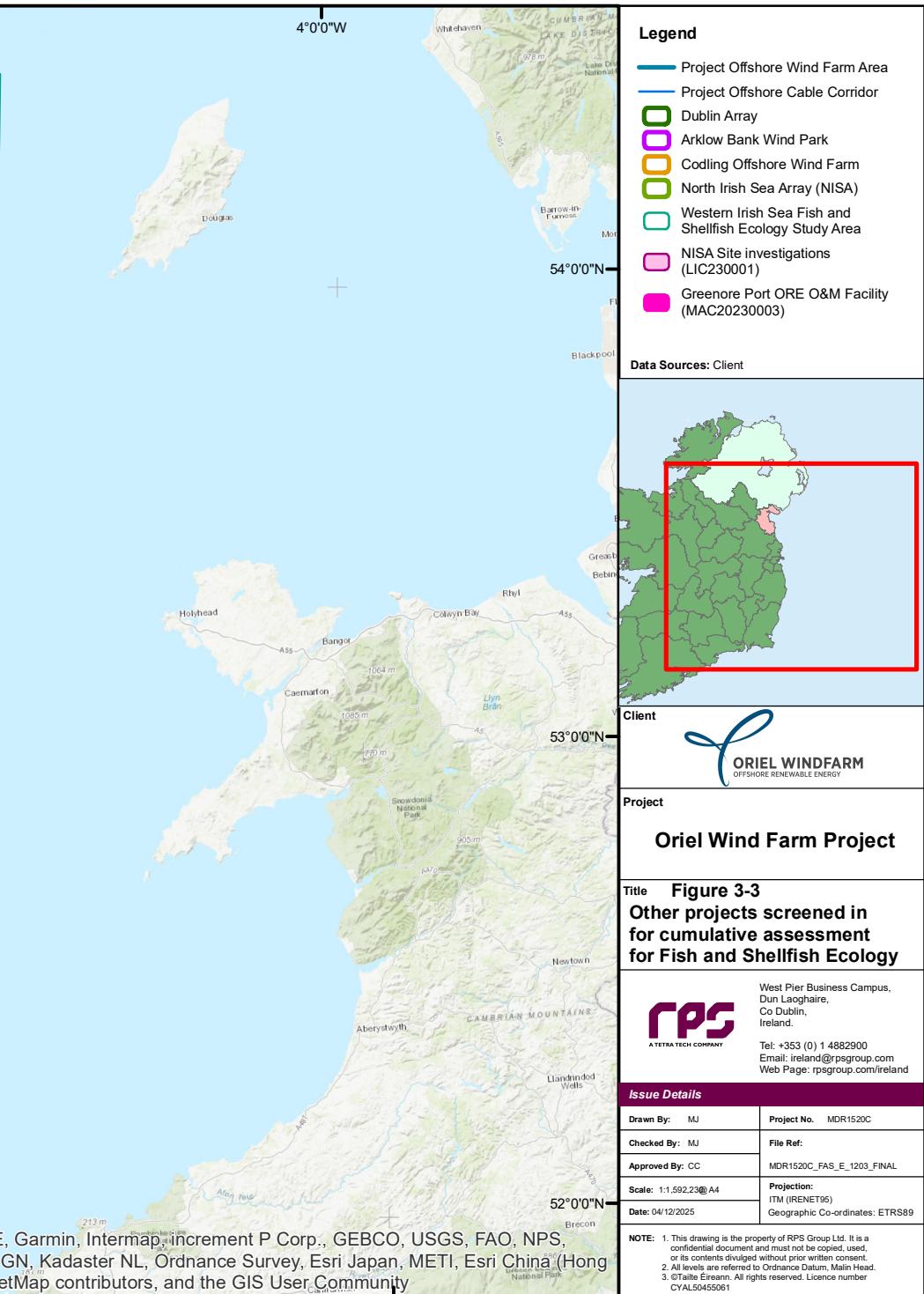
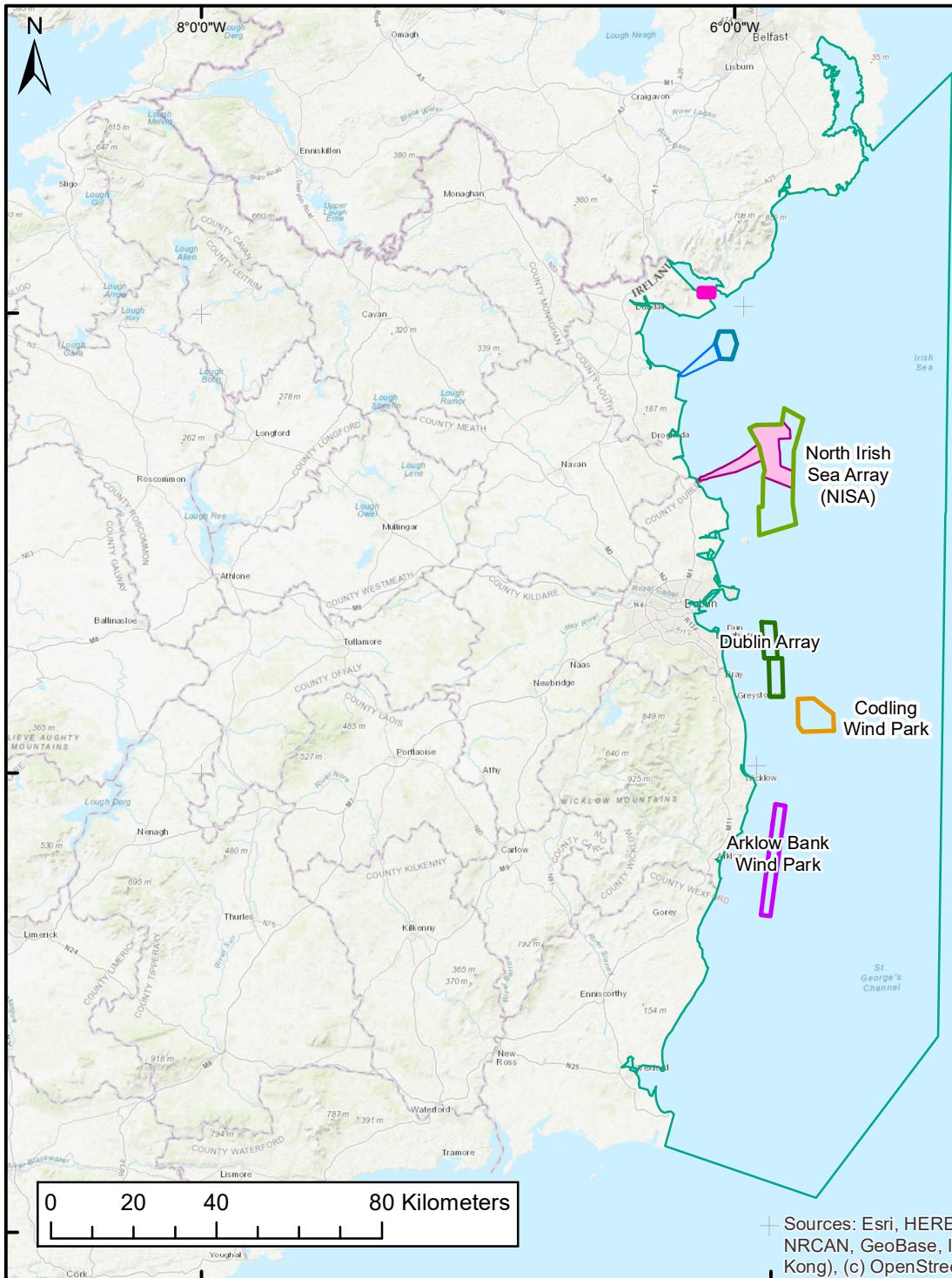
<sup>9</sup> <https://codingwindparkplanningapplication.ie/environmental-impact-assessment-report-eiar/>

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project/Plan	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				<p>located on Arklow Bank covers an area of seabed approximately 64km<sup>2</sup>.<sup>10</sup></p> <p>EIAR (2024) refers to an offshore wind farm with an export capacity of 800 MW.</p> <p>Two Project Design Options are proposed with a maximum number of turbines of 56 and maximum rotor diameter of 250 m. Two offshore substations are required.<sup>11</sup></p>			underwater noise emissions.
Greenore Port Project	MAC Received and Planning Consented	9.9	12.4	ORE O&M Facility at Greenore Port as a support base for three offshore windfarms on the East Coast of Ireland. It will require a pontoon to accommodate Crew Transfer Vessels. Dredging within the nearshore and the construction of a new quay wall is also required.	3 years estimated 2025 to 2028	60 years	Potential for construction and operation phases to overlap with the Project. Spatial overlap unlikely for impacts such as SSC, habitat loss and EMF. Potential for spatial overlap associated with underwater noise emissions.
NISA Site Investigations	MAC received	16.9	18.1	Site investigation activities to inform the development of the North Irish Sea Array (NISA) offshore windfarm (OWF) and export cable, off the coasts of counties Dublin, Meath and Louth. These site investigations include hydrological and geophysical, geotechnical, metocean, ecological, archaeological and water quality surveys.	-	Licence term for site investigations is seven years from 2024 to 2031	Potential for construction and operation phases to overlap with the Project. Spatial overlap unlikely for impacts such as SSC, habitat loss and EMF. Potential for spatial overlap associated with underwater noise emissions.

<sup>10</sup> Project website <https://www.sserenewables.com/>; states between 36 and 60 turbines (up to 800MW) along with one to two OSS and foundation substructures, a network of inter-array cabling and two offshore export cables.

<sup>11</sup> <https://www.arklowbank2offshoreplanning.ie/eiar/>



## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.3.2 Updated CIA

Table 3-6: Review of project updates that may affect cumulative impact assessment with the Project for Fish and Shellfish Ecology.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Fish and Shellfish Ecology (volume 2B, chapter 9 & volume 2B Addendum, chapter 9 Addendum)	<p><b>Injury and/or disturbance to fish from underwater noise during pile-driving</b></p> <p>The Greenore Port Project will include the installation of a quay wall and the insertion of two piles associated with the new pontoon as well as dredging and vessel noise (Greenore Port Unlimited Company, 2024). This may create underwater noise however effects will only occur in very close proximity to the quay and pontoon during start-up as well as intermittently throughout the operational phase (Greenore Port Unlimited Company, 2024).</p> <p>The Arklow Bank Wind Park Phase 2 EIAR has provided a more detailed design scenario for this project. The design scenario considers the installation of 56 wind turbines (with pile diameters between 7 to 11 m) and two offshore substation platforms (OSPs) (with pile diameters between 7 and 14 m), both using a maximum hammer energy of 6,600 kJ (SSE Renewables, 2024). A soft start will be performed and the total number of days piling will occur will be four days for OSPs and 75 days for wind turbines (SSE Renewables, 2024). Modelling undertaken for the project indicates the largest recoverable injury range are predicted to be up to 7.9 km (<math>&gt;203</math> dB SEL<sub>cum</sub> threshold, assuming stationary receptors), when the animal is assumed to be fleeing these ranges reduce to less than 100 m (SSE Renewables, 2024). Maximum temporary threshold shift (TTS) (<math>&gt;186</math> dB SEL<sub>cum</sub> threshold) are predicted up to 50 km for stationary animals, reducing to 36 km for fleeing animals (SSE Renewables, 2024).</p> <p>The Codling Wind Park EIAR has confirmed the installation of 75 wind turbines using a hammer energy between 400 and 4400 kJ across 75 piling days in total (Codling Wind Park, 2024). Alternatively wind turbine foundations may be installed by vibro-piling or drilling. Additionally three OSPs will be installed requiring up to three piles using a hammer energy between 400 and 4400 kJ, requiring up to three days of piling overall (Codling Wind Park, 2024). Up to ten UXO may also require clearing as a result of construction for the Codling Wind Park. Mortal injury may occur over an approximate area of 0.25 km<sup>2</sup> in a stationary model or less than 100 m in a fleeing model, and an area of 15 km<sup>2</sup> or a maximum distance of 2,300 m from the source for cumulative level exposure (Codling Wind Park, 2024). TTS may occur out to a maximum distance of 34 km from the source for cumulative exposure in a stationary model or 24 km in a fleeing model (Codling Wind Park, 2024).</p> <p>The NISA EIAR described how the project will result in increased underwater noise as a result of the installation of 51 wind turbine and OSP monopiles with a diameter of 12.5 m using a 5,500 kJ hammer or 144 pin-piles with a 6 m diameter with a hammer energy of 3,000 kJ. Additionally, UXO clearance, vessel noise and geophysical survey will contribute additional noise (Statkraft, 2024). Modelling undertaken for the project found mortality ranges could extent to 4.2 km (SEL<sub>cum</sub> static), recoverable injury ranges could extent to 9.5 km (SEL<sub>cum</sub> static) and TTS could occur out to 59 km from the source (SEL<sub>cum</sub> static) (Statkraft, 2024). Associated site investigations may give rise to disturbance from vibration and underwater noise associated with the survey however, investigations will be short in duration and of a temporary nature.</p> <p>The Dublin Array Offshore Wind Farm EIAR assessed the installation of up to 50 wind turbines using either 13 m diameter monopiles with a maximum hammer energy of 6,372 kJ or 5.75 m pin-piles with a maximum hammer energy of 4,695 kJ requiring a maximum piling duration of 125 days over 19 months (associated with the installation of pin-piles) (Kish Offshore Wind Ltd., 2024). Modelling undertaken for the project has identified mortality and potential</p>	The addition of the proposed Greenore Port Operations and Maintenance Facilities at Greenore Port and the NISA site investigations, as well as further information on the Phase 1 Projects will not result in any changes to the conclusions of the EIAR CIA.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
	<p>mortality injury out to 2.1 km (<math>SEL_{cum}</math> static), recoverable injury out to 3.8 km (<math>SEL_{cum}</math> static) and TTS out to 29 km (<math>SEL_{cum}</math> static).</p> <p>The quantification of the above projects in relation to the injury and/or disturbance to fish from underwater noise during pile-driving impact does not change the conclusion as provided in the EIAR. As anticipated in the EIAR the impact of the other offshore wind projects is of a similar scale to the Oriel Wind Farm Project. The nearest offshore wind farm is 16 km from the Project therefore the potential for cumulative injury impacts would only apply to TTS using a <math>SEL_{cum}</math> static model (if each piling event occurs simultaneously across both projects which is unlikely), the inclusion of a fleeing response reduces the range of TTS for all projects. Therefore it is not expected that there will be a spatial overlap of TTS effects associated with each project in the event that construction timeframes coincide. While there are likely to be cumulative behavioural effects on fish and shellfish receptors from the projects discussed above, these effects will be short term, temporary and reversible, with evidence from other offshore wind farms (as presented in the Project EIAR) demonstrating recovery of fish populations following piling operations. Overall the impact of these projects will be medium term and intermittent through the construction phase of the Project therefore the effect remains <b>slight adverse significance</b>.</p>	

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

### 3.4 Marine Mammals & Megafauna

#### 3.4.1 Updated list of projects

The projects screened into the CIA for Marine Mammals and Megafauna are outlined in Table 3-7. The locations of screened in projects in relation to the Project are illustrated in Figure 3-4.

**Table 3-7: Updated list of other projects considered within the CIA for Marine Mammals and Megafauna\*.**

Project	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with the Project
<b>Offshore Wind Farms</b>							
North Irish Sea Array (NISA)	Maritime Area Consent; <a href="#">Planning</a>	16.2	18.1	<p><del>EIAR (2024) refers to the construction of an offshore wind farm of up to 500 MW, consisting of up to 49 turbines (Option 1) with a maximum height of 316 m (Option 1) and rotor diameter of up to 276 m and one Offshore substation platforms.</del></p> <p><a href="#">EIAR (2024)</a> details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required.. The proposed export capacity is 700 MW <sup>12</sup></p>	Unknown <a href="#">Estimated 2027-2030</a>	Unknown (Design life minimum 35 years) <a href="#">Estimated commencement in 2030</a>	Potential for overlap with construction and operational and maintenance phases of the Project and therefore potential for physical or temporal overlap.
Dublin Array	Maritime Area Consent; <a href="#">Planning</a>	61.2	57	<p><del>Scoping report (2020) refers to the construction of Bray and Kish offshore wind farm of up to 900 MW, consisting of up to 61 turbines with a maximum height of 308 m and rotor diameter of up</del></p>	Unknown <a href="#">Estimated 2027-2030</a> <a href="#">Construction is anticipated to</a>	Unknown (Design life minimum 35 years)	Potential for construction and operation phases to overlap with the Project. Potential for cumulative effect associated with underwater noise emissions (i.e. greater area of regional habitat affected).

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

<sup>12</sup> <https://northirishseaarraysid.ie/>

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Project	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with the Project
				<p>to 285 m and up to three offshore substation platforms.<sup>13</sup></p> <p>EIAR (2025) refers to the construction of an offshore wind farm with an export capacity of 824 MW. The EIAR considers three design options with a maximum number of turbines of 50 and a maximum rotor diameter of 278 m.<sup>14</sup></p>	range from 18 to 30 months.	Estimated commencement in 2030	
Cooling Wind Park	Maritime Area Consent; Planning	61.4	57.2	<p>EIA Scoping report (2020) refers to the construction of an offshore wind farm of up to 1500 MW, consisting of up to 140 turbines with a maximum height of 320 m and rotor diameter of up to 288 m. The project will also contain up to five offshore substation platforms.<sup>15</sup></p> <p>EIAR (2024) refers to the construction of an offshore wind farm with the export capacity of 1300 MW. Two WTG Layout Options are proposed, with a maximum number of turbines of 75 and a maximum rotor diameter of</p>	<p>Unknown</p> <p>Estimated 2027-2030</p> <p>Construction anticipated to range from three to four years.</p>	<p>Unknown</p> <p>(Design life minimum 35 years)</p> <p>Estimated commencement in 2030</p> <p>25-year operational lifetime.</p>	Potential for overlap with construction and operational and maintenance phases of the Project and therefore potential for physical or conceptual overlap.

<sup>13</sup> Project website: <https://dublinarray.com/project-information/key-facts/>; states between 39 and 50 turbines (total project capacity 824 MW) individual tip heights between approx. 270 m and 310 m.

<sup>14</sup> <https://dublinarray-marineplanning.ie/eiar/>

<sup>15</sup> Project website: <https://coolingwindpark.ie/the-project/>; states max energy output 1300 MW, 100 turbines, turbine tip height max 320 m.

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Project	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with the Project
276. Three offshore substations are required. <sup>16</sup>							
Arklow Bank Wind Park Phase 2	Maritime Area Consent; Planning	107.1	104.7	<p><b>EIA Scoping Report:</b> The project will include between 37 and 56 turbines and up to two Offshore Substation Platforms (OSP) and foundation substructures. The area in which the proposed wind turbines, inter array cables and OSP(s) will be located on Arklow Bank covers an area of seabed approximately 64km<sup>2</sup>.<sup>17</sup></p> <p><b>EIAR (2024)</b> refers to an offshore wind farm with an export capacity of 800 MW. Two Project Design Options are proposed with a maximum number of turbines of 56 and maximum rotor diameter of 250 m. Two offshore substations are required.<sup>18</sup></p>	Unknown Estimated 2027-2030	Unknown (Design life minimum 35 years) Estimated commencement in 2030	Potential for construction and operation phases to overlap with the Project. Potential for cumulative effect associated with underwater noise emissions (i.e. greater area of regional habitat affected).
Morgan Offshore Wind Project: Generation Assets	Planning Consented (not yet constructed)	119	119	Offshore Wind Farm (1.5 G capacity) in English waters. Scoping report indicates up to 107 turbines and up to eight offshore substations. Application not yet submitted.	Unknown Estimated 2026-2030	Unknown Estimated commencement in 2030	Potential for overlap with construction and operational phases of the Project and therefore potential for physical or conceptual overlap.

<sup>16</sup> <https://codlingwindparkplanningapplication.ie/environmental-impact-assessment-report-eiar/>

<sup>17</sup> Project website <https://www.sserenewables.com/> states between 36 and 60 turbines (up to 800MW) along with one to two OSS and foundation substructures, a network of inter-array cabling and two offshore export cables.

<sup>18</sup> <https://www.arklowbank2offshoreplanning.ie/eiar/>

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Project	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with the Project
				<p>EIAR (2024) refers to an offshore wind farm with a maximum of 96 turbines at maximum 364 m tip height. Two offshore substations are required, with the grid connection being applied for separately.<sup>19</sup></p>			
Mona Offshore Wind Project	Planning Consented (not yet constructed)	127	131	<p>Offshore Wind Farm (1.5 GW capacity) in Welsh and English waters. Scoping report indicates up to 107 turbines and up to eight offshore substations. Application not yet submitted.</p> <p>EIAR (2023) refers to an offshore wind farm with an export capacity of over 350 MW. The project design includes up to a maximum of 107 turbines with a maximum tip height of 324 m. Up to four offshore substations will be required.<sup>20</sup></p>	Unknown Estimated 2026-2030	Unknown Estimated commencement in 2030	Potential for overlap with construction and operational and maintenance phases of the Project and therefore potential for physical or conceptual overlap.
Awel y Môr Offshore Wind Farm	Planning Consented (not yet constructed)	142	145	<p>Offshore Wind Farm (500 MW capacity) in Welsh waters. Application submitted but not awarded.</p> <p>EIAR (2024) refers to an offshore wind farm within the east Irish Sea. Two indicative WTG scenarios are proposed with a</p>	01/01/2026 - 31/12/2029	01/01/2030 – 31/12/2055	Potential for overlap with construction and operational activities of the Project to overlap with construction and operational activities of Awel y Môr Offshore Wind Farm.

<sup>19</sup> <https://morecambeandmorgan.com/morgan/documents/>

<sup>20</sup> <https://www.morganandmona.com/en/news-documents/>

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Project	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with the Project
				minimum number of 34 turbines at 206 m rotor diameter, and a maximum number of 50 turbines at 250 m rotor diameter. Up to two offshore substations are included as part of the design. <sup>21</sup>			
Morecambe Offshore Windfarm: Generation Assets	Planning Consented (not yet constructed)	155	155	Offshore Wind Farm (Maximum 960 MW capacity) in English waters. Scoping report indicates up to 40 turbines and up to two offshore substations. Application not yet submitted.  EIAR (2022) refers to an offshore wind farm within the east Irish Sea. Two WTG design options are proposed with a minimum number of 30 turbines at 280 m rotor diameter, and a maximum number of 35 turbines at 260 m rotor diameter. Up to two offshore substations are included as part of the design. <sup>22</sup>	Unknown Estimated 2026-2030	Unknown Estimated commencement in 2030 with a 35-year lifespan	Potential for overlap with construction and operation phases of the Project and therefore potential for physical or conceptual overlap.
Moor Vannin Offshore Wind Farm:	Planning	128	128	EIS (2025) refers to an offshore wind farm within the east Irish Sea. The development will include a maximum of 87 turbines at a maximum 350 m tip height. A maximum of 3 offshore substations will be included. <sup>23</sup>	Estimated 2030-2033	Estimated 2033 - 2068	Potential for overlap with construction and operation phases of the Project and therefore potential for physical or conceptual overlap.

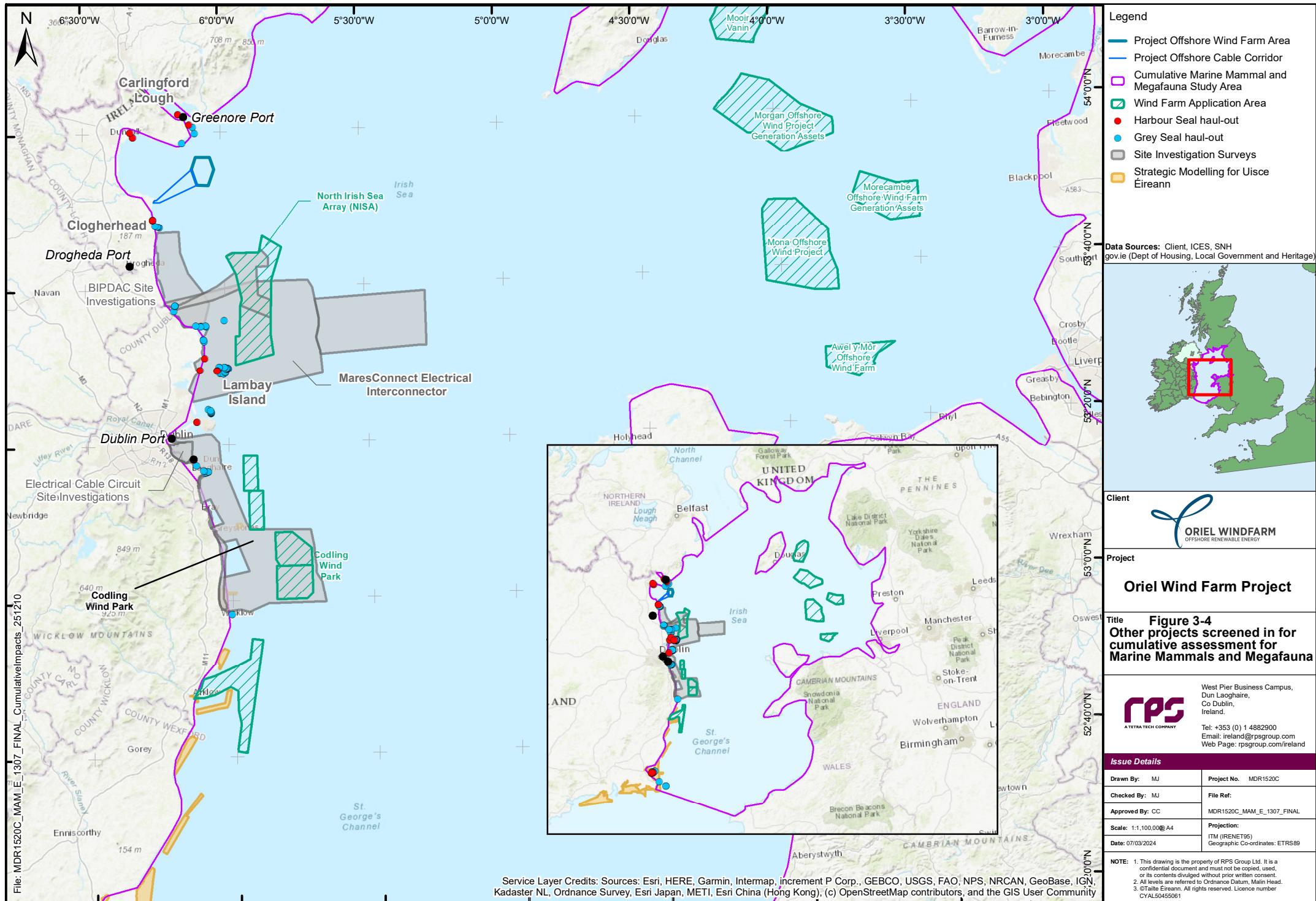
<sup>21</sup> <https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/EN010112>

<sup>22</sup> <https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/EN010121>

<sup>23</sup> <https://mima.gov.im/moor-vannin/>

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Project	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with the Project
<b>Site investigations</b>							
Mainstream Renewable Power Ltd.	Planning Withdrawn	15	18.1	Foreshore Licence application for site investigation works off County Dublin. Surveys include Geophysical, Geotechnical, Metocean and Ecological site investigations.	N/A	Unknown (subject to award of licence).	Potential for construction phase of the Project to overlap with surveys and site investigation activities for other projects. Potential for in-combination effect of subsea noise emissions (i.e. greater area of regional habitat affected). Other site investigation surveys screened out due to large distances from Project (i.e. all other site investigation surveys are 45 km or greater from Project) and since effects are likely to be very localised and short term there is considered to be no physical or conceptual effect-receptor pathway.
Lir Offshore Array	Planning Withdrawn	4.2	0.8	Foreshore Licence application for site investigation works off County Dublin. Surveys include Geophysical, Geotechnical, Metocean and Ecological site investigations.	N/A	Unknown (subject to award of licence)	
MaresConnect Electrical Interconnector	Planning Consented	24.6	23.4	Site investigation surveys for the proposed MaresConnect electrical interconnector between ROI and Wales.	N/A	Unknown (subject to award of licence)	
2024-2029							
<p>26 additional site investigation surveys located between 45.3 km and 287 km from the Project</p> <p>17 ORE site investigation surveys previously considered in the Project's CIA (2024), located between 45 km and 287 km from the Project, are considered to be withdrawn.</p> <p>One ORE site investigation survey has been consented since the Project's CIA (2024), namely Arklow Bank Wind Park (FS007555).</p> <p>Three ORE site investigation surveys have been screened out due to no temporal overlap (Arklow Bank Wind Park (FS007339), RWE Renewable SI (FS007188) and Codling Wind Park SI (FS007546)).</p> <p>One site investigation campaign has been consented since the Project's CIA (2024) (MaresConnect (FS007635)).</p> <p>Six additional site investigation surveys have been awarded Maritime Usage Licences (MULs) since the Project's CIA (2024).</p>							
<p>For the impact of injury and/or disturbance to marine mammal species from vessel activities there is the potential for overlap with construction and operational phases of the Project and therefore potential for physical or conceptual overlap.</p> <p>For the impact of injury and/or disturbance to marine mammals from elevated underwater noise during geophysical surveys there is considered to be no potential for overlap due to distance from the Project (&gt; 45 km).</p>							



## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.4.2 Updated CIA

Table 3-8: Review of project updates that may affect cumulative impact assessment with the Project on Marine Mammals and Megafauna.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Marine Mammals and Megafauna  (volume 2B, chapter 10 & volume 2B Addendum, chapter 10 Addendum)	<p><b>Injury and/or disturbance to marine megafauna from underwater noise during pile-driving.</b></p> <p>As part of the response to the further information request from ACP, an updated noise modelling exercise was conducted to reassess injury ranges and disturbance contours for marine mammals and megafauna receptors associated with piling activities (see chapter 10 Addendum: Marine Mammals and Megafauna and appendix 10-4: Updated Subsea Noise Modelling Report). Furthermore, cumulative population modelling (using the Interim Population Consequences of Disturbance (iPCoD) model) has been undertaken to assess whether cumulative disturbance resulting from pile driving activities from cumulative projects is predicted to result in population level impacts to key marine mammal species for which iPCoD can be applied (harbour porpoise, bottlenose dolphin, minke whale, harbour seal and grey seal) (see appendix 10-10: Cumulative iPCoD Modelling Report).</p> <p>Whilst PTS and TTS ranges were greater for the revised noise modelling compared to noise modelling presented in the EIAR (chapter 10: Marine Mammals and Megafauna and appendix 10-2: Subsea Noise Technical Report) and disturbance contours resulted in greater predicted number of animals likely to be disturbed; the predicted numbers remain relatively low. Additionally, given the low number of piling days for the Project (26 days in total) and the outcomes of the associated Project-alone population modelling (see chapter 10 Addendum: Marine Mammals and Megafauna) it was concluded that the conclusions of the Project EIAR for the impact of Injury and/or disturbance to marine megafauna from underwater noise during pile-driving for the Project alone would not change for any species and no significant effect was concluded. To reduce the risk of PTS and TTS, measures included in the Project will be implemented as part of a marine mammal mitigation plan (MMMP (see appendix 5-4 (EIAR volume 2A Addendum)). Despite the assessment of injury and/or disturbance to marine megafauna from underwater noise during pile driving concluding no significant impact, the Project is committed to the consideration of noise abatement measures for the purpose of reducing sound levels from construction piling and subsequently a MODIGA system has been included in the Project designed-in measures (see appendix 10.8: Comprehensive Review of Relevant Mitigation (Noise Abatement)).</p> <p>An increase in the magnitude of disturbance to marine mammals due to piling at additional projects within the Regional Marine Megafauna Study Area could occur due to the potential for a larger area to be ensonified at any one time (assuming that piling phases of these additional projects overlap with piling at the Project). Information is now available from the respective Environmental Statements for Mona Offshore Wind Project (Mona Offshore Wind Ltd, 2025b), Morgan Offshore Wind Project (Morgan Offshore Wind Ltd., 2025), Morecambe Offshore Windfarm (Morecambe Offshore Wind Ltd, 2025) (which have been updated from Preliminary Environmental Impact Report (PEIR)), Arklow Bank Wind Park Phase 2 (Arklow Bank 2) (SSE Renewables, 2024b), Codling Wind Park (Codling Wind Park Limited, 2024b), NISA (NISA Windfarm Ltd., 2024), Dublin Array (Bray Offshore Wind Limited. and Kish Offshore Wind Limited., 2025) and (additional new screened-in project) Moor Vannin Offshore Wind Farm (Ørsted, 2025a). These eight Tier 1</p>	The addition of the projects, as well as further information on the Projects will not result in any changes to the conclusions of the EIAR CIA.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
	<p>Projects (which have been updated since the EIAR) are located at 127 km, 119 km, 155 km, 107.1 km, 61.4 km, 16.2 km, 61.2 km and 128 km from the Project, respectively.</p>	
	<p>The Arklow Bank Phase 2 EIAR piling scenario includes the installation of 56 wind turbines, each with pile diameters ranging from 7 to 11 m, and two offshore substation platforms (OSP) with pile diameters between 7 and 14 m. Both the turbines and OSPs are expected to use a maximum hammer energy of 6,600 kJ. Piling is estimated to occur over 75 days for the wind turbines and four days for the OSPs. For PTS for harbour porpoise, the maximum predicted <math>SPL_{pk}</math> range during monopile installation was 490 m. For all other species, the maximum <math>SPL_{pk}</math> range was &lt;50 m across all modelled scenarios. The <math>SEL_{cum}</math> PTS ranges were 4,600 m for harbour porpoise, 7,500 m for minke whale, and &lt;100 m for all other species. The largest predicted range for the onset of TTS based on the <math>SPL_{pk}</math> metric was for harbour porpoise at 1,900 m, whilst the largest predicted range for the onset of TTS based on the <math>SEL_{cum}</math> metric was for minke whale, extending up to 98 km. However TTS ranges were presented for context only and Arklow Bank Phase 2 EIAR did not present an assessment against TTS. For disturbance, the maximum number of animals predicted to be disturbed on a single piling day was for harbour porpoise, with a maximum of 3,380 animals (5.41% MU).</p>	
	<p>The Codling Wind Park EIAR (Codling Wind Park Limited, 2024b) includes installation of 75 wind turbines over 75 days and the installation of three OSPs (each requiring up to three piles) using hammer energies ranging between 200 and 4,400 kJ. Piling is estimated to occur over 78 days. For PTS for harbour porpoise and minke whale, the maximum <math>SPL_{pk}</math> range was 620 m and 50 m, respectively. For all other species, the maximum <math>SPL_{pk}</math> range was &lt;50 m across all modelled scenarios. The <math>SEL_{cum}</math> PTS ranges were 4,700 m for harbour porpoise, 7,500 m for minke whale, and &lt;100 m for all other species. Codling Wind Park EIAR did not present ranges for TTS. For disturbance, the maximum number of animals predicted to be disturbed on a single piling day was for harbour porpoise, with 2,667 animals (4.27% MU).</p>	
	<p>The NISA EIAR (NISA Windfarm Ltd., 2024) includes installation of 49 wind turbine and OSP monopiles (12.5 m diameter) using a 5,500 kJ hammer over 51 days, or alternatively, 144 pin-piles (6 m diameter) using a 3,000 kJ hammer over 72 days. For PTS, the maximum <math>SPL_{pk}</math> range was predicted for harbour porpoise as 810 m for monopiles, and for all other species, the maximum <math>SPL_{pk}</math> range was &lt;100 m. The maximum <math>SEL_{cum}</math> range was 15 km for harbour porpoise and 26 km for minke whale. For TTS, the maximum predicted TTS range for <math>SPL_{pk}</math> was 2.1 km for harbour porpoise, whilst the maximum predicted TTS range for <math>SEL_{cum}</math> was 105 km for minke whale. However, TTS ranges were presented for context only and the NISA EIAR did not present an assessment against TTS. For disturbance, the maximum number of animals predicted to be disturbed on a single piling day was for harbour porpoise with 3,896 harbour porpoise (6.25% MU).</p>	
	<p>The Dublin Array EIAR (Bray Offshore Wind Limited. and Kish Offshore Wind Limited., 2025) includes installation of up to 50 wind turbines, using either 13 m diameter monopiles with a maximum hammer energy of 6,372 kJ or 5.75 m pin-piles with a maximum hammer energy of 4,695 kJ. The maximum temporal duration is estimated at 125 days over a 19-month period, associated with the installation of pin-piles. For PTS, for harbour porpoise, the maximum <math>SPL_{pk}</math> range was 150 m. For all other species, the maximum <math>SPL_{pk}</math> range was &lt;50 m and the maximum <math>SEL_{cum}</math> PTS impact range was &lt;150 m for all scenarios modelled. The Dublin Array EIAR did not present ranges for TTS. For disturbance, the maximum number of</p>	

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	<p>animals predicted to be disturbed on a single piling day was 995 harbour porpoises (1.59% MU) and 699 bottlenose dolphins (8.40% MU).</p> <p>Cumulative iPCoD modelling was undertaken for all the western Irish Sea projects (NISA, Arklow Bank Phase 2, Codling Wind Park, Dublin Array and Oriel Wind Farm) (North Irish Sea Array Windfarm Ltd., 2024, Sinclair, 2024) (see Annex 1 in appendix 10-10: Cumulative iPCoD (EIAR volume 2B Addendum). Cumulative population modelling concluded no significant impacts to any marine mammal species resulting from disturbance from pile-driving at the five projects. For bottlenose dolphin there was a predicted decrease in the population in the short-term (as some individuals could be affected during piling at cumulative projects) but the long-term trajectory of the population would not alter and therefore the conclusion was reached that there would be no significant effects on bottlenose dolphin at the population level (North Irish Sea Array Windfarm Ltd., 2024). For all other species considered the impacted population is predicted to follow a stable trajectory in the long-term. It is considered that the revised underwater noise modelling conducted for the Project would not alter the findings of this cumulative iPCoD assessment.</p> <p>The predicted ranges for both PTS and TTS reported for the four other Phase 1 western Irish Sea projects are larger than those presented in both the Project's EIAR and the revised underwater noise modelling results (see appendix 10-4: Updated Subsea Noise Modelling Report). In addition, the majority of the estimated number of animals potentially disturbed by pile-driving activities for the other four Phase 1 Irish Sea projects were greater than those presented for the Project (EIAR and revised noise modelling). This is likely primarily driven by smaller pile sizes and lower hammer energies at the Project, comparatively. Furthermore, the Project contributes only a small proportion of the number of days of piling to the overall results. Therefore, the Project's contribution to the cumulative impact is small in comparison. The Phase 1 Irish Sea projects included in the cumulative iPCoD modelling presented construction phases of between two to five years but piling would only constitute a small proportion of the construction phase and the assessment highlighted that this was a highly conservative assumption in the model (e.g. see section 4.9.4.6 in North Irish Sea Array Windfarm Ltd. (2024)). As such, given that the Project's CIA assumed conservative parameters for the four other Phase 1 Irish Sea projects, when quantitative information was unavailable, whilst there would be small changes to the information presented in the Project's CIA due to new quantitative information being made available for the four other western Irish Sea projects, this would not result in changes to the conclusions of the CIA.</p> <p>For the Mona Offshore Wind Project, PTS injury ranges presented in the Environmental Statement (ES) (Mona Offshore Wind Ltd, 2024) reduced from the Preliminary Environmental Impact Report (PEIR) for all species except for minke whale, with increased impact ranges for the SEL<sub>cum</sub> metric. In the ES, the numbers of harbour porpoise disturbed increased, likely driven by a higher density estimate used compared to PEIR. For all other species the numbers of animals predicted to be disturbed decreased in the assessment presented in the ES. Therefore, whilst there are small changes to the information presented in the Project's CIA due to refinement at ES stage for the Mona Offshore Wind Project, this does not result in changes to the conclusions of the CIA.</p> <p>Similar changes occurred for the Morgan Offshore Wind Project, with reduced injury ranges for all species except for minke whale (with increased SEL<sub>cum</sub> PTS ranges) (Morgan Offshore Wind Ltd., 2025). Numbers of grey seal disturbed increased, but for all other species the numbers of animals disturbed decreased or remained the same in the assessment presented in the ES, compared to PEIR. Therefore, whilst there are small changes to the information presented in the</p>	

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	<p>Project's CIA due to refinement at ES stage for the Morgan Offshore Wind Project, this does not result in changes to the conclusions of the CIA.</p>	
	<p>For the Morecambe Offshore Windfarm ES (Morecambe Offshore Wind Ltd, 2025), PTS ranges differed from PEIR with a small increase in the maximum <math>SPL_{pk}</math> range for harbour porpoise. <math>SEL_{cum}</math> ranges increased for all species, with a maximum range of 13 km for minke whale (previously 4.4 km at PEIR). At ES, the numbers of harbour porpoise disturbed increased, compared to PEIR, but the number of grey seal and harbour seal decreased. For all other species the approach was not comparable, but the significance of effect did not change. Therefore, whilst there are changes to the information presented in the Project's CIA due to refinement at ES stage for the Morecambe Offshore Windfarm, this does not result in changes to the conclusions of the CIA.</p>	
	<p>For Moor Vannin Offshore Wind Farm, for PTS the maximum <math>SPL_{pk}</math> PTS-onset impact range for single piling was 0.12 km and 0.8 km for concurrent piling. The maximum <math>SEL_{cum}</math> range was 19.04 km for single piling and 35.32 km for concurrent piling the magnitude was concluded as minor for harbour porpoise, minke whale, grey seal, harbour seal and negligible for bottlenose dolphin, Risso's dolphin and common dolphin for both single and concurrent piling (Ørsted, 2025a).</p>	
	<p>Furthermore, cumulative iPCoD modelling (see appendix 10-10 Cumulative iPCoD (EIAR volume 2B Addendum) as a result of the Project cumulatively with all eight other offshore wind projects in the Irish Sea region demonstrated no significant impacts to any marine mammal species modelled (harbour porpoise, bottlenose dolphin, minke whale, grey seal and harbour seal) resulting from disturbance from cumulative pile driving at projects within the Irish Sea region, and the relative contribution of the Project (which is only 26 days of piling) to cumulative disturbance is minimal.</p>	
	<p>In summary residual conclusions of no significant effect were reached for all eight projects. Overall, it is considered highly unlikely that piling would coincide across all eight projects within the Irish Sea. Cumulative population models included in the applications for Mona Offshore Wind Project, Morgan Offshore Wind Project and Morecambe Offshore Windfarm, the Phase 1 Irish Sea Projects supported the conclusions of no residual significant adverse effects. Additionally, cumulative population modelling for Phase 1 projects in the western Irish Sea (Sinclair, 2024) and modelling for all projects in the Irish sea (appendix 10-10 Cumulative iPCoD) supported conclusions of no significant effects. Therefore, whilst there would be small changes to the information presented in the Project's CIA, it is concluded that the significance of effect would remain as '<b>slight adverse</b>' significance.</p>	
	<p><b>Injury and/or disturbance to marine megafauna from elevated underwater noise during routine geophysical surveys</b></p>	<p>The addition of the projects, as well as further information on the Projects will not result in any changes to the conclusions of the EIAR CIA.</p>
	<p>Site-investigation surveys for the MaresConnect (ID 276) Arklow Bank Wind Park Phase 2 (ID 81) have now been consented (a change from the EIAR), and the project has been licenced (ending 25/07/2025) and due to end before operation at the Project (2030) therefore there is no anticipated temporal overlap.</p> <p>New site-investigation surveys include those for North Irish Sea Array (ID 269), Codling Wind Park (ID 270), EirGrid Electrical Cable Circuit crossing Dublin Bay (ID 285), East Coast Rail Infrastructure Protection Projects (ECRIPP) (ID 277), port infrastructure at Dublin and Meath (ID 278) and Marine environmental surveys for the Uisce Éireann strategic modelling (ID 350).</p>	

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In the Project's EIAR marine mammal and megafauna CIA, a conservative approach was taken by assuming a worst-case scenario in which up to two geophysical site-investigation surveys could temporally overlap with site-investigation surveys at the Project. This approach was also taken on the basis that there are practical limitations on the number of survey vessels that can operate simultaneously, making it highly unlikely that all surveys listed in Table 3-7 would overlap in time. A total of 21 site-investigation surveys located between 6 km and 287 km from the project remain screened in; however, there is considered to be no potential for overlap due to distance from the Project, with the majority lying >45 km from the Project.

- Marine environmental surveys for the Uisce Éireann strategic modelling study of water currents and bathymetry along the Southeast coast of Ireland (ID 350) (>100 km), includes boat-based ADCP surveys and single beam and multibeam echosounders, LiDAR, and GPS rover for surveying of intertidal areas. The works are proposed to commence in the summer of 2025 and continue into 2026 for the monitoring and sampling, and therefore likely to have been completed prior to the commencement of the offshore construction of the Project (2028) and no increased cumulative effect is expected. Furthermore this project site lies 101 km from the Project and any effects would likely be highly localised and short-term.
- Site-investigation surveys for Codling Wind Park (ID 270) (56 km from the Project), EirGrid (ID 285) (55 km from the Project) and ECRIPP (ID 277) (58 km from the project) are all located a considerable distance from the Project and the associated effects are expected to be highly localised and short-term. However, given that the approach at EIAR assumed a maximum of two additional surveys with the potential to temporally overlap with site-investigation surveys at the Project, and the location of these sites from the Project, it is considered that even if survey activities were to temporally overlap with those of the Project, no increased cumulative impact is anticipated.
- Site-investigation surveys for the location and design of port infrastructure at Dublin and Meath (ID 278) are in closer proximity to the Project (6 km), and include multibeam echosounder (MBES), side scan sonar (SSS) and sub-bottom profiling equipment. Sonar-like geophysical survey systems have very strong directivity which effectively means that there is only potential for injury when a marine mammal is directly underneath the sound source or directly within the swathe and once the animal moves outside of the main beam, there is significantly reduced potential for injury. In the unlikely event that surveys were to overlap temporally between the Project and the Dublin and Meath port surveys, the distance between these projects is greater than the maximum spatial range over which injury or disturbance associated with geophysical survey methods is likely to occur (1,410 m) and therefore it is considered there would be no increased cumulative effect.

Therefore, it is considered that the significance of effect considering the updated projects would remain unchanged and would remain as '**slight adverse**' significance for marine mammal and megafauna receptors.

#### Injury and/or disturbance to marine megafauna from vessel activities

The Mona Offshore Wind Project ES (Mona Offshore Wind Ltd, 2024) presented an increase in the maximum total number of construction vessels on site at any one time from 80 (in the PEIR) to 96 vessels, as well as an increase in the maximum number of return trips per year (increasing from 2,004 to 2,199). The magnitude of injury remained 'negligible' and disturbance remained 'low', and the sensitivity of the receptor remained 'high' for injury and 'medium' for

The addition of the projects, as well as further information on the Projects will not result in any changes to

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	<p>disturbance, and therefore it is considered there would be no increased cumulative effect from the assessment in the 2024 CIA.</p>	<p>the conclusions of the EIAR CIA.</p>
	<p>The Morgan Offshore Wind Project ES (Morgan Offshore Wind Ltd., 2025) presented the same maximum total number of construction vessels at any one time as PEIR (69 vessels) but the maximum number of return trips per year increased (increasing from 1,878 to 1,929). The magnitude of injury remained 'negligible' and disturbance remained 'low', and the sensitivity of the receptor remained 'high' for injury and 'medium' for disturbance, and therefore it is considered there would be no increased cumulative effect from the assessment in the 2024 CIA.</p>	
	<p>The Morecambe OWF: Generation Assets ES (Morecambe Offshore Wind Ltd, 2025) presented an increase in the maximum total number of construction vessels on site at any one time from 30 (in the PEIR) to 37 vessels, but with fewer return trips per year (2,778 return trips in the PEIR, to 2,583 in the ES). The magnitude of both TTS and disturbance remained 'low to negligible' in the ES, with a sensitivity of 'medium' and therefore it is considered there would be no increased cumulative effect from the assessment in the 2024 CIA.</p>	
	<p>Arklow Bank Wind Park Phase 2 EIAR (SSE Renewables, 2024b) reported a maximum of 66 installation vessels in the Array Area at any one time and a maximum of 4,150 vessel trips over the construction phase (maximum of 1,797 vessel return trips per year during the construction phase). The EIA predicted no significant effects from disturbance from vessels for the project alone, and excluded the impact from the CIA, adopting an Environmental Vessel Management Plan (EVMP) which includes measures to minimise the potential disturbance for marine mammals from vessel activities.</p>	
	<p>The Codling Wind Park EIAR (Codling Wind Park Limited, 2024b) reported a maximum total of 75 vessels and 2,409 annual return trips (maximum of 38 operating on site simultaneously). The NISA EIAR (NISA Windfarm Ltd., 2024) reported a maximum total of 67 vessels and 3,008 total return trips (maximum of 49 operating on site simultaneously). Both Codling and NISA concluded disturbance from vessels to be not significant for the construction, operational and decommissioning phases for the project alone and both projects have committed to adopting an EVMP. The effect was also excluded from NISA CEA due to the highly localised impact.</p>	
	<p>Dublin Array (Bray Offshore Wind Limited. and Kish Offshore Wind Limited., 2025) estimated a maximum of 74 construction vessels, with 2,510 round trips over the three-year construction period. The project also committed to the implementation of a Vessel Management Plan (VMP) and concluded no significant adverse residual effects were predicted during the operations and maintenance phase in respect of marine mammals.</p>	
	<p>Additional vessels from survey projects could also temporally overlap with the construction, operation and decommissioning phases of the Project. These include:</p>	
	<ul style="list-style-type: none"> <li>• EirGrid Electrical Cable Circuit crossing Dublin Bay (ID 285) ((with construction and operation phases of project);</li> </ul>	

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	<ul style="list-style-type: none"> <li>• East Coast Rail Infrastructure Protection Projects (ECRIPP) (ID 277) (with construction and operation phases of project);</li> <li>• Port infrastructure at Dublin and Meath (ID 278) (with construction and operation phases of project); and</li> <li>• Marine environmental surveys for the Uisce Éireann strategic modelling study of water currents and bathymetry along the South East coast of Ireland (ID 350)(with construction and operation phases of project).</li> </ul> <p>The specific type and number vessels to be used by these projects have not yet been determined however surveys are expected to be short to medium term, and the numbers of vessels are expected to be very low compared to those required at the Project (likely up to two per project). Additionally (as for the impact of injury and/or disturbance to marine megafauna from elevated underwater noise during routine geophysical surveys) it is highly unlikely that all surveys would be conducted simultaneously, due to practical limitations, and therefore the increase in vessels at any one time is expected to be extremely low. As such, no increased cumulative effect is anticipated.</p> <p>The temporal overlap in construction activities of the Project with construction/operations and maintenance activities for these projects will be approximately two years. The duration of vessel activity is considered to be medium term (throughout the construction phase of the Project) and localised for each project; however, it should be noted that vessel movements will occur intermittently over this period. Cumulatively, the total number of vessels associated with construction and operations and maintenance phases of respective projects will represent an increase in vessel activity within the Regional Marine Megafauna Study Area. Considering that the assessment is based on the maximum design parameters, it is likely that the number of vessels present at respective projects at any given time will be lower and, it is considered unlikely to lead to any change to the conclusions of the EIAR marine mammals and megafauna CIA (<b>'slight or imperceptible adverse' significance</b>) in the context of ongoing baseline vessel activity in the Regional Marine Megafauna Study Area.</p>	

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### 3.5 Offshore Ornithology

#### 3.5.1 Updated list of projects

The projects screened into the CIA for Offshore Ornithology are outlined in Table 3-9. The locations of screened in projects in relation to the Project are illustrated in Figure 3-5.

**Table 3-9: Updated list of other projects considered within the CIA for Offshore Ornithology\*.**

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
North Irish Sea Array (NISA) Offshore Wind Farm	Maritime Area Consent; Planning	16.2	18.1	<p>EIAR (2024) refers to the construction of an offshore wind farm of up to 500 MW, consisting of up to 49 turbines (Option 1) with a maximum height of 316 m (Option 1) and rotor diameter of up to 276 m and one Offshore substation platforms.</p> <p>EIAR (2024) details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required.. The proposed export capacity is 700 MW <sup>24</sup></p>	Unknown Estimated 2027-2030	Unknown (Design life minimum 35 years) Estimated commencement in 2030	Potential for construction, operation and maintenance and decommissioning phases to overlap with the Project.
Dublin Array Offshore Wind Farm	Maritime Area Consent; Planning	61.2	57	<p>Scoping report (2020) refers to the construction of Bray and Kish offshore wind farm of up to 900 MW, consisting of up to 61 turbines with a maximum height of 308 m and rotor diameter of up to 285 m and up to three offshore substation platforms.<sup>25</sup></p>	Unknown Estimated 2027-2030 Construction is anticipated to range from 18 to 30 months.	Unknown (Design life minimum 35 years) Estimated commencement in 2030	Potential for construction, operation and maintenance and decommissioning phases to overlap with the Project.

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

<sup>24</sup> <https://northirishseaarraysid.ie/>

<sup>25</sup> Project website: <https://dublinarray.com/project-information/key-facts/>: states between 39 and 50 turbines (total project capacity 824 MW) individual tip heights between approx. 270 m and 310 m.

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				<p>EIAR (2025) refers to the construction of an offshore wind farm with an export capacity of 824 MW. The EIAR considers three design options with a maximum number of turbines of 50 and a maximum rotor diameter of 278 m.<sup>26</sup></p>			
Cooling Wind Park	Maritime Area Consent; Planning	61.4	57.2	<p>EIA Scoping report (2020) refers to the construction of an offshore wind farm of up to 1500 MW, consisting of up to 140 turbines with a maximum height of 320 m and rotor diameter of up to 288 m. The project will also contain up to five offshore substation platforms.<sup>27</sup></p> <p>EIAR (2024) refers to the construction of an offshore wind farm with the export capacity of 1300 MW. Two WTG Layout Options are proposed, with a maximum number of turbines of 75 and a maximum rotor diameter of 276. Three offshore substations are required.<sup>28</sup></p>	<p>Unknown</p> <p>Estimated 2027-2030</p> <p>Construction anticipated to range from three to four years.</p>	<p>Unknown</p> <p>(Design life minimum 35 years)</p> <p>Estimated commencement in 2030</p> <p>25-year operational lifetime</p>	<p>Potential for overlap with construction, operation and maintenance and decommissioning phases.</p>
Arklow Bank Wind Farm Phase 2	Maritime Area Consent; Planning	107.1	104.7	<p>EIA Scoping Report: The project will include between 37 and 56 turbines and up to two Offshore Substation Platforms (OSP) and foundation substructures. The area in which the proposed wind turbines, inter-array cables and OSP(s) will be located on Arklow Bank covers</p>	<p>Unknown</p> <p>Estimated 2027-2030</p>	<p>Unknown</p> <p>(Design life minimum 35 years)</p> <p>Estimated commencement in 2030</p>	<p>Potential for overlap with construction, operation and maintenance and decommissioning phases.</p>

<sup>26</sup> <https://dublinarray-marineplanning.ie/eiar/>

<sup>27</sup> Project website: <https://coolingwindpark.ie/the-project/> states max energy output 1300 MW, 100 turbines, turbine tip height max 320 m.

<sup>28</sup> <https://coolingwindparkplanningapplication.ie/environmental-impact-assessment-report-eiar/>

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				<p>an area of seabed approximately 64km<sup>2</sup>.<sup>29</sup></p> <p>EIAR (2024) refers to an offshore wind farm with an export capacity of 800 MW. Two Project Design Options are proposed with a maximum number of turbines of 56 and maximum rotor diameter of 250 m. Two offshore substations are required.<sup>30</sup></p>			
Holyhead Deep – Phase 1 (Mnesto Tidal Kite)	Operational (partial)	105.7	108	Underwater tidal kites, one 0.5MW tidal kite operational in 2017, plans for up to 60 1.2MW devices.	2017 to ongoing	2018 to ongoing	Potential for overlap with construction, operation and maintenance and decommissioning phases.
Morgan Offshore Wind Farm – Generation Assets	Consented (not yet constructed)	119.5	124	<p>PEIR indicates up to 107 wind Turbines</p> <p>Up to 96 wind turbines. 1,500MW capacity.</p>	Unknown	2026 to 2029	Unknown 2030 to 2065
Arklow Bank Wind Farm Phase 1	Operational; Application to decommission	120.2	117.5	Seven 3.6 MW turbines. Hub height 73.5m. Rotor diameter 124m.	2002 to 2003	2004 to 2028	Potential for overlap with operation and maintenance phase.
Mona Offshore Wind Farm	Consented (not yet constructed)	127.1	131.4	<p>PEIR indicates up to 107 wind Turbines</p> <p>Up to 96 wind turbines. 1,500MW capacity.</p>	Unknown	2026 to 2029	Unknown 2030 to 2065

<sup>29</sup> Project website <https://www.sserenewables.com/>; states between 36 and 60 turbines (up to 800MW) along with one to two OSS and foundation substructures, a network of inter-array cabling and two offshore export cables.

<sup>30</sup> <https://www.arklowbank2offshoreplanning.ie/eiar/>

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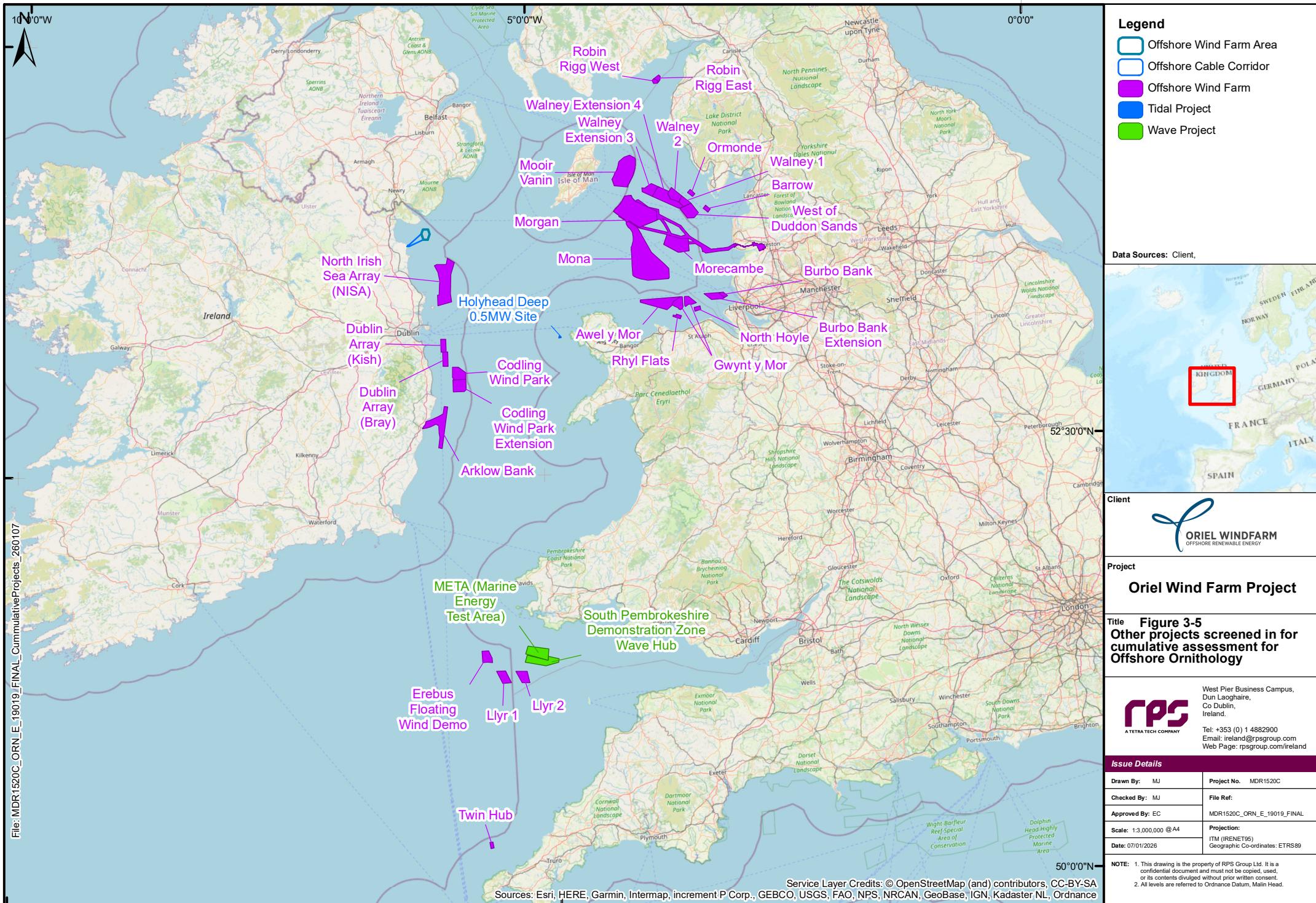
Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
Walney Extension 3 Offshore Wind Farm	Operational	139.9	144.6	40 8.25MW turbines. Hub height 113m. Rotor diameter 164m	2017	2018 to 2039	Potential for overlap with operation and maintenance phase.
Awel y Môr Offshore Wind Farm	Consented (not yet constructed)	142.4	145.2	Up to 50 turbines. Rotor diameter up to 306m and a minimum of 11.5MW per turbine.  Up to 100 MW (48 to 91 wind turbines)	2026 to 2029 2030 2055	2030 to 2065	Potential for overlap with construction, operation and maintenance and decommissioning phases.
Walney Extension 4 Offshore Wind Farm	Operational	146	150.6	47 7MW turbines. Hub height 111m. Rotor diameter 154m	2017	2018 to 2039	Potential for overlap with operation and maintenance phase.
Morecambe Offshore Wind Farm - Generation Assets	Planning – PIER submitted  Consented (not yet constructed)	151.3	155.2	PEIR report indicates up to 40 wind turbines. 480MW capacity.	Unknown  2026 to 2028	2030 - 2065	Potential for overlap with construction, operation and maintenance and decommissioning phases.
Walney 2 Offshore Wind Farm	Operational	155.8	160.5	51 3.6MW turbines. Hub height 84m. Rotor diameter 107m.	2011	2012 to 2032	Potential for overlap with operation and maintenance phase.
Walney 1 Offshore Wind Farm	Operational	162.5	166.7	51 3.6MW turbines. Hub height 84m. Rotor diameter 107m.	2010	2010 to 2032	Potential for overlap with operation and maintenance phase.
West of Duddon Sands Offshore Wind Farm	Operational	162.3	166.7	108 3.6MW turbines. Hub height 90m Rotor diameter 120m.	2013 to 2014	2014 to 2033	Potential for overlap with operation and maintenance phase.
Gwynt y Mor Offshore Wind Farm	Operational	163.4	166.3	160 3.MW turbines. Hub height 98m. Rotor diameter 107m.	2012	2015 to 2032	Potential for overlap with operation and maintenance phase.
Rhyl Flats Offshore Wind Farm	Operational	165.6	168.3	25 3.6MW turbines. Hub height 80m. Rotor diameter 107m.	2007	2009 to 2027	Potential for overlap with operation and maintenance and decommissioning phases.

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
Ormonde Offshore Wind Farm	Operational	168.6	173.2	30 5MW turbines. Hub Height 100m. Rotor diameter 126m.	2010	2012 to 2036	Potential for overlap with operation and maintenance phase.
Robin Rigg Offshore Wind Farm	Operational	173.3	178.5	58 3MW turbines. Hub height 80m Rotor diameter 90m.	2009	2010 to 2030	Potential for overlap with operation and maintenance phase.
North Hoyle Offshore Wind Farm	Operational	177.1	180.0	30 2MW turbines. Hub height 70m. Rotor diameter 80m.	2003	2004 to 2028	Potential for overlap with operation and maintenance phase.
Barrow Offshore Wind Farm	Operational	177.2	181.6	30 3MW turbines. Hub height 75m. Rotor diameter 90m.	2005	2006 to 2028	Potential for overlap with operation and maintenance phase.
Burbo Bank Offshore Wind Farm Extension	Operational	181.1	184.3	32 8.0MW turbines. Hub height 105m. Rotor diameter 160m	2016	2017 to 2045	Potential for overlap with operation and maintenance phase.
Burbo Bank Offshore Wind Farm	Operational	191.1	194.4	23 3.6MW turbines. Hub height 78m. Rotor diameters 107m.	2006	2007 to 2039	Potential for overlap with operation and maintenance phase.
Marine Energy Test Areas (META) Pembrokeshire	Operational	253.9	~250	Tidal, wave and floating offshore wind test site.	2019	2019 to 2029	Potential for overlap with operation and maintenance phase.
Erebus Offshore Wind Farm	Planning – consented (not yet constructed)	267.9	265.4	100MW capacity demonstration & testing site for floating wind.	2025	2026 to 2051	Potential for overlap with construction, operation and maintenance and decommissioning phases.
South Pembrokeshire Demonstration Zone – Wave Hub	Planning	273.8	~270	Wave energy test site of up to 100 MW	2019	2019 to 2048	Potential for overlap with construction, operation and maintenance and decommissioning phases.
Moor Vannin Wind Farm	Planning –ES submitted	112	127	Up to 87 wind turbines. Up to 1.4GW capacity	Estimated 2030-2032	Estimated 2033 – unknown	Potential for overlap with construction, operation

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
Twinhub	Planning - consented	391	388	Two floating offshore wind platforms, each with two wind turbines. Installed capacity of 32 MW.	2024 – 2025	2026 - unknown	and maintenance and decommissioning phases.
Llŷr floating offshore wind project	Planning	282	279	Up to 10 wind turbine generators (WTGs)	2027-2029	2039-Unknown	Potential for overlap with construction, operation and maintenance and decommissioning phases.



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**3.5.2 Updated CIA**

The Applicant can confirm that magnitude of impact presented in this section is given in context of the breeding population and non-breeding populations, including juveniles/immature birds. As stated in section 11.10 of chapter 11: Offshore Ornithology, the proportion of juveniles to adult birds was taken from Horswill and Robinson (2015). In the non-breeding season, the Biologically Defined Minimum Population Scales (BDMPS) populations from Furness (2015) were used, which accounts for individuals of all ages. The colonies included within each species' breeding foraging range, together with the associated colony counts, are listed in appendix 11-7: Offshore Ornithology Apportioning Impacts to Individual Colonies (EIAR volume 2B). For the cumulative impact assessment, the Applicant has used the largest population estimates from Furness (2015), as detailed in Table 11-11 and section 11.11 of the chapter 11, except for the common gull. In this case, an aggregated winter population estimate for the UK and Ireland as presented in Section 11.11 of the chapter 11. The information is summarised in Table 3-10.

**Table 3-10: Population used for the project alone assessment and the Cumulative Impact Assessment (CIA).**  
 Colony counts within foraging range (Woodward et al., 2019) were extracted from the Seabird Monitoring Programme (SMP) online database (available online at: <https://app.bto.org/seabirds/public/index.jsp>). Proportion of immatures in the breeding population derived from Horswill and Robinson (2015) are also presented.

Species	Mean maximum foraging range plus one SD (adults only)	Proportion of immatures in the breeding population (derived from Horswill and Robinson, 2015)	Mean maximum foraging range plus one SD (adults and immatures) for the project alone assessment	CIA population (largest BDMPS population (adults and immatures)
Arctic tern	N/A	N/A	N/A	N/A
Black guillemot	N/A	N/A	N/A	N/A
Black-headed gull	N/A	N/A	N/A	N/A
Common gull	N/A	N/A	N/A	734,567
Common scoter	N/A	N/A	N/A	N/A
Common tern	N/A	N/A	N/A	N/A
Cormorant	N/A	N/A	N/A	N/A
Fulmar	N/A	N/A	N/A	N/A
Gannet	150,897	0.761	265,730	N/A
Great black-backed gull	1,192	1.538	3,025	53,181
Great northern diver	N/A	N/A	N/A	2,128
Great skua	N/A	N/A	N/A	N/A
Guillemot	351,632	0.916	673,727	1,567,398
Herring gull	9,666	1.37	22,908	196,791
Kittiwake	78,274	0.898	148,564	928,207
Lesser black-backed gull	N/A	N/A	N/A	N/A
Manx shearwater	1,289,394	0.840	2,372,485	N/A
Puffin	N/A	N/A	N/A	N/A
Razorbill	55,886	0.876	104,842	606,914
Red-breasted merganser	N/A	N/A	N/A	N/A
Red-throated diver	N/A	N/A	N/A	N/A
Roseate tern	N/A	N/A	N/A	N/A
Sandwich tern	N/A	N/A	N/A	N/A
Shag	N/	N/A	N/A	N/A

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### 3.5.3 Disturbance and displacement during the operational and maintenance phase

There is potential for cumulative displacement as a result of operational activities associated with the Project along with other developments.

The level of data available and the ease with which disturbance and displacement impacts can be combined across the wind farms is quite variable, reflecting the availability of relevant data for other projects and the approach to assessment taken. During the operation and maintenance phase, the presence of offshore turbines has the potential to directly disturb and displace seabirds that would normally reside within and around the area of sea where offshore wind farms are located. Displacement may contribute to individual birds experiencing fitness consequences, which at an extreme level could lead to the mortality of individuals. Cumulative displacement therefore has the potential to lead to effects on a wider scale.

The species assessed for cumulative displacement impacts were great northern diver, guillemot and razorbill.

With regards to this CIA of displacement effects, suitable information was obtained from each relevant project's publicly available documentation. As requested by the regulators the amount of data available and the practicality of combining impacts across projects is variable. Wherever possible, the cumulative assessment is quantitative, however where no data is available, the cumulative assessment is qualitative.

#### 3.5.3.1 Great northern diver

##### Magnitude of impact

Great northern divers are a non-breeding species in the Irish Sea and are confined to a relatively small foraging range. During passage and the wintering season, most individuals occupy nearshore coastal waters. Accordingly, Table 3-11 includes only those projects within Irish waters that could contribute to cumulative impacts on the non-breeding population of great northern diver.

No species-specific assessments for great northern diver have been undertaken for any Irish projects. Peak counts within 4 km of the various array areas are presented below. The lack of detailed assessment of potential impacts for Tier 1 projects in other parts of the Irish Sea indicates that the magnitude of potential impacts at those sites was deemed to be negligible.

**Table 3-11: Great northern diver cumulative abundances for offshore wind projects for disturbance and displacement assessment during operation.**

Project	Non-breeding cumulative abundance	Pre-breeding season cumulative abundance	Post-breeding season cumulative abundance	Migration free winter season abundance
<b>Tier 1 projects</b>				
Arklow Bank Wind Farm Phase 1	No data presented			
Arklow Bank Wind Farm Phase 2	10	0	0	10
Codling Wind Park	54	12	8	35
Dublin Array Offshore Wind Farm	4	2	1	2
NISA Offshore Wind Farm	18	3	0	15
<b>Total (Tier 1 projects)</b>	<b>86</b>	<b>16</b>	<b>9</b>	<b>61</b>
Oriel Wind Farm Project	382	Not presented		

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Project	Non-breeding cumulative abundance	Pre-breeding season cumulative abundance	Post-breeding season cumulative abundance	Migration free winter season abundance
Cumulative total (all projects)	468	Not presented for Oriel		

Using 90 - 100 % displacement and 1 % mortality results in an estimated annual mortality of four to five birds. Burke *et al.* (2018) estimated a non-breeding population of 2,128 for Ireland (Table 3-10) and approximate background mortality at a rate of 0.161 gives a background annual mortality of 343 birds. This results in an increase of baseline mortality of 1.23% to 1.37%. However, this approach is very highly precautionary, considering that all birds within the area 4 km from the offshore wind farm area are displaced. It is more realistic to consider that there may be high displacement rate in areas closer to the offshore wind farm area with less displacement as distance increases.

The cumulative impact of disturbance and displacement caused by operational and maintenance activities during the non-breeding season is predicted to be of local spatial extent, long term duration, continuous and medium reversibility and any increases in mortality associated with operational and maintenance activities are unlikely to significantly affect the population. It is predicted that the impact will affect the receptor both directly and indirectly. The magnitude is considered to be low.

### Sensitivity of receptor

As detailed within the alone assessment, great northern diver are deemed to be of high vulnerability and high conservation value. The sensitivity of the receptor is therefore, considered to be high.

### Significance of the effect

Overall, the magnitude of the cumulative impact is deemed to be low and the sensitivity of great northern diver is considered to be high. The cumulative effect will, therefore, be of **slight adverse significance** depending on the degree of overlap between the operation phase of the projects, which is currently unknown.

#### 3.5.3.2 Guillemot

##### Magnitude of impact

The estimated cumulative abundance of guillemot from the CIA projects, for which data is available is presented in Table 3-12. There are a number of projects for which there are no, or limited, data on the number of guillemot predicted to be displaced, in particular, for some of the earlier developments. The abundances presented for the Project are the larger of the boat-based or DAS estimates.

**Table 3-12: Guillemot cumulative abundances for offshore wind projects for disturbance and displacement assessment during operation.**

Project	Annual cumulative abundance	Breeding season cumulative abundance	Non-breeding season cumulative abundance
<b>Tier 1 projects</b>			
Holyhead Deep – Phase 1 (Minesto Tidal Kite)	Underwater collision predicted		
Arklow Bank Wind Farm Phase 1	Not presented		
Walney Extension 3 + 4 Offshore Wind Farms	6096	4169	1927
Awel y Môr Offshore Wind Farm	4488	1569	2919
Walney 1 + 2 Offshore Wind Farms	388	161	227

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Project	Annual cumulative abundance	Breeding season cumulative abundance	Non-breeding season cumulative abundance
West of Duddon Sands Offshore Wind Farm	1487	1321	166
Gwynt y Mor Offshore Wind Farm	354	149	205
Rhyl Flats Offshore Wind Farm	117	49	68
Ormonde Offshore Wind Farm	968	912	56
Robin Rigg Offshore Wind Farm	226	138	88
North Hoyle Offshore Wind Farm	108	45	63
Barrow Offshore Wind Farm	105	43	62
Burbo Bank Offshore Wind Farm Extension	2561	1000	1561
Burbo Bank Offshore Wind Farm	99	41	58
Erebus Offshore Wind Farm	35339	7001	28338
Twinhub Offshore Wind Farm	256	39	217
7,976 Mona Offshore Wind Farm	7,976	4,220	3,756
Morgan Offshore Wind Farm – Generation Assets	7,834	4,010	3,824
Morecambe Offshore Wind Farm - Generation Assets	14,689	6,374	8,315
Arklow Bank Wind Farm Phase 2	8,122	3,033	5,079
Codling Wind Park	16,964	3,624	13,340
Dublin Array Offshore Wind Farm	20,750	18,687	2,063
NISA Offshore Wind Farm	43,468	13,703	29,765
Llŷr floating offshore wind project	15,035	2,026	13,009
Moor Vannin Wind Farm	4,419	2,111	2,308
<b>Total (Tier 1 projects)</b>	<b>191,849</b>	<b>74,426</b>	<b>117,414</b>
Oriel Wind Farm Project	3,490	820	2,670
<b>Cumulative total (all projects)</b>	<b>195,339</b>	<b>75,246</b>	<b>120,084</b>

For the cumulative displacement assessment, 50% displacement and 1% mortality was used to be in line with recent evidence from Hornsea projects which indicate the level of displacement is not as high as stated within the SNCB document (SNCB, 2022).

As the data was not presented consistently with some data not presented for a specific season, an assessment of the annual total is included. Annually, the displacement from operation of all projects/plans would result in an estimated 977 additional mortalities (using 50% displacement and 1% mortality).

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Holyhead Deep tidal project predicted an addition of 7.9 underwater collisions; therefore the total cumulative impact would be 985.

Using the largest BDMPS population of 1,567,398 individuals (non-breeding period, adapted from Furness, 2015 – see table 11-11 in Chapter 11 Offshore Ornithology and Table 3-12) and the average baseline mortality of 0.198, the background predicted mortality would be 310,345. The addition of an estimated 985 mortalities would increase the baseline mortality rate by 0.32 %. It is considered that a reduction of 0.32 % to be of low significance.

These numbers demonstrate that the operations and maintenance phase of the Project combined with the operations phase of the surrounding projects in the Irish Sea would cumulatively not cause a significant impact to the regionally guillemot population.

### Sensitivity of receptor

As detailed above within the alone assessment, guillemot are deemed to be of high vulnerability, medium recoverability and high conservation value. The sensitivity of the receptor is therefore considered to be high.

### Significance of the effect

Overall, the magnitude of the cumulative impact is deemed to be low and the sensitivity of guillemot are considered to be high. The cumulative effect will therefore be of **slight adverse significance**, which is not significant in EIA terms.

### 3.5.3.3 Razorbill

#### Magnitude of impact

The estimated cumulative abundance of razorbill from the CIA projects, for which data is available is presented in Table 3-13. There are a number of projects for which there are no, or limited, data on the number of guillemot predicted to be displaced, in particular, for some of the earlier developments. The abundance presented for the Project are the larger of the boat-based or DAS estimate.

**Table 3-13: Razorbill cumulative abundances for offshore wind projects for disturbance and displacement assessment during operation.**

Project	Annual cumulative abundance	Pre-breeding season cumulative abundance	Breeding season cumulative abundance	Post-breeding season cumulative abundance	Non-breeding season cumulative abundance
Holyhead Deep – Phase 1 (Minesto Tidal Kite)	Underwater collision predicted				
Arklow Bank Wind Farm Phase 1	No data presented				
Walney Extension 3 + 4 Offshore Wind Farms	4,016	-	76	874	3,066
Awel y Môr Offshore Wind Farm	692	336	140	66	150
Walney 1 + 2 Offshore Wind Farms	111	40	12	25	34
West of Duddon Sands Offshore Wind Farm	202	-	-	-	202

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Project	Annual cumulative abundance	Pre-breeding season cumulative abundance	Breeding season cumulative abundance	Post-breeding season cumulative abundance	Non-breeding season cumulative abundance
Gwynt y Mor Offshore Wind Farm	105	39	12	22	32
Rhyl Flats Offshore Wind Farm	33	12	4	7	10
Ormonde Offshore Wind Farm	198	10	174	6	8
Robin Rigg Offshore Wind Farm	103	15	63	11	14
North Hoyle Offshore Wind Farm	29	11	3	6	9
Barrow Offshore Wind Farm	8	3	1	2	2
Burbo Bank Offshore Wind Farm Extension	93	-	64	-	29
Burbo Bank Offshore Wind Farm	28	10	3	6	9
Erebus Offshore Wind Farm	3,867	896	194	1,708	1,069
Twinhub Offshore Wind Farm	65	-	12	-	53
Mona Offshore Wind Farm	2,519	1,924	83	91	421
Morgan Offshore Wind Farm – Generation Assets	1,787	328	35	254	1,170
Morecambe Offshore Wind Farm - Generation Assets	1,979	382	252	694	651
Arklow Bank Wind Farm Phase 2	8,313	3,711	211	2,319	2,072
Codling Wind Park	6,083	409	674	4,360	640
Dublin Array Offshore Wind Farm	3,897	478	1,068	2,070	281
NISA Offshore Wind Farm	6,101	483	68	3,371	2,079
Llŷr floating offshore wind project	2,659	257	21	1,888	493
Moor Vannin Wind Farm	2,136	1194	76	653	214
<b>Total (Tier 1 projects)</b>	<b>45,024</b>	<b>10,538</b>	<b>3,346</b>	<b>18,433</b>	<b>12,708</b>

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Project	Annual cumulative abundance	Pre-breeding season cumulative abundance	Breeding season cumulative abundance	Post-breeding season cumulative abundance	Non-breeding season cumulative abundance
Oriel Wind Farm Project	2,659	859	12	962	512
<b>Cumulative total (all projects)</b>	<b>47,683</b>	<b>11,397</b>	<b>3,358</b>	<b>19,395</b>	<b>13,220</b>

For the cumulative displacement assessment, 50 % displacement and 1 % mortality was used to be in line with recent evidence from Hornsea projects which indicate the level of displacement is not as high as stated within the SNCB document (SNCB, 2022).

As the data was not presented consistently with some data not presented for a specific season, an assessment of the annual total is included. Annually, the displacement from operation of all projects/plans would result in an estimated 238 additional mortalities (using 50% displacement and 1% mortality). Holyhead Deep tidal project predicted an addition of 0.8 underwater collisions, therefore the total cumulative impact would be 239.

Using the largest BDMPS population of 606,914 individuals (post- and pre-breeding migration, adapted from Furness, 2015 – see table 11-11 in Chapter 11 Offshore Ornithology and Table 3-10) and the average baseline mortality of 0.129, the background predicted mortality would be 78,292. The addition of an estimated 239 mortalities would increase the baseline mortality rate by 0.30 %. It is considered that a reduction of 0.30 % to be of **low** significance.

These numbers demonstrate that the operations and maintenance phase of the Project combined with the operations phase of the surrounding projects in the Irish Sea would cumulatively not cause a significant impact to the regional razorbill population.

### Sensitivity of receptor

As detailed above within the alone assessment, razorbill are deemed to be of high vulnerability, medium recoverability and high conservation value. The sensitivity of the receptor is therefore considered to be high.

### Significance of the effect

Overall, the magnitude of the cumulative impact is deemed to be low and the sensitivity of razorbill are considered to be high. The cumulative effect will therefore be of **slight adverse significance**, which is not significant in EIA terms.

#### 3.5.3.4 Conclusion

As presented above, the CIAs for these projects, including the Project, all concluded that there would be no potential for significant effects as a result of these projects when considered cumulatively.

Therefore, it is considered that the significance of effect for disturbance and displacement considering the additional information and cumulative projects would be unchanged from that presented in chapter 11: Offshore Ornithology and would remain of slight adverse significance which is not significant in EIA terms.

### 3.5.4 Collision risk during the operational and maintenance phase

The Project area, together with that of other offshore wind farms may contribute to cumulative collision risk during the operational and maintenance phase of the developments. Other projects screened into the assessment within the Cumulative Offshore Ornithology Study Area are presented in Table 3-9. The five species identified as potentially impacts by the project alone during operational and maintenance phase were common gull, gannet, great black-backed gull, herring gull and kittiwake; these species have therefore been assessed for cumulative impacts. The five species selected for CRM were screened in for assessment based on their perceived vulnerability to collision (e.g. Furness *et al.*, 2013), together with their abundance

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within the baseline dataset. The estimated number of collisions presented for the Project is from Band Option 2, to allow direct comparisons with the other projects.

Collision estimates were available for some of the above species for some of the offshore wind farms located in UK and Irish waters; together with the Project alone annual collision risk estimates (the largest risk from the Project is presented, from the differing Band Model options and survey methods), these are summarised in Table 3-14 to Table 3-17 below. The estimated number of collisions presented for other Phase 1 projects has been derived from the most impactful scenario for each project. Specifically, for Llyr 1 this is a 10-turbine scenario; for Arklow 2 this is Project Option 1b; for NISA this is Project Option 2, for Colding this is Project Option A, Band Option 2 and for Dublin Array this is turbine model option A, Band Option 2. As a result, this provides an insight into the most impactful scenario for predicted collision risk, with cumulative impacts expected to be lower.

### 3.5.4.1 Common gull

#### Magnitude of impact

The estimated cumulative collision risk of common gull from the CIA projects, for which data is available is presented in Table 3-14. There are a number of projects for which there are no, or limited, data on the number of common gull predicted to be impacted, in particular, for some of the earlier developments.

**Table 3-14: Common gull cumulative collision risk of other wind farm sites included in the CIA.**

Project	Annual cumulative collision risk	Breeding cumulative collision risk	Non-breeding cumulative collision risk
Holyhead Deep – Phase 1 (Minesto Tidal Kite)	No collisions predicted due to nature of the technology		
Arklow Bank Wind Farm Phase 1	No data presented		
Walney Extension 3 + 4 Offshore Wind Farms	21.2	Not presented	Not presented
Awel y Môr Offshore Wind Farm	0.14	Not presented	Not presented
Walney 1 + 2 Offshore Wind Farms	No data presented		
West of Duddon Sands Offshore Wind Farm	No data presented		
Gwynt y Mor Offshore Wind Farm	No data presented		
Rhyl Flats Offshore Wind Farm	No data presented		
Ormonde Offshore Wind Farm	No data presented		
Robin Rigg Offshore Wind Farm	No data presented		
North Hoyle Offshore Wind Farm	No data presented		
Barrow Offshore Wind Farm	No data presented		
Burbo Bank Offshore Wind Farm Extension	No data presented		
Burbo Bank Offshore Wind Farm	No data presented		
Erebus Offshore Wind Farm	No data presented		

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Project	Annual cumulative collision risk	Breeding cumulative collision risk	Non-breeding cumulative collision risk
Twinhub Offshore Wind Farm	No data presented		
Mona Offshore Wind Farm	Not data presented		
Morgan Offshore Wind Farm – Generation Assets	Not data presented		
Morecambe Offshore Wind Farm - Generation Assets	3.41	Not presented	Not presented
Arklow Bank Wind Farm Phase 2	137.00	0.55	3.28
Codling Wind Park	1.54	0.00	0.19
Dublin Array Offshore Wind Farm	3.51	0.13	3.38
NISA Offshore Wind Farm	4.70	0.00	0.77
Llŷr floating offshore wind project	No data presented		
Moor Vannin Wind Farm	No data presented		
<b>Cumulative Total (Tier 1 projects)</b>	<b>168.69</b>	<b>0.68</b>	<b>7.61</b>
Oriel Wind Farm Project	20.25	0.00	20.25
<b>Cumulative total (all projects)</b>	<b>188.94</b>	<b>0.68</b>	<b>27.86</b>

Using an amalgamated UK and Ireland winter population estimated of 734,567 individuals (713,129 from the UK, Channel Isles and Isle of Man (Banks *et al.*, 2007) and an additional 21,438 from Ireland (Burke *et al.*, 2018)) and the average baseline mortality of 0.253, the background predicted mortality would be 185,845.

The addition of an estimated 188.94 mortalities would increase the baseline mortality rate by 0.10 %. Using both the UK and Ireland population is appropriate due to many of the cumulative projects occurring within UK waters.

The impact of collisions is predicted to be of international spatial extent, long term duration, continuous and high reversibility. Therefore, the magnitude is considered to be low.

### Sensitivity of receptor

As detailed above within the alone assessment, common gull are deemed to be of high vulnerability, high recoverability and high conservation value. The sensitivity of the receptor is therefore considered to be high.

### Significance of the effect

Overall, the magnitude of the impact is deemed to be low and the sensitivity of the receptor is considered to be high. The effect will, therefore, be of **slight adverse significance**, which is not significant in EIA terms.

#### 3.5.4.2 Great black-backed gull

##### Magnitude of impact

The estimated cumulative collision risk of great black-backed gull from the CIA projects, for which data is available is presented in Table 3-15. There are a number of projects for which there are no, or limited, data on the number of great black-backed gull predicted to be impacted, in particular, for some of the earlier developments.

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**Table 3-15: Great black-backed gull cumulative collision risk of other wind farm sites included in the CIA.**

Project	Annual cumulative collision risk	Non-breeding cumulative collision risk
Holyhead Deep – Phase 1 (Minesto Tidal Kite)		No collisions predicted due to nature of the technology
Arklow Bank Wind Farm Phase 1		Not data presented
Walney Extension 3 + 4 Offshore Wind Farms	16.2	Not presented
Awel y Môr Offshore Wind Farm	5.94	0.62
Walney 1 + 2 Offshore Wind Farms	8.39	3.78
West of Duddon Sands Offshore Wind Farm	8.32	2.68
Gwynt y Mor Offshore Wind Farm	10.27	4.53
Rhyl Flats Offshore Wind Farm	1.91	1.01
Ormonde Offshore Wind Farm	0.29	
Robin Rigg Offshore Wind Farm	4.16	2.18
North Hoyle Offshore Wind Farm	1.69	0.73
Barrow Offshore Wind Farm	2.21	1.42
Burbo Bank Offshore Wind Farm Extension	6.69	2.75
Burbo Bank Offshore Wind Farm	2.31	1.00
Erebus Offshore Wind Farm	0.82	0.82
Twinhub Offshore Wind Farm	15.74	
Mona Offshore Wind Farm	4.83	3.16
Morgan Offshore Wind Farm – Generation Assets	5.70	4.60
Morecambe Offshore Wind Farm - Generation Assets	1.75	1.09
Arklow Bank Wind Farm Phase 2	1.83	1.83
Codling Wind Park	4.22	0.07
Dublin Array Offshore Wind Farm	9.01	5.29
NISA Offshore Wind Farm	21.96	2.19
Llŷr floating offshore wind project	1.64	0.24
Moor Vannin Wind Farm	1.52	0.65
<b>Cumulative Total (Tier 1 projects)</b>	<b>137.39</b>	<b>40.65</b>

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Project	Annual cumulative collision risk	Non-breeding cumulative collision risk
Oriel Wind Farm Project	67.01	2.58
<b>Cumulative total (all projects)</b>	<b>204.40</b>	<b>44.00</b>
		<b>46.53</b>

Using the largest BDMPS population of 53,181 individuals (winter population, adapted from Furness, 2015 – see Table 11.11 in Chapter 11 Offshore Ornithology and Table 3-10) and the average baseline mortality of 0.095, the background predicted mortality would be 5,052. The addition of an estimated 204.40 mortalities would increase the baseline mortality rate by 4.05 %.

Within the cumulative assessment for great black-backed gull an AR of 0.9939 presented within Table 3-15. This is in line with the Natural England AR (Table 11-40 in Chapter 11 Offshore Ornithology). However as presented within the alone assessment the latest evidence as to the species specific AR (Ozsantal-Harris *et al.*, 2023), an AR of 0.9991 is presented and evidenced from empirical data.

Using the latest available evidence as to the susceptibility of great black-backed gull the estimated collisions would be 31.14 birds. Using the most recent AR, the addition of an estimated 31.14 mortalities would increase the baseline mortality rate by 0.62 %.

The impact of collisions is predicted to be of national spatial extent, long term duration, continuous and high reversibility. Therefore, the magnitude is considered to be low.

### Sensitivity of receptor

As detailed above as part of the alone assessment during the non-breeding season great black-backed gull are deemed to be of high vulnerability, high recoverability and high conservation value. The sensitivity of the receptor is therefore considered to be high.

### Significance of the effect

Overall, the magnitude of the impact is deemed to be low and the sensitivity of the receptor is considered to be high. The effect will therefore be of **slight adverse significance**, which is not significant in EIA terms.

#### 3.5.4.3 Herring gull

##### Magnitude of impact

The estimated cumulative collision risk of herring gull from the CIA projects, for which data is available is presented in Table 3-16. There are a number of projects for which there are no, or limited, data on the number of herring gull predicted to be impacted, in particular, for some of the earlier developments.

**Table 3-16: Herring gull cumulative collision risk of other wind farm sites included in the CIA.**

Project	Annual cumulative collision risk	Breeding cumulative collision risk	Non-breeding cumulative collision risk
Holyhead Deep – Phase 1 (Minesto Tidal Kite)	No collisions predicted due to nature of the technology		
Arklow Bank Wind Farm Phase 1	Not data presented		
Walney Extension 3 + 4 Offshore Wind Farms	62	38	24
Awel y Môr Offshore Wind Farm	2.96	1.66	1.3

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Project	Annual cumulative collision risk	Breeding cumulative collision risk	Non-breeding cumulative collision risk
Walney 1 + 2 Offshore Wind Farms	30.69	19.56	11.13
West of Duddon Sands Offshore Wind Farm	39.63	32.37	7.26
Gwynt y Mor Offshore Wind Farm	38.89	21.32	17.57
Rhyl Flats Offshore Wind Farm	7.62	5.18	2.44
Ormonde Offshore Wind Farm	0.44		
Robin Rigg Offshore Wind Farm	10.15	6.92	3.23
North Hoyle Offshore Wind Farm	4.36	2.39	1.97
Barrow Offshore Wind Farm	16.15	14.34	1.81
Burbo Bank Offshore Wind Farm Extension			
Burbo Bank Offshore Wind Farm	3.38	1.85	1.53
Erebus Offshore Wind Farm	3.77	2.32	1.45
Twinhub Offshore Wind Farm	27.5		
Mona Offshore Wind Farm	1.51	0.03	1.48
Morgan Offshore Wind Farm – Generation Assets	9.9	2	7.9
Morecambe Offshore Wind Farm - Generation Assets	4.16	1.78	2.38
Arklow Bank Wind Farm Phase 2	1.50	0.00	0.25
Codling Wind Park	20.64	3.20	0.24
Dublin Array Offshore Wind Farm	36.01	16.14	19.87
NISA Offshore Wind Farm	47.70	2.42	5.53
Llŷr floating offshore wind project	No data presented		
Moor Vannin Wind Farm	9.76	1.35	8.32
<b>Cumulative total (Tier 1 projects)</b>	<b>402.47</b>	<b>172.83</b>	<b>119.66</b>
Oriel Wind Farm Project	91.89	5.22	10.09
<b>Cumulative total (all projects)</b>	<b>494.36</b>	<b>178.05</b>	<b>129.75</b>

The non-breeding BDMPS for herring gull was estimated to be 196,791 individuals (see Table 11-11 in Chapter 11 Offshore Ornithology and Table 3-10). Using the published figures provided above and the baseline mortality rate (all age class mortality rate of 0.172; see 11-12 in chapter 11: Offshore Ornithology) during the non-breeding period an estimated 38,848 herring gull would die naturally. The addition of up to 494.36 individual collisions represents a 1.27 % increase in mortality. Although this represents an approximately 1% increase in baseline mortality, a population viability analysis (PVA) was not undertaken because PVAs are not specifically designed for non-breeding birds.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

The impact of collisions is predicted to be of international spatial extent, long term duration, continuous and high reversibility. Therefore, the magnitude is considered to be low.

### Sensitivity of the receptor

As detailed above as part of the alone assessment herring gull are deemed to be of high vulnerability, medium recoverability and high conservation value. The sensitivity of the receptor is therefore considered to be high.

### Significance of the effect

Overall, the magnitude of the impact is deemed to be **low** and the sensitivity of the receptor is considered to be high. The effect will therefore be of **slight adverse significance**, which is not significant in EIA terms.

#### 3.5.4.4 Kittiwake

##### Magnitude of impact

The estimated cumulative collision risk of kittiwake from the CIA projects, for which data is available is presented in Table 3-17. There are a number of projects for which there are no, or limited, data on the number of herring gull predicted to be impacted, in particular, for some of the earlier developments.

**Table 3-17: Kittiwake cumulative collision risk of other wind farm sites included in the CIA.**

Project	Annual cumulative collision risk	Pre-breeding cumulative collision risk	Breeding cumulative collision risk	Post-breeding cumulative collision risk
Holyhead Deep – Phase 1 (Minesto Tidal Kite)	No collisions predicted due to nature of the technology			
Arklow Bank Wind Farm Phase 1	Not presented			
Walney Extension 3 + 4 Offshore Wind Farms	183.9	23.2	28.7	132
Awel y Môr Offshore Wind Farm	53.86	23.38	17.81	12.67
Walney 1 + 2 Offshore Wind Farms	9.37	1.72	5.07	2.58
West of Duddon Sands Offshore Wind Farm	10.74	2.59	3.99	4.16
Gwynt y Mor Offshore Wind Farm	3.62	0.84	1.45	1.33
Rhyl Flats Offshore Wind Farm	3.27	0.75	1.34	1.18
Ormonde Offshore Wind Farm	4.99	Not presented	Not presented	Not presented
Robin Rigg Offshore Wind Farm	3.34	0.74	1.33	1.27
North Hoyle Offshore Wind Farm	3.22	0.77	1.47	0.98
Barrow Offshore Wind Farm	2.63	0.63	1.19	0.81
Burbo Bank Offshore Wind Farm Extension	64	Not presented	Not presented	Not presented

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Project	Annual cumulative collision risk	Pre-breeding cumulative collision risk	Breeding cumulative collision risk	Post-breeding cumulative collision risk
Burbo Bank Offshore Wind Farm	2.22	0.54	0.84	0.84
Erebus Offshore Wind Farm	57.52	19.11	0.77	37.64
Twinhub Offshore Wind Farm	10.8			
Mona Offshore Wind Farm	32.67	8.74	15.52	8.41
Morgan Offshore Wind Farm – Generation Assets	40	5.3	16.4	18.3
Morecambe Offshore Wind Farm - Generation Assets	25.44	0.62	16.32	8.5
Arklow Bank Wind Farm Phase 2	209.20	37.33	3.33	2.77
Codling Wind Park	18.10	2.15	0.90	1.17
Dublin Array Offshore Wind Farm	29.49	5.45	13.57	10.49
NISA Offshore Wind Farm	23.85	0.75	1.70	3.93
Llŷr floating offshore wind project	2.56	0.19	0.31	0.12
Moor Vannin Wind Farm	46.92	19.32	11.07	16.53
<b>Cumulative total (Tier 1 projects)</b>	<b>789.80</b>	<b>134.78</b>	<b>132.01</b>	<b>249.15</b>
Oriel Wind Farm Project	55.05	6.63	1.53	1.69
<b>Cumulative total (all projects)</b>	<b>844.85</b>	<b>141.41</b>	<b>133.54</b>	<b>250.84</b>

Using the largest BDMPS population of 928,207 individuals (autumn migration population, adapted from Furness, 2015 – see Table 11-11 in chapter 11: Offshore Ornithology) and the average baseline mortality of 0.156, the background predicted mortality would be 144,800. The addition of 844.85 mortalities would increase the baseline mortality rate by up to 0.58 %.

The impact of collisions is predicted to be of international spatial extent, long term duration, continuous and high reversibility. Therefore, the magnitude is considered to be low.

### Sensitivity of the receptor

As detailed above as part of the alone assessment kittiwake are deemed to be of high vulnerability, low recoverability and high conservation value. The sensitivity of the receptor is therefore considered to be high.

### Significance of the effect

Overall, the magnitude of the impact is deemed to be low and the sensitivity of the receptor is considered to be high. The effect will, therefore, be of **slight adverse significance**, which is not significant in EIA terms.

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**ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT**

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**3.5.4.5 Conclusion**

As presented above, the CIAs for these projects, including the Project, all concluded that there would be no potential for significant effects as a result of these projects when considered cumulatively.

Therefore, it is considered that the significance of effect for collision considering the additional information and cumulative projects would be unchanged from that presented in chapter 11: Offshore ornithology and would remain of slight adverse significance which is not significant in EIA terms.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.6 Commercial Fisheries

### 3.6.1 Updated list of projects

The projects screened into the CIA for Commercial Fisheries are outlined in Table 3-18. The locations of screened in projects in relation to the Project are illustrated in Figure 3-6.

**Table 3-18: Updated list of other projects considered within the CIA for Commercial Fisheries\*.**

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project/Plan	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with the Project
<b>Offshore Wind Farms</b>							
North Irish Sea Array (NISA)	Maritime Area Consent; Planning	16.2	18.1	<p>EIAR (2024) refers to the construction of an offshore wind farm of up to 500 MW, consisting of up to 49 turbines (Option 1) with a maximum height of 316 m (Option 1) and rotor diameter of up to 276 m and one Offshore substation platforms.</p> <p>EIAR (2024) details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required. The proposed export capacity is 700 MW <sup>31</sup></p>	Unknown Estimated 2027-2030	Unknown (Design life minimum 35 years) Estimated commencement in 2030	Potential for construction and operation phases to overlap with the Project.
Dublin Array	Maritime Area Consent; Planning	61.2	57	<p>Scoping report (2020) refers to the construction of Bray and Kish offshore wind farm of up to 900 MW, consisting of up to 61 turbines with a maximum height of</p>	Unknown Estimated 2027-2030 Construction is anticipated to	Unknown (Design life minimum 35 years)	Potential for construction and operation phases to overlap with Project.

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

<sup>31</sup> <https://northirishseaarraysid.ie/>

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project/Plan	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with the Project
				<p>308 m and rotor diameter of up to 285 m and up to three offshore substation platforms.<sup>32</sup></p> <p>EIAR (2025) refers to the construction of an offshore wind farm with an export capacity of 824 MW. The EIAR considers three design options with a maximum number of turbines of 50 and a maximum rotor diameter of 278 m.<sup>33</sup></p>	range from 18 to 30 months.	Estimated commencement in 2030	
Codling Wind Park	Maritime Area Consent; Planning	61.4	57.2	<p>EIA Scoping report (2020) refers to the construction of an offshore wind farm of up to 1500 MW, consisting of up to 140 turbines with a maximum height of 320 m and rotor diameter of up to 288 m. The project will also contain up to five offshore substation platforms.<sup>34</sup></p> <p>EIAR (2024) refers to the construction of an offshore wind farm with the export capacity of 1300 MW. Two WTG Layout Options are proposed, with a maximum number of turbines of 75 and a maximum rotor diameter of 276. Three offshore substations are required.<sup>35</sup></p>	<p>Estimated 2027-2030</p> <p>Construction anticipated to range from three to four years.</p>	<p>Unknown (Design life minimum 35 years)</p> <p>Estimated commencement in 2030</p> <p>25-year operational lifetime</p>	Potential for construction and operation phases to overlap with the Project.

<sup>32</sup> Project website: <https://dublinarray.com/project-information/key-facts/>; states between 39 and 50 turbines (total project capacity 824 MW) individual tip heights between approx. 270 m and 310 m.

<sup>33</sup> <https://dublinarray-marineplanning.ie/eiar/>

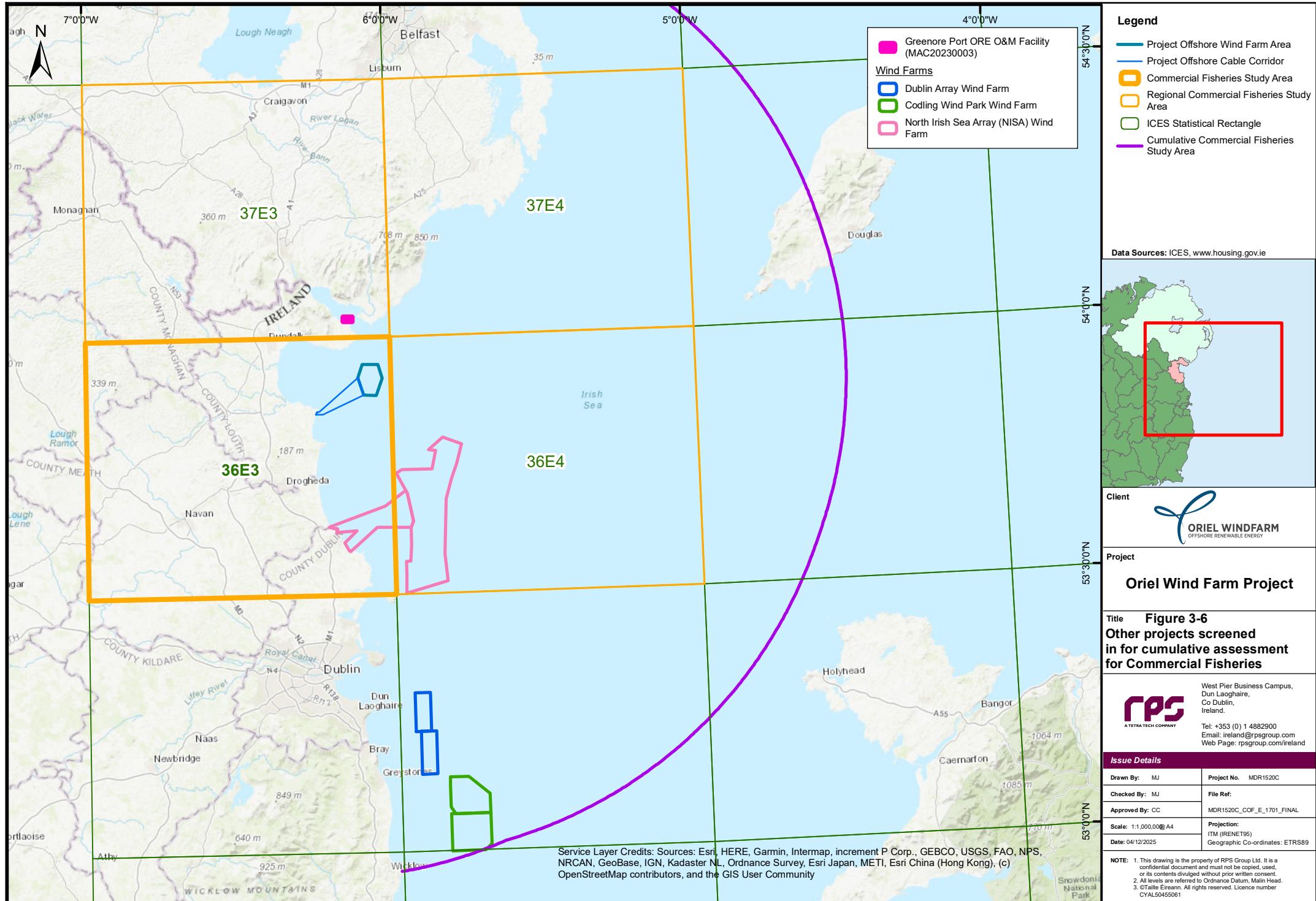
<sup>34</sup> Project website: <https://codlingwindpark.ie/the-project/>; states max energy output 1300 MW, 100 turbines, turbine tip height max 320 m.

<sup>35</sup> <https://codlingwindparkplanningapplication.ie/environmental-impact-assessment-report-eiar/>

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project/Plan	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with the Project
Greenore Port – ORE O&M Facility	Maritime Area Consent received and Planning consented	9.9	12.4	EIAR (2024) details the construction of an O&M facility consisting of three standalone buildings, nearshore work and supporting infrastructure. It will require a pontoon to accommodate Crew Transfer Vessels. Dredging within the nearshore and the construction of a new quay wall is also required. <sup>36</sup>	3 years estimated 2025 to 2028	60 years	Potential for construction and operation phases to overlap with the Project.

<sup>36</sup> EIAR: [15\\_2460294-eiar-vol ii eiар chapters-a6997e2a-0d55-4588-9a5c-3c2b62944766.pdf](#)



## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.6.2 Updated CIA

Table 3-19: Review of project updates that may affect cumulative impact assessment with the Project for Commercial Fisheries.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Commercial Fisheries (volume 2B, chapter 12 & volume 2B Addendum, chapter 12 Addendum)	<p><b>Displacement of fishing activity</b></p> <p>There is potential for cumulative reduction in access to or exclusion from established fishing grounds as a result of project activities associated with the Project and other projects that are under construction or development. These include the wind farms: NISA, Dublin Array and Codling Wind Park, as well as the Greenore Project.</p> <p>The NISA Project may result in displacement of fishing activity due to the construction and presence of wind turbine and offshore substation platform (OSP) foundations. Displacement of Irish demersal otter trawlers during construction was identified as a potential, localised impact during the construction phase. Displacement into grounds traditionally fished by potters was identified, however, the seabed targeted for nephrops (muddy sediment) is distinct from that where lobster and crab are targeted (hard, rocky substrate), thus lowering the likelihood for displacement into conflicting grounds (NISA, 2024).</p> <p>The offshore construction period of 30 months for the Dublin Array Project assumes commercial fishing will not take place with advisory passing distances of 500 m around the infrastructure under construction, and therefore displacement of fishing activity is a potential impact. The consequence of the impact upon the Irish Whelk fishery was identified as medium adverse, requiring gear relocation and displacement into alternate grounds. Impacts upon other fisheries such as potting and dredge was assessed as low adverse due to limited activity recorded within the vicinity of the proposed Dublin Array site (Kish Offshore Wind Farm Ltd., 2025).</p> <p>The Codling Wind Park was similarly assessed for displacement of fishing activity, with the magnitude of impact upon the whelk potting fishery identified as medium adverse due to the traditional fishing grounds extending across the entirety of the array site, totalling 126km<sup>2</sup> of overlap (Codling Wind Park, 2025). 14% of fishing grounds routinely targeted for whelk will be unavailable for fishing activity as a result of the Codling Wind Park construction. All other fisheries, including crab and lobster potting, static netting, scallop dredge and other commercial fleets were assessed, and the magnitude of impact was found to be at most, low adverse, due to limited activity within or surrounding the proposed array site for the Codling Wind Park.</p> <p>The proposed project boundaries for the NISA, Dublin Array, Codling Wind Park support active Irish potting fleets targeting whelk. Given the low level of whelk potting within the Project boundary, and that whelk was not identified as a commercially important species within the vicinity of the offshore wind farm area, this is not expected to raise the cumulative effect beyond that assessed for the Project alone. Additionally, Dublin Array and Codling Wind Park do not support established nephrops fishing grounds and therefore will not raise the cumulative effect of displacement upon these fisheries beyond that which is assessed for the Project alone. In addition to the reasoning outlined above, it is anticipated that fishing activities, particularly static gear fisheries such as potting, will continue within operational offshore wind farm array areas. Evidence from existing projects supports this expectation; the developer Ørsted has reported that commercial potting for species such as lobster occurs successfully within the operational wind farm Westermost Rough (Ørsted (n.d.)). Therefore, we are not anticipating any changes to the conclusions of the cumulative impact assessment (CIA) as presented in the EIAR.</p> <p>The Greenore ORE Facility is a development involving the construction of operation and maintenance facilities to serve offshore wind farms. The development will comprise the following:</p> <ul style="list-style-type: none"> <li>• Three standalone buildings including: warehouse (681 sqm), office space (322 sqm), plant storage (667 sqm);</li> <li>• Nearshore work involving harbour dredging, additional berths, a new quay wall;</li> </ul>	No change to the conclusions of the EIAR.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
	<ul style="list-style-type: none"><li>Additional supporting infrastructure.</li></ul> <p>As Greenore Port is privately owned, commercial fishing vessels do not land catch at Greenore. Additionally, there are no active fisheries in the surrounding area, therefore, there is no additional cumulative effect assessed for commercial fishing fleets with respect to the Oriel Wind Farm Project.</p> <p>The quantification of the above projects in relation to displacement of fishing activity does not change the conclusion as provided in the EIAR (2024). The cumulative impact is predicted to be of a local spatial extent, surrounding the proposed offshore wind farm area, and be temporary in nature, during the construction and operational and maintenance phases, thus the effect remains of <b>slight adverse significance</b>.</p>	

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.7 Shipping & Navigation

### 3.7.1 Updated list of projects

The projects screened into the CIA for Shipping and Navigation are outlined in Table 3-20. The locations of screened in projects in relation to the Project are illustrated in Figure 3-7.

**Table 3-20: Updated list of other projects considered within the CIA for Shipping and Navigation\*.**

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
<b>Site investigation works</b>							
Site Investigations off Co. Dublin (Mainstream Renewable Power Ltd – Ref No. FS007373)	Planning Withdrawn	4.2	-0.8	Foreshore Licence application for site investigation works off County Dublin. Surveys include Geophysical, Geotechnical, Metocean and Ecological site investigations.	N/A	2022-2027 (subject to award of licence)	Potential to increase vessel movements within Cumulative Shipping and Navigation Study Area during construction phase. Potential to result in further displacement of vessels already affected by the Project.
Site Investigations for the proposed Lir Offshore Array, off Counties Louth, Meath and Dublin (Lir Offshore Array Ltd Ref No. FS007392).	Planning Withdrawn	15	-8.1	The Foreshore Licence application is to undertake surveys and site investigations to inform development and project design for the proposed site. Surveys include geophysical, geotechnical, environmental and Metocean.	N/A	2023-2027 (subject to award of licence)	
<b>Offshore Renewable Energy Projects</b>							
North Irish Sea Array (NISA)	Maritime Area Consent; Planning	16.2	18.1	EIA Scoping Report (2021) refers to the construction of an offshore wind farm of up to 500 MW, consisting of 36 turbines with a maximum height of 320 m and rotor diameter of up to 290 m.	Unknown Estimated 2027-2030	Unknown (Design life minimum 35 years) Estimated commencement in 2030	Potential to increase vessel movements within the Cumulative Shipping and Navigation Study Area. Potential to result in further displacement of vessels

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

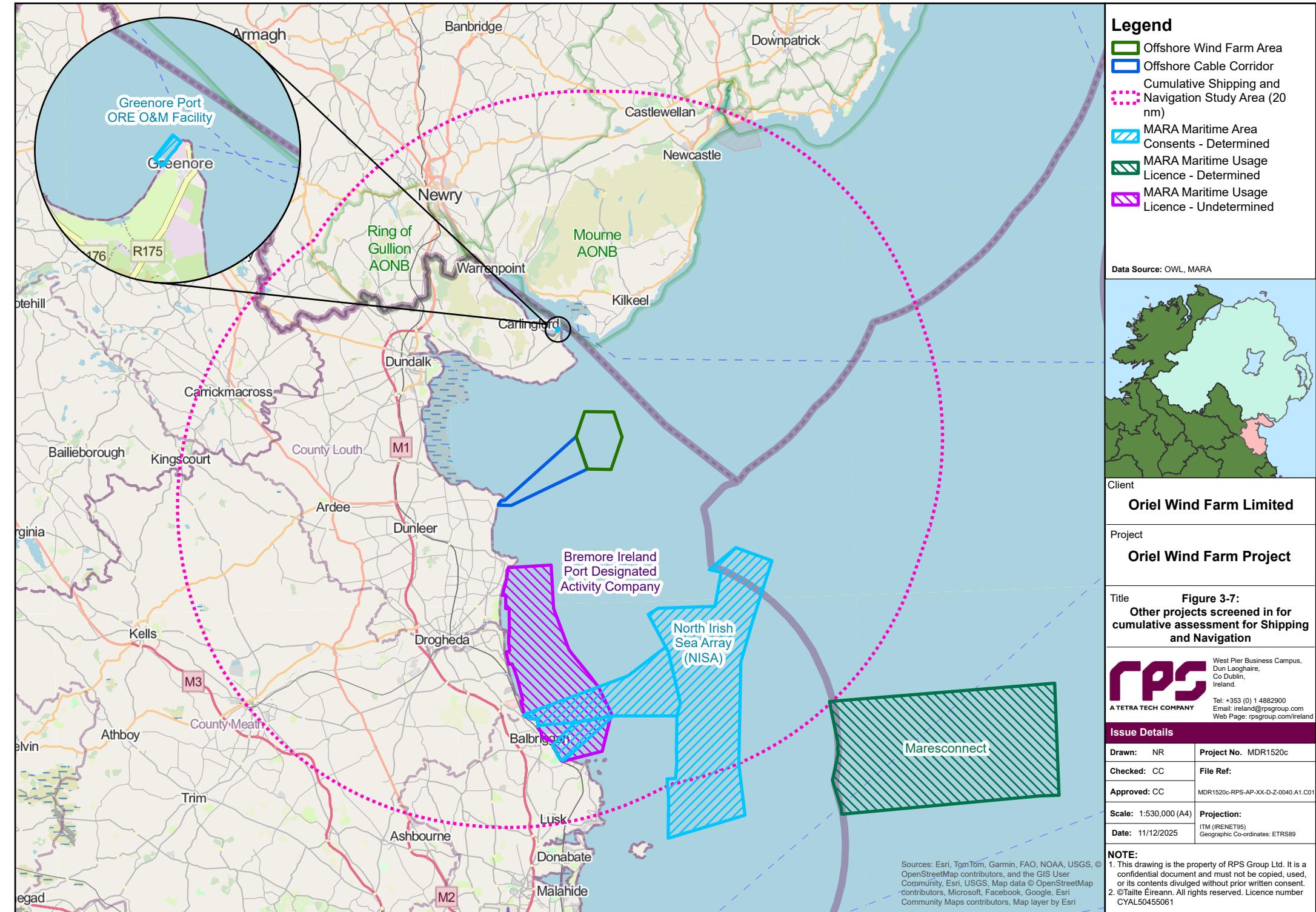
Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				Offshore substation platforms may be required <sup>37</sup> . EIAR (2024) details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required.. The proposed export capacity is 700 MW <sup>38</sup>			already affected by the Project.
Greenore Port Project	MAC received and Planning consented	9.9	12.4	EIAR details ORE O&M Facility at Greenore Port as a support base for three offshore windfarms on the East Coast of Ireland. It will require a pontoon to accommodate Crew Transfer Vessels. Dredging within the nearshore and the construction of a new quay wall is also required.	3 years estimated 2025 to 2028	60 years	Potential to increase vessel movements within the Cumulative Shipping and Navigation Study Area which might increase the risk of collision, allision or grounding.
MaresConnect	MUL (Consented)	36.8	38.8	Site investigation surveys to assess various factors associated with the interconnector project – Dublin from 12 nautical mile (nm) limit to the EEZ.	Unknown	Licence term is 5 years	Potential to increase vessel movements within the Cumulative Shipping and Navigation Study Area which might increase the risk of collision, allision or grounding.
Bremore Ireland Port Designated Activity Company	MUL (Application)	11.9	7.2	Site investigations to inform the location and design of a proposed port infrastructure. Dublin and Meath	Unknown	Unknown	Potential to increase vessel movements within the Cumulative Shipping and Navigation Study Area which might increase the

<sup>37</sup> Project website <https://northirishseaarray.ie/> states that wind farm will consist of 35 to 46 turbines.

<sup>38</sup> <https://northirishseaarraysid.ie/>

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
risk of collision, allision or grounding.							



## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.7.2 Updated CIA

Table 3-21: Review of project updates that may affect cumulative impact assessment with the Project for Shipping and Navigation.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Shipping and Navigation (volume 2B, chapter 13 & volume 2B Addendum, chapter 13 Addendum)	<p><b>Displacement of vessels from the offshore wind farm area, may lead to vessel-to-vessel collision; and Presence of Project devices and cables underwater may lead to snagging and damage to anchors and/or fishing gear</b></p> <p>The new and updated proposed projects have the potential to increase vessel movements within the Cumulative Shipping and Navigation Study Area, and to result in further displacement of vessels already affected by the Project, potentially leading to an increased collision and/or allision risk.</p> <p>These projects include ports developments at Greenore and Bremore and offshore developments at NISA and MaresConnect. The Greenore Port Project, located approximately 11 km from the Project (offshore wind farm area), involves the development of Operation and Maintenance (O&amp;M) facilities to serve as a support base for further offshore wind arrays in the Irish Sea and, therefore, has the potential to see an increase commercial traffic through the Study Area. Similarly, Bremore Island Port, over 29 km south of the Project, are planning to undertake site investigations throughout a large area south of the Project (a small part of which will intersect the Shipping and Navigation Study Area), to inform the location and design of a proposed port infrastructure. Additional site investigations are proposed to assess factors associated with the MaresConnect Ltd Interconnector, however these will be occurring 37 km from the Project. Nevertheless, these projects would result in increased vessel movements within the cumulative Shipping and Navigation Study Area. Finally, the NISA project is 16.2 km from the Project and would further result in increased vessel activity and further disruption to shipping routes.</p> <ul style="list-style-type: none"> <li>The increase in traffic associated with these projects could lead to an increased collision risk when vessels are entering/ exiting the construction/O&amp;M ports and when they are enroute to/ from the Array Area. However, existing mitigation such as management procedures for Project vessels when at the offshore wind farm area and in port will be detailed within the Navigation Safety Management System (NSMS) and will mitigate this risk. Promulgation of information through NtMs will also enable third party vessels to avoid the area if necessary if and when there will be high numbers of construction and/or major maintenance vessel or survey vessel transits. While avoidance of these activities may be required to reduce collision risk, the proposed site investigation surveys and any other activities are anticipated to be occasional and short-term in nature and, therefore, it is expected to be a temporary impact. Given the low baseline traffic density, and these mitigation measures, this hazard is considered to have a low likelihood and is therefore considered to be a low risk within the NRA (Volume 2B, appendix 13-1: Navigation Risk Assessment). The cumulative effects are therefore anticipated to remain <b>of slight adverse significance</b> as a result of the new and updated proposed projects.</li> <li>The increase in traffic associated with the port developments and operation of NISA could also lead to an increased risk of allision with turbines due to potential deviations from typical routes close to the offshore wind farms. However, existing mitigation such as aids to navigation, promulgation through notices to mariners and charting will make the offshore wind farms clearly visible to passing vessels. Further management procedures for Project vessels operating at the offshore wind farm will be detailed within the NSMS and will mitigate this risk by managing vessel safety and reducing the risk of in-field allisions. Promulgation of information through NtMs will also enable</li> </ul>	No change to the conclusions of the EIAR.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
	<p>third party vessels to avoid the area if necessary and passage plan around the Array Area(s). Given the low baseline traffic density, and these mitigation measures, this hazard is considered to have a low likelihood and is therefore considered to be a low risk within the NRA (volume 2B, Appendix 13-1). This risk is assessed to be even lower when considering that guard vessels, marker buoys and/or other Aids to Navigation will be deployed on a device-specific basis to reduce the risk of vessel contact. The cumulative effects are therefore anticipated to remain <b>of slight adverse significance</b> as a result of the new and updated proposed projects.</p> <ul style="list-style-type: none"> <li>It is not anticipated that the new and updated proposed projects will have an effect on the risk of snagging above those already assessed within the EIAR. The cumulative effects are therefore anticipated to remain <b>of slight adverse significance</b> as a result of the new and updated proposed projects.</li> </ul> <p>Given the use of designed in mitigation measures already committed to, it is considered that any additional impacts as a result of the new and updated proposed projects are sufficiently mitigated and no additional mitigation measures are required.</p>	

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

**3.8 Infrastructure, Marine Recreation & Other Users****3.8.1 Updated list of projects**

The projects screened into the CIA for Infrastructure, Marine Recreation & Other Users are outlined in Table 3-22. The locations of screened in projects in relation to the Project are illustrated in Figure 3-8.

**Table 3-22: Updated list of other projects considered within the CIA for Infrastructure, Marine Recreation and Other Users\*.**

Project	Status	Approximate Distance from offshore wind farm area (km)	Approximate Distance from Offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
<b>Offshore Wind Farms</b>							
Site Investigations off Co. Dublin (Mainstream Renewable Power Ltd – Ref No. FS007373)	Planning Withdrawn	4.2	0.8	Foreshore Licence application for site investigation works off County Dublin. Surveys include Geophysical, Geotechnical Metocean and Ecological site investigations.	N/A	2022-2027 (subject to award of licence)	The Project construction phase is likely to overlap with the surveys and site investigation activities. The survey vessels may have advisory clearance distances in place during their investigations, which may result in further displacement of receptors already affected by the Project.
Site Investigations for the proposed Lir Offshore Array, off Counties Louth, Meath and Dublin (Lir Offshore Array Ltd Ref No. FS007392).	Planning Withdrawn	15	8.1	The Foreshore Licence application is to undertake surveys and site investigations to inform development and project design for the proposed site. Surveys include geophysical, geotechnical, environmental and Metocean.	N/A	2023-2027 (subject to award of licence)	
<b>Offshore Wind Farms</b>							
North Irish Sea Array (NISA)	Maritime Area Consent; Planning	16.2	18.1	EIA Scoping Report (2021) refers to the construction of an offshore wind farm of up to 500 MW, consisting of 36 turbines with a maximum height of 320 m and rotor diameter of up to 290 m.	Unknown Estimated 2027-2030	Unknown (Design life minimum 35 years) Estimated commencement in 2030	The Project construction phase is likely to overlap with the construction, surveys and site investigation activities.

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

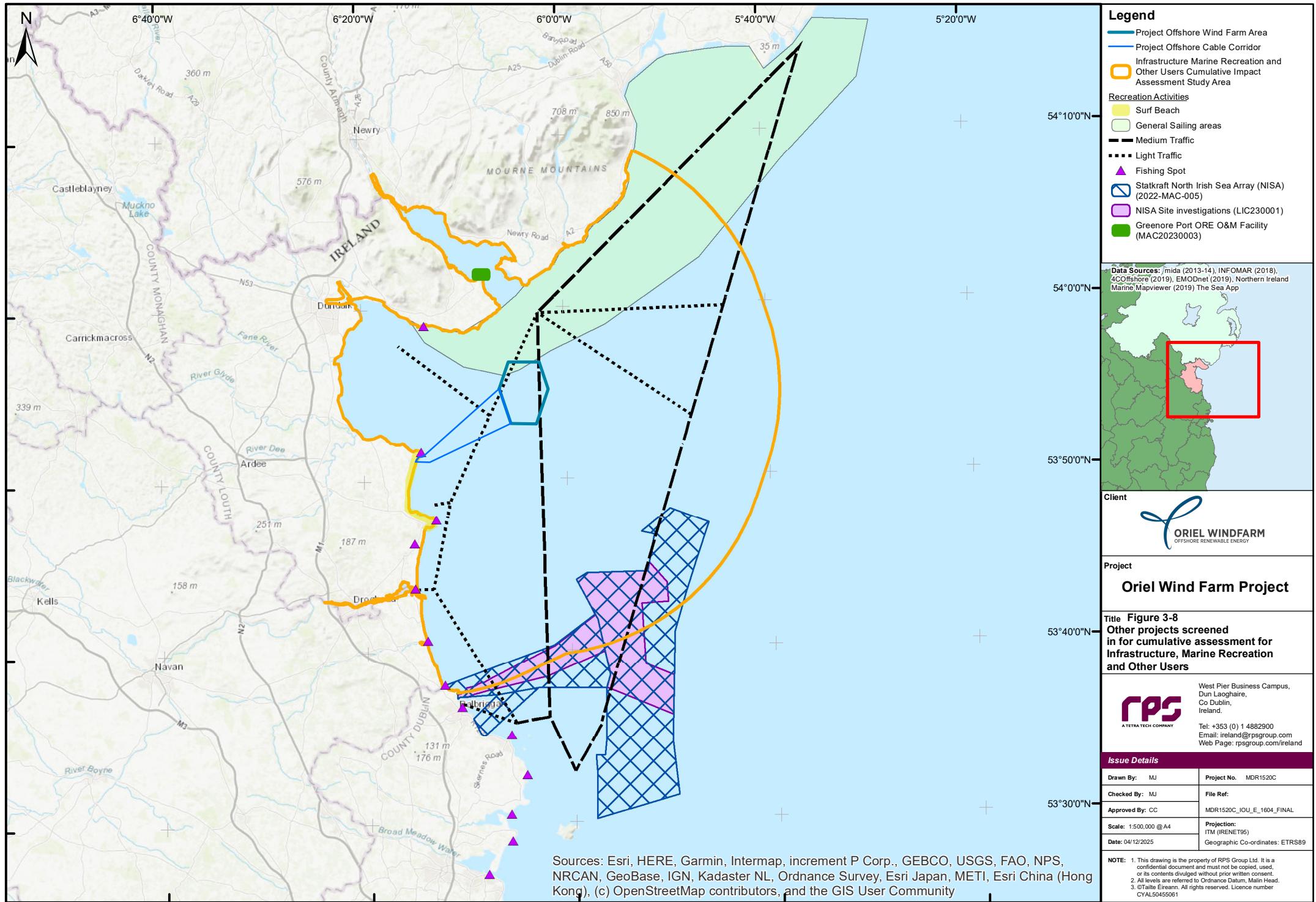
Project	Status	Approximate Distance from offshore wind farm area (km)	Approximate Distance from Offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				Offshore substation platforms may be required <sup>39</sup> . EIAR (2024) details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required. The proposed export capacity is 700 MW <sup>40</sup>			
<b>Site Investigations</b>							
NISA Site Investigations	MAC received	16.9	18.1	Site investigation activities to inform the development of the North Irish Sea Array (NISA) offshore windfarm (OWF) and export cable, off the coasts of counties Dublin, Meath and Louth. These site investigations include hydrological and geophysical, geotechnical, metocean,	-	Licence term for site investigations is 7 years from 2024 to 2031	The Project construction phase is likely to overlap with the construction, surveys and site investigation activities. The construction and survey vessels may have advisory clearance distances in place during their investigations, which may result in further displacement of receptors

<sup>39</sup> Project website <https://northirishseaarray.ie/>: states that wind farm will consist of 35 to 46 turbines.

<sup>40</sup> <https://northirishseaarraysid.ie/>

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Project	Status	Approximate Distance from offshore wind farm area (km)	Approximate Distance from Offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				ecological, archaeological and water quality surveys.			already affected by the Project.



## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.8.2 Updated CIA

Table 3-23: Review of project updates that may affect cumulative impact assessment with the Project for Infrastructure, Marine Recreation and Other Users.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Infrastructure, Marine Recreation and Other Users (volume 2B, chapter 16)	<p>Projects screened into the updated assessment within the Infrastructure, Marine Recreation and Other Users Study Area include the construction of the North Irish Sea Array (NISA) wind farm and the Greenore Port Project ORE Facility – located 10km from the Oriel Application Boundary.</p> <p>These two projects are being reviewed for further cumulative effects due to the availability of additional, detailed project information, because the project has now been consented, or because it is a new project not included in the Cumulative Impact Assessment in Chapter 16 Infrastructure, Marine Recreation and Other Users of the EIAR.</p> <p>Impacts assessed include:</p> <p><b>Displacement of recreational sailing and motor cruising, recreational fishing (boat angling) and other recreational activities (diving vessels), resulting in a loss of recreational resource; and</b></p> <p><b>Displacement of recreational fishing (shore angling) and other recreational activities (kayaking, kite surfing, surfing and windsurfing, sea swimming and beach users) along the nearshore and intertidal section of the offshore cable corridor resulting in a loss of recreational resource.</b></p> <p>The NISA Offshore Wind Farm identified low to negligible impacts upon recreational fishing/angling and recreational sailing due to the limited spatial and temporal extent of displacement. The impact upon recreational dive sites as a result of increased turbidity or suspended sediment concentrations was found to be medium, and multiple alternative dive sites were highlighted for use during the construction phase. Overall, the impacts highlighted are unlikely to extend beyond that of the Oriel Project alone, and therefore there is no change to the cumulative assessment.</p> <p>The Greenore ORE Facility is a development involving the construction of operation and maintenance facilities to serve offshore wind array sites. The development will comprise the following:</p> <ul style="list-style-type: none"> <li>• Three standalone buildings including: warehouse (681 sqm), office space (322 sqm), plant storage (667 sqm);</li> <li>• Nearshore work involving harbour dredging, additional berths, a new quay wall; and</li> <li>• Additional supporting infrastructure.</li> </ul> <p>There is an identified recreational fishing spot at Greenore Point as well as a non-wreck dive site in close proximity to the Greenore ORE development as illustrated in Figure 16-2 and Figure 16-3 of chapter 16: Infrastructure, Marine Recreation and Other users (EIAR volume 2B). It is proposed that the cumulative effect of displacement from these sites will be intermittent during the course of construction, however, the Greenore EIAR identifies no loss of land, rights of way or loss of nearshore access as a result of the proposed development (Greenore Port Unlimited Company, 2024), therefore no cumulative impact is predicted.</p> <p>Overall, the cumulative impact of these projects will be at a very local spatial extent, and short-term or temporary in nature. Within the context of other available recreational space, the overall significance of the effect remains of <b>slight adverse significance</b>.</p>	No change to the conclusions of the EIAR.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.9 Climate

### 3.9.1 Updated list of projects

The projects screened into the CIA for Climate are outlined in Table 3-24.

Table 3-24: Updated list of other projects considered within the CIA for Climate\*.

Project	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project/Plan	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
North Irish Sea Array (NISA)	Maritime Area Consent; Planning	16.2	18.1	<p>EIA Scoping Report (2021) refers to the construction of an offshore wind farm of up to 500 MW, consisting of 36 turbines with a maximum height of 320 m and rotor diameter of up to 290 m. Offshore substation platforms may be required.<sup>44</sup></p> <p>EIAR (2024) details two Project Options consisting of a windfarm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required. The proposed export capacity is 700 MW.<sup>42</sup></p>	Unknown Estimated 2027-2030	Unknown (Design life minimum 35 years) Estimated commencement in 2030	This project has the potential to indirectly reduce GHG emissions and therefore has potential for positive impacts on climate within the Climate Study Area.
Dublin Array	Maritime Area Consent Planning	61.2	56.9	<p>Scoping report (2020) refers to the construction of Bray and Kish offshore wind farm of up to 900 MW, consisting of up to 61 turbines with a maximum height of 308 m and rotor diameter of up to 285 m</p>	Unknown Estimated 2027-2030 Construction is anticipated to range from 18 to 30 months.	Unknown (Design life minimum 35 years) Estimated commencement in 2030	This project has the potential to indirectly reduce GHG emissions and therefore has potential for positive impacts on climate within the Climate Study Area.

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

<sup>44</sup> Project website <https://northirishseaarray.ie/> states that wind farm will consist of 35 to 46 turbines.

<sup>42</sup> <https://northirishseaarraysid.ie/>

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Project	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project/Plan	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				<p>and up to three offshore substation platforms.<sup>43</sup></p> <p>EIAR (2025) refers to the construction of an offshore wind farm with an export capacity of 824 MW. The EIAR considers three design options with a maximum number of turbines of 50 and a maximum rotor diameter of 278 m.<sup>44</sup></p>			
Codling Wind Park	Maritime Area Consent Planning	61.4	57.1	<p>EIA Scoping report (2020) refers to the construction of an offshore wind farm of up to 1500 MW, consisting of up to 140 turbines with a maximum height of 320 m and rotor diameter of up to 288 m. The project will also contain up to five offshore substation platforms.<sup>45</sup></p> <p>EIAR (2024) refers to the construction of an offshore wind farm with the export capacity of 1300 MW. Two WTG Layout Options are proposed, with a maximum number of turbines of 75 and a maximum rotor diameter of 276. Three offshore substations are required.<sup>46</sup></p>	Unknown Estimated 2027-2030  Construction anticipated to range from three to four years.	Unknown (Design life minimum 35 years)  Estimated commencement in 2030  25-year operational lifetime	This project has the potential to indirectly reduce GHG emissions and therefore has potential for positive impacts on climate within the Climate Study Area.

<sup>43</sup> Project website: <https://dublinarray.com/project-information/key-facts/>; states between 39 and 50 turbines (total project capacity 824 MW) individual tip heights between approx. 270 m and 310 m.

<sup>44</sup> <https://dublinarray-marineplanning.ie/eiar/>

<sup>45</sup> Project website: <https://codlingwindpark.ie/the-project/>; states max energy output 1300 MW, 100 turbines, turbine tip height max 320 m.

<sup>46</sup> <https://codlingwindparkplanningapplication.ie/environmental-impact-assessment-report-eiar/>

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Project	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project/Plan	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
Arklow Bank Wind Park Phase 1	Operational Planning submitted for Decommissioning	107.1	104.6	Phase 1 was the first operational offshore wind farm in Ireland and consists of seven wind turbines with a capacity of 25.2 MW.	–	2003 – ongoing	This project indirectly reduces GHG emissions and therefore has potential for positive impacts on climate within the Climate Study Area.
Arklow Bank Wind Park Phase 2	Maritime Area Consent Planning	107.1	104.6	<p>EIA Scoping Report: The project will include between 37 and 56 turbines ad up to two Offshore Substation Platforms (OSP) and foundation substructures. The area in which the proposed wind turbines, inter array cables and OSP(s) will be located on Arklow Bank covers an area of seabed approximately 64km<sup>2</sup>.<sup>47</sup></p> <p>EIAR (2024) refers to an offshore wind farm with an export capacity of 800 MW. Two Project Design Options are proposed with a maximum number of turbines of 56 and maximum rotor diameter of 250 m. Two offshore substations are required.<sup>48</sup></p>	Unknown Estimated 2027-2030	Unknown (Design life minimum 35 years) Estimated commencement in 2030	This project has the potential to indirectly reduce GHG emissions and therefore has potential for positive impacts on climate within the Climate Study Area.
Sceirde Rocks Windfarm	Maritime Area Consent Withdrawn	259.3	248.4	Project website: <sup>49</sup> The Sceirde Rocks Windfarm is a proposed offshore wind project, located off the Connemara coast in County Galway. It is expected to generate 450 Megawatts	Unknown	Unknown (Design life minimum 35 years)	This project has the potential to indirectly reduce GHG emissions and therefore has potential for positive impacts on climate within the Climate Study Area.

<sup>47</sup> Project website <https://www.sserenewables.com/> states between 36 and 60 turbines (up to 800MW) along with one to two OSS and foundation substructures, a network of inter-array cabling and two offshore export cables.

<sup>48</sup> <https://www.arklowbank2offshoreplanning.ie/eiar/>

<sup>49</sup> <https://www.sceirderockswindfarm.com/project-info/>.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.9.2 Updated CIA

Table 3-25: Review of project updates that may affect cumulative impact assessment with the Project for Climate.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Climate (volume 2C, chapter 17)	<p>The renewable energy wind projects outlined in Table 3-24, such as the North Irish Sea Array, the Arklow Bank Wind Park, Dublin Array and Codling Wind park, have the potential to indirectly reduce GHG emissions by delivering clean energy and are therefore considered net positive in terms of their Climate impacts.</p> <p>There will be direct GHG emissions due to the construction and decommissioning phases, but these will be offset by the GHG reductions achieved through the delivery of clean renewable energy of these projects and the subsequent decarbonisation of the grid. Climate vulnerability is also assessed for these onshore and offshore projects; decarbonisation of the grid allows for greater energy independence and therefore climate resilience. Through the decarbonisation of the electricity grid, these projects have potential for long term positive impacts on both climate, and air quality within the Climate Study Area.</p> <p>The EIARs for each of the Phase 1 projects included an assessment on climate. The assessment considered the effects on climate and concluded that the 49 turbine North Irish Sea Array (NISA), the 56 turbine Arklow array, the 50 turbine Dublin Array, and the 75 turbine Codling Array are considered net positive in terms of Climate impacts. It was also noted that the Scierde Rocks project is considered withdrawn. All these projects have the potential to indirectly reduce GHG emissions by delivering clean renewable energy and are therefore considered net positive in terms of their Climate and Air Quality impacts. RPS have examined these assessments and can conclude that the overall cumulative effects from the Phase 1 Projects do not change the conclusion of the Project EIAR (2024).</p>	No change to the conclusions of the EIAR.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.10 Seascape, Landscape and Visual Amenity

### 3.10.1 Updated list of projects

The projects screened into the CIA for Benthic Subtidal and Intertidal Ecology are outlined in Table 3-26. The locations of screened in projects in relation to the Project are illustrated in Figure 27A-11a in appendix 27-1 Addendum: Seascape, Landscape and Visual Amenity – Accompanying Graphics (EIAR volume 2C Addendum).

**Table 3-26: Updated list of other projects considered within the CIA for Seascape, Landscape and Visual Amenity\*.**

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
<b>Offshore Wind Farms</b>							
North Irish Sea Array (NISA)	Maritime Area Consent; Planning	16.2	18.1	<p>EIA Scoping Report (2021) refers to the construction of an offshore wind farm of up to 500 MW, consisting of 36 turbines with a maximum height of 320 m and rotor diameter of up to 290 m. Offshore substation platforms may be required.</p> <p>EIAR (2024) details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required.. The proposed export capacity is 700 MW <sup>50</sup></p>	Unknown Estimated 2027-2030	Unknown (Design life minimum 35 years) Estimated commencement in 2030	Screened into cumulative assessment as project falls within SLVIA Study Area
<b>Site investigations</b>							
Mainstream Renewable Power Ltd (Ref No. FS007373)	Planning Withdrawn	4.2	0.7	<p>Foreshore Licence application for site investigation works off County Dublin. Surveys include Geophysical, Geotechnical, Metocean and Ecological site investigations.</p>	N/A	Unknown (subject to award of licence).	Screened into cumulative assessment as project falls within SLVIA Study Area

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough.

<sup>50</sup> <https://northirishseaarraysid.ie/>

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
Lir Offshore Array (Ref No. FS007392)	Planning Withdrawn	15.60	7.70	Site Investigation surveys for the proposed Lir Offshore Array, off Counties Louth, Meath and Dublin	N/A	Unknown (subject to award of licence).	Screened into cumulative assessment as project falls within SLVIA Study Area
MaresConnect Electrical Interconnector (Ref No. FS007635)	Planning Consented	24.62	23.27	Site investigation surveys for the proposed MaresConnect electrical interconnector between ROI and Wales.	N/A	Unknown (subject to award of licence). Term of licence: 04/07/2024 – 04/07/2029	Screened into cumulative assessment as project falls within SLVIA Study Area
North Irish Sea Array Site Investigations (Ref No. LIC230001)	Consented	16.2	18.1	Site investigation activities to inform the development of the North Irish Sea Array (NISA) offshore windfarm (OWF) and export cable, off the coasts of counties Dublin, Meath and Louth. These site investigations include hydrological and geophysical, geotechnical, metocean, ecological, archaeological and water quality surveys.	-	Licence term for site investigations is 7 years from 2024 to 2031	Screened into cumulative assessment as project falls within SLVIA Study Area
<b>Dredging / Dumping at Sea</b>							
Drogheda Port Company Reference Number: FS007028	Consented	25.27	16.06	Drogheda Port Company Dredging of River Boyne	2021	2029	Screened into cumulative assessment as project falls within SLVIA Study Area
<b>Onshore Wind Turbines</b>							
Colon	Operational	32.7	21.3	Operational onshore turbine comprised 1 turbine to 126m tip height	Unknown	Unknown	Screened into cumulative assessment as project has potential for visual interaction during operational and maintenance phase of the Project.

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
Dunmore	Operational	30.8	19.5	Operational onshore windfarm comprised 4 turbines to 78m tip height	Unknown	Unknown	Screened into cumulative assessment as project has potential for visual interaction during operational and maintenance phase o the Project.
Dundalk IT	Operational	20.5	17.0	Operational onshore turbine comprised 1 turbine to 86m tip height	Unknown	Unknown	Screened into cumulative assessment as project has potential for visual interaction during operational and maintenance phase o the Project.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.10.2 Updated CIA

Table 3-27: Review of project updates that may affect cumulative impact assessment with the Project for Seascape, Landscape and Visual Amenity.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Seascape, Landscape and Visual Amenity	<b>Potential Cumulative impacts with other offshore development</b>	No change to the conclusions of the EIAR.
(volume 2C, chapter 27 & volume 2C Addendum, chapter 27 Addendum)	<p>A review of cumulative projects in relation to the offshore elements of the Project has been undertaken. The other projects screened in for cumulative assessment are illustrated in Figure 27A-11a in appendix 27-1 Addendum: Seascape, Landscape and Visual Amenity (EIAR volume 2C Addendum) It is noted that the status of the proposed NISA Offshore Wind Farm has been changed, including associated site investigations. The cumulative assessment contained in chapter 27: Seascape, Landscape and Visual Amenity (EIAR volume 2C) and the accompanying Addendum update has considered and assessed the potential for cumulative Seascape, Landscape and Visual impacts arising because of the Project in combination with the offshore elements of the NISA Offshore Wind Farm. Following a review of the information submitted for planning, it is considered that the assessed significance of cumulative visual impact as reported remains unchanged.</p>	
	<b>Potential Cumulative impacts on Boyne Valley</b>	
	<p>A review of the potential for cumulative landscape and visual impact on the Boyne Valley in relation to the Project being read in combination with other consented or planned projects has been undertaken. Negligible indirect cumulative landscape effects have been identified, though extent of such effects is limited as the Project is not readily visible or perceived in eastern views from the Boyne Valley area. It is noted that the recently approved N2 (Slane Bypass) and associated N51 upgrade works lies on the western edge of the Boyne Valley and would be visible successively with viewers having to turn 180 degrees in order to view either project on its own. Due to intervening topographical changes, attenuation by distance and intervening vegetation cover cumulative impacts arising on the Boyne Valley are not considered to be significant. The potential for cumulative visual impacts on the Boyne Valley arising because of the Project being read in combination with other consented or proposed development (including the NISA Offshore Wind Farm project) has been assessed as being equivalent to a no-change scenario as the Project is not readily perceived in views due to attenuation by distance, screening by topographical changes and screening by existing vegetation cover.</p>	

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.11 Bats in the Marine Environment

### 3.11.1 Updated list of projects

The projects screened into the CIA for Bats in the Marine Environment are outlined in Table 3-28. The updated assessment includes Codling Wind Park only (please see Figure 3-5 for the location of this project).

**Table 3-28: Updated list of other projects considered within the CIA for Bats in the Marine Environment\*.**

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
North Irish Sea Array (NISA) Offshore Wind Farm	Maritime Area Consent; <a href="#">Planning</a>	16.2	18.1	<p>EIAR (2024) refers to the construction of an offshore wind farm of up to 500 MW, consisting of up to 49 turbines (Option 1) with a maximum height of 316 m (Option 1) and rotor diameter of up to 276 m and one Offshore substation platforms.</p> <p>EIAR (2024) details two Project options consisting of a wind farm with a maximum of 49 turbines and a maximum rotor diameter of 276m. One offshore substation is required. The proposed export capacity is 700 MW<sup>51</sup></p>	Unknown <a href="#">Estimated 2027-2030</a>	Unknown (Design life minimum 35 years) <a href="#">Estimated commencement in 2030</a>	Potential for construction, operation and maintenance and decommissioning phases to overlap with the Project.
Dublin Array Offshore Wind Farm	Maritime Area Consent; <a href="#">Planning</a>	61.2	57	Scoping report (2020) refers to the construction of Bray and Kish offshore wind farm of up to 900 MW, consisting of up to 61 turbines with a maximum height of 308 m and rotor diameter of up to 285	Unknown <a href="#">Estimated 2027-2030</a> <a href="#">Construction is anticipated to range from 18 to 30 months.</a>	Unknown (Design life minimum 35 years) <a href="#">Estimated commencement in 2030</a>	Potential for construction, operation and maintenance and decommissioning phases to overlap with the Project.

\* Note: Changes to project list presented in EIAR (2024) are shown in blue and strikethrough. Regarding Bats in the Marine Environment, significant effects assessed in the EIARs of the other Phase 1 projects (except Codling Wind Park) do not overlap with those assessed in the Project's EIAR and therefore, these projects were screened out from further assessment. Other projects did not assess impacts on bats in the marine environment and so an updated cumulative assessment was not undertaken. See Annex 1A for further detail.

<sup>51</sup> <https://northirishseaarraysid.ie/>

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				<p>m and up to three offshore substation platforms.<sup>52</sup></p> <p>EIAR (2025) refers to the construction of an offshore wind farm with an export capacity of 824 MW. The EIAR considers three design options with a maximum number of turbines of 50 and a maximum rotor diameter of 278 m.<sup>53</sup></p>			
Cooling Wind Park	Maritime Area Consent; Planning	61.4	57.2	<p>EIA Scoping report (2020) refers to the construction of an offshore wind farm of up to 1500 MW, consisting of up to 140 turbines with a maximum height of 320 m and rotor diameter of up to 288 m. The project will also contain up to five offshore substation platforms.<sup>54</sup></p> <p>EIAR (2024) refers to the construction of an offshore wind farm with the export capacity of 1300 MW. Two WTG Layout Options are proposed, with a maximum number of turbines of 75 and a maximum rotor diameter of 276. Three offshore substations are required.<sup>55</sup></p>	<p>Unknown</p> <p>Estimated 2027-2030</p> <p>Construction anticipated to range from three to four years.</p>	<p>Unknown</p> <p>(Design life minimum 35 years)</p> <p>Estimated commencement in 2030</p> <p>25-year operational lifetime</p>	Potential for overlap with construction, operation and maintenance and decommissioning phases.
Arklow Bank Wind Farm Phase 2	Maritime Area Consent; Planning	107.1	104.7	EIA Scoping Report: The project will include between 37 and 56 turbines and up to two Offshore Substation Platforms (OSP) and foundation substructures. The area in which the proposed wind turbines, inter-array cables and OSP(s)	<p>Unknown</p> <p>Estimated 2027-2030</p>	<p>Unknown</p> <p>(Design life minimum 35 years)</p>	Potential for overlap with construction, operation and maintenance and decommissioning phases.

<sup>52</sup> Project website: <https://dublinarray.com/project-information/key-facts/>; states between 39 and 50 turbines (total project capacity 824 MW) individual tip heights between approx. 270 m and 310 m.

<sup>53</sup> <https://dublinarray-marineplanning.ie/eiar/>

<sup>54</sup> Project website: <https://coolingwindpark.ie/the-project/>; states max energy output 1300 MW, 100 turbines, turbine tip height max 320 m.

<sup>55</sup> <https://coolingwindparkplanningapplication.ie/environmental-impact-assessment-report-eiar/>

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
				will be located on Arklow Bank covers an area of seabed approximately 64km <sup>2</sup> . <sup>56</sup> EIAR (2024) refers to an offshore wind farm with an export capacity of 800 MW. Two Project Design Options are proposed with a maximum number of turbines of 56 and maximum rotor diameter of 250 m. Two offshore substations are required. <sup>57</sup>		Estimated commencement in 2030	
Morgan Offshore Wind Farm – Generation Assets	Consented (not yet constructed)	119.5	124	PEIR indicates up to 107 wind Turbines Up to 96 wind turbines. 1,500MW capacity.	Unknown 2026 to 2029	Unknown 2030 to 2065	Potential for overlap with construction, operation and maintenance and decommissioning phases.
Arklow Bank Wind Farm Phase 1	Operational; Application to decommission	120.2	117.5	Seven 3.6 MW turbines. Hub height 73.5m. Rotor diameter 124m.	2002 to 2003	2004 to 2028	Potential for overlap with operation and maintenance phase.
Mona Offshore Wind Farm	Consented (not yet constructed)	127.1	131.4	PEIR indicates up to 107 wind Turbines Up to 96 wind turbines. 1,500MW capacity.	Unknown 2026 to 2029	Unknown 2030 to 2065	Potential for overlap with construction, operation and maintenance and decommissioning phases.
Walney Extension 3 Offshore Wind Farm	Operational	139.9	144.6	40 8.25MW turbines. Hub height 113m. Rotor diameter 164m	2017	2018 to 2039	Potential for overlap with operation and maintenance phase.
Awe y Môr Offshore Wind Farm	Consented (not yet constructed)	142.4	145.2	Up to 50 turbines. Rotor diameter up to 306m and a minimum of 11.5MW per turbine.	2026 to 2029 2030 to 2030 2055	2030 to 2065	Potential for overlap with construction, operation and maintenance and

<sup>56</sup> Project website <https://www.sserenewables.com/>; states between 36 and 60 turbines (up to 800MW) along with one to two OSS and foundation substructures, a network of inter-array cabling and two offshore export cables.

<sup>57</sup> <https://www.arklowbank2offshoreplanning.ie/eiar/>

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Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
Up to 100 MW (48 to 91 wind turbines)							
Walney Extension 4 Offshore Wind Farm	Operational	146	150.6	47.7MW turbines. Hub height 111m. Rotor diameter 154m	2017	2018 to 2039	decommissioning phases.
Morecambe Offshore Wind Farm – Generation Assets	Planning – PIER submitted Consented (not yet constructed)	151.3	155.2	PEIR report indicates up to 40 wind turbines. 180MW capacity.	Unknown 2026 to 2028	2 Unknown 030 – 2065	Potential for overlap with construction, operation and maintenance and decommissioning phases.
Walney 2 Offshore Wind Farm	Operational	155.8	160.5	51.3.6MW turbines. Hub height 84m. Rotor diameter 107m.	2011	2012 to 2032	Potential for overlap with operation and maintenance phase.
Walney 1 Offshore Wind Farm	Operational	162.5	166.7	51.3.6MW turbines. Hub height 84m. Rotor diameter 107m.	2010	2010 to 2032	Potential for overlap with operation and maintenance phase.
West of Dudden Sands Offshore Wind Farm	Operational	162.3	166.7	108.3.6MW turbines. Hub height 90m. Rotor diameter 120m.	2013 to 2014	2014 to 2033	Potential for overlap with operation and maintenance phase.
Gwynt y Mor Offshore Wind Farm	Operational	163.4	166.3	160.3.3MW turbines. Hub height 98m. Rotor diameter 107m.	2012	2015 to 2032	Potential for overlap with operation and maintenance phase.
Rhyl Flats Offshore Wind Farm	Operational	165.6	168.3	25.3.6MW turbines. Hub height 80m. Rotor diameter 107m.	2007	2009 to 2027	Potential for overlap with operation and maintenance and decommissioning phases.
Ormonde Offshore Wind Farm	Operational	168.6	173.2	30.5MW turbines. Hub Height 100m. Rotor diameter 126m.	2010	2012 to 2036	Potential for overlap with operation and maintenance phase.
Robin Rigg Offshore Wind Farm	Operational	173.3	178.5	58.3MW turbines. Hub height 80m Rotor diameter 90m.	2009	2010 to 2030	Potential for overlap with operation and maintenance phase.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

Project/Plan	Status	Distance from offshore wind farm area (km)	Distance from offshore cable corridor (km)	Description of Project	Dates of construction (if applicable)	Dates of operation (if applicable)	Overlap with Project
North Hoyle Offshore Wind Farm	Operational	177.1	180.0	30 2MW turbines. Hub height 70m. Rotor diameter 80m.	2003	2004 to 2028	Potential for overlap with operation and maintenance phase.
Barrow Offshore Wind Farm	Operational	177.2	181.6	30 3MW turbines. Hub height 75m. Rotor diameter 90m.	2005	2006 to 2028	Potential for overlap with operation and maintenance phase.
Burbo Bank Offshore Wind Farm Extension	Operational	181.1	184.3	32 8.0MW turbines. Hub height 105m. Rotor diameter 160m	2016	2017 to 2045	Potential for overlap with operation and maintenance phase.
Burbo Bank Offshore Wind Farm	Operational	191.1	194.4	23 3.6MW turbines. Hub height 78m. Rotor diameters 107m.	2006	2007 to 2039	Potential for overlap with operation and maintenance phase.

## ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

## 3.11.2 Updated CIA

Table 3-29: Review of project updates that may affect cumulative impact assessment with the Project for Bats in the Marine Environment.

Topic	Review of potential for further cumulative effects	Effect on conclusions of the EIAR
Bats in the Marine Environment (volume 2C, chapter 31 & volume 2C Addendum, chapter 31 Addendum)	<p>Arklow Wind Park, Dublin Array Offshore Wind Farm and the North Irish Sea Array (NISA) Offshore Wind Farm projects were screened out from further assessment in the updated CIA (see Annex 1A) as the published reports relating to Bats in the Marine Environment provided new information which resulted in the screening out of the cumulative impacts.</p> <p>One offshore wind farm, Codling Wind Park, was screened into the updated assessment for bats in the marine environment. This project was reviewed for further cumulative effects due to the availability of additional, detailed project information.</p> <p>The cumulative effects that were assessed within chapter 31 Offshore Bats (EIAR, volume 2C) with potential to be influenced by the updated project information include:</p> <ul style="list-style-type: none"> <li>• Injury and/or fatality due collision with rotors (migratory bats); and</li> <li>• Injury and/or fatality due to collision with rotors (migratory bats).</li> </ul> <p>How collision with rotors will affect bats in the marine environment depends on species ecology such as flight behaviour, however offshore flight behaviour (e.g. flight height) is not well known.</p> <p>In chapter 31: Bats in the Marine Environment (EIAR, volume 2C), the impact of injury and/or disturbance due to collision with rotors during the operational phase predicted potential likely significant effects for migrating <i>Nathusius' pipistrelle</i> (<i>Pipistrellus nathusii</i>), Common pipistrelle (<i>Pipistrellus pipistrellus</i>), Soprano pipistrelle (<i>Pipistrellus pygmaeus</i>) and Leisler's bat (<i>Nyctalus leisleri</i>). This conclusion was based on the impact assessment criteria as relevant to CIEEM (2018). The magnitude of the effect is the potential injury and/or fatality of an unknown numbers of these species during migration. The duration of the effect is considered to be the operational lifetime of the project (40 years) and is therefore considered long-term. The effect of this impact is considered to be irreversible.</p> <p>In volume 3, chapter 13 of the Codling Wind Park EIAR, the impact of collision was predicted to have a slight significant effect for the same species as those in the Oriel EIAR (<i>Nathusius' pipistrelle</i>, Common pipistrelle, Soprano pipistrelle and Leisler's bat). This was based on an Impact Assessment Matrix of receptor sensitivity and the magnitude of impact, with cognisance to the EPA (2022) EIAR guidelines. The sensitivity was low for Common pipistrelle, Soprano pipistrelle and Leisler's Bat, and medium for <i>Nathusius's pipistrelle</i>. The magnitude of the impact was low for all species.</p> <p>The ability to quantify this impact is constrained by the limited knowledge and data available concerning migrating bats in the marine environment. However, the Codling Wind Park EIAR was estimated to have a lower level of impact compared to the Oriel Wind Farm Project. Therefore, there is no change to the conclusion as provided in the EIAR and effect remains as 'potential likely significant effects'.</p>	No change to the conclusions of the EIAR.

## 4 CONCLUSIONS

This document has presented a review of the CIA presented in the Oriel Wind Farm Project EIAR (2024). This review has considered all relevant known projects that have been published up to November 2025.

The Applicant has undertaken a review of the projects, including reviewing applicable Environmental Impact Assessment Reports (EIAR), scoping reports and application documents, to identify if these projects could result in a change to the conclusions of the CIA presented in the EIAR. For all of the projects reviewed, there is no potential for new cumulative effects to arise or an increase in cumulative effects for each of the topics considered and the conclusions of the Project CIA therefore remain unchanged.

The Applicant is aware that further information has been sought for three other east coast Phase 1 Projects (Arklow Wind Park, Codling Wind Park and the North Irish Sea Array). The Applicant is also aware that this may result in changes to these project designs and associated assessments. Where such assessments result in lesser impacts to those included in the published EIARs, there will be no increase in cumulative effects. For example, if foundation types were to change and piling was no longer required, then this would not result in cumulative effects from piling with the Oriel Wind Farm Project.

The Applicant is committed to engaging with the other Phase 1 projects on any future updates to the CIA.

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## ANNEX 1A: MATRIX 1 UPDATED PROJECTS

Other Development Details											Stage 1		Stage 2									
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Applic. of Oriel Application Boundary (km)	Status of Project (as of 06/02/2023)	Tier	Within Zof?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further consideration required for potential for spatial/temporal overlap?	Other factors?		Scale and nature of development likely to have significant effect?	Progress to Stage 3/4	
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3-2022 – 2023)	Temporal overlap with operation phase (Q4 2024 – 2028)		Outline changes made to project since August 2023	Are the updates relevant to the impacts considered in this topic?	Do the updates lead to Increased Impacts to Works assessed in the Oriel EIA/R?		
76	Ireland	Port/Marine Infrastructure	MAC2023003	Greencore Port Doyle Shipping Group	Greencore Port Project - ORE O&M facility	<a href="https://www.marlineregulator.ie/documents/2024/11/14/2023003_Received.pdf">https://www.marlineregulator.ie/documents/2024/11/14/2023003_Received.pdf</a>	10	MAC received application for Planning Consent MAC - Construction (Applications)	Tier 1	Yes	Yes	10/04/2024 Unknown	10/04/2029 Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been consented	Yes	Yes	
79	Ireland	ORE Projects	2022-MAC-005	Stakraft	North Irish Sea Array (NISA)	<a href="https://www.marlineregulator.ie/documents/2024/09/22/MAC-005_NISA.pdf">https://www.marlineregulator.ie/documents/2024/09/22/MAC-005_NISA.pdf</a> <a href="https://www.marlineregulator.ie/documents/2024/09/22/MAC-005_NISA.pdf">https://www.marlineregulator.ie/documents/2024/09/22/MAC-005_NISA.pdf</a>	16	Planning MAC - Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	x	x	x	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes	
The following Projects have been withdrawn since the application was submitted in 2024:																						
n/a	Ireland	ORE Site Investigations	FS007373	Mainstream Renewable Power Ltd	Mainstream Renewable Power Ltd - Site Investigations off Co. Dublin	<a href="https://www.gov.ie/en/consultations/notice007372_mainstream-renewable-power-ltd-site-investigations-off-co-dublin/">https://www.gov.ie/en/consultations/notice007372_mainstream-renewable-power-ltd-site-investigations-off-co-dublin/</a>	4	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	x	x	x	No	Project withdrawn	No - no temporal overlap	N/A	No	
n/a	Ireland	ORE Site Investigations	FS007392	Lir Offshore Array Ltd	Lir Offshore Array Ltd. Site Investigations for the proposed Lir Offshore Array	<a href="https://www.gov.ie/en/consultations/notice008726_lir-offshore-array-ltd-site-investigations-for-the-proposed-lir-offshore-array/">https://www.gov.ie/en/consultations/notice008726_lir-offshore-array-ltd-site-investigations-for-the-proposed-lir-offshore-array/</a>	8	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	No	No offshore wind farms will proceed except in a National Designated Marine Protected Area and so this project can be considered withdrawn.	No - no temporal overlap	N/A	No	
n/a	Ireland	Sampling	FS007197	Dr Grace Coll and Shannon Burke	UCD Soil and Vegetation Sampling - Dundalk Marshes	<a href="https://www.gov.ie/en/consultations/notice008727_soil-and-vegetation-sampling-dundalk-marshes/">https://www.gov.ie/en/consultations/notice008727_soil-and-vegetation-sampling-dundalk-marshes/</a>	20	Withdrawn Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	No	Project withdrawn	No - no temporal overlap	N/A	No	

Other Development Details										Stage 1		Stage 2							Progress to Stage 3/4		
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Nearest distance from Oriel Application Boundary (km)	Status of Project (as of 01/01/2023)	Tier	Within Zon?	Progress to Stage 2?	Licensable Period		Spatiotemporal overlap with Project		Further Consideration required for potential for spatial/temporal overlap?	Other factors?		Scale and nature of development likely to have significant effect?	Progress to Stage 3/4	
												Start date	Licence Expiration Date	Overlap with Oriel Application Boundary	Temporal overlap with operation (2023-2025)	Temporal overlap with construction (2023-2025)	Outline changes made to project since August 2023	Are there changes relevant to the impacts considered in this topic?	Do the updates lead to the potential for increased impacts to those assessed in the Oriel EIAR?		
76	Ireland	Port/Marine Infrastructure	MAC2023003	Greencore Port Doyle Shipping Group	Greencore Port Project - ORE O&M facility	<a href="https://www.maritime regulator.ie/wp-content/uploads/2024/04/MAC-2023003_Redacted.pdf">https://www.maritime regulator.ie/wp-content/uploads/2024/04/MAC-2023003_Redacted.pdf</a>	10	MAC received and Planning Consent MAC Applications	Tier 1	Yes	Yes	10/04/2024 Unknown	10/04/2069 Unknown	x	✓	✓	Yes	Project now consented	Yes, as project has now been consented	Yes	Yes
79	Ireland	ORE Projects	2022-MAC-005	Stakraft	North Irish Sea Array (NISA)	<a href="https://www.maritime regulator.ie/wp-content/uploads/2024/04/2022-MAC-005_NISA.pdf">https://www.maritime regulator.ie/wp-content/uploads/2024/04/2022-MAC-005_NISA.pdf</a> <a href="https://www.maritime regulator.ie/our-work/maritime-area-consents/applications-determined/">https://www.maritime regulator.ie/our-work/maritime-area-consents/applications-determined/</a>	16	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	x	✓	✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available	Yes	Yes
N/A	N Ireland	Port/Marine Infrastructure	ML2023023	Louth County Council	Carlingford Lough Greenway Section 1 (from Carlingford Lough border and Victoria Locks)	<a href="https://new.dpb.ie/consultations/consultation/2022/07/carlingford-lough-greenway-section-1-from-carlingford-lough-border-and-victoria-locks">https://new.dpb.ie/consultations/consultation/2022/07/carlingford-lough-greenway-section-1-from-carlingford-lough-border-and-victoria-locks</a>	>20	Consented Planning	Tier 1	Yes	Yes	22/12/2023 Unknown	01/03/2025 Unknown	x	x	x	No	Project now consented	No - no temporal overlap	N/A	No
The following Projects have been withdrawn since the application was submitted in 2024																					
N/A	Ireland	ORE Site Investigations	FS007373	Mainstream Renewable Power Ltd	Mainstream Renewable Power Ltd Site Investigations on Co. Dublin	<a href="https://new.dpb.ie/consultations/consultation/2022/07/mainstream-renewable-power-ltd-site-investigations-off-co-dublin/">https://new.dpb.ie/consultations/consultation/2022/07/mainstream-renewable-power-ltd-site-investigations-off-co-dublin/</a>	4	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	x	x	x	No	Project withdrawn	No - no temporal overlap	N/A	No
N/A	Ireland	ORE Site Investigations	FS007362	Lir Offshore Array Ltd.	Lir Offshore Array Ltd., Site Investigations for the proposed Lir Offshore Array	<a href="https://www.gov.ie/en/foreshore/notice/9876b-4007-302-1c/offshore-array-lir-site-investigations-for-the-proposed-lir-offshore-array-in-the-south-east-and-south-west-coastal-area/">https://www.gov.ie/en/foreshore/notice/9876b-4007-302-1c/offshore-array-lir-site-investigations-for-the-proposed-lir-offshore-array-in-the-south-east-and-south-west-coastal-area/</a>	8	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	No	No offshore wind farms will proceed except in a National Designated Marine Planning area and so this project can be considered withdrawn.	No - no temporal overlap	N/A	No
N/A	Ireland	Sampling	FS007197	Dr Grace Coll and Shannon Burke	UCD Soil and Vegetation Sampling - Dundalk Marshes	<a href="https://www.gov.ie/en/foreshore/notice/9876b-4007-302-1c/soil-and-vegetation-sampling-dundalk-marshes/">https://www.gov.ie/en/foreshore/notice/9876b-4007-302-1c/soil-and-vegetation-sampling-dundalk-marshes/</a>	20	Withdrawn Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	No	Project withdrawn	No - no temporal overlap	N/A	No

Note: changes to projects are shown in red.

Other Development Details										Stage 1		Stage 2									
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023-2023)	Tier	Within ZOI?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of significant spatial/temporal overlap?	Other factors?		Scale and nature of development likely to have significant effect?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3-2023-2023)	Temporal overlap with operation (Q3-2023-2024)	Outline changes made to project since August 2023	Are the updates relevant to the impacts considered in this scope?	Do the updates lead to increased impacts to those assessed in the Oriel EIAR?		
N/A	Ireland	Sampling	FS007192	Dr Grace Cott and Shannon Burke	UCD Soil and Vegetation Sampling - Dundalk Marshes	<a href="https://www.gov.ie/en/foreshore-notices/7721/ucd-soil-and-vegetation-sampling-ballyvoyle/">https://www.gov.ie/en/foreshore-notices/7721/ucd-soil-and-vegetation-sampling-ballyvoyle/</a>	> 50	Withdrawn Planning	Tier 1	Yes	Yes	Unknown	Unknown	*	*	*	No	Project withdrawn	No - project now withdrawn	N/A	No
N/A	Ireland	Sampling	FS007197	Dr Grace Cott and Shannon Burke	UCD Soil and Vegetation Sampling - Dundalk Marshes	<a href="https://www.gov.ie/en/foreshore-notices/7764/ucd-soil-and-vegetation-sampling-dundalk-marshes/">https://www.gov.ie/en/foreshore-notices/7764/ucd-soil-and-vegetation-sampling-dundalk-marshes/</a>	> 50	Withdrawn Planning	Tier 2	Yes	Yes	Unknown	Unknown	*	*	*	No	Project withdrawn	No - project now withdrawn	N/A	No
N/A	Ireland	Sampling	FS007274	Dr Grace Cott and Shannon Burke	UCD Soil and Vegetation Sampling - Ballinlough	<a href="https://www.gov.ie/en/foreshore-notices/7804/ucd-soil-and-vegetation-sampling-ballylough/">https://www.gov.ie/en/foreshore-notices/7804/ucd-soil-and-vegetation-sampling-ballylough/</a>	< 80	Withdrawn Planning	Tier 2	Yes	Yes	Unknown	Unknown	*	*	*	No	Project withdrawn	No - project now withdrawn	N/A	No
N/A	N Ireland	Marine Construction	ML2023002	Ardglass harbour	Voluntary dismantling	<a href="https://www.derra-ni.gov.uk/articles/marine-licensing-public-register">https://www.derra-ni.gov.uk/articles/marine-licensing-public-register</a>	> 40	Withdrawn Planning	Tier 2	Yes	Yes	Unknown	Unknown	*	*	*	No	Project withdrawn	No - project now withdrawn	N/A	No

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Offshore Application Boundary (km)	Status of Project (as of September 2023)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2				Other factors?	Scale and nature of development likely to have significant effect?	Progress to Stage 3?				
												Licensable Period		Spatial/temporal overlap with Project										
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (2024-2025)	Temporal overlap with operation (2026-2028)								
1	England	Dredging	MLA/2014/001	Fairway Clearance and Offshore Services Limited	Fleetwood RNLI Lifeboat pen, River Wyre plough dredge	EMODnet	199	Licence suspended/refused	Tier 1	Yes	Yes	2014/01/01	01/01/2050	x	x	x	No	Licence date corrected	No, Licence refused	N/A	No			
414	UK	ORE Projects - Windfarm	-	Avel y Mor Offshore Wind Farm Limited	Avel y Mor Offshore Wind Farm	<a href="https://eviewmor.cymru/">https://eviewmor.cymru/</a>	142	Consented (Planning)	Tier 1	Yes	Yes	01/01/2023	01/01/2055	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	N/A	No			
21	UK	ORE Projects - Windfarm	-	Barrow Offshore Wind Limited	Barrow	EMODnet	177	Active Operational	Tier 1	Yes	Yes	01/05/2014	01/05/2026	x	x	x	Yes	Updated status information	No change to project. Considered already in 2023 ZOI	N/A	No			
22	UK	ORE Projects - Windfarm	-	Orsted Burbo (UK) Limited	Burbo Bank	EMODnet	191	Operational	Tier 1	Yes	Yes	11/07/2014	11/07/2039	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	N/A	No			
23	UK	ORE Projects - Windfarm	-	Orsted Burbo Extension (UK) Limited	Burbo Bank Extension	EMODnet	181	Operational	Tier 1	Yes	Yes	10/20/2020	10/29/2045	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	N/A	No			
25	UK	ORE Projects - Windfarm	-	Gwynt y Mor Offshore Wind Farm Limited	Gwynt y Mor	EMODnet	163	Operational	Tier 1	Yes	Yes	12/03/2008	12/03/2033	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	N/A	No			
26	UK	ORE Projects - Windfarm	-	North Hoyle Wind Farm Limited	North Hoyle	EMODnet	177	Operational	Tier 1	Yes	Yes	01/01/2003	01/01/2028	x	x	x	No	Project description clarified added	No change to project. Considered already in 2023 ZOI	N/A	No			
27	UK	ORE Projects - Windfarm	-	Ormonde Energy Limited	Ormonde	EMODnet	169	Operational	Tier 1	Yes	Yes	28/04/2007	31/12/2022	x	x	x	No	Project description clarified added	No change to project. Considered already in 2023 ZOI	N/A	No			
28	UK	ORE Projects - Windfarm	-	Consortium of EnBW and BP	R4 Project 4 (Mona)	<a href="https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/E-N010137">https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/E-N010137</a>	127	Consented (Planning)	Tier 1	Yes	Yes	2026	2055	x	x	x	Yes	Project now consented	Year 2026 is significant further information available	Yes	Yes			
29	UK	ORE Projects - Windfarm	-	Offshore Wind Limited, a Joint Venture between Cemex, Instalaciones y Servicios, S.A. and Flotacion E	R4 Project 5 (Morecambe)	EMODnet	151	Consented (Planning)	Tier 1	Yes	Yes	2026	2055	x	x	x	Yes	Project now consented	Yes, there is significant further information available	Yes	Yes			
30	UK	ORE Projects - Windfarm	-	Consortium of EnBW and BP	R4 Project 6 (Morgan)	<a href="https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/E-N010136">https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/E-N010136</a>	119	Consented (Planning)	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Project now consented	Yes, there is significant further information available	Yes	Yes			
31	UK	ORE Projects - Windfarm	-	Rhyl Flats Wind Farm Limited	Rhyl Flats	EMODnet	166	Active Operational	Tier 1	Yes	Yes	04/06/2015	03/06/2034	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is now operational as part of the baseline but no increased impact	No			
32	UK	ORE Projects - Windfarm	-	Walney Offshore Windfarm Limited	Walney 1	EMODnet	162	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
33	UK	ORE Projects - Windfarm	-	Walney Offshore Windfarm Limited	Walney 2	EMODnet	156	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
34	UK	ORE Projects - Windfarm	-	Walney Extension Limited	Walney Extension 3	EMODnet	140	Operational	Tier 1	Yes	Yes	11/28/2014	11/28/2039	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
35	UK	ORE Projects - Windfarm	-	Walney Extension Limited	Walney Extension 4	EMODnet	146	Operational	Tier 1	Yes	Yes	11/28/2014	11/28/2039	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
37	UK	ORE Projects - Windfarm	-	Scottish Offshore Renewables (WCS) Limited and Ordnance West of Duddon Sands (UK) Limited	West of Duddon Sands	EMODnet	162	Operational	Tier 1	Yes	Yes	9/23/2008	9/23/2033	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
38	UK	ORE Projects - Windfarm Cables	-	TC Barrow OFTO Limited	Barrow OFTO	EMODnet	181	Operational	Tier 1	Yes	Yes	8/14/2015	04/01/2030	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
39	UK	ORE Projects - Windfarm Cables	-	Diamond Transmission Partners BSC Limited	Burbo Bank Extension OFTO	EMODnet	179	Operational	Tier 1	Yes	Yes	10/29/2020	10/29/2045	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
40	UK	ORE Projects - Windfarm Cables	-	Gwynt y Mor OFTO plc	Gwynt y Mor OFTO	EMODnet	169	Active Operational	Tier 1	Yes	Yes	09/02/2015	08/02/2035	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
41	UK	ORE Projects - Windfarm Cables	-	TC Ormonde OFTO Limited	Ormonde OFTO	EMODnet	172	Operational	Tier 1	Yes	Yes	01/01/2011	01/01/2036	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
42	UK	ORE Projects - Windfarm Cables	-	TC Robin Rigg OFTO Limited	Robin Rigg OFTO	EMODnet	177	Active Operational	Tier 1	Yes	Yes	6/18/2015	4/19/2035	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
43	UK	ORE Projects - Windfarm Cables	-	Blue Transmission Walney 1 OFTO Limited	Walney 1 OFTO	EMODnet	167	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
44	UK	ORE Projects - Windfarm Cables	-	Blue Transmission Walney 2 OFTO Limited	Walney 2 OFTO	EMODnet	163	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
45	UK	ORE Projects - Windfarm Cables	-	Diamond Transmission Partners BSC Limited	Walney Extension OFTO	EMODnet	145	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	x	x	Yes	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
47	UK	ORE Projects - Windfarm Cables	-	WesD Offshore Transmission Pic	West of Duddon Sands OFTO	EMODnet	172	Operational	Tier 1	Yes	Yes	3/15/2018	3/15/2028	x	x	x	No	Project description clarified added	No change to project. Considered already in 2023 ZOI	No - Project is considered as part of the baseline for marine mammals	No			
50	UK	ORE Projects - Total	-	Nova Innovation Ltd	Bardsey Sound	EMODnet	148	Planning Cancelled	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Project description clarified added	No project cancelled	No - Project is considered as part of the baseline for marine mammals	No			
51	UK	ORE Projects - Total	-	Minesco UK Limited	Holyhead Deep	EMODnet	103	Operational	Tier 1	Yes	Yes	04/12/2017	04/12/2052	x	x	x	Yes	Project description clarified added	No project cancelled	No - Project is considered as part of the baseline for marine mammals	No			
52	UK	ORE Projects - Total	-	Minesco UK Limited	Holyhead Deep 0.5MW Site	EMODnet	105	Operational	Tier 1	Yes	Yes	04/12/2017	04/12/2052	x	x	x	Yes	Project description clarified added	No project cancelled	No - Project is considered as part of the baseline for marine mammals	No			
53	UK	ORE Projects - Total	-	Minesco UK Limited	Strangford Lough	EMODnet	98	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	x	x	x	Yes	Project description clarified added	No project cancelled	No - Project is considered as part of the baseline for marine mammals	No			
54	UK	ORE Projects - Total	-	Menter Môn Morlais Limited	West Anglesey Demonstration Zone	EMODnet	106	Consented	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Project description clarified added	No project cancelled	No - Project is considered as part of the baseline for marine mammals	No			
58	UK	ORE Projects - Test Site	-	Queens University Belfast Test Site	QUB Test Site	EMODnet	58	Operational	Tier 1	Yes	Yes	08/11/2012	08/11/2037	x	x	x	Yes	Project description clarified added	No project cancelled	No - Project is considered as part of the baseline for marine mammals	No			
59	UK	ORE Projects - Test Site	-	Queens University Belfast	QUB Wave Test Site	EMODnet	59	Operational	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Project description clarified added	No project cancelled	No - Project is considered as part of the baseline for marine mammals	No			
61	UK	ORE Projects - Windfarm	-	RWE Renewables UK	Robin Rigg East	EMODnet	175	Operational	Tier 1	Yes	Yes	09/10/2019	6/20/2023	x	x	x	Yes	Project description clarified added	No project cancelled	No - Project is considered as part of the baseline for marine mammals	No			
62	UK	ORE Projects - Windfarm	-	RWE Renewables UK	Robin Rigg West	EMODnet	173	Operational	Tier 1	Yes	Yes	09/10/2019	6/20/2023	x	x	x	Yes	Project description clarified added	No project cancelled	No - Project is considered as part of the baseline for marine mammals	No			
66	Ireland	Dredging	90018-02-2021-02	Iarnród Eireann/Weed	Iarnród Eireann/Weed	<a href="https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02">https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02</a>	> 100	Consented	Tier 1	Yes	Yes	12/10/2023	20/09/2027	x	x	x	No	Changes to licensable period	No, no temporal overlap	N/A	No			
67	Ireland	Dredging	F5007583	Wicklow County Council	Wicklow Port Company	<a href="https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02">https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02</a>	> 100	Consented	Tier 1	Yes	Yes	26/04/2024	26/04/2027	x	x	x	No	Project now consented	Yes, as project has been licensed	No - no potential for receptor-impacted pathway	No			
69	Ireland	Dredging	F5007164	Dublin Port Company	Dublin Port Company Capital	<a href="https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02">https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02</a>	70	Consented	Tier 1	Yes	Yes	13/12/2023	13/12/2025	x	x	x	Yes	Project now consented	Yes, as project has been licensed	No - no potential for receptor-impacted pathway	No			
70	Ireland	Oil and Gas	F5005704	Independent Pipeline Company	Independent Pipeline Company	<a href="https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02">https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02</a>	70	Consented	Tier 1	Yes	Yes	2018	21/11/2030	x	x	x	Yes	Licensable date updated	Yes, as project has been licensed	No - no potential for receptor-impacted pathway	No			
72	Ireland	Port/Maritime Infrastructure	F5007200	Dun Laoghaire Rathdown County	Ciarán Pier	<a href="https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02">https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02</a>	70	Consented	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Project now consented	Yes, as project has been licensed	No - no potential for receptor-impacted pathway	No			
73	Ireland	Port/Maritime Infrastructure	F5007224	Iarnród Eireann/Rosslare Europe/Bethel Extension	OPW Wicklow Town	<a href="https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02">https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02</a>	>100	Consented	Tier 1	Yes	Yes	03/12/2024	03/12/2059	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - no potential for receptor-impacted pathway	No			
75	Ireland	Port/Maritime Infrastructure	F5007004	OPW	OPW	<a href="https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02">https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02</a>	>100	Consented	Tier 1	Yes	Yes	2024	Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - no potential for receptor-impacted pathway	No			
76	Ireland	Port/Maritime Infrastructure	MAC203003	Greencore Port Project - ORC CAM acidity	Greencore Port Project - ORC CAM acidity	<a href="https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02">https://eviewirish.ocean.ie/online/submit/submitProjectDetails.aspx?ProjectID=90018-02-2021-02</a>	10	Consented	Tier 1	Yes	Yes	10/04/2024	10/04/2029	x	x	x	Yes	Project now consented	Yes, as project has now been consented	No - no potential for receptor-impacted pathway	No			

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Average distance from Application Boundary (km)	Status of Project (as of <del>06/06/2024</del> 2024)	Tier	Within Zof?	Progress to Stage 2?	Stage 1		Stage 2		Stage 3		State and nature of development likely to have significant effect?	Progress to Stage 3?		
												Licensable Period		Spatial-temporal overlap with Project		Other factors?					
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction phase (01/01/2024 - 31/12/2026)	Temporal overlap with construction phase (01/01/2027 - 31/12/2029)	Outline changes made to project since August 2024	Are the updates relevant to the impact described in this topic?	Do the updates lead to potential for increased impacts to those assessed in the Oriel EIAR?		
77	Ireland	ORE Projects	2022-MAC-002	Sure Partners Limited SSE Renewables	Arlow Bank Wind Park Phase 2	<a href="https://www.surenrenewables.com/cf/phases-when-project-arrangebankwind-park/">https://www.surenrenewables.com/cf/phases-when-project-arrangebankwind-park/</a> <a href="https://www.surenrenewables.com/cf/phases-when-project-arrangebankwind-park/2024/04/2024/2024-MAC-002-Arlow-Bank-Wind-Park.pdf">https://www.surenrenewables.com/cf/phases-when-project-arrangebankwind-park/2024/04/2024/2024-MAC-002-Arlow-Bank-Wind-Park.pdf</a>	111	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2027 Term of licence: 45 years	*	✓	✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes
78	Ireland	ORE Projects	2022-MAC-006	Coding Wind Park Ltd.	Coding Wind Park	<a href="https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-006-Coding-Wind-Park-Ltd_AMENDED_reduced.pdf">https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-006-Coding-Wind-Park-Ltd_AMENDED_reduced.pdf</a>	83	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2027 Term of licence: 45 years	*	✓	✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes
79	Ireland	ORE Projects	2022-MAC-005	Statkraft	North Sea Array (NSA)	<a href="https://www.statkraft.com/seaarray/">https://www.statkraft.com/seaarray/</a> <a href="https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-005-NSA.pdf">https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-005-NSA.pdf</a>	16	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2027 Term of licence: 45 years	*	✓	✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes
80	Ireland	ORE Projects	2022-MAC-003 and 004	Bray Offshore Wind Limited and Kish Offshore Wind Limited RWE	Dublin Array	<a href="https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-003-and-004-Bray-and-Kish-Offshore-Wind-Ltd_AMEND_EI-revised.pdf">https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-003-and-004-Bray-and-Kish-Offshore-Wind-Ltd_AMEND_EI-revised.pdf</a>	73	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2027 Term of licence: 45 years	*	✓	✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes
81	Ireland	ORE Site Investigations	FS00755	Sure Partners Ltd	Arlow Bank Wind Park off coast of County Wicklow	<a href="https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-005-and-007-Arlow-Bank-Wind-Park-off-coast-of-county-wicklow.pdf">https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-005-and-007-Arlow-Bank-Wind-Park-off-coast-of-county-wicklow.pdf</a>	107	Consented Planning	Tier 1	Yes	Yes	26/07/2024	26/07/2029 Unknown	*	✓	*	Yes	Project now consented	Yes, as project has now been licensed	Yes	Yes
83	Ireland	Site Investigations	FS00765	MarConn Ltd	MarConn Offshore Electricity Interconnector Site Interconnector	<a href="https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-009-MarConn-Offshore-Electricity-Interconnector.pdf">https://www.marinemanager.ie/s/submit/uploads/2024/04/2024-MAC-009-MarConn-Offshore-Electricity-Interconnector.pdf</a>	35	Closed Planning	Tier 1	Yes	Yes	04/07/2024	04/07/2029 N/A	*	✓	*	Yes	Project now consented	Yes, as project has now been licensed	Yes	Yes
86	Ireland	Site Investigations	FS007180	Tech Works Marine Ltd	Data Buoy Deployment	<a href="https://www.gov.ie/en/seaforce/notice/500780-ttech-works-marine-ltd-data-buoy-deployment/">https://www.gov.ie/en/seaforce/notice/500780-ttech-works-marine-ltd-data-buoy-deployment/</a>	65	Consented Planning	Tier 1	Yes	Yes	11/04/2024	11/04/2029 Unknown	*	✓	*	Yes	Project now consented	Yes, as project has now been licensed	No impact pathway for marine mammals - no geographical or seasonal overlap	No
87	Ireland	Site Investigations	FS006909	Fingal County Council	Broadhaven Way Greenway	<a href="https://www.gov.ie/en/seaforce/notice/527727-fingal-county-council-broadhaven-way-greenway/">https://www.gov.ie/en/seaforce/notice/527727-fingal-county-council-broadhaven-way-greenway/</a>	55	Consented Planning	Tier 1	Yes	Yes	02/05/2021	02/05/2029 N/A	*	✓	*	Yes	Project now consented	Yes, as project has now been licensed	Terrestrial greenway development - no impact pathway for marine mammals	No
N/A	Ireland	ORE Site Investigations	FS007546	Coding Wind Park Ltd.	Coding Wind Park Ltd. Site Investigations for proposed Offshore Wind Farm, off County Wicklow and Dublin	<a href="https://www.gov.ie/en/seaforce/notice/5007546-fcoding-wind-park-ltd-site-investigations-for-proposed-offshore-wind-farm-and-farm-off-counties-wicklow-and-dublin/">https://www.gov.ie/en/seaforce/notice/5007546-fcoding-wind-park-ltd-site-investigations-for-proposed-offshore-wind-farm-and-farm-off-counties-wicklow-and-dublin/</a>	60	Consented	Tier 1	Yes	Yes	12/05/2023	12/05/2028	*	✓	*	No	Project now consented	Project was consented in 2023 and no changes to the Project have been made since application. Construction phase of Oriel Wind Farm Project has been extended and so temporal overlap with this Project no longer exists	N/A	N/A
N/A	Ireland	ORE Site Investigations	FS007188	RWE Renewables	RWE Renewables Site Investigations off Co. Dublin and Wicklow	<a href="https://www.gov.ie/en/seaforce/notice/5007188-rwe-renewables-site-investigations-off-county-dublin-and-wicklow/">https://www.gov.ie/en/seaforce/notice/5007188-rwe-renewables-site-investigations-off-county-dublin-and-wicklow/</a>	47	Consented	Tier 1	Yes	Yes	13/01/2023	13/01/2028	*	✓	*	No	Project now consented	Project was consented in 2023 and no changes to the Project have been made since application. Construction phase of Oriel Wind Farm Project has been extended and so temporal overlap with this Project no longer exists	N/A	N/A
N/A	Ireland	ORE Site Investigations	FS007339	Sure Partners	Arlow Bank Wind Park Phase 2 Site Investigations	<a href="https://www.gov.ie/en/seaforce/notice/515182-sure-partners-arlow-bank-wind-park-phase-2-site-investigations/">https://www.gov.ie/en/seaforce/notice/515182-sure-partners-arlow-bank-wind-park-phase-2-site-investigations/</a>	122	Consented	Tier 1	Yes	Yes	13/05/2022	13/05/2027	*	✓	*	No	Project now consented	Project was consented in 2022 and no changes to the Project have been made since application. Construction phase of Oriel Wind Farm Project has been extended and so temporal overlap with this Project no longer exists	N/A	N/A
The following Projects have been withdrawn since the application was submitted in 2024																					
N/A	Ireland	ORE Site Investigations	FS007373	Mainstream Renewable Power Ltd	Mainstream Renewable Power Ltd - Site Investigations off Co. Dublin	<a href="https://www.gov.ie/en/seaforce/notice/511757-mainstream-renewable-power-ltd-site-investigations-off-county-dublin/">https://www.gov.ie/en/seaforce/notice/511757-mainstream-renewable-power-ltd-site-investigations-off-county-dublin/</a>	4	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	*	✓	✓	No	Project withdrawn	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007661	EirGrid	EirGrid - Offshore Energy Site Investigations for proposed Offshore Wind Farm and Waterford	<a href="https://www.gov.ie/en/seaforce/notice/520516-eirgrid-offshore-energy-site-investigations-for-proposed-offshore-wind-farm-and-waterford/">https://www.gov.ie/en/seaforce/notice/520516-eirgrid-offshore-energy-site-investigations-for-proposed-offshore-wind-farm-and-waterford/</a>	201	Withdrawn Planning	Tier 1	Yes	Yes	N/A Unknown	N/A Unknown	*	✓	*	No	Project withdrawn	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007472	Mac Lir Offshore Wind Limited	Mac Lir Offshore Wind Limited - Site Investigations for proposed Offshore Wind Farm, off County Wicklow and Dublin	<a href="https://www.gov.ie/en/seaforce/notice/507472-mac-lir-offshore-wind-limited-site-investigations-for-proposed-offshore-wind-farm-off-county-wicklow-and-dublin/">https://www.gov.ie/en/seaforce/notice/507472-mac-lir-offshore-wind-limited-site-investigations-for-proposed-offshore-wind-farm-off-county-wicklow-and-dublin/</a>	56	Closed Planning	Tier 1	Yes	Yes	N/A Unknown	N/A Unknown	*	✓	*	No	Project closed	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007367	Greystones (OWL) Windfarm Ltd	Greystones (OWL) Windfarm Ltd - Site Investigations to develop offshore windfarm off Dublin/Wicklow	<a href="https://www.gov.ie/en/seaforce/notice/5007367-greystones-owl-windfarm-ltd-site-investigations-to-develop-offshore-windfarm-off-dublin-wicklow/">https://www.gov.ie/en/seaforce/notice/5007367-greystones-owl-windfarm-ltd-site-investigations-to-develop-offshore-windfarm-off-dublin-wicklow/</a>	45	Withdrawn Planning	Tier 1	Yes	Yes	N/A Unknown	N/A Unknown	*	✓	*	No	Project withdrawn	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007392	Lx Offshore Array Ltd.	Lx Offshore Array Ltd. Site Investigations for the proposed Lx Offshore Wind Farm	<a href="https://www.gov.ie/en/seaforce/notice/5007392-lx-offshore-array-ltd-site-investigations-for-the-proposed-lx-offshore-wind-farm/">https://www.gov.ie/en/seaforce/notice/5007392-lx-offshore-array-ltd-site-investigations-for-the-proposed-lx-offshore-wind-farm/</a>	8	Planning	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	*	No	No offshore wind farms will be located within the National Designated Maritime Area Plan area and so can not be considered withdrawn.	No	No - no temporal overlap	No
N/A	Ireland	ORE Site Investigations	FS007488	Celtic Offshore Renewable Energy	Celtic Offshore Renewable Energy Site Investigations off proposed Offshore Wind Farm, off County Wicklow and Waterford	<a href="https://www.gov.ie/en/seaforce/notice/524748-celtic-offshore-renewable-energy-site-investigations-off-proposed-offshore-wind-farm-off-county-wicklow-and-waterford/">https://www.gov.ie/en/seaforce/notice/524748-celtic-offshore-renewable-energy-site-investigations-off-proposed-offshore-wind-farm-off-county-wicklow-and-waterford/</a>	185	Withdrawn Planning	Tier 1	Yes	Yes	N/A Unknown	N/A Unknown	*	✓	*	No	Project withdrawn	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007464	Bore An Lá Ltd.	Bore An Lá Ltd. Site Investigations for proposed Offshore Wind Farm and Waterford	<a href="https://www.gov.ie/en/seaforce/notice/5007464-bore-an-la-ltd-site-investigations-for-proposed-offshore-wind-farm-and-waterford/">https://www.gov.ie/en/seaforce/notice/5007464-bore-an-la-ltd-site-investigations-for-proposed-offshore-wind-farm-and-waterford/</a>	185	Closed Planning	Tier 1	Yes	Yes	N/A Unknown	N/A Unknown	*	✓	*	No	Project closed	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007283	Barbna Wind Ltd.	Barbna Wind Ltd. Site Investigations for proposed Offshore Wind Farm	<a href="https://www.gov.ie/en/seaforce/notice/5007283-barbna-wind-ltd-site-investigations-for-proposed-offshore-wind-farm/">https://www.gov.ie/en/seaforce/notice/5007283-barbna-wind-ltd-site-investigations-for-proposed-offshore-wind-farm/</a>	57	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	*	✓	*	No	Project withdrawn	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007330	Réant na Mara Offshore Wind Farm Ltd	Réant na Mara Offshore Wind Farm Ltd, site investigations of the proposed Offshore Wind Farm	<a href="https://www.gov.ie/en/seaforce/notice/5007330-reant-na-mara-offshore-wind-farm-ltd-site-investigations-of-the-proposed-offshore-wind-farm/">https://www.gov.ie/en/seaforce/notice/5007330-reant-na-mara-offshore-wind-farm-ltd-site-investigations-of-the-proposed-offshore-wind-farm/</a>	57	Withdrawn Planning	Tier 1	Yes	Yes	N/A Unknown	N/A Unknown	*	✓	*	No	Project withdrawn	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007232	DP Energy	DP Energy - Site Investigations off proposed Offshore Wind Farm, off County Wicklow and Waterford	<a href="https://www.gov.ie/en/seaforce/notice/5007232-dp-energy-site-investigations-off-proposed-offshore-wind-farm-off-county-wicklow-and-waterford/">https://www.gov.ie/en/seaforce/notice/5007232-dp-energy-site-investigations-off-proposed-offshore-wind-farm-off-county-wicklow-and-waterford/</a>	>100	Closed Planning	Tier 1	Yes	Yes	N/A Unknown	N/A Unknown	*	✓	*	No	Project closed	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007135	ESB Wind Development Ltd.	ESB Wind Development Ltd. Site Investigations of proposed East Celtic Offshore Wind Farm Park, off Counties Wicklow and Waterford	<a href="https://www.gov.ie/en/seaforce/notice/5007135-esb-wind-development-ltd-site-investigations-of-proposed-east-celtic-offshore-wind-farm-park-off-counties-wicklow-and-waterford/">https://www.gov.ie/en/seaforce/notice/5007135-esb-wind-development-ltd-site-investigations-of-proposed-east-celtic-offshore-wind-farm-park-off-counties-wicklow-and-waterford/</a>	>120	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	*	✓	*	No	Project withdrawn	No	N/A	No
N/A	Ireland	ORE Site Investigations	FS007318	RWE Renewables Ireland East Celtic Ltd.	RWE Renewables Ireland East Celtic Ltd. Site Investigations for proposed East Celtic Offshore Wind Farm Park, off Counties Wicklow and Waterford	<a href="https://www.gov.ie/en/seaforce/notice/5007318-rwe-renewables-ireland-east-celtic-ltd-site-investigations-for-proposed-east-celtic-offshore-wind-farm-park-off-counties-wicklow-and-waterford/">https://www.gov.ie/en/seaforce/notice/5007318-rwe-renewables-ireland-east-celtic-ltd-site-investigations-for-proposed-east-celtic-offshore-wind-farm-park-off-counties-wicklow-and-waterford/</a>	204	Withdrawn Planning	Tier 1	Yes	Yes	N/A Unknown	N/A Unknown	*	✓	*	No	Project withdrawn	No	N/A	No

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Average distance from Oriel Application Boundary (km)	Status of Project (as of 06/09/2019)	Tier	Within Zof?	Progress to Stage 2?	Stage 1		Stage 2		Further consideration required because potential for significant overlap?	Other factors?	State and nature of development likely to have significant effect?	Progress to Stage 3/4				
												Licensable Period		Spatial/temporal overlap with Project									
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction period (01/01/2019 - 31/12/2020)	Temporal overlap with construction period (01/01/2021 - 31/12/2022)							
N/A	Ireland	ORE Site Investigations	FS007384	Celtic Horizon Offshore Wind Farm Limited	Celtic Horizon Offshore Wind Farm Limited Site Investigations for proposed offshore wind farm, off Co. Waterford and Co. Wexford	<a href="https://www.gov.ie/en/foreshore/notice/29173-ia007384-celtic-horizon-offshore-wind-farm-limited-site-investigations-for-proposed-offshore-wind-farm-off-counties-waterford-and-wexford/">https://www.gov.ie/en/foreshore/notice/29173-ia007384-celtic-horizon-offshore-wind-farm-limited-site-investigations-for-proposed-offshore-wind-farm-off-counties-waterford-and-wexford/</a>	185	Withdrawn Planning	Tier 1	Yes	Yes	N/A/Unknown	N/A/Unknown	*	*	*	No	Outline changes made to project since August 2019	Are the updates relevant to the impacts identified in this topic?	Do the updates lead to the potential for increased impacts to those assessed in the Oriel EIAR?	No		
N/A	Ireland	ORE Site Investigations	FS007374	Mainstream Renewable Power Ltd	Mainstream Renewable Power Ltd - Site Investigations for proposed offshore wind farm, off Co. Waterford	<a href="https://www.gov.ie/en/foreshore/notice/29174-ia007374-mainstream-renewable-power-ltd-site-investigations-off-co-waterford/">https://www.gov.ie/en/foreshore/notice/29174-ia007374-mainstream-renewable-power-ltd-site-investigations-off-co-waterford/</a>	195	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	*	*	*	No	Outline changes made to project since August 2019	Are the updates relevant to the impacts identified in this topic?	Do the updates lead to the potential for increased impacts to those assessed in the Oriel EIAR?	No		
N/A	Ireland	ORE Site Investigations	FS007151	Sunrise Wind Ltd.	Sunrise Wind Ltd - Site Investigations for proposed Sunrise Offshore Wind Farm, off Co. Cork, Co. Dublin and Co. Wicklow	<a href="https://www.gov.ie/en/foreshore/notice/108-ia007151-sunrise-wind-ltd-site-investigations-for-the-proposed-sunrise-offshore-wind-farm-off-counties-cork-dublin-and-wicklow/">https://www.gov.ie/en/foreshore/notice/108-ia007151-sunrise-wind-ltd-site-investigations-for-the-proposed-sunrise-offshore-wind-farm-off-counties-cork-dublin-and-wicklow/</a>	<50	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	*	*	*	No	Outline changes made to project since August 2019	Are the updates relevant to the impacts identified in this topic?	Do the updates lead to the potential for increased impacts to those assessed in the Oriel EIAR?	No		
N/A	Ireland	ORE Site Investigations	FS007261	Shelmalere Offshore Wind Farm	Shelmalere Offshore Wind Farm - Site Investigations off Co. Dublin and Co. Wicklow	<a href="https://www.gov.ie/en/foreshore/notice/ia007261-shelmalere-offshore-wind-farm-site-investigations-off-counties-dublin-and-wicklow/">https://www.gov.ie/en/foreshore/notice/ia007261-shelmalere-offshore-wind-farm-site-investigations-off-counties-dublin-and-wicklow/</a>	115	Closed Planning	Tier 1	Yes	Yes	N/A	N/A	*	*	*	No	Project closed	No	N/A	No		
N/A	Ireland	ORE Site Investigations	FS007134	ESB Wind	ESB Wind Development Ltd - Site Investigations at Sea Stacks Offshore Wind off Dublin and Wicklow	<a href="https://www.gov.ie/en/foreshore/notice/ia007134-esb-wind-development-ltd-site-investigations-at-sea-stacks-offshore-wind-off-dublin-and-wicklow/">https://www.gov.ie/en/foreshore/notice/ia007134-esb-wind-development-ltd-site-investigations-at-sea-stacks-offshore-wind-off-dublin-and-wicklow/</a>	59	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	*	*	*	No	Outline changes made to project since August 2019	Are the updates relevant to the impacts identified in this topic?	Do the updates lead to the potential for increased impacts to those assessed in the Oriel EIAR?	No		

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Minimum distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023 - 2023)	Stage 1		Stage 2										Scale and nature of development likely to have significant effect?	Progress to Stage 3/4		
									Tier	Within Zon?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of significant spatial/temporal overlap?	Outline changes made to project since August 2023	Other factors?					
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3-2023-Q3/2024)	Temporal overlap with operation (2028-2049)	Are the updates relevant to the impacts considered in this stage?							
1	England	Dredging	MLA/2014/00101	FAIRWAY CLEARANCE AND HARBOUR SERVICES LIMITED	Fairwood Haven, River Weymouth dredge	EMODnet	199	Licence issued - refused	Tier 1	Yes	Yes	01/01/2020-30/04/2014	01/01/2020-30/04/2024	*	*	*	No	Licence date corrected	No, Licence refused	N/A	No			
2	UK	Telecommunication Cables	KB0074	Global Crossing	Atlantic Crossing 1 Segment B1	EMODnet	420	Unknown - Operational (Online)	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
3	UK	Telecommunication Cables	KB0078	Piper	COAM	EMODnet	244	Unknown - Planning	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
4	UK	Telecommunication Cables	KB1022	British Telecom	RIOJA 2	EMODnet	424	Unknown - Operational (Online)	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
5	UK	Telecommunication Cables	KB1012	British Telecom	SEA-ME-WE 3 Segment 10.1	EMODnet	433	Unknown - Operational (Online)	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
6	UK	Telecommunication Cables	KB1042	British Telecom	SEA-ME-WE 3 Segment 10.2 + 10.3	EMODnet	434	Unknown - Operational (Online)	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
7	UK	Telecommunication Cables	KB1023	British Telecom / Jersey Telecoms	UK - Channel Islands 8	EMODnet	433	Unknown - Operational (Online)	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
8	England	Other removals	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Unknown - Operational (Online)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
9	England	Other deposits	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
10	England	Other deposits	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
11	England	Construction of new works	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
12	England	Other dredging	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
13	England	Navigational dredging (capital)	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
14	England	Other works	MLA/2012/002594	EDF ENERGY PLC	Combwich Wharf	EMODnet	364	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
15	England	Other dredging	MLA/2012/002594	EDF ENERGY PLC	Combwich Wharf	EMODnet	364	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
16	England	Navigational dredging (maintenance)	MLA/2012/002594	EDF ENERGY PLC	Combwich Wharf	EMODnet	364	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
17	England	Construction of new works	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
18	England	Construction of new works	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
19	England	Construction of new works	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
20	England	Other deposits	MLA/2012/002594	EDF ENERGY PLC	Site 1 Main development	EMODnet	354	Unknown - Operational (Variation Requested)	Tier 1	Yes	Yes	07/06/2013	31/12/2080	*	✓	✓	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
414	UK	ORE Projects - Windfarm	-	Awey y Mor Offshore Wind Farm Limited	Awey y Mor Offshore Wind Farm	<a href="https://www.aweyymor.com/">https://www.aweyymor.com/</a>	142	Consented - Planning	Tier 1	Yes	Yes	01/01/2023	01/01/2055	*	✓	✓	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA	N/A	No			
21	UK	ORE Projects - Windfarm	-	Barrow Offshore Wind Limited	Barrow	EMODnet	177	Active - Operational	Tier 1	Yes	Yes	01/05/2014	01/05/2026	*	✓	*	Yes	Updated status information	No change to project. Considered already in 2023 CIA	N/A	No			
22	UK	ORE Projects - Windfarm	-	Orsted Burbo (UK) Limited	Burbo Bank	EMODnet	191	Operational	Tier 1	Yes	Yes	11/07/2014	11/07/2039	*	✓	✓	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA	N/A	No			
23	UK	ORE Projects - Windfarm	-	Orsted Burbo Extension (UK) Limited	Burbo Bank Extension	EMODnet	181	Operational	Tier 1	Yes	Yes	10/29/2020	10/29/2045	*	✓	✓	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA	N/A	No			
24	UK	ORE Projects - Windfarm	-	Blue Gem Wind Limited	Eurus Floating Wind Farm	EMODnet	264	Planning	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA	N/A	No			
25	UK	ORE Projects - Windfarm	-	Gwynt y Mor Offshore Wind Farm Limited	Gwynt y Mor	EMODnet	163	Operational	Tier 1	Yes	Yes	12/03/2008	12/03/2033	*	✓	✓	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA	N/A	No			
26	UK	ORE Projects - Windfarm	-	North Hoyle Wind Farm Limited	North Hoyle	EMODnet	177	Operational	Tier 1	Yes	Yes	01/01/2003	01/01/2028	*	✓	✓	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA	N/A	No			
27	UK	ORE Projects - Windfarm	-	Ormonde Energy Limited	Ormonde	EMODnet	169	Operational	Tier 1	Yes	Yes	26/04/2007	31/12/2022	*	*	*	No	Project description clarification added	No change to project. Considered already in 2023 CIA	N/A	No			

Other Development Details											Stage 1		Stage 2							Scale and nature of development likely to have significant effect?	Progress to Stage 3/4	
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Planning distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023-2023)	Tier	Within Zoi?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of significant spatial/temporal overlap?	Outline changes made to project since August 2023	Are the updates relevant to the impacts considered in this stage?	Do the updates lead to increased impacts to those assessed in the Oriel EIAR?		
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3-2028-Q3/2029)	Temporal overlap with operation (2038-2064)						
28	UK	ORE Projects - Windfarm	-	Consortium of EnBW and BP	R4 Project 4 (Mona)	EMODnet	127	Consented Planning	Tier 1	Yes	Yes	2026	2055	x	✓	✓	Yes	Project now consented	Yes, there is significant further information available	Yes	Yes	
29	UK	ORE Projects - Windfarm	-	Offshore Wind Limited, a Joint Venture between Cobra Instalaciones y Servicios, S.A. and Petronas E	R4 Project 5 (Morecambe)	EMODnet	151	Consented Planning	Tier 1	Yes	Yes	2026	2055	x	✓	✓	Yes	Project now consented	Yes, there is significant further information available	Yes	Yes	
30	UK	ORE Projects - Windfarm	-	Consortium of EnBW and BP	R4 Project 6 (Morgan)	EMODnet	119	Consented Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Project now consented	Yes, there is significant further information available	Yes	Yes	
31	UK	ORE Projects - Windfarm	-	Rhyl Flats Wind Farm Limited	Rhyl Flats	EMODnet	166	Active Operational	Tier 1	Yes	Yes	04/06/2015	03/06/2034	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
32	UK	ORE Projects - Windfarm	-	Walney (UK) Offshore Windfarms Limited	Walney 1	EMODnet	162	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
33	UK	ORE Projects - Windfarm	-	Walney (UK) Offshore Windfarms Limited	Walney 2	EMODnet	156	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
34	UK	ORE Projects - Windfarm	-	Walney Extension Limited	Walney Extension 3	EMODnet	140	Operational	Tier 1	Yes	Yes	11/28/2014	11/28/2039	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
35	UK	ORE Projects - Windfarm	-	Walney Extension Limited	Walney Extension 4	EMODnet	146	Operational	Tier 1	Yes	Yes	11/28/2014	11/28/2039	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
36	UK	ORE Projects - Windfarm	-	WaveHub Limited Celtic Power Ltd	Wave Hub	EMODnet	387	Operational-Cancelled	Tier 1	Yes	Yes	08/11/2022	08/11/2037	x	x	x	No	Operator name change and project cancelled, site sold	No change to project. Considered already in 2023 CIA	N/A	No	
37	UK	ORE Projects - Windfarm	-	ScottishPower Renewables (WEDS) Limited and Ørsted West of Shetland Sands (UK) Limited	West of Shetland Sands	EMODnet	162	Operational	Tier 1	Yes	Yes	9/23/2008	9/23/2033	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
38	UK	ORE Projects - Windfarm Cables	-	TC Barrow OFTO Limited	Barrow OFTO	EMODnet	181	Operational	Tier 1	Yes	Yes	8/14/2015	04/01/2030	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
39	UK	ORE Projects - Windfarm Cables	-	Diamond Transmission Partners BBE Limited	Burbo Bank Offshore OFTO	EMODnet	179	Operational	Tier 1	Yes	Yes	10/29/2020	10/29/2045	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
40	UK	ORE Projects - Windfarm Cables	-	Gwynt y Mor OFTO plc	Gwynt y Mor OFTO	EMODnet	169	Active Operational	Tier 1	Yes	Yes	09/02/2015	08/02/2035	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
41	UK	ORE Projects - Windfarm Cables	-	TC Ormonde OFTO Limited	Ormonde OFTO	EMODnet	172	Operational	Tier 1	Yes	Yes	01/01/2011	01/01/2036	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
42	UK	ORE Projects - Windfarm Cables	-	TC Robin Rigg OFTO Limited	Robin Rigg OFTO	EMODnet	177	Active Operational	Tier 1	Yes	Yes	6/18/2015	4/19/2035	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
43	UK	ORE Projects - Windfarm Cables	-	Blue Transmission Walney 1 OFTO Limited	Walney 1 OFTO	EMODnet	167	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
44	UK	ORE Projects - Windfarm Cables	-	Blue Transmission Walney 2 OFTO Limited	Walney 2 OFTO	EMODnet	163	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
45	UK	ORE Projects - Windfarm Cables	-	Diamond Transmission Partners West of Shetland Sands Limited	Walney Extension OFTO	EMODnet	145	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
46	UK	ORE Projects - Windfarm Cables	-	WaveHub Limited Celtic Power Ltd	Wave Hub	EMODnet	391	Operational-Cancelled	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Operator name change and project cancelled, site sold	No change to project. Considered already in 2023 CIA	N/A	No	
47	UK	ORE Projects - Windfarm Cables	-	West of Shetland Sands OFTO	West of Shetland Sands	EMODnet	172	Operational	Tier 1	Yes	Yes	3/15/2018	3/15/2028	x	x	x	No	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
48	UK	ORE Projects - Test Site	-	Falmouth Harbour Commissioners	Falmouth Bay Test Site (FabTest)	EMODnet	423	Operational	Tier 1	Yes	Yes	01/01/2011	01/01/2026	x	x	x	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
49	UK	ORE Projects - Test Site	-	WaveHub Development Services Limited Celtic Power Ltd	South Pembrokeshire Demonstration Zone	EMODnet	274	Planning	Tier 1	Yes	Yes	01/01/2019	24/12/2048-2056	x	✓	✓	Yes	License end date updated	No change to project. Considered already in 2023 CIA	N/A	No	
50	UK	ORE Projects - Tidal	-	Nova Innovation Ltd	Barney	EMODnet	148	Planning-Cancelled	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Project description added	No project cancelled	N/A	No	
51	UK	ORE Projects - Tidal	-	Minesto UK Limited	Holthead Deep	EMODnet	103	Operational	Tier 1	Yes	Yes	04/12/2017	04/12/2052	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
52	UK	ORE Projects - Tidal	-	Minesto UK Limited	Deep 0.5MW	EMODnet	105	Operational	Tier 1	Yes	Yes	04/12/2017	04/12/2052	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
53	UK	ORE Projects - Tidal	-	Minesto UK Limited	Stornford Lough	EMODnet	58	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
54	UK	ORE Projects - Tidal	-	Menter Môn Morlais Limited	West Anglesey Demonstration Zone	EMODnet	106	Consented	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
55	UK	ORE Projects - Test Site	-	EMEC Limited	EMEC tlay Demonstration Zone	EMODnet	192	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
56	UK	ORE Projects - Test Site	-	EMEC Limited	Harris	EMODnet	438	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
57	UK	ORE Projects - Test Site	-	WaveHub Limited Celtic Power Ltd	North Devon Demonstration Zone	EMODnet	327	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Operator name change	No change to project. Considered already in 2023 CIA	N/A	No	
58	UK	ORE Projects - Test Site	-	Queens University Belfast	QUB Wave Test Site	EMODnet	58	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
59	UK	ORE Projects - Test Site	-	Queens University Belfast	QUB Wave Test Site	EMODnet	59	Operational	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
60	UK	ORE Projects - Windfarm	-	MachairWind Limited	MachairWind	EMODnet	>200km	Pre-application	Tier 3	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Project description added	Screened out of assessment due to lack of data confidence	N/A	No	
61	UK	ORE Projects - Windfarm	-	RWE Renewables UK	Robin Rigg East	EMODnet	175	Operational	Tier 1	Yes	Yes	09/10/2019	6/20/2023	x	x	x	No	Project description added	No temporal overlap	N/A	No	
62	UK	ORE Projects - Windfarm	-	RWE Renewables UK	Robin Rigg West	EMODnet	173	Operational	Tier 1	Yes	Yes	09/10/2019	6/20/2023	x	x	x	No	Project description added	No temporal overlap	N/A	No	
63	UK	ORE Projects - Tidal	-	Sustainable Marine Energy Ltd	Connel	EMODnet	292	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	x	x	x	Yes	Project description added	No temporal overlap	N/A	No	
64	UK	ORE Projects - Tidal	-	Oran na Mara Ltd	Oran na Mara	EMODnet	213	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Project description added	No change to project. Considered already in 2023 CIA	N/A	No	
65	Ireland	Dredging	S0013-01-66945-#B	Port of Cork Company	<a href="https://opewebapp.epa.ie/permissions/Ds/DsDss.aspx?reg=reg-S0013-01-66945-#B">https://opewebapp.epa.ie/permissions/Ds/DsDss.aspx?reg=reg-S0013-01-66945-#B</a>	>100	Consented	Tier 1	Yes	Yes	04/08/2023	29/12/2030-2041	x	✓	✓	Yes	Changes to licensable period	Yes, as there is now temporal overlap	No - impact pathway	No		
66	Ireland	Dredging	S0016-02-50945-#B	Iarnn Eireann Wexford	<a href="https://opewebapp.epa.ie/permissions/Ds/DsDss.aspx?reg=reg-S0016-02-50945-#B">https://opewebapp.epa.ie/permissions/Ds/DsDss.aspx?reg=reg-S0016-02-50945-#B</a>	>100	Consented	Tier 1	Yes	Yes	12/10/2022	30/09/2029-2040	x	x	x	Yes	Changes to licensable period	Yes, as there is now temporal overlap	No - impact pathway	No		

Other Development Details											Stage 1		Stage 2								
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Planning distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-2023)	Tier	Within ZOI?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of significant spatial/temporal overlap?	Other factors?		Scale and nature of development likely to have significant effect?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3-2023-Q3/2024)	Temporal overlap with operation (Q3-2028-Q3/2049)		Outline changes made to project since August 2023	Are the updates relevant to the impacts considered in this scope?		
67	Ireland	Dredging	FS007583	Wicklow County Council	Wicklow County Council - Wicklow Port Dredging	<a href="https://www.gov.ie/en/foreshore/notice/10141-5007583/wicklow-county-council-wicklow-port-dredging/">https://www.gov.ie/en/foreshore/notice/10141-5007583/wicklow-county-council-wicklow-port-dredging/</a>	>100 96	Consented Planning	Tier 1	Yes	Yes	26/04/2024 Unknown	26/04/2027 Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
68	Ireland	Dredging	FS007126	Cork County Council	Port of Cork - Maintenance Dredging	<a href="https://www.gov.ie/en/foreshore/notice/91767-5007126/port-of-cork-maintenance-dredging/">https://www.gov.ie/en/foreshore/notice/91767-5007126/port-of-cork-maintenance-dredging/</a>	> 200	Consented Planning	Tier 1	Yes	Yes	30/08/2023 AIA	30/08/2031 AIA	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
69	Ireland	Dredging	FS007164	Dublin Port Company	Dublin Port Company Capital dredging	<a href="https://www.gov.ie/en/foreshore/notice/7243-dublin-port-capital-dredging/">https://www.gov.ie/en/foreshore/notice/7243-dublin-port-capital-dredging/</a>	70	Consented Planning	Tier 1	Yes	Yes	13/12/2023 AIA	13/12/2031 AIA	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
70	Ireland	Oil and Gas	FS005704	Independent Pipeline Company	-	<a href="https://www.gov.ie/en/foreshore/notice/1762-independent-pipeline-company/">https://www.gov.ie/en/foreshore/notice/1762-independent-pipeline-company/</a>	70	Consented	Tier 1	Yes	Yes	2018	2117 Unknown	x	x	x	Yes	Licensable end date updated	No change to project. Considered already in 2023 CIA	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
71	Ireland	Gas Pipeline Projects	FS006189	Bord Gáis Éireann	-	<a href="https://www.gov.ie/tais/fogra-a-orthaithe/bord-gais-eireann-waxford/">https://www.gov.ie/tais/fogra-a-orthaithe/bord-gais-eireann-waxford/</a>	>300	Consented	Tier 1	Yes	Yes	2013	2112 Unknown	x	x	x	Yes	Licensable end date updated	No change to project. Considered already in 2023 CIA	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
72	Ireland	Port/Marine Infrastructure	FS007290	Dún Laoghaire Rathdown County Council	Fendering replacement at Carlisle Pier	<a href="https://www.gov.ie/en/foreshore/notice/2024-5007290-fendering-replacement-at-carlisle-pier/">https://www.gov.ie/en/foreshore/notice/2024-5007290-fendering-replacement-at-carlisle-pier/</a>	>69	Consented Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
73	Ireland	Port/Marine Infrastructure	FS007224	Imrood Eireann	Imrood Eireann - Rossaveel Offshore Berth 1 Extension	<a href="https://www.gov.ie/en/foreshore/notice/1847-5007224-imrood-eireann-rossaveel-offshore-berth-1-extension/">https://www.gov.ie/en/foreshore/notice/1847-5007224-imrood-eireann-rossaveel-offshore-berth-1-extension/</a>	>180	Consented Planning	Tier 1	Yes	Yes	03/12/2024 Unknown	03/12/2059 Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
74	Ireland	Port/Marine Infrastructure	FS007022	Irish Water	Irish Water - Waxford - Waxford Working Area at Ballybogton Pier	<a href="https://www.gov.ie/en/foreshore/notice/1704-5007022-irish-water-waxford-waxford-working-area-at-ballybogton-pier/">https://www.gov.ie/en/foreshore/notice/1704-5007022-irish-water-waxford-waxford-working-area-at-ballybogton-pier/</a>	>300	Consented Planning	Tier 1	Yes	Yes	10/02/2024 Unknown	10/02/2027 Unknown	x	x	x	No	Project now consented	No temporal overlap	No	No
75	Ireland	Port/Marine Infrastructure	FS007004	OPW	OPW Wicklow Town Revetment Repairs	<a href="https://www.gov.ie/en/foreshore/notice/5007004-opw-wicklow-town-revetment-repairs/">https://www.gov.ie/en/foreshore/notice/5007004-opw-wicklow-town-revetment-repairs/</a>	>100	Consented Planning	Tier 1	Yes	Yes	2024 Unknown	In perpetuity Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
76	Ireland	Port/Marine Infrastructure	MAC20230003	Greencore Port Doyle Shipping Group	Greencore Port Project - GPE O&M facility	<a href="https://www.marlinregulator.ie/app-content/uploads/2024/04/IMC20230003_Redacted.pdf">https://www.marlinregulator.ie/app-content/uploads/2024/04/IMC20230003_Redacted.pdf</a>	10	MAC received and Planning Consented MAC Sensitive Unknown	Tier 1	Yes	Yes	10/04/2024 Unknown	10/04/2069 Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been consented	No - not impact pathway	No
77	Ireland	ORE Projects	2022-MAC-002	Sure Partners Limited SSE Renewables	Arklow Bank Wind Park Phase 2	<a href="https://www.sse-renewables.com/offshore-wind-project/arklow-bank-wind-park/">https://www.sse-renewables.com/offshore-wind-project/arklow-bank-wind-park/</a>		Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	29/12/2067 Term of licence 45 years	x	x	x	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes
78	Ireland	ORE Projects	2022-MAC-006	Coding Wind Park Ltd.	Coding Wind Park	<a href="https://www.marlinregulator.ie/app-content/uploads/2022/06/2022-MAC-006-Coding-Wind-Park-LM-AMENDMENT-revised.pdf">https://www.marlinregulator.ie/app-content/uploads/2022/06/2022-MAC-006-Coding-Wind-Park-LM-AMENDMENT-revised.pdf</a>	83	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	29/12/2067 Term of licence 45 years	x	x	x	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes
79	Ireland	ORE Projects	2022-MAC-005	Stakrak	North Irish Sea Array (NISA)	<a href="https://www.marlinregulator.ie/app-content/uploads/2022/05/2022-MAC-005-NISA.pdf">https://www.marlinregulator.ie/app-content/uploads/2022/05/2022-MAC-005-NISA.pdf</a>	16	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	29/12/2067 Term of licence 45 years	x	x	x	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes
80	Ireland	ORE Projects	2022-MAC-003 and 004	Bray Offshore Wind Limited and Kish Offshore Wind Limited RWE	Dublin Array	<a href="https://publinarray.com/">https://publinarray.com/</a>	73	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	29/12/2067 Term of licence 45 years	x	x	x	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes
81	Ireland	ORE Site Investigations	FS007555	Sure Partners Ltd	Action Bank Wind Park off coast of County Wicklow	<a href="https://www.gov.ie/en/foreshore/notice/1098-5007555-action-bank-wind-park-off-coast-of-county-wicklow/">https://www.gov.ie/en/foreshore/notice/1098-5007555-action-bank-wind-park-off-coast-of-county-wicklow/</a>	107	Consented Planning	Tier 1	Yes	Yes	25/07/2024 Unknown	25/07/2029 Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - site investigations do not have an impact pathway. Array is assessed	No
82	N.Ireland	Oil and Gas	ML_28_12	Islandmagee Storage Limited	Islandmagee Gas Storage Project	<a href="https://www.doeni.gov.uk/publications/marine-licence-ml-2812-islandmagee-gas-storage-project/">https://www.doeni.gov.uk/publications/marine-licence-ml-2812-islandmagee-gas-storage-project/</a>	> 100	Consented Planning	Tier 1	Yes	Yes	05/11/2021 AIA	In perpetuity AIA	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
83	Ireland	Cables	FS007635	MarsConnect Ltd	MarsConnect Electricity Interconnector Site Investigation	<a href="https://www.gov.ie/en/foreshore/notice/77497-5007635-marsconnect-electricity-interconnector-site-investigation/">https://www.gov.ie/en/foreshore/notice/77497-5007635-marsconnect-electricity-interconnector-site-investigation/</a>	35	Consented Planning	Tier 1	Yes	Yes	04/07/2024 AIA	04/07/2029 AIA	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
84	Ireland	Cables	FS007361	Amazon MCS Ireland Ltd.	Beafor Subsea Fibre Optic Cable System	<a href="https://www.gov.ie/en/foreshore/notice/77943-5007361-beafor-subsea-fibre-optic-cable-system/">https://www.gov.ie/en/foreshore/notice/77943-5007361-beafor-subsea-fibre-optic-cable-system/</a>	> 190	Consented Planning	Tier 1	Yes	Yes	19/12/2023 Unknown	19/12/2026 Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
85	Ireland	Cables	FS007130	ESB	ESB Networks Aichi Island Submarine Cables	<a href="https://www.gov.ie/en/foreshore/notice/1096-5007130-esb-networks-aichi-island-submarine-cable-installation/">https://www.gov.ie/en/foreshore/notice/1096-5007130-esb-networks-aichi-island-submarine-cable-installation/</a>	> 250	Consented Planning	Tier 1	Yes	Yes	10/04/2024 Unknown	10/04/2059 Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - Project is now consented. Project screened out in 2023 due to no potential for impacts from project to impact offshore ornithology receptors.	No
86	Ireland	Site Investigations	FS007180	Tech Works Marine Ltd	Tech Works Marine Ltd Data Buoy Deployment	<a href="https://www.gov.ie/en/foreshore/notice/1097-5007180-tech-works-marine-ltd-data-buoy-deployment/">https://www.gov.ie/en/foreshore/notice/1097-5007180-tech-works-marine-ltd-data-buoy-deployment/</a>	65	Consented Planning	Tier 1	Yes	Yes	11/04/2024 Unknown	11/04/2029 Unknown	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - site investigations do not have an impact pathway. Array is assessed	No
87	Ireland	Site Investigations	FS006909	Fingal County Council	Broadmeadow Way Greenway	<a href="https://www.gov.ie/en/foreshore/notice/1098-5006909-broadmeadow-way-greenway/">https://www.gov.ie/en/foreshore/notice/1098-5006909-broadmeadow-way-greenway/</a>	55	Consented Planning	Tier 1	Yes	Yes	02/05/2024 AIA	02/05/2029 AIA	x	x	x	Yes	Project now consented	Yes, as project has now been licensed	No - site investigations do not have an impact pathway. Array is assessed	No

The following Projects were included in EIAR CIA and have been withdrawn since the application was submitted in 2024

Other Development Details										Stage 1		Stage 2									
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-2023)	Tier	Within Zon?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of significant spatial/temporal overlap?	Other factors?		Scale and nature of development likely to have significant effect?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3-2023-2023-2024)	Temporal overlap with operation (2028-2029-2030-2031)	Outline changes made to project since August 2023	Are the updates relevant to the impacts considered in this scope?	Do the updates lead to increased impacts to those assessed in the Oriel EIAR?		
N/A	Ireland	Site Investigations	FS008483	Bray Offshore Wind Ltd	Dublin Array	<a href="https://www.gov.ie/en/forestry/notice/60081-bray-offshore-wind/">https://www.gov.ie/en/forestry/notice/60081-bray-offshore-wind/</a>	73	Withdrawn Planning	Tier 1	Yes	Yes	Unknown	Unknown	*	*	*	No	Project withdrawn	No	N/A	No
N/A	Ireland	Site Investigations	FS006460	Coding Wind Park Ltd.	-	<a href="https://www.gov.ie/en/forestry/notice/5006460-coding-wind-park-11/">https://www.gov.ie/en/forestry/notice/5006460-coding-wind-park-11/</a>	83	Withdrawn Planning	Tier 1	Yes	Yes	Unknown	Unknown	*	*	*	No	Project withdrawn	No	N/A	No

Other Development Details											Stage 1		Stage 2										
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Airport, distance from Oriel Application Boundary (km)	Status of Project (as of August 2023)	Tier	Within Zof?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project				Other factors?			Scale and nature of development likely to have significant effect?	Progress to Stage 3/4	
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3 2023 – Q3/2024) 2023 – Q3/2024	Temporal overlap with operation (2025 – 2050) 2025 – 2050	Outline changes made to project since August 2023	Are the updates relevant to the impacts considered in this topic?	Do the updates lead to potential for increased impacts to those assessed in the Oriel EIA/R?				
53	UK	ORE Projects - Tidal	-	Minesto UK Limited	Strandford Lough	EMOOnet	58	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	x	✓	✓	Project description clarified added	No change to project. Considered already in 2023 CIA	No	No			
58	UK	ORE Projects - Test Site	-	Queens University Belfast	QUB Total Demonstration Test Site	EMOOnet	58	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	x	✓	✓	Project description clarified added	No change to project. Considered already in 2023 CIA	No	No			
59	UK	ORE Projects - Test Site	-	Queens University Belfast	QUB Wave Test Site	EMOOnet	59	Operational	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Project description clarified added	No change to project. Considered already in 2023 CIA	No	No			
67	Ireland	Dredging	FS007583	Wicklow County Council	Wicklow County Council Wicklow Port Dredging	<a href="https://www.gov.ie/en/foreshore/notice/da1a1e5b07583/wicklow-county-council-wicklow-port-dredging/">https://www.gov.ie/en/foreshore/notice/da1a1e5b07583/wicklow-county-council-wicklow-port-dredging/</a>	~100-96	Consented Planning	Tier 1	Yes	Yes	26/04/2024 Unknown	26/04/2027 Unknown	x	✗	✗	Project now consented	Yes, as project has now been licensed	No. Project is now consented. Now no temporal overlap.	No			
69	Ireland	Dredging	FS007164	Dublin Port Company	Dublin Port Company Capital Dredging	<a href="https://www.gov.ie/en/foreshore/notice/7514-dublin-port-capital-dredging/">https://www.gov.ie/en/foreshore/notice/7514-dublin-port-capital-dredging/</a>	70	Consented Planning	Tier 1	Yes	Yes	13/12/2023 N/A	13/12/2031 N/A	x	✓	✓	Project now consented	Yes, as project has now been licensed	No. Project is now consented. Project screened out in 2023 due to no conceptual impact pathway.	No			
70	Ireland	Oil and Gas	FS005704	Independent Pipeline Company	-	<a href="https://www.gov.ie/en/foreshore/notice/1762-independent-pipeline-company-ltd/">https://www.gov.ie/en/foreshore/notice/1762-independent-pipeline-company-ltd/</a>	70	Consented	Tier 1	Yes	Yes	2018	2117 Unknown	x	✓	✓	Licensable end date updated	No change to project. Considered already in 2023 CIA	N/A	No			
72	Ireland	Port/Marine Infrastructure	FS007290	Dún Laoghaire Rathdown County Council	Funding replacement at Carlisle Pier	<a href="https://www.gov.ie/en/foreshore/notice/2a12b4907290-funding-replacement-at-carlisle-pier/">https://www.gov.ie/en/foreshore/notice/2a12b4907290-funding-replacement-at-carlisle-pier/</a>	>69	Consented Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Project now consented	Yes, as project has now been licensed	No. Project is now consented. Project screened out in 2023 due to no conceptual impact pathway.	No			
76	Ireland	Port/Marine Infrastructure	MAC20230003	Greencore Port Doyle Shipping Group	Greencore Port Project - ORE O&M facility	<a href="https://www.marinemanager.ie/wp-content/uploads/2024/04/MAC20230003_Redacted_MAC_O&amp;M.pdf">https://www.marinemanager.ie/wp-content/uploads/2024/04/MAC20230003_Redacted_MAC_O&amp;M.pdf</a>	10	MAC received and Planning Consented MAC (Generalises)	Tier 1	Yes	Yes	10/04/2024 Unknown	10/04/2029 Unknown	x	✓	✓	Project now consented	Yes, as project has now been consented	Yes	Yes			
78	Ireland	ORE Projects	2022-MAC-006	Coding Wind Park Ltd.	Coding Wind Park	<a href="https://codingwindpark.ie/">https://codingwindpark.ie/</a> <a href="https://www.marinemanager.ie/wp-content/uploads/2024/09/2022_MAC_006_Coding_Wind_Park_Ltd_AMENDED_reduced.pdf">https://www.marinemanager.ie/wp-content/uploads/2024/09/2022_MAC_006_Coding_Wind_Park_Ltd_AMENDED_reduced.pdf</a>	83	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	x	✓	✓	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes			
79	Ireland	ORE Projects	2022-MAC-005	Stakraft	North Irish Sea Array (NISA)	<a href="https://www.marinemanager.ie/">https://www.marinemanager.ie/</a> <a href="https://www.marinemanager.ie/wp-content/uploads/2024/05/2022_MAC_005_NISA.pdf">https://www.marinemanager.ie/wp-content/uploads/2024/05/2022_MAC_005_NISA.pdf</a> <a href="https://www.marinemanager.ie/our-work/maritime-area-consents/applications-determined/">https://www.marinemanager.ie/our-work/maritime-area-consents/applications-determined/</a>	16	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	x	✓	✓	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes			
80	Ireland	ORE Projects	2022-MAC-003 and 004	Bray Offshore Wind Limited and Kish Offshore Wind Limited RWE	Dublin Array	<a href="https://www.marinemanager.ie/">https://www.marinemanager.ie/</a> <a href="https://www.marinemanager.ie/wp-content/uploads/2024/05/2022_MAC_003_and_004_Dublin_Array_AMENED.pdf">https://www.marinemanager.ie/wp-content/uploads/2024/05/2022_MAC_003_and_004_Dublin_Array_AMENED.pdf</a>	73	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	x	✓	✓	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes			
83	Ireland	Cables	FS007635	MarsConnect Ltd	MarsConnect Electricity Interconnector Site Investigation	<a href="https://www.gov.ie/en/foreshore/notice/770e7a007635-marsconnect-electricity-interconnector-site-investigation/">https://www.gov.ie/en/foreshore/notice/770e7a007635-marsconnect-electricity-interconnector-site-investigation/</a>	35	Consented Planning	Tier 1	Yes	Yes	04/07/2024 N/A	04/07/2029 N/A	x	✓	✓	Project now consented	Yes, as project has now been licensed	No. Project is now consented. Project screened out in 2023 due to no conceptual impact pathway.	No			
86	Ireland	Site Investigations	FS007180	Tech Works Marine Ltd	Tech Works Marine Ltd Data Buoy Deployment	<a href="https://www.gov.ie/en/foreshore/notice/ab4dbf007180-tech-works-marine-ltd-data-buoy-deployment/">https://www.gov.ie/en/foreshore/notice/ab4dbf007180-tech-works-marine-ltd-data-buoy-deployment/</a>	65	Consented Planning	Tier 1	Yes	Yes	11/04/2024 Unknown	11/04/2029 Unknown	x	✓	✗	Project now consented	Yes, as project has now been licensed	No. No change to the scope in the consented project	No			
87	Ireland	Site Investigations	FS006909	Fingal County Council	Broadmedow Way Greenway	<a href="https://www.gov.ie/en/foreshore/notice/d0227_f006909-broadmedow-way-greenway/">https://www.gov.ie/en/foreshore/notice/d0227_f006909-broadmedow-way-greenway/</a>	55	Consented Planning	Tier 1	Yes	Yes	02/05/2021 N/A	02/05/2020 N/A	x	✓	✗	Project now consented	Yes, as project has now been licensed	No. Project is now consented. Project screened out in 2023 due to no conceptual impact pathway.	No			

Other Development Details										Stage 1		Stage 2									
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer <sup>a</sup>	Nearest distance from Oriel Application Boundary (nm)	Status of Project (as of 04/02/2023 - 2023)	Tier	Within Zolt?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of significant spatial/temporal overlap?	Other factors?		Scale and nature of development likely to have significant effect?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3-2023-2024)	Temporal overlap with operation (Q3-2025-2026)		Outline changes made to project since August 2023	Are the updates relevant to the impacts considered in this topic?	Do the updates lead to increased impacts to those assessed in the Oriel EIAR?	
76	Ireland	Port/Marine Infrastructure	MAC20230003	Greencore Port Doyle Shipping Group	Greencore Port Project - ORE O&M facility	<a href="https://www.maritimeregulator.ie/wp-content/uploads/2024/01/MAC20230003_Reacted.pdf">https://www.maritimeregulator.ie/wp-content/uploads/2024/01/MAC20230003_Reacted.pdf</a>	10	MAC received and Planning Consent MAC Consent (Application)	Tier 1	Yes	Yes	10/04/2024 Unknown	10/04/2069 Unknown	x	✓	✓	Yes	Project now consented	Yes, as project has now been consented	Yes	Yes
79	Ireland	ORE Projects	2022-MAC-005	Stakraft	North Irish Sea Array (NISA)	<a href="https://www.maritimeregulator.ie/wp-content/uploads/2024/01/2022-MAC-005_NISA.pdf">https://www.maritimeregulator.ie/wp-content/uploads/2024/01/2022-MAC-005_NISA.pdf</a>	16	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	x	✓	✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes	Yes
83	Ireland	Cables	FS007635	MarsConnect Ltd	MarsConnect Electricity Interconnector Site Investigation	<a href="https://www.gov.ie/en/offshore-notice/779a7-5007635-marsconnect-electricity-interconnector-site-investigation/">https://www.gov.ie/en/offshore-notice/779a7-5007635-marsconnect-electricity-interconnector-site-investigation/</a>	35	Consented Planning	Tier 1	Yes	Yes	04/07/2024 N/A	04/07/2029 N/A	x	✓	✗	Yes	Project now consented	Yes, as project has now been licensed	No - Installation of a subsea cable with no surface piercing assets is unlikely to have a material impact on navigational safety or shipping routes given the distance from Oriel.	No
N/A	N.Ireland	Port/Marine Infrastructure	ML2023023	Louth County Council	Carrigford Lough Greenway (between NIRC border and Victoria Lock)	<a href="https://www.daa.ie/gov.uk/consultations/2023-greenway-section-ii-m2023023">https://www.daa.ie/gov.uk/consultations/2023-greenway-section-ii-m2023023</a>	>20	Consented Planning	Tier 1	Yes	Yes	22/12/2023 Unknown	01/03/2025 Unknown	x	✗	✗	No	Project now consented	No - no temporal overlap	N/A	No
The following Projects have been withdrawn since the application was submitted in 2024																					
N/A	Ireland	ORE Site Investigations	FS007373	Mainstream Renewable Power Ltd	Mainstream Renewable Power Ltd Site Investigations Co. Dublin	<a href="https://www.gov.ie/en/offshore-notice/10137-5007373-mainstream-renewable-power-ltd-site-investigations-co-dublin/">https://www.gov.ie/en/offshore-notice/10137-5007373-mainstream-renewable-power-ltd-site-investigations-co-dublin/</a>	4	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	x	✗	✗	No	Project withdrawn	No - no temporal overlap	N/A	No
N/A	Ireland	ORE Site Investigations	FS007392	Lir Offshore Array Ltd.	Lir Offshore Array Ltd. Site Investigations for the proposed Lir Offshore Array	<a href="https://www.gov.ie/en/offshore-notice/987ab-fa007392-lir-offshore-array-ltd-site-investigations-for-the-proposed-lir-offshore-array-health-and-safety/">https://www.gov.ie/en/offshore-notice/987ab-fa007392-lir-offshore-array-ltd-site-investigations-for-the-proposed-lir-offshore-array-health-and-safety/</a>	8	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✗	✗	No	No offshore wind farms will proceed except in a National Designated Marine Conservation area and so this project can be considered withdrawn.	No - no temporal overlap	N/A	No
N/A	Ireland	Sampling	FS007197	Dr Grace Cott and Shannon Burke	UGG and Vegetation Sampling - Dundalk Marshes	<a href="https://www.gov.ie/en/offshore-notice/1a8ff-1cd-ugg-and-vegetation-sampling-dundalk-marshes/">https://www.gov.ie/en/offshore-notice/1a8ff-1cd-ugg-and-vegetation-sampling-dundalk-marshes/</a>	20	Withdrawn Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✗	✗	No	Project withdrawn	No - no temporal overlap	N/A	No

Other Development Details										Stage 1		Stage 2									
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (m)	Status of Project (as of 08/03/2023-2023)	Tier	Within ZOT?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required to assess potential for spatial/temporal overlap?	Other factors?	Other factors?		Progress to Stage 3/4
												Start date	License Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3-2023–2024)	Temporal overlap with operation (2028–2048)			Are the updates relevant to the impacts considered in this assessment?	Do the updates lead to potential for increased impacts to those assessed in the Oriel EIAR?	
76	Ireland	Port/Marine Infrastructure	MAC2023003	Greencore Port: Doyle Shipping Group	Greencore Port Project - ORE C&M facility	<a href="https://www.marlinemanager.ie/app-content/uploads/2024/04/MAC-2023003-Received.pdf">https://www.marlinemanager.ie/app-content/uploads/2024/04/MAC-2023003-Received.pdf</a>	10	MAC received and consented MAC consented (Applications)	Tier 1	Yes	Yes	10/04/2024 Unknown	10/04/2069 Unknown	x	✓	✓	Yes	Project now consented	Yes, as project has now been consented	Yes - could increase the potential of displacement of recreational activities by increased vessel presence / construction activity	Yes
79	Ireland	ORE Projects	2022-MAC-005	Stakraft	North Irish Sea Array (NISA)	<a href="https://northirishsearray.ie/">https://northirishsearray.ie/</a> <a href="https://www.marlinemanager.ie/app-content/uploads/2024/05/2022_MAC_005_NISA.pdf">https://www.marlinemanager.ie/app-content/uploads/2024/05/2022_MAC_005_NISA.pdf</a> <a href="https://www.marlinemanager.ie/our-work/maritime-area-consents/applications-determined/">https://www.marlinemanager.ie/our-work/maritime-area-consents/applications-determined/</a>	16	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	29/12/2067 Term of licence: 45 years	x	✓	✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application	Yes - increase potential of displacement of recreational activity due to site investigation works / vessel presence	Yes
The following Projects have been withdrawn since the application was submitted in 2024																					
N/A	Ireland	ORE Site Investigations	FS007373	Mainstream Renewable power Ltd	Mainstream Renewable Power Ltd - Site Investigations off Co. Dublin	<a href="https://www.gov.uk/government/news/0717_mainstream-renewable-power-ltd-site-investigations-off-co-dublin">https://www.gov.uk/government/news/0717_mainstream-renewable-power-ltd-site-investigations-off-co-dublin</a>	4	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	x	✓	✓	No	Project withdrawn	No - no temporal overlap	N/A	No
N/A	Ireland	ORE Site Investigations	FS007392	Lir Offshore Array Ltd	Lir Offshore Array Ltd - Site Investigations for the proposed Lir Offshore Array	<a href="https://www.gov.uk/government/notice/987748/07/03/2023-lir-offshore-array-ltd-site-investigations-for-the-proposed-lir-offshore-array-off-counties-south-east-and-south">https://www.gov.uk/government/notice/987748/07/03/2023-lir-offshore-array-ltd-site-investigations-for-the-proposed-lir-offshore-array-off-counties-south-east-and-south</a>	8	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	No	No offshore wind farms will proceed except in a National Designated Marine Area Plan area and so no temporal overlap can be considered withdrawn.	No - no temporal overlap	N/A	No

Other Development Details											Stage 1		Stage 2										
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Area of disturbance within Oriel Application Boundary (km)	Status of Project (as of 01/01/2021)	Tier	Within 20?	Progress to Stage 2?	Licensable Period		Spatiotemporal overlap with Project			Further Consideration required for potential for spatiotemporal overlap?	Other factors?		Scale and nature of development likely to have significant effect?	Progress to Stage 3/4		
												Start date	License Expiration Date	Overlap with Oriel Application Boundary	Temporal overlap with operation (03/2022 – 30/2023)	Temporal overlap with operation (01/2024 – 01/2025)		Outline changes made to project since August 2023	Are the updates relevant to impacts considered in this topic?	Do the updates lead to increased impacts to those assessed in the Oriel EIAR?			
53	UK	ORE Projects - Tidal	-	Minesto UK Limited	Strangford Lough	EMODnet	58	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	x	✓	✓	Yes	Project description classification added	No change to project. Considered already in 2023 CIA.	N/A	No		
58	UK	ORE Projects - Test Site	-	Queens University Belfast	QUB Tidal Demonstrator Test Site	EMODnet	58	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	x	✓	✓	Yes	Project description classification added	No change to project. Considered already in 2023 CIA.	N/A	No		
59	UK	ORE Projects - Test Site	-	Queens University Belfast	QUB Wave Test Site	EMODnet	59	Operational	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Project description classification added	No change to project. Considered already in 2023 CIA.	N/A	No		
76	Ireland	Port/Maritime Infrastructure	MAC20230003	Greencore Port Doyle Shipping Group	Greencore Port Project: ORE OEM facility	<a href="https://www.maritimeenergyulator.ie/wp-content/uploads/2024/01/MAC_005_NetsA_Redacted.pdf">https://www.maritimeenergyulator.ie/wp-content/uploads/2024/01/MAC_005_NetsA_Redacted.pdf</a>	10	MAC received and Planning Consent MAC - Consented (Applications)	Tier 1	Yes	Yes	10/04/2024	10/04/2039	x	✓	✓	Yes	Project now consented	Yes, as project has now been consented Also noted that the consent does not identify which offshore windfarm the ships are to be moving to	No - Additional shipping movements not considered to give rise to an increased impact to shipping in this busy shipping area.	No		
79	Ireland	ORE Projects	2022-MAC-005	Statkraft	North Irish Sea Array (NSA)	<a href="https://www.maritimeenergyulator.ie/">https://www.maritimeenergyulator.ie/</a> <a href="https://www.maritimeenergyulator.ie/uploads/content/uploads/2024/01/2022_MAC_005_NetsA.pdf">https://www.maritimeenergyulator.ie/uploads/content/uploads/2024/01/2022_MAC_005_NetsA.pdf</a> <a href="https://www.maritimeenergyulator.ie/our-work/maritime-area-consent/applications-determined/">https://www.maritimeenergyulator.ie/our-work/maritime-area-consent/applications-determined/</a>	16	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2037 Term of licence: 45 years	x	✓	✓	Yes	MAC consented and Planning application	Yes, as there is significant further information available for the application	No - impacts arising are not considered to give rise to an increased impact when considered against those assessed in the Oriel EIAR	Yes		
83	Ireland	Cables	FS007635	MarisConnect Ltd	MarisConnect Electricity Interconnector Site Investigation	<a href="https://www.gov.uk/government/notice/779a7-b927f27c-new-connect-electricity-interconnector-site-investigation">https://www.gov.uk/government/notice/779a7-b927f27c-new-connect-electricity-interconnector-site-investigation</a>	35	Consented Planning	Tier 1	Yes	Yes	04/07/2024	N/A	04/07/2029	N/A	x	✓	✓	Yes	Project now consented	Yes, as project has now been licensed Updated CIA reporting to assess potential localised temporary impacts with regards to this project	Yes - potential for localised temporary cumulative impacts on views and scenic conditions of the study area	Yes
87	Ireland	Site Investigations	FS006909	Fingal County Council	Broadmeadow Way, Greenvale	<a href="https://www.gov.uk/government/notice/62224-940850-broadmeadow-greenway/">https://www.gov.uk/government/notice/62224-940850-broadmeadow-greenway/</a>	55	Consented Planning	Tier 1	Yes	Yes	02/05/2024	N/A	02/05/2030	N/A	x	✓	✓	Yes	Project now consented	Yes, as project has now been licensed	No -	No
n/a	Ireland	ORE Site Investigations	FS007373	Mainstream Renewable Power Ltd	Mainstream Renewable Power Ltd - Site Investigations off Co. Dublin	<a href="https://www.gov.uk/government/notice/60377_mainstream-renewable-power-ltd-site-investigations-off-co-dublin">https://www.gov.uk/government/notice/60377_mainstream-renewable-power-ltd-site-investigations-off-co-dublin</a>	4	Withdrawn Planning	Tier 1	Yes	Yes	N/A	N/A	x	✗	✗	No	Project withdrawn	Yes - since the project is withdrawn, it will not be considered to be included in the SLVIA cumulative assessment.	N/A	No		
N/A	Ireland	ORE Site Investigations	FS007392	Ir Offshore Array Ltd	Ir Offshore Array Ltd - Site Investigations for the proposed Ir Offshore Array	<a href="https://www.gov.uk/government/notice/60378_ir-offshore-array-ltd-site-investigations-for-the-proposed-ir-offshore-array-off-counties-downs-and-south">https://www.gov.uk/government/notice/60378_ir-offshore-array-ltd-site-investigations-for-the-proposed-ir-offshore-array-off-counties-downs-and-south</a>	8	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✗	✗	No	No offshore wind farms will be constructed in the National Designated Maritime Area Plan area and this project can be considered withdrawn	Yes - since the project is withdrawn, it will not be considered to be included in the SLVIA cumulative assessment.	N/A	No		

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Average distance from Orie Wind Farm (km)	Status of Project (as of 2023)	Tier	Within Zell?	Progress to Stage 2?	Stage 1			Stage 2					Scale and nature of development likely to have significant effect?	Progress to Stage 3/4		
												Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because potential for significant spatial overlap?	Other factors?					
												Start date	License Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (2023-2028)	Temporal overlap with operation (2028-2050)		Outline changes made to project since August 2023	Are the updates relevant to the impacts considered in this topic?				
1	England	Dredging	MLA/2014/00101	FAIRWAY CLEARANCE AND HARBOUR SERVICES LIMITED	Fleetwood RNLI Lifeboat pen, River Wyre dredge	EMODnet	199	Licence refused	Tier 1	Yes	Yes	01/01/1990, 30/04/2014	01/04/2000, 30/04/2024	*	*	*	No	Licence date corrected	No, Licence refused	N/A	No		
414	UK	ORE Projects - Windfarm	-	Aewy'r Mor Offshore Wind Farm Limited	Aewy'r Mor Offshore Wind Farm	<a href="https://aewymor.cymru">https://aewymor.cymru</a>	142	Consented Planning	Tier 1	Yes	Yes	01/01/2023	01/01/2055	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
21	UK	ORE Projects - Windfarm	-	Barrow Offshore Wind Limited	Barrow	EMODnet	177	Active Operational	Tier 1	Yes	Yes	01/05/2014	01/05/2026	*	*	*	No	Updated status information	No change to project. Considered already in 2023 CIA.	N/A	No		
22	UK	ORE Projects - Windfarm	-	Orsted Burbo (UK) Limited	Burbo Bank	EMODnet	191	Operational	Tier 1	Yes	Yes	11/07/2014	11/07/2039	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
23	UK	ORE Projects - Windfarm	-	Orsted Burbo Extension (UK) Limited	Burbo Bank Extension	EMODnet	181	Operational	Tier 1	Yes	Yes	10/29/2020	10/29/2045	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
25	UK	ORE Projects - Windfarm	-	Gwyn y Mor Offshore Wind Farm Limited	Gwyn y Mor	EMODnet	163	Operational	Tier 1	Yes	Yes	12/03/2008	12/03/2033	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
26	UK	ORE Projects - Windfarm	-	North Hoyle Wind Farm Limited	North Hoyle	EMODnet	177	Operational	Tier 1	Yes	Yes	01/01/2003	01/01/2028	*	*	*	No	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
27	UK	ORE Projects - Windfarm	-	Ormonde Energy Limited	Ormonde	EMODnet	169	Operational	Tier 1	Yes	Yes	26/04/2007	31/12/2022	*	*	*	No	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
28	UK	ORE Projects - Windfarm	-	Consortium of EnBW and BP	R4 Project 4 (Mona)	EMODnet	127	Consented Planning	Tier 1	Yes	Yes	2026	2055	*	*	*	Yes	Project now consented	Yes, there is significant further information available	No. There are no updates relevant to offshore bats. Assessment was not completed.	No		
29	UK	ORE Projects - Windfarm	-	Offshore Wind Limited, a Joint Venture between Cobra Instalaciones y Servicios, S.A. and Potash E	R4 Project 5 (Morecambe)	EMODnet	151	Consented Planning	Tier 1	Yes	Yes	2026	2055	*	*	*	Yes	Project now consented	Yes, there is significant further information available	No. There are no updates relevant to offshore bats. Assessment was not completed.	No		
30	UK	ORE Projects - Windfarm	-	Consortium of EnBW and BP	R4 Project 6 (Morgan)	EMODnet	119	Consented Planning	Tier 1	Yes	Yes	Unknown	Unknown	*	*	*	Yes	Project now consented	Yes, there is significant further information available	No. There are no updates relevant to offshore bats. Assessment was not completed.	No		
31	UK	ORE Projects - Windfarm	-	Rhyl Flats Wind Farm Limited	Rhyl Flats	EMODnet	166	Active Operational	Tier 1	Yes	Yes	04/06/2015	03/06/2034	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
32	UK	ORE Projects - Windfarm	-	Walney (UK) Offshore Windfarm Limited	Walney 1	EMODnet	162	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
33	UK	ORE Projects - Windfarm	-	Walney (UK) Offshore Windfarm Limited	Walney 2	EMODnet	156	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
34	UK	ORE Projects - Windfarm	-	Walney Extension Limited	Walney Extension 3	EMODnet	140	Operational	Tier 1	Yes	Yes	11/28/2014	11/28/2039	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
35	UK	ORE Projects - Windfarm	-	Walney Extension Limited	Walney Extension 4	EMODnet	146	Operational	Tier 1	Yes	Yes	11/28/2014	11/28/2039	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
37	UK	ORE Projects - Windfarm	-	ScottishPower Renewables (VoSIS) Limited and Orsted West of Duddon Sands (UK) Limited	West of Duddon Sands	EMODnet	162	Operational	Tier 1	Yes	Yes	9/23/2008	9/23/2033	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
38	UK	ORE Projects - Windfarm Cables	-	TC Barrow OFTO Limited	Barrow OFTO	EMODnet	181	Operational	Tier 1	Yes	Yes	8/14/2015	04/01/2030	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
39	UK	ORE Projects - Windfarm Cables	-	Diamond Transmission Partners BBE Limited	Barbo Bank Extension OFTO	EMODnet	179	Operational	Tier 1	Yes	Yes	10/29/2020	10/29/2045	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
40	UK	ORE Projects - Windfarm Cables	-	Gwyn y Mor OFTO plc	Gwyn y Mor OFTO	EMODnet	169	Active Operational	Tier 1	Yes	Yes	09/02/2015	08/02/2035	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
41	UK	ORE Projects - Windfarm Cables	-	TC Ormonde OFTO Limited	Ormonde OFTO	EMODnet	172	Operational	Tier 1	Yes	Yes	01/01/2011	01/01/2036	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
42	UK	ORE Projects - Windfarm Cables	-	TC Robin Rigg OFTO Limited	Robin Rigg OFTO	EMODnet	177	Active Operational	Tier 1	Yes	Yes	6/18/2015	4/19/2035	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
43	UK	ORE Projects - Windfarm Cables	-	Blue Transmission Walney 1 OFTO Limited	Walney 1 OFTO	EMODnet	167	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
44	UK	ORE Projects - Windfarm Cables	-	Blue Transmission Walney 2 OFTO Limited	Walney 2 OFTO	EMODnet	163	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
45	UK	ORE Projects - Windfarm Cables	-	Diamond Transmission Partners Walney Extension Limited	Walney Extension OFTO	EMODnet	145	Operational	Tier 1	Yes	Yes	11/01/2007	11/01/2032	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
47	UK	ORE Projects - Windfarm Cables	-	Woods Transmission Plc	West of Duddon Sands OFTO	EMODnet	172	Operational	Tier 1	Yes	Yes	3/15/2018	3/15/2028	*	*	*	No	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
50	UK	ORE Projects - Tidal	-	Nova Innovation Ltd	Bardsey Sound	EMODnet	148	Planning Cancelled	Tier 1	Yes	Yes	Unknown	Unknown	*	*	*	No	Project description clarification added	No project cancelled	N/A	No		
51	UK	ORE Projects - Tidal	-	Minesto UK Limited	Holymead Deep	EMODnet	103	Operational	Tier 1	Yes	Yes	04/12/2017	04/12/2025	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
52	UK	ORE Projects - Tidal	-	Minesto UK Limited	Holymead Deep 0.5MW Site	EMODnet	105	Operational	Tier 1	Yes	Yes	04/12/2017	04/12/2025	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
53	UK	ORE Projects - Tidal	-	Minesto Limited	Strangford Loup	EMODnet	58	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
54	UK	ORE Projects - Tidal	-	Menter Môn Morlais Limited	West Anglesey Demonstration Zone	EMODnet	106	Consented	Tier 1	Yes	Yes	Unknown	Unknown	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
58	UK	ORE Projects - Test Site	-	Queens University Belfast	Queens University Belfast Demonstration Test Site	EMODnet	58	Operational	Tier 1	Yes	Yes	08/11/2022	08/11/2037	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
59	UK	ORE Projects - Test Site	-	Queens University Belfast	QUB Wave Test Site	EMODnet	59	Operational	Tier 1	Yes	Yes	Unknown	Unknown	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
61	UK	ORE Projects - Windfarm	-	RWE Renewables UK	Robin Rigg East	EMODnet	175	Operational	Tier 1	Yes	Yes	09/10/2019	6/20/2023	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
62	UK	ORE Projects - Windfarm	-	RWE Renewables UK	Robin Rigg West	EMODnet	173	Operational	Tier 1	Yes	Yes	09/10/2019	6/20/2023	*	*	*	Yes	Project description clarification added	No change to project. Considered already in 2023 CIA.	N/A	No		
66	Ireland	Dredging	<a href="https://00016-02-00044-44">https://00016-02-00044-44</a>	Iarmod Eirian Westford	Iarmod Eirian Westford	<a href="https://epawebapp.eea.ie/ehmfaforall/Das/DasView.aspx?op=1&amp;grid=1&amp;gridTitle=Iarmod%20Eirian%20Westford">https://epawebapp.eea.ie/ehmfaforall/Das/DasView.aspx?op=1&amp;grid=1&amp;gridTitle=Iarmod%20Eirian%20Westford</a>	>100	Consented	Tier 1	Yes	Yes	12/10/2023	12/09/2027	*	*	*	No	Changes to Licensable period	Yes, as there is now less than 100m	No. Not relevant to bats in the marine environment.	No		
67	Ireland	Dredging	F5007583	Wicklow County Council - Wicklow Port	Wicklow Port	<a href="https://www2.wicklow.ie/2022/07/07/7783-iarmod-eirian-eodcne-ecoport-bath-3-extension">https://www2.wicklow.ie/2022/07/07/7783-iarmod-eirian-eodcne-ecoport-bath-3-extension</a>	96	Consented Planning	Tier 1	Yes	Yes	26/04/2024	26/04/2027	*	*	*	No	Project now consented	Yes, as project has now been licensed	No. Not relevant to bats in the marine environment.	No		
69	Ireland	Dredging	F5007164	Dublin Port Company Capital Dredging	Capital Dredging	<a href="https://www2.dpc.ie/2022/07/07/7734-dublin-port-capital-dredging">https://www2.dpc.ie/2022/07/07/7734-dublin-port-capital-dredging</a>	70	Consented Planning	Tier 1	Yes	Yes	13/12/2023	N/A	*	*	*	Yes	Project now consented	Yes, as project has now been licensed	No. Not relevant to bats in the marine environment.	No		
72	Ireland	Port/Marine Infrastructure	F5007290	Dun Laoghaire Rathdown County Council	Dun Laoghaire Rathdown	<a href="https://www2.dlr.ie/2022/07/07/7724-iarmod-eirian-eodcne-ecoport-bath-3-extension">https://www2.dlr.ie/2022/07/07/7724-iarmod-eirian-eodcne-ecoport-bath-3-extension</a>	>180	Consented Planning	Tier 1	Yes	Yes	03/12/2024	03/12/2059	*	*	*	Yes	Project now consented	Yes, as project has now been licensed	No. Not relevant to bats in the marine environment.	No		
73	Ireland	Port/Marine Infrastructure	F5007224	Iarmod Eirian	Iarmod Eirian	<a href="https://www2.iarmod.ie/2022/07/07/7724-iarmod-eirian-eodcne-ecoport-bath-3-extension">https://www2.iarmod.ie/2022/07/07/7724-iarmod-eirian-eodcne-ecoport-bath-3-extension</a>	>180	Consented Planning	Tier 1	Yes	Yes	03/12/2024	03/12/2059	*	*	*	Yes	Project now consented	Yes, as project has now been licensed	No. Not relevant to bats in the marine environment.	No		
75	Ireland	Port/Marine Infrastructure	F5007204	OPW	OPW	<a href="https://www2.opw.ie/2022/07/07/7724-iarmod-eirian-eodcne-ecoport-bath-3-extension">https://www2.opw.ie/2022/07/07/7724-iarmod-eirian-eodcne-ecoport-bath-3-extension</a>	>100	Consented Planning	Tier 1	Yes	Yes	2024	Unknown	*	*	*	Yes	Project now consented	Yes, as project has now been licensed	No. Not relevant to bats in the marine environment.	No		
76	Ireland	Port/Marine Infrastructure	MAC0203003	Greencore Port, Doyce Shipping Group	Greencore Port, Doyce Shipping Group	<a href="https://www2.doyce.ie/2022/07/07/7724-iarmod-eirian-eodcne-ecoport-bath-3-extension">https://www2.doyce.ie/2022/07/07/7724-iarmod-eirian-eodcne-ecoport-bath-3-extension</a>	10	MAC received and Planning	Tier 1	Yes	Yes	10/04/2024	10/04/2069	*	*	*	Yes	Project now consented	Yes, as project has now been consented	No. Not relevant to bats in the marine environment.	No		

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Average distance from Oriel Project (as of 2023)	Status of Project (as of 2023)	Tier	Within Zell?	Progress to Stage 2?	Stage 1		Stage 2						Scale and nature of development likely to have significant effect?	Progress to Stage 3/4		
												Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because potential for significant overlap?	Other factors?					
												Start date	License Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (2023-2025)	Temporal overlap with operation (2028-2040)		Outline changes made to project since August 2023	Are the updates relevant to the impacts considered in this topic?				
77	Ireland	ORE Projects	2022-MAC-002	Sure Partners Limited SSE Renewables	Arklow Bank Wind Park Phase 2	<a href="https://www.surenrenewables.com/offshore-wind/projects/arklow-bank-wind-park/">https://www.surenrenewables.com/offshore-wind/projects/arklow-bank-wind-park/</a> <a href="https://www.maritimeregulator.ie/wp-content/uploads/2024/03/2022-MAC-002-Sure-Pax-Note.pdf">https://www.maritimeregulator.ie/wp-content/uploads/2024/03/2022-MAC-002-Sure-Pax-Note.pdf</a> <a href="https://www.maritimeregulator.ie/our-work/maritime-area-consents/applications-determined/">https://www.maritimeregulator.ie/our-work/maritime-area-consents/applications-determined/</a>	111	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	*		✓		✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application  Additionally, potential impact (disturbance) was identified on migrating offshore bats, however effects were not significant. On this basis, the assessment of this impact is not considered further.	No	
78	Ireland	ORE Projects	2022-MAC-006	Coding Wind Park Ltd.	Coding Wind Park	<a href="https://codingwindpark.ie/">https://codingwindpark.ie/</a> <a href="https://www.maritimeregulator.ie/wp-content/uploads/2024/03/2022-MAC-006-Coding-Wind-Park-Ltd-AMENDMENT-1.pdf">https://www.maritimeregulator.ie/wp-content/uploads/2024/03/2022-MAC-006-Coding-Wind-Park-Ltd-AMENDMENT-1.pdf</a> <a href="https://www.maritimeregulator.ie/our-work/maritime-area-consents/applications-determined/">https://www.maritimeregulator.ie/our-work/maritime-area-consents/applications-determined/</a>	83	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	*		✓		✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application  Potential impact (disturbance) was identified on migrating offshore bats. However, effects were not significant. On this basis, this impact is not considered further.	Yes	
79	Ireland	ORE Projects	2022-MAC-005	Stakraft	North Irish Sea Array (NISA)	<a href="https://northirishsearray.ie/">https://northirishsearray.ie/</a> <a href="https://www.maritimeregulator.ie/wp-content/uploads/2024/03/2022-MAC-005-NISA.pdf">https://www.maritimeregulator.ie/wp-content/uploads/2024/03/2022-MAC-005-NISA.pdf</a> <a href="https://www.maritimeregulator.ie/our-work/maritime-area-consents/applications-determined/">https://www.maritimeregulator.ie/our-work/maritime-area-consents/applications-determined/</a>	16	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	*		✓		✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application  Potential impact of injury/risk due to collision/interference with marine mammals was identified in the NISA EIAR but no significant impact on bats was identified. On this basis, assessment of this impact is not considered further.	No	
80	Ireland	ORE Projects	2022-MAC-003 and 004	Bay Offshore Wind Limited and Kuk Offshore Wind Limited RWE	Dublin Array	<a href="https://dublinarray.com/">https://dublinarray.com/</a> <a href="https://www.maritimeregulator.ie/wp-content/uploads/2024/03/2022-MAC-003-and-004-Bay-and-Kuk-Offshore-Wind-Ltd-AMENDMENT-1.pdf">https://www.maritimeregulator.ie/wp-content/uploads/2024/03/2022-MAC-003-and-004-Bay-and-Kuk-Offshore-Wind-Ltd-AMENDMENT-1.pdf</a> <a href="https://www.maritimeregulator.ie/our-work/maritime-area-consents/applications-determined/">https://www.maritimeregulator.ie/our-work/maritime-area-consents/applications-determined/</a>	73	Planning MAC Consent	Tier 1	Yes	Yes	23/12/2022	23/12/2067 Term of licence: 45 years	*		✓		✓	Yes	MAC consented and Planning application submitted	Yes, as there is significant further information available for the application  No impact of collision or barotrauma during the operational phase was identified as a potential impact in the Dublin Array EIAR. However, the impact of collision or barotrauma to bats was identified to be negligible. There was no impact of disturbance (interference with echolocation) identified in the Dublin Array EIAR. On this basis, assessment of these impacts are not considered further.	No	
81	Ireland	ORE Site Investigations	FS007555	Sure Partners Ltd	Arklow Bank Wind Park off coast of County Wicklow	<a href="https://www.gov.ie/en/licences-notices/288575s-arklow-bank-and-pax-off-coast-of-county-wicklow/">https://www.gov.ie/en/licences-notices/288575s-arklow-bank-and-pax-off-coast-of-county-wicklow/</a>	107	Consented Planning	Tier 1	Yes	Yes	25/07/2024 Unknown	25/07/2029 Unknown	*		✓		✓	Yes	Project now consented	Yes, as project has now been licensed N/A	No	
82	N.Ireland	Oil and Gas	ML 28_12	Islandmagee Storage Limited	Islandmagee Gas Storage Project	<a href="https://www.ebris.ie/gas-storage-project-islandmagee/">https://www.ebris.ie/gas-storage-project-islandmagee/</a>	> 100	Consented Planning	Tier 1	Yes	Yes	05/11/2021 N/A	In perpetuity N/A	*		✓		✓	Yes	Project now consented	Yes, as project has now been licensed No. Not relevant to bats in the marine environment.	No	
83	Ireland	Cables	FS007635	MarsConnect Ltd	MarsConnect Interconnector Site Investigation	<a href="https://www.gov.ie/en/licences-notices/77de7fa070534-marsconnect-electricity-interconnection-site-investigation/">https://www.gov.ie/en/licences-notices/77de7fa070534-marsconnect-electricity-interconnection-site-investigation/</a>	35	Consented Planning	Tier 1	Yes	Yes	04/07/2024 N/A	04/07/2029 N/A	*		✓		✓	Yes	Project now consented	Yes, as project has now been licensed No. Not relevant to bats in the marine environment.	No	
86	Ireland	Site Investigations	FS007180	Tech Works Marine Ltd	Keweenaw Offshore Wind Ltd Data Buoy Deployment	<a href="https://www.gov.ie/en/licences-notices/6207180-keweenaw-offshore-wind-ltd-data-buoy-deployment/">https://www.gov.ie/en/licences-notices/6207180-keweenaw-offshore-wind-ltd-data-buoy-deployment/</a>	65	Consented Planning	Tier 1	Yes	Yes	11/04/2024 Unknown	11/04/2029 Unknown	*		✓		✓	Yes	Project now consented	Yes, as project has now been licensed No. Not relevant to bats in the marine environment.	No	
87	Ireland	Site Investigations	FS006909	Fingal County Council	Broadhead Way Greenway	<a href="https://www.gov.ie/en/licences-notices/620909-fingal-county-council-broadhead-way-greenway/">https://www.gov.ie/en/licences-notices/620909-fingal-county-council-broadhead-way-greenway/</a>	55	Consented Planning	Tier 1	Yes	Yes	02/05/2024 N/A	02/05/2029 N/A	*		✓		✓	Yes	Project now consented	Yes, as project has now been licensed No. Not relevant to bats in the marine environment.	No	

ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

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**ANNEX 1B: MATRIX 1 NEW PROJECTS**

Other Development Details											Stage 1		Stage 2							
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-09/2023)	Tier	Within Z0?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because potential for spatial/temporal overlap?	Scales and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other factors?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (01/2023-2024-01/2025)	Temporal overlap with operation (2028-2029-01/2030-2031)				
100	United Kingdom	Disposal Site	IS671	Warrenpoint B	Unknown	EMODnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	Not enough information to screen in.	No	No
116	N. Ireland	Marine Disposal	ML2023040	Warrenpoint Harbour	Sea disposal of dredging material from Warrenpoint Harbour	<a href="https://www.draa-ni.gov.uk/relicensing/marine-licence-m/2023040/sea-disposal-warrenpoint-harbour">https://www.draa-ni.gov.uk/relicensing/marine-licence-m/2023040/sea-disposal-warrenpoint-harbour</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	x	x	x	No	No temporal overlap	No	No
137	United Kingdom	Dredging Point	809	Kilkeel	Celtic Sea	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	Not enough information to screen in.	No	No
254	Ireland	Water Pipeline Projects	MAC2024008	Uisce Éireann	Upgrade of Water Main Infrastructure beneath River Boyne, Drogheda, Louth	<a href="https://www.marlinregulator.ie/ia/ur-work/marine-areas/_determination/determination">https://www.marlinregulator.ie/ia/ur-work/marine-areas/_determination/determination</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Yes	No	Yes
269	Ireland	ORE Site Investigations	LIC23001	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore platform and cable landing of the North Sea, Dublin, Meath and Louth	<a href="https://www.marlinregulator.ie/ia/ia/lications/lc/230001/">https://www.marlinregulator.ie/ia/ia/lications/lc/230001/</a>	16	Consented	Tier 1	Yes	Yes	02/08/2024	02/08/2031	x	✓	✓	Yes	Yes	No	Yes
278	Ireland	Site Investigations	MUL240011	Brenore Ireland Port Designated Activity Company (BIPDNC)	Site investigations to inform the location and design of a proposed port infrastructure, Dublin and Meath	<a href="https://www.marlinregulator.ie/ia/ia/lications/mu/240011/">https://www.marlinregulator.ie/ia/ia/lications/mu/240011/</a>	6	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Yes	No	Yes

Other Development Details											Stage 1		Stage 2								
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/03/2022 - <a href="#">View</a> )	Tier	Within Zon?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	Yes/No If no, please provide justification	Other factors?	Progress to Stage 3/4
												Start date	License Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (03/2038 - 2037 - <a href="#">View</a> )	Temporal overlap with operation (2038 - 2068 - <a href="#">View</a> )	Temporal overlap with decommissioning (2068 - 2080 - <a href="#">View</a> )				
116	N.Ireland	Marine Disposal	ML2023040	Warrenpoint Harbour	Sea disposal of dredging material from Warrenpoint Harbour	<a href="https://www.dataservice.ni.gov.uk/publications/marine-licence-mi2023040-sea-disposal-warrenpoint-harbour">https://www.dataservice.ni.gov.uk/publications/marine-licence-mi2023040-sea-disposal-warrenpoint-harbour</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	x	x	x	No	No - no temporal overlap	N/A	No	
137	United Kingdom	Dredging Point	809	Kileel	Celtic Sea	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - Ongoing activities associated with port operations so can be considered ongoing activity part of baseline.	No	No	
254	Ireland	Water Pipeline Projects	MAC20240008	Ulisce Eireann	Upgrade of Water Main Infrastructure beneath River Boyne, Drogheda, Louth	<a href="https://www.marinemanager.ie/applications/consents/applications/received/">https://www.marinemanager.ie/applications/consents/applications/received/</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - unlikely to result in effects on benthic habitats of a similar nature to those associated with the Proposed Development.	No	No	
269	Ireland	ORE Site Investigations	LIC230001	North Irish Sea Array Limited	Site investigation analysis to inform development of the NISA offshore windfarm and export cable of the coasts of Dublin, Meath and Louth	<a href="https://www.marinemanager.ie/applications/lic230001/">https://www.marinemanager.ie/applications/lic230001/</a>	16	MUL Consented	Tier 1	Yes	Yes	02/08/2024	02/08/2031	x	✓	✓	Yes	Yes	No - due to the very limited impacts on seabed both spatially and temporally	Yes	Yes
278	Ireland	Site Investigations	MUL240011	Bremore Ireland Port Designated Activity Company (BIPDAC)	Site investigations to inform the location and design of a proposed port infrastructure - Dublin and Meath	<a href="https://www.marinemanager.ie/applications/mul240011/">https://www.marinemanager.ie/applications/mul240011/</a>	6	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
356	Ireland	Farm	IE_0172	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
357	Ireland	Farm	IE_1092	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
358	Ireland	Farm	IE_1031	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
359	Ireland	Farm	IE_1118	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
360	Ireland	Farm	IE_1050	Oysters	-	EMODnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
361	Ireland	Farm	IE_1063	Mussels	-	EMODnet	14	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
362	Ireland	Farm	IE_1068	Mussels	-	EMODnet	15	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
363	Ireland	Farm	IE_1071	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
364	Ireland	Farm	IE_0629	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
365	Ireland	Farm	IE_0655	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
366	Ireland	Farm	IE_0658	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
367	Ireland	Farm	IE_0657	Mussels	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
368	Ireland	Farm	IE_0654	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
369	Ireland	Farm	IE_0927	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
370	Ireland	Farm	IE_0674	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
371	Ireland	Farm	IE_0639	Mussels	-	EMODnet	17	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
372	Ireland	Farm	IE_0399	Oysters,Clams	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
373	Ireland	Farm	IE_0398	Oysters,Clams	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
374	Ireland	Farm	IE_0549	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
375	Ireland	Farm	IE_0961	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
376	Ireland	Farm	IE_0503	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
377	Ireland	Farm	IE_0504	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
378	Ireland	Farm	IE_0490	Oysters,Clams	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
379	Ireland	Farm	IE_0491	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
380	Ireland	Farm	IE_0954	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
381	Ireland	Farm	IE_0495	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
382	Ireland	Farm	IE_0969	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
383	Ireland	Farm	IE_0483	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
384	Ireland	Farm	IE_0484	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
385	Ireland	Farm	IE_0485	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	
386	Ireland	Farm	IE_0481	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No	

Other Development Details										Within 2017	Progress to Stage 2?	Stage 1		Stage 2									
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023 - <span style="color:red">WIP</span> )	Tier			Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	Yes/No If no, please provide justification	Other factors?	Progress to Stage 3/4		
												Start date	License Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (2013-2018) - <span style="color:red">Ongoing until 2023</span>	Temporal overlap with operation (2028-2068) - <span style="color:red">2028-2068</span>							
387	Ireland	Farm	IE_0489	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No			
388	Ireland	Farm	IE_0173	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No			
389	Ireland	Farm	IE_1094	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No			
390	Ireland	Farm	IE_0276	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No			
391	Ireland	Farm	IE_0277	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - No receptor - impact pathway for cumulative effects with the Project.	No	No			

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-09/2023)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2		Scale and nature of development likely to have significant effect? YES/NO	Other factors?	Progress to Stage 3/4		
												Licensable Period		Spatial/temporal overlap with Project						
												Start date	Licence Expiration Date	Overlap with planning application Boundary	Temporal overlap with construction (Q3 2023 - Q2 2027, Q4 2024 - Q1 2029)	Temporal overlap with operation (Q3 2028 - 2069)				
88	United Kingdom	Disposal Site	IS043	Holyhead North	Unknown	EMODnet	102	Unknown	Tier 1	Yes	Yes	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No	
89	United Kingdom	Disposal Site	IS065	Conwy	Unknown	EMODnet	161	Unknown	Tier 1	Yes	Yes	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No	
92	United Kingdom	Disposal Site	IS140	Site Z	Unknown	EMODnet	185	Unknown	Tier 1	Yes	Yes	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No	
96	United Kingdom	Disposal Site	IS205	Barrow D	Unknown	EMODnet	185	Unknown	Tier 1	Yes	Yes	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No	
97	United Kingdom	Disposal Site	IS241	Workington Anchorage	Unknown	EMODnet	178	Unknown	Tier 1	Yes	Yes	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No	
99	United Kingdom	Disposal Site	IS591	Belfast Dredgings C	Unknown	EMODnet	97	Unknown	Tier 1	Yes	Yes	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No	
109	United Kingdom	Disposal Site	MA545	Portstewart Bay B	Unknown	EMODnet	154	Unknown	Tier 1	Yes	Yes	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No	
110	United Kingdom	Disposal Site	MA581	Carnlough A	Unknown	EMODnet	117	Unknown	Tier 1	Yes	Yes	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No	
111	Ireland	Dredging	S0033-01	Dublin Port Company	Dublin Harbour Capital Dredging Project	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/S0033-01">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/S0033-01</a>	58	Consented	Tier 1	Yes	Yes	17/12/2024	31/03/2030	×	✓	✓	Yes	No due to limited extent of impacts	No	No
112	Ireland	Dredging	S0037-01	Wicklow County Council	Maintenance dredging of Wicklow Port	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/S0037-01">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/S0037-01</a>	115	Planning (Applied 19/04/2024)	Tier 1	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No due to limited extent of impacts	No	No
113	Ireland	Dredging	S0038-01	Dublin Port Company	Capital Dredging for 3FM Project	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/S0038-01">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/S0038-01</a>	58	Planning (Applied 11/20/2024)	Tier 1	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No due to limited extent of impacts	No	No
116	N Ireland	Marine Disposal	ML2023040	Warrenpoint Harbour	Sea disposal of dredging material from Warrenpoint Harbour	<a href="https://www.hera-planning.com/terminal_out/DS/Seas/View/Project/ML2023040-sea-disposal-warrenpoint-harbour">https://www.hera-planning.com/terminal_out/DS/Seas/View/Project/ML2023040-sea-disposal-warrenpoint-harbour</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	×	×	×	No	No due to no temporal overlap	No	No
125	Ireland	Navigational dredging (maintenance)	MUL230026	Wicklow County Council	Maintenance dredging of the navigation channel, turning basin and berths at Wicklow Port - Wicklow	<a href="https://www.marineregulator.ie/publications/mul230026">https://www.marineregulator.ie/publications/mul230026</a>	96	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No due to limited extent of impacts	No	No
130	United Kingdom	Dredging Point	786	Castletown Bay, Isle of Man	Celtic Sea	EMODnet	92	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No
137	United Kingdom	Dredging Point	809	Kilkeel	Celtic Sea	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No
138	United Kingdom	Dredging Point	811	Lagan River/Belfast Lough	Celtic Sea	EMODnet	78	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No
154	United Kingdom	Dredging Point	838	Port St. Mary, Isle of Man	Celtic Sea	EMODnet	86	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	×	Unknown	Unknown	Yes	No, distance and scale of impacts means significant cumulative effects will not occur.	No	No
168	Wales	Deposit and Removal	CML2312	Robert Wynn & Sons Ltd	Beach landing at Black Rock Sands	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2312">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2312</a>	NRW	NRW	Tier 1	Yes	Yes	06/04/2023	Unknown	×	Unknown	Unknown	Yes	No due to limited extent of impacts	No	No
169	Wales	Removal	CML2331	MaresConnect Ltd	Interconnector Seabed	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2331">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2331</a>	NRW	NRW	Tier 1	Yes	Yes	12/10/2023	31/12/2025	×	×	×	Yes	No due to limited extent of impacts	No	No
170	Wales	Construction, Deposit, Removal	CML2332	Gwynedd Council	Repair of sea wall, erect floodgate and install new drainage network	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2332">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2332</a>	NRW	NRW	Tier 1	Yes	Yes	27/02/2024	01/04/2026	×	×	×	Yes	No due to limited extent of impacts	No	No
172	Wales	Construction, Deposit, Removal	CML2339	Ancala Water Services (Estates) Ltd	RAF Valley Tidal Flap	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2339">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2339</a>	NRW	NRW	Tier 1	Yes	Yes	27/09/2023	01/09/2028	×	✓	×	Yes	No due to limited extent of impacts	No	No
173	Wales	Construction, Deposit, Removal	CML2339	Ancala Water Services (Estates) Ltd	RAF Valley Tidal Flap	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2339">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2339</a>	NRW	NRW	Tier 1	Yes	Yes	28/09/2023	01/09/2028	×	✓	×	Yes	No due to limited extent of impacts	No	No
174	Wales	Construction, Deposit, Removal	CML2339	Ancala Water Services (Estates) Ltd	RAF Valley Tidal Flap	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2339">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML2339</a>	NRW	NRW	Tier 1	Yes	Yes	29/09/2023	01/09/2028	×	✓	×	Yes	No due to limited extent of impacts	No	No
211	Wales	Deposit	EMX2454	Llandudno Town Council	Llandudno Annual Permissions	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2454">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2454</a>	160	Unknown	Tier 1	Yes	Yes	03/11/2024	02/11/2025	×	×	×	No	N/A	N/A	No
212	Wales	Removal	EMX2503	Ocean Energy UK Limited	Grab samples	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2503">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2503</a>	140	Unknown	Tier 1	Yes	Yes	03/02/2023	01/04/2023	×	×	×	No	N/A	N/A	No
224	Wales	Removal	EMX2412	McMahon Design & Management Limited	Marine Survey & Site Investigation Work - Phase 1	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2412">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2412</a>	79	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	×	×	×	No	N/A	N/A	No
225	Wales	Removal	EMX2413	McMahon Design & Management Limited	Marine Survey & Site Investigation Works S0B92	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2413">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2413</a>	88	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	×	×	×	No	N/A	N/A	No
226	Wales	Removal	EMX2413	McMahon Design & Management Limited	Marine Survey & Site Investigation Work - Phase 2	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2413">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2413</a>	83	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	×	×	×	No	N/A	N/A	No
237	Wales	Removal	EMX2444	Mona Offshore Wind Limited	2024 Deep Geological Survey	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2444">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/EMX2444</a>	NRW	NRW	Tier 1	Yes	Yes	18/09/2024	17/09/2025	×	×	×	No	N/A	N/A	No
239	Wales	Construction	CML1843	NRW	Repair and enhance sea defence revetment	<a href="https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML1843">https://eppawebapp.eea.ie/terminal_out/DS/Seas/View/Project/CML1843</a>	188	Unknown	Tier 1	Yes	Yes	06/02/2019	31/12/2054	×	✓	✓	Yes	No due to limited extent of impacts	No	No
240	Ireland	Port/Marine Infrastructure	314487	Minister for Agriculture, Food and the Marine	Dredging of harbour, reclamation of land, construction of slipway, embankment and rock armour - Howth Fishery Harbour	<a href="https://www.gov.ie/en/consultation/8d44d-howth-harbour-dredging/">https://www.gov.ie/en/consultation/8d44d-howth-harbour-dredging/</a>	51	Consented (30/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No due to limited extent of impacts	No	No
241	Ireland	Port/Marine Infrastructure	320250	Dublin Port Company	3FM Project - Construction of Lo-Lo container terminal Ro-Ro freight terminal and other work	<a href="https://www.dublinport.ie/masterplan/">https://www.dublinport.ie/masterplan/</a>	54	Planning (Applied on 23/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No due to limited extent of impacts	No	No
243	Ireland	Port/Marine Infrastructure	MAC2020012	Kish Offshore Wind Limited & Bray Offshore Wind Limited	ORE & O&M facility in St. Michael's Pier, Dún Laoghaire Harbour	<a href="https://www.marineregulator.ie/content/doc/2024/12/20/MAC2020012_Amendment_A_reduced.pdf">https://www.marineregulator.ie/content/doc/2024/12/20/MAC2020012_Amendment_A_reduced.pdf</a>	61	MAC Consent	Tier 2	Yes	Yes	30/10/2024	30/10/2069	×	✓	✓	Yes	No due to limited extent of impacts	No	No
244	Ireland	Port/Marine Infrastructure	MAC2023005	Iarnród Éireann/Irish Rail	ORE & O&M Facility and additional works for Dublin Airport Offshore Wind Farm at Dun Laoghaire Harbour	<a href="https://www.marineregulator.ie/content/doc/2024/12/20/MAC2023005_A_reduced.pdf">https://www.marineregulator.ie/content/doc/2024/12/20/MAC2023005_A_reduced.pdf</a>	> 100	MAC Consent	Tier 2	Yes	Yes	02/07/2025	02/07/2085	×	✓	✓	Yes	No due to limited extent of impacts	No	No
245	Ireland	Port/Marine Infrastructure	MAC240020	Dun Laoghaire Rathdown County Council/Kish Offshore Wind Limited & Bray Offshore Wind Limited	Construction of a new 100MW O&M facility at Dun Laoghaire Harbour	<a href="https://www.dcaid.gov.uk/consultation/122203/narrow-water-harbour-project">https://www.dcaid.gov.uk/consultation/122203/narrow-water-harbour-project</a>	61	MAC Consent	Tier 2	Yes	Yes	12/11/2024	12/11/2069	×	✓	✓	Yes	No due to limited extent of impacts	No	No
246	N Ireland	Marine Construction	ML202203	Louth County Council	Narrow Water Bridge Project	<a href="https://www.dcaid.gov.uk/consultation/122203/narrow-water-harbour-project">https://www.dcaid.gov.uk/consultation/122203/narrow-water-harbour-project</a>	21	Consented	Tier 1	Yes	Yes	29/03/2024	28/03/2027	×	×	×	No	No due to no temporal overlap	No	No
247	N Ireland	Marine Construction	ML2023017	LSS Oil Terminal	LSS Jetty Loug Foyle	<a href="https://www.dcaid.gov.uk/consultation/122203/narrow-water-harbour-project">https://www.dcaid.gov.uk/consultation/122203/narrow-water-harbour-project</a>	140	Consented	Tier 1	Yes	Yes	20/05/2025	20/05/2026	×	×	×	No	No due to no temporal overlap	No	No
248	N Ireland	Marine Construction	ML202309	North Channel Wind Limited	Marine Surveys to inform location and design of offshore wind farm and cable route	<a href="https://www.dcaid.gov.uk/consultation/122203/narrow-water-harbour-project">https://www.dcaid.gov.uk/consultation/122203/narrow-water-harbour-project</a>	101	Consented	Tier 1	Yes	Yes	01/04/2025	01/04/2028	×	×	×	No	No due to no temporal overlap	No	No
249	N Ireland	Marine Construction	ML202409	TIUC Limited	Ground survey work to inform a project: interconnector between N and Scotland	<a href="https://www.dcaid.gov.uk/publications/marine-construction-licence/ml202409_a.pdf">https://www.dcaid.gov.uk/publications/marine-construction-licence/ml202409_a.pdf</a>	88	Consented	Tier 1	Yes	Yes	22/01/2025	22/01/2026	×	×	×	No	No due to no temporal overlap	No	No

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-08/2023)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2						
												Licensable Period		Spatial/temporal overlap with Project		Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect? If no, please provide justification	Other factors?	Progress to Stage 3/4	
												Start date	Expiry Date	Overlap with Licensable Application Boundary	Temporal overlap with construction (Q3 2023-2027, Q4 2028-2029)					
250	N.Ireland	Marine Construction	ML2024011	Northern Ireland Water	Newcastle Central Promenade	<a href="https://www.dataservice.ni.gov.uk/publications/marine-construction-licence-m2024011-newcastle-central-promenade">https://www.dataservice.ni.gov.uk/publications/marine-construction-licence-m2024011-newcastle-central-promenade</a>	30	Consented	Tier 1	Yes	Yes	11/11/2024	11/11/2025	✗	✗	✗	No	No due to no temporal overlap	No	No
251	N.Ireland	Marine Construction	ML2024012	Causeway Coast & Glens Borough Council	Repair the existing slipway at Portstewart Harbour by removing and replacing damaged areas.	<a href="https://www.dataservice.ni.gov.uk/publications/marine-construction-licence-m2024012-repair-existing-slipway-portstewart-borough-council">https://www.dataservice.ni.gov.uk/publications/marine-construction-licence-m2024012-repair-existing-slipway-portstewart-borough-council</a>	144	Planning	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No
252	N.Ireland	Marine Construction	ML2024027	Translink NIR	Improve Sea defences in Carrickfergus	<a href="https://www.dataservice.ni.gov.uk/publications/marine-construction-licence-m2024027-improve-sea-defences-parkgate-carrickfergus">https://www.dataservice.ni.gov.uk/publications/marine-construction-licence-m2024027-improve-sea-defences-parkgate-carrickfergus</a>	88	Consented	Tier 1	Yes	Yes	08/04/2025	07/04/2026	✗	✗	✗	No	No due to no temporal overlap	No	No
253	N.Ireland	Marine Construction	ML2024030	Bangor Marine Limited	Construction of outfall pipe for storm drainage in Bangor Marina	<a href="https://www.dataservice.ni.gov.uk/publications/marine-construction-licence-m2024030-construction-outfall-bangor-marina">https://www.dataservice.ni.gov.uk/publications/marine-construction-licence-m2024030-construction-outfall-bangor-marina</a>	84	Planning	Tier 1	Yes	Yes	24/03/2025	23/03/2026	✗	✗	✗	No	No due to no temporal overlap	No	No
254	Ireland	Water Pipeline Projects	MAC20240008	Uisce Eireann	Upgrade of Water Mains Infrastructure between River Boyne, Drogheda, Louth	<a href="https://www.marineregulator.ie/a/granite/maritime-areas/consent/consent/calls-for-reviews/">https://www.marineregulator.ie/a/granite/maritime-areas/consent/consent/calls-for-reviews/</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - Unlikely to result in effects on berthing habitats of a similar nature to those associated with the Proposed Development	No	No
267	Ireland	ORE Projects	321635	Arklow Energy Limited	Arklow Bank Wind Park Phase 1	<a href="https://www.planetar.ie/en-publications/321635">https://www.planetar.ie/en-publications/321635</a>	100	Planning to Decommission	Tier 3	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - effects are expected to be limited in extent and therefore due to larger distances between this project and the One Point Offshore Proposed Development, there is no potential for cumulative effects	No	No
269	Ireland	ORE Site Investigations	LIC230001	North Irish Sea Array Limited	Site investigation activities to inform development of a subsea cable system and export cable of the coast of Dublin, Meath and Louth	<a href="https://www.marineregulator.ie/a/publications/lic/230001">https://www.marineregulator.ie/a/publications/lic/230001</a>	16	Consented	Tier 1	Yes	Yes	02/08/2024	02/08/2031	✗	✓	✓	Yes	No due to the very limited impacts on seabed both spatially and temporally	No	Yes
270	Ireland	ORE Site investigations	MUL230034	Coding Wind Park Limited (CWPL)	Survey mobilisations to inform the location and details of the proposed Coding Wind Park OWF, export cable route, potential O&M base, and other associated works - Dublin to Wicklow	<a href="https://www.marineregulator.ie/a/publications/mul/230034">https://www.marineregulator.ie/a/publications/mul/230034</a>	56	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No
273	Ireland	Site Investigations	LIC230007	Dublin City Council	Environmental survey and ground investigation works in order to inform the location of proposed Point Bridge and Tom Clarke Widening - Dublin to Wicklow	<a href="https://www.marineregulator.ie/a/publications/lic/230007">https://www.marineregulator.ie/a/publications/lic/230007</a>	55	MUL	Tier 1	Yes	Yes	25/06/2025	25/06/2026	✗	✗	✗	No	No due to no temporal overlap	No	No
276	Ireland	Site investigations	MUL240008	MaresConnect Ltd	Site investigation surveys to assess various factors associated with the interconnector project - Dublin	<a href="https://www.marineregulator.ie/a/publications/mul/240008">https://www.marineregulator.ie/a/publications/mul/240008</a>	37	MUL	Tier 1	Yes	Yes	30/06/2025	30/06/2030	✗	✓	✗	Yes	No due to limited extent of impacts	No	No
277	Ireland	Site Investigations	MUL240023	Iarnród Éireann	Geotechnical investigation, Geophysical site investigation surveys, ecological surveys and archaeology surveys to inform design options for the proposed East Coast Rail Infrastructure Construction Projects (ECRIP), Dublin to Wicklow	<a href="https://www.marineregulator.ie/a/publications/mul/240023">https://www.marineregulator.ie/a/publications/mul/240023</a>	58	MUL	Tier 1	Yes	Yes	22/10/2025	22/10/2031	✗	✓	✓	Yes	No due to limited extent of impacts	No	No
278	Ireland	Site Investigations	MUL240011	Bremore Inland Port Designated Activity Company (BIPDAC)	Site investigations to inform the location and design of a proposed port infrastructure - Dublin	<a href="https://www.marineregulator.ie/a/publications/mul/240011">https://www.marineregulator.ie/a/publications/mul/240011</a>	6	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to the very limited impacts on seabed both spatially and temporally	No	No
285	Ireland	Site Investigations	MUL240010	EirGrid	Site investigations to inform design and environmental assessment of Electrical Cable Circuit crossing Dublin	<a href="https://www.marineregulator.ie/a/publications/mul/240010">https://www.marineregulator.ie/a/publications/mul/240010</a>	55	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No
287	UK	Surface Infrastructure	PLATFORM	CHRYSAOR HOLDINGS	ACCOMMODATION PLATFORM API	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/161">NSTA 161</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
288	UK	Surface Infrastructure	TERMINAL	unknown	BONDI-FIN-FURNES GAS PLATFOR	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/188">NSTA 188</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
289	UK	Surface Infrastructure	TERMINAL	unknown	BRAYMORE POINT	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/22">NSTA 22</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
290	UK	Surface Infrastructure	PLATFORM	HARBOUR ENERGY PLC	CALMER	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/156">NSTA 156</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
293	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	CENTRAL CONSTRUCTION PLTFM CPP1	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/161">NSTA 161</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
294	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	CONWY PLATFORM	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/159">NSTA 159</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
295	UK	Surface Infrastructure	TERMINAL	unknown	CORSEWALL POINT	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/126">NSTA 126</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
296	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	CORSEWALL POINT	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/163">NSTA 163</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
297	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DP	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/167">NSTA 167</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
298	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DW	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/167">NSTA 167</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
299	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	DPP4 PLATFORM	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/162">NSTA 162</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
300	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	DPP5 PLATFORM	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/159">NSTA 159</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
301	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	DPP8 PLATFORM	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/158">NSTA 158</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
302	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	DRILLING PLATFORM DR1	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/161">NSTA 161</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
303	UK	Surface Infrastructure	TERMINAL	unknown	DRILLING PLATFORM DR1	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/160">NSTA 160</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
307	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	ELAIRE TURBO	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/161">NSTA 161</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
308	UK	Surface Infrastructure	TERMINAL	unknown	GLEN NOON	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/101">NSTA 101</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
309	UK	Surface Infrastructure	TERMINAL	ENI UK LIMITED	HAMILTON	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/174">NSTA 174</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
310	UK	Surface Infrastructure	TERMINAL	ENI UK LIMITED	HARBOUR NORTH	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/174">NSTA 174</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
312	UK	Surface Infrastructure	TERMINAL	unknown	ISLAND MAGEE	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/103">NSTA 103</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
313	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	LENNOX	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/191">NSTA 191</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
314	UK	Surface Infrastructure	BUOY	CEPAS	LIVERPOOL BAY BUOY - KER 070012	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/181">NSTA 181</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
315	UK	Surface Infrastructure	BUOY	CEPAS	LIVERPOOL BAY SMART BUOY KER 070020102 AREAS	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/162">NSTA 162</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
316	UK	Surface Infrastructure	TERMINAL	unknown	MILLION WEST	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/143">NSTA 143</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
317	UK	Surface Infrastructure	PLATFORM	HARBOUR ENERGY PLC	MILLION WEST	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/143">NSTA 143</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
318	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	MILLION WEST PLATFORM	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/143">NSTA 143</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
319	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	NORTH MORECAMBE PLTFORM	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/155">NSTA 155</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
320	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	NORTH MORECAMBE	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/155">NSTA 155</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
321	UK	Surface Infrastructure	PFPSO	ENI UK LIMITED	OSI OFFSHORE STORAGE INST.	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/166">NSTA 166</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
322	UK	Surface Infrastructure	TERMINAL	unknown	POINT OF AYR	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/188">NSTA 188</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
325	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	SOUTH MORECAMBE API	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/161">NSTA 161</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
326	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	SOUTH MORECAMBE CPP1	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/161">NSTA 161</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
327	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	SOUTH MORECAMBE DP1	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/163">NSTA 163</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
328	UK	Surface Infrastructure	PLATFORM	SPRINT ENERGY	SOUTH MORECAMBE DP3	<a href="https://www.dataservice.ni.gov.uk/publications/nsta/163">NSTA 163</a>	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-2019)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2							
												Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	Other factors?	Progress to Stage 3/4	
												Start date	Expiry Date	Overlap with Existing Application Boundary	Temporal overlap with construction (Q3 2023 - 2027, Q4 2028 - 2029)	Temporal overlap with operation (Q1 2028 - 2069)					
329	UK	Surface Infrastructure	PLATFORM	SPiRT ENERGY	SOUTH MORECAMBE DPA	NSTA	162	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
330	UK	Surface Infrastructure	PLATFORM	SPiRT ENERGY	SOUTH MORECAMBE DPA	NSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
331	UK	Surface Infrastructure	PLATFORM	SPiRT ENERGY	SOUTH MORECAMBE DPA	NSTA	158	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
332	UK	Surface Infrastructure	PLATFORM	SPiRT ENERGY	SOUTH MORECAMBE FL1	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
334	Ireland	Coastal Infrastructure	MAC2024007	Fingal County Council	Oriel Wind Farm	<a href="https://www.marineregulator.ie/utwork/maritime-areas-consents/applications-received/">https://www.marineregulator.ie/utwork/maritime-areas-consents/applications-received/</a>	39	MAC Consent	Tier 2	Yes	Yes	28/07/2025	28/07/2080	✗	✓	✓	✓	Yes	No due to limited extent of impacts	No	No
340	Ireland	Storm Outfall	MAC240028	Dublin City Council	Outfall at Sir John Rogerson's Quay, part of the Grand Canal Docks Storm Outfall Extension project	<a href="https://www.marineregulator.ie/utwork/maritime-areas-consents/applications-received/">https://www.marineregulator.ie/utwork/maritime-areas-consents/applications-received/</a>	55	MAC Consent (Application)	Tier 2	Yes	Yes	17/07/2025	14/07/2080	✗	✓	✓	✓	Yes	No due to limited extent of impacts	No	No
342	Ireland	Recreation facility	MAC20230015	Dún Laoghaire - Rathdown County Council	Introduction of Water Park, Bon Leprechaun Lagoon	<a href="https://www.marineregulator.ie/utwork/maritime-areas-consents/applications-received/">https://www.marineregulator.ie/utwork/maritime-areas-consents/applications-received/</a>	61	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
352	Ireland	Aquaculture	MUL230032	University College Dublin	Oysters to nearshore sites with eco-engineered habitats in Dublin Bay	<a href="https://www.marineregulator.ie/publications/mul230032/">https://www.marineregulator.ie/publications/mul230032/</a>	50	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No	
353	Ireland	Research	MUL240004	Dublin City University	Geophysical Research Bouy, Dún Laoghaire Coast	<a href="https://www.marineregulator.ie/publications/mul240004/">https://www.marineregulator.ie/publications/mul240004/</a>	62	MUL (Withdrawn)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✗	✗	No	No due to no temporal overlap	No	No	
355	N.Ireland	Research	ML2024031	DAERA, Marine conservation Reporting	Elaenibranch Acoustic Monitoring Project	<a href="https://www.daera-ni.gov.uk/publications/elaenibranch-acoustic-monitoring-project/">https://www.daera-ni.gov.uk/publications/elaenibranch-acoustic-monitoring-project/</a>	23	Consented	Tier 1	Yes	Yes	07/06/2025	31/05/2028	✗	✗	✗	No	No due to no temporal overlap	No	No	
356	Ireland	Farm	IE_0172	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
357	Ireland	Farm	IE_1092	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
358	Ireland	Farm	IE_1031	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
359	Ireland	Farm	IE_1118	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
360	Ireland	Farm	IE_1050	Oysters	-	EMODnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
361	Ireland	Farm	IE_1063	Mussels	-	EMODnet	14	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
362	Ireland	Farm	IE_1068	Mussels	-	EMODnet	15	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
363	Ireland	Farm	IE_1071	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
364	Ireland	Farm	IE_0829	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
365	Ireland	Farm	IE_0655	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
366	Ireland	Farm	IE_0656	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
367	Ireland	Farm	IE_0657	Mussels	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
368	Ireland	Farm	IE_0654	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
369	Ireland	Farm	IE_0927	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
370	Ireland	Farm	IE_0674	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
371	Ireland	Farm	IE_0639	Mussels	-	EMODnet	17	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
372	Ireland	Farm	IE_0399	Oysters,Clams	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	
373	Ireland	Farm	IE_0398	Oysters,Clams	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No	

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-2023)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2		Scale and nature of development likely to have significant effect? (Yes/No)	Other factors?	Progress to Stage 3/4		
												Licensable Period		Spatial/temporal overlap with Project						
												Start date	Expiry Date	Overlap with Existing Application Boundary	Temporal overlap with construction (Q3 2023-2027, Q4 2024-2028)	Temporal overlap with operation (Q3 2028-2069)				
374	Ireland	Farm	IE_0949	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
375	Ireland	Farm	IE_0961	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
376	Ireland	Farm	IE_0503	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
377	Ireland	Farm	IE_0504	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
378	Ireland	Farm	IE_0490	Oysters,Clams	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
379	Ireland	Farm	IE_0491	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
380	Ireland	Farm	IE_0964	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
381	Ireland	Farm	IE_0495	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
382	Ireland	Farm	IE_0969	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
383	Ireland	Farm	IE_0483	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
384	Ireland	Farm	IE_0484	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
385	Ireland	Farm	IE_0485	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
386	Ireland	Farm	IE_0481	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
387	Ireland	Farm	IE_0489	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
388	Ireland	Farm	IE_0173	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
389	Ireland	Farm	IE_1094	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
390	Ireland	Farm	IE_0276	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
391	Ireland	Farm	IE_0277	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No - the nature of these activities (stationary and intermittent) as well as the limited extent of the impact will not result in a cumulative impact with the fish and shellfish receptors.	No	No
The following have been updated since the initial search																				
392	Ireland	Cables	MAC240013	ESB	Replacement of high voltage underground cables (North Wall to Poolbeg, Dublin)	<a href="https://www.maritimeregulator.ie/ls/ur-work/maritime-areas-consents/marise-applications-received/">https://www.maritimeregulator.ie/ls/ur-work/maritime-areas-consents/marise-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No
393	Ireland	Road Infrastructure	MAC20230034	NTA	Proposed road development as part of the Dublin City Centre Core Bus Corridor Scheme (Ringend to City Centre)	<a href="https://www.maritimeregulator.ie/ls/ur-work/maritime-areas-consents/marise-applications-received/">https://www.maritimeregulator.ie/ls/ur-work/maritime-areas-consents/marise-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No
395	Ireland	Cables	MAC240061	ESB	Installation of new electrical transmission circuit including submarine cabling within the near-shore area between Blackrock and Shellbank, Dublin Bay	<a href="https://www.maritimeregulator.ie/ls/ur-work/maritime-areas-consents/marise-applications-received/">https://www.maritimeregulator.ie/ls/ur-work/maritime-areas-consents/marise-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023: 2023)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2		Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect? If no, please provide justification	Other factors?	Progress to Stage 3/4				
												Licensable Period		Spatial/temporal overlap with Project									
												Start date	Licence Expiration Date	Overlap with Existing Application Boundary	Temporal overlap with construction (Q3 2023 - Q3 2027: 2023-2027)	Temporal overlap with operation (Q3 2028 - Q3 2049: 2028-2049)							
396	Ireland	Bridge Infrastructure	MAC240014	Dublin City Council	Construction of a pedestrian and cyclist bridge (Point Bridge) and widening of Tom Clarke Bridge, widening of Point Bridge, dismantling of existing and construction of new vessel collision structures to the west of the proposed Point Bridge.	<a href="https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/</a>	55	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
397	Ireland	Coastal Infrastructure	MAC2023009	Iarnród Éireann (IE)	Coastal Protection (Merion Gates to Seapoint Beach, Dublin)	<a href="https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
398	Ireland	Coastal Infrastructure	MAC250028	Iarnród Éireann (IE)	Coastal Protection (Whiterock to South Killiney, Dublin)	<a href="https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
399	Ireland	Coastal Infrastructure	MAC250029	Iarnród Éireann (IE)	Coastal Protection (Bray Head to Greystones North Beach, Wicklow)	<a href="https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/</a>	>80	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
400	Ireland	Coastal Infrastructure	MAC250030	Iarnród Éireann (IE)	Coastal Protection (Kilcoole to Newcastle, Wicklow)	<a href="https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/</a>	>80	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
401	Ireland	Coastal Infrastructure	MAC250031	Iarnród Éireann (IE)	Coastal Protection (Newcastle to Wicklow Marough, Wicklow)	<a href="https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/</a>	>80	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
403	Ireland	Coastal Infrastructure	MAC250027	Laoghaire Rathdown County Co	Regulation of preexisting Portion (Dún Laoghaire, Dublin)	<a href="https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/</a>	61	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
404	Ireland	Bridge Infrastructure	MAC240051	Iarnród Éireann	The construction of a pedestrian and cyclist bridge and a riverside boardwalk (Ballydehob, Cork)	<a href="https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/ie/ur-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
407	Ireland	Research	MUL240028	University College Cork	To co-deploy passive acoustic monitoring devices ("acoustic traps") in the western Irish Sea and southern Celtic Sea on existing Commission of Irish Lights (COL) structures to identify the broad scale movements of electronically tagged elasmobranchs (sharks and rays).	<a href="https://www.maritimeregulator.ie/ie/publications/mul240028/">https://www.maritimeregulator.ie/ie/publications/mul240028/</a>	>100	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
409	Ireland	Site Investigations	MUL250003	Laoghaire Rathdown County Co	Marine environmental surveys for the purposes of site investigation to understand the nature of marine site investigation activities to assess the feasibility of potential future dredging within the Irish Sea.	<a href="https://www.maritimeregulator.ie/ie/publications/ licence-application-mul250003/">https://www.maritimeregulator.ie/ie/publications/ licence-application-mul250003/</a>	62	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			
410	Ireland	Site Investigations	MUL250013	Ulsoe Éireann	Greater Dublin Drainage Project (Baldoyle Bay and the Irish Sea)	<a href="https://www.maritimeregulator.ie/ie/publications/mul250013/">https://www.maritimeregulator.ie/ie/publications/mul250013/</a>	>55	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No due to limited extent of impacts	No	No			

Other Development Details										Stage 1		Stage 2								
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023)	Tier	Within Zof?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project		Further Consideration required because potential for spatial-temporal overlap?	Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other factors?	Progress to Stage 3?	
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (as of 08/02/2023)	Temporal overlap with operation (as of 08/02/2023)				
88	United Kingdom	Disposal Site	IS043	Holyhead North	Unknown	EMODnet	102	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
89	United Kingdom	Disposal Site	IS055	Conwy	Unknown	EMODnet	161	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
90	United Kingdom	Disposal Site	IS102	Mostyn Deep (maintenance)	Unknown	EMODnet	192	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
91	United Kingdom	Disposal Site	IS110	Mersey (groyne site)	Unknown	EMODnet	216	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
92	United Kingdom	Disposal Site	IS140	Site Z	Unknown	EMODnet	185	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
93	United Kingdom	Disposal Site	IS170	Morecambe Bay: Lune Deep	Unknown	EMODnet	194	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
94	United Kingdom	Disposal Site	IS192	Lune River B	Unknown	EMODnet	208	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
95	United Kingdom	Disposal Site	IS200	Morecambe Bay B	Unknown	EMODnet	198	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
96	United Kingdom	Disposal Site	IS205	Barrow D	Unknown	EMODnet	185	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
97	United Kingdom	Disposal Site	IS241	Workington Anchorage	Unknown	EMODnet	178	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
98	United Kingdom	Disposal Site	IS251	Silloth B	Unknown	EMODnet	198	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
99	United Kingdom	Disposal Site	IS591	Belfast Dredgings C	Unknown	EMODnet	97	Unknown	Tier 1	Yes	Yes	Unknown	x	Unknown	Unknown	Yes	No - no likely receptor-impact pathway, and substantial distance from the Planning Application	No	No	
111	Ireland	Dredging	S0033-01	Dublin Port Company	Dublin Harbour Capital Dredging Project	<a href="https://www.docklands.dublinport.ie/terminals/view/isp/propn/S0033-01">https://www.docklands.dublinport.ie/terminals/view/isp/propn/S0033-01</a>	58	Consented	Tier 1	Yes	Yes	17/12/2024	31/03/2030	x	✓	✓	Yes	No - no potential for receptor-impact pathway	N/A	No
112	Ireland	Dredging	S0037-01	Wicklow County Council	Maintenance dredging of Wicklow Port	<a href="https://www.docklands.dublinport.ie/terminals/view/isp/propn/S0037-01">https://www.docklands.dublinport.ie/terminals/view/isp/propn/S0037-01</a>	115	Planning (Applied 19/04/2024)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	N/A	No
113	Ireland	Dredging	S0038-01	Dublin Port Company	Capital Dredging for 3FM Project	<a href="https://www.docklands.dublinport.ie/terminals/view/isp/propn/S0038-01">https://www.docklands.dublinport.ie/terminals/view/isp/propn/S0038-01</a>	58	Planning (Applied 11/20/2024)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	N/A	No
116	N Ireland	Marine Disposal	ML2023040	Warrenpoint Harbour	Maintenance dredging of the narrow channel turning basin and berths within Warrenpoint Harbour	<a href="https://www.docklands.dublinport.ie/terminals/view/isp/propn/S0033-01">https://www.docklands.dublinport.ie/terminals/view/isp/propn/S0033-01</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	x	x	x	Yes	No - no temporal overlap	N/A	No
125	Ireland	Navigational dredging (maintenance)	MUL230026	Wicklow County Council	Maintenance dredging of the narrow channel turning basin and berths within Wicklow Port, -	<a href="https://www.marineminerudular.ie/applications/mul/mul230026">https://www.marineminerudular.ie/applications/mul/mul230026</a>	96	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
130	United Kingdom	Dredging Point	786	Castletown Bay, Isle of Man	Celtic Sea	EMODnet	92	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No potential for receptor-impact pathway	No	No
137	United Kingdom	Dredging Point	809	Kilkee	Celtic Sea	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No potential for receptor-impact pathway	No	No
138	United Kingdom	Dredging Poles	811	Lagan River/Belfast Lough	Celtic Sea	EMODnet	78	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No potential for receptor-impact pathway	No	No
140	United Kingdom	Dredging Point	813	Port of Liverpool	Celtic Sea	EMODnet	91	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No potential for receptor-impact pathway	No	No
154	United Kingdom	Dredging Point	838	Port St. Mary, Isle of Man	Celtic Sea	EMODnet	88	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No potential for receptor-impact pathway	No	No
168	Wales	Deposit and Removal	CML2312	Robert Wynn & Sons Ltd	Beach landing at Black Rock Seabed	NRW	184	Unknown	Tier 1	Yes	Yes	05/04/2023	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	No	No
169	Wales	Removal	CML2311	MareesConnect Ltd	Intertidal (Rocky Seabed) Survey	NRW	59	Unknown	Tier 1	Yes	Yes	12/10/2023	31/12/2025	x	x	x	No	No - no potential for receptor-impact pathway	N/A	No
170	Wales	Construction, Deposit, Removal	CML2332	Gwynedd Council	Recreation area: erect, recognise and recall new drainage network	NRW	186	Unknown	Tier 1	Yes	Yes	27/02/2024	01/04/2026	x	x	x	No	No - no potential for receptor-impact pathway	N/A	No
172	Wales	Construction, Deposit, Removal	CML2339	Ancala Water Services (Estates) Ltd	RAF Valley Tidal Flap	NRW	122	Unknown	Tier 1	Yes	Yes	27/09/2023	01/09/2028	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
173	Wales	Construction, Deposit, Removal	CML2339	Ancala Water Services (Estates) Ltd	RAF Valley Tidal Flap	NRW	122	Unknown	Tier 1	Yes	Yes	28/09/2023	01/09/2028	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
174	Wales	Construction, Deposit, Removal	CML2339	Ancala Water Services (Estates) Ltd	RAF Valley Tidal Flap	NRW	123	Unknown	Tier 1	Yes	Yes	29/09/2023	01/09/2028	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
178	Wales	Construction and Deposit	CML2350	Liverpool Bay CCS Limited	Trenchless crossing of the River Dee in relation to HyNet	NRW	218	Unknown	Tier 1	Yes	Yes	24/04/2024	31/12/2023	x	✓	✓	Yes	Deposit/Coastal construction project no piling outside of 50km. No potential for receptor-impact effects for marine mammals	No	No
179	Wales	Construction	CML2356	Morgan Sindall Construction and Infrastructure Ltd	Sewer repair/alteration	NRW	147	Unknown	Tier 1	Yes	Yes	23/11/2023	22/11/2024	x	x	x	No	No - no potential for receptor-impact pathway	N/A	No
180	Wales	Construction	CML2359	MPH Construction Ltd	Alton Wren Sheet Pile Repairs	NRW	159	Unknown	Tier 1	Yes	Yes	18/04/2024	17/04/2025	x	x	x	No	No - no potential for receptor-impact pathway	N/A	No
181	Wales	Construction	CML2370	Conwy County Borough Council	Tidal Valve replacement	NRW	161	Unknown	Tier 1	Yes	Yes	15/02/2024	14/02/2025	x	✓	✓	No	No - no potential for receptor-impact pathway	N/A	No
182	Wales	Construction	CML2371	Conwy County Borough Council	Morda Drive Tidal Flap Valve Replacement	NRW	161	Unknown	Tier 1	Yes	Yes	16/02/2024	15/02/2025	x	✓	✓	No	No - no potential for receptor-impact pathway	N/A	No
183	Wales	Construction	CML2371	Conwy County Borough Council	Morda Drive Tidal Flap Valve Replacement	NRW	161	Unknown	Tier 1	Yes	Yes	16/02/2024	15/02/2025	x	✓	✓	No	No - no potential for receptor-impact pathway	N/A	No
184	Wales	Removal	CML2373	North Wales Wildlife Trust	Spurnies Abergeben Outfall	NRW	150	Unknown	Tier 1	Yes	Yes	05/02/2024	28/02/2025	x	✓	✓	No	No - no potential for receptor-impact pathway	N/A	No
185	Wales	Construction	CML2374	Bangor City Council	Bangor Pier Refreshishment	NRW	147	Unknown	Tier 1	Yes	Yes	07/05/2024	31/03/2026	x	✓	✓	No	No - no potential for receptor-impact pathway	N/A	No
186	Wales	Construction	CML2374	Bangor City Council	Bangor Pier Refreshishment	NRW	148	Unknown	Tier 1	Yes	Yes	07/05/2024	31/03/2026	x	✓	✓	No	No - no potential for receptor-impact pathway	N/A	No
190	Wales	Construction	CML2407	Christopher L Blackham	Replacement of existing sea wall with new concrete and concrete construction and remedial works to an embankment and promenade	NRW	146	Unknown	Tier 1	Yes	Yes	26/06/2024	01/08/2025	x	x	x	No	No - no potential for receptor-impact pathway	N/A	No
194	Wales	Construction	CML2427	Eric Wright Water Limited	Installation of Framework at Beach Road Sewage Pumping Station	NRW	147	Unknown	Tier 1	Yes	Yes	26/06/2024	30/05/2025	x	x	x	No	No - no potential for receptor-impact pathway	N/A	No
199	Wales	Construction	CML2437	MPH Construction Ltd	Replacement of Permanaise Tidal Flaps	NRW	157	Unknown	Tier 1	Yes	Yes	01/10/2025	30/11/2024	x	x	x	No	No - no potential for receptor-impact pathway	N/A	No
200	Wales	Construction	CML2463	MPH Construction Ltd.	Replacement of Penmonaise Tidal Flaps	NRW	194	Unknown	Tier 1	Yes	Yes	05/10/2024	01/11/2025	x	x	x	No	No - no potential for receptor-impact pathway	N/A	No
208	Wales	Deposit	DEM1284	ElGrid PLC	East West Interconnect remedial works	NRW	71	Unknown	Tier 1	Yes	Yes	31/01/2024	30/05/2025	x	✓	✓	No	No	N/A	No
209	Wales	Deposit	DEM1235	Gwynedd Council	beach management	NRW	190	Unknown	Tier 1	Yes	Yes	11/04/2024	10/04/2029	x	✓	✓	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
210	Wales	Deposit	DEM1240	The Crown Estate	NRW	280	Unknown	Tier 1	Yes	Yes	23/04/2024	25/08/2025	x	x	x	No	No	N/A	No	
218	Wales	Removal	RML2363	Exploratory Borehole at Beach Road Pumping Station	NRW	147	Unknown	Tier 1	Yes	Yes	04/12/2023	10/11/2024	x	x	x	No	No	N/A	No	
223	Wales	Removal	RML2412	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SOB1	NRW	100	Unknown	Tier 1	Yes	Yes	03/05/2024	16/11/2024	x	x	x	No	No	N/A	No
224	Wales	Removal	RML2412	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SOB1	NRW	79	Unknown	Tier 1	Yes	Yes	03/05/2024	18/12/2024	x	✓	✓	No	No	N/A	No
225	Wales	Removal	RML2413	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SOB2	NRW	88	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	x	✓	✓	No	No	N/A	No
226	Wales	Removal	RML2413	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SOB2	NRW	63	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	x	✓	✓	No	No	N/A	No
237	Wales	Removal	RML2444	Mona Offshore Wind Limited	Mona Offshore Wind Limited 2024 Deep Geotechnical Survey	NRW	130	Unknown	Tier 1	Yes	Yes	18/09/2024	17/09/2025	x	x	x	No	No	N/A	No

Other Development Details										Stage 1		Stage 2									
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023)	Tier	Within ZOF	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project		Temporal overlap with construction (as described in Stage 1)	Temporal overlap with operation (as described in Stage 1)	Further Consideration required because potential for significant impact?	Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other factors?	Progress to Stage 3?
												Start date	Licence Expiration Date	Overlap with Planning Authority Boundary	Overlap with construction (as described in Stage 1)						
239	Wales	Construction	CML 1843	NRW	Repair and improve sea defence revetment	NRW	188	Unknown	Tier 1	Yes	Yes	06/02/2019	31/12/2054	✗	✓	✓	✓	Yes	No. Coastal construction project (no piling). Limited extent of impacts therefore no potential for receptor-impact pathway	N/A	No
240	Ireland	Port/Marine Infrastructure	314487	Minister for Agriculture, Food, and the Marine	Dredging of harbour, reclamation of land, construction of slipway, embankment and rock armour, Howth Fishery Harbour	<a href="https://www.gov.ie/en/consultations/nibaldyouth-harbour-dredging/">https://www.gov.ie/en/consultations/nibaldyouth-harbour-dredging/</a>	51	Consented (30/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	No - no potential for receptor-impact pathway	N/A	No
241	Ireland	Port/Marine Infrastructure	320250	Dublin Port Company	3FM Project - Construction of Lo-Lo container terminal, Ro-Ro terminal and other work	<a href="https://www.dublinport.ie/masterplan2030/">https://www.dublinport.ie/masterplan2030/</a>	54	Planning (Applied on 23/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	No. Port construction project (no piling). Limited extent of impacts therefore no potential for receptor-impact pathway	N/A	No
243	Ireland	Port/ Marine Infrastructure	MAC2030012	Kish Offshore Wind Limited & Bray Offshore Wind Limited	ORE O&M facility in St. Michael's Pier, Dun Laoghaire Harbour	<a href="https://www.marlineregulator.ie/content/uploads/2024/01/MAC2012-2012-Amendment-A-reduced.pdf">https://www.marlineregulator.ie/content/uploads/2024/01/MAC2012-2012-Amendment-A-reduced.pdf</a>	61	Consented	Tier 2	Yes	Yes	30/10/2024	30/10/2069	✗	✓	✓	✓	Yes	No. Harbour construction project (no piling). Limited extent of impacts therefore no potential for receptor-impact pathway	N/A	No
244	Ireland	Port/ Marine Infrastructure	MAC2030005	Imrood Eireann/Irish Rail	ORE O&M facility in Rosslare Europort	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	> 100	MAC Consent	Tier 2	Yes	Yes	02/07/2025	02/07/2085	✗	✓	✓	✓	Yes	✓. Not enough data. Port/ marine infrastructure project outside of 50km north of the site, therefore no cumulative effects for marine mammals.	N/A	No
245	Ireland	Port/ Marine Infrastructure	MAC240020	Dun Laoghaire Rathdown County Council, Kish Offshore Wind and Bray Offshore Wind Limited	ORE O&M Facility and additional works for Dun Laoghaire Harbour	<a href="https://www.marlineregulator.ie/content/uploads/2024/01/MAC240-020-Amendment-A-reduced.pdf">https://www.marlineregulator.ie/content/uploads/2024/01/MAC240-020-Amendment-A-reduced.pdf</a>	61	Consented	Tier 2	Yes	Yes	12/11/2024	12/11/2069	✗	✓	✓	✓	Yes	No. Port construction project (no piling). Limited extent of impacts therefore no potential for receptor-impact pathway	N/A	No
246	N Ireland	Marine Construction	ML2022003	Louth County Council	Narrow Water Bridge Project	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	21	Consented	Tier 1	Yes	Yes	29/03/2024	28/03/2027	✗	✗	✗	✗	No	No temporal overlap	N/A	No
248	N Ireland	Marine Construction	ML2023029	North Channel Wind Limited	Marine Survey to inform location and design of offshore windfarm and cable route	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	101	Consented	Tier 1	Yes	Yes	01/04/2025	01/04/2028	✗	✗	✗	✗	No	No temporal overlap	N/A	No
249	N Ireland	Marine Construction	ML2024009	TI LiC Limited	Ground survey work to inform location and design of interconnector between NI and Scotland	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	88	Consented	Tier 1	Yes	Yes	22/01/2025	22/01/2026	✗	✗	✗	✗	No	No temporal overlap	N/A	No
250	N Ireland	Marine Construction	ML2024011	Northern Ireland Water	Newcastle Central Promenade	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	30	Consented	Tier 1	Yes	Yes	11/11/2024	11/11/2025	✗	✗	✗	✗	No	No temporal overlap	N/A	No
252	N Ireland	Marine Construction	ML2024027	Translink NIR	Improve Sea defences in Carrickfergus	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	88	Consented	Tier 1	Yes	Yes	08/04/2025	07/04/2026	✗	✗	✗	✗	No	No temporal overlap	N/A	No
253	N Ireland	Marine Construction	ML2024030	Bangor Marine Limited	Construction of outfall pipe for storm drainage in Bangor Marina	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	84	Consented	Tier 1	Yes	Yes	24/03/2025	23/03/2026	✗	✗	✗	✗	No	No temporal overlap	N/A	No
254	Ireland	Water Pipeline Projects	MAC20240008	Ulcea Eireann	Upgrade of Water Main Infrastructure beneath River Boyne, Drogheda	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	Located in River Boyne, no potential for receptor-impact pathway.	N/A	No
257	UK	ORE Projects - Windfarm Cables	-	North Hoyle Wind Farm Limited	North Hoyle	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	179	Operational	Tier 1	Yes	Unknown	Unknown	✗	✗	✓	✓	Yes	No - operational project therefore considered as part of the baseline	N/A	No	
258	UK	ORE Projects - Windfarm Cables	-	Rhyl Flats Wind Farm Limited	Rhyl Flats	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	167	Operational	Tier 1	Yes	Yes	Production began 02/09/21	Estimated site life 2031 to 2041	✗	✓	✓	✓	Yes	No - operational project therefore considered as part of the baseline	N/A	No
259	UK	ORE Projects - Windfarm Cables	-	Awey Y Mor Offshore Wind Farm Limited	Awey Y Mor OFTO	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	161	Consented	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	No - potential receptor-impact pathway	N/A	No
260	UK	ORE Projects - Windfarm Cables	-	Awey Y Mor Offshore Wind Farm Limited	Awey Y Mor OWF Cable	<a href="https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/">https://www.marlineregulator.ie/our-work/maritime-area-consents/permissions-received/</a>	182	Consented	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	No - potential receptor-impact pathway	N/A	No
267	Ireland	ORE Projects	321635	Aklow Energy Limited	Aklow Back Wind Park Phase1	<a href="https://www.marlineregulator.ie/applications/321635/">https://www.marlineregulator.ie/applications/321635/</a>	100	Planning to Decommission	Tier 3	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	Screened out based on low data confidence	N/A	No
269	Ireland	ORE Site Investigations	LIC230001	North Irish Sea Array Limited	Site investigation activities to inform the location of the NISA offshore windfarm and export cable of the coast of Dublin, Meath and Louth	<a href="https://www.marlineregulator.ie/applications/lic230001/">https://www.marlineregulator.ie/applications/lic230001/</a>	16	MUL	Tier 1	Yes	Yes	02/08/2024	02/08/2031	✗	✓	✓	✓	Yes	Yes		Yes
270	Ireland	ORE Site investigations	MUL230034	Coding Wind Park Limited (CWPL)	Survey mobilisations to inform location and detailed design of the proposed Coding Wind Park, including O&M base and other associated works in Dublin	<a href="https://www.marlineregulator.ie/applications/mul230034/">https://www.marlineregulator.ie/applications/mul230034/</a>	56	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	Likely no change to magnitude of impacts - for site investigation surveys, the impact assessment assumes additional surveys taking place alongside Oriel St. Will need to identify these new SI surveys though, and then conclude no difference based on the approach of the max 2 additional SI surveys.		Yes
273	Ireland	Site Investigations	LIC230007	Dublin City Council	Environmental survey and ground investigation work to inform the design of proposed Portlaoise and Tom Clarke Widening Project - Dublin	<a href="https://www.marlineregulator.ie/applications/lic230007/">https://www.marlineregulator.ie/applications/lic230007/</a>	55	MUL	Tier 1	Yes	Yes	25/06/2025	25/06/2027	✗	✗	✗	✗	No	No temporal overlap	N/A	No
276	Ireland	Site Investigations	MUL240008	MaresConnect Ltd	Site investigation surveys to assess various factors associated with the interconnection project - Dublin	<a href="https://www.marlineregulator.ie/applications/mul240008/">https://www.marlineregulator.ie/applications/mul240008/</a>	37	MUL	Tier 1	Yes	Yes	30/06/2025	30/06/2030	✗	✓	✓	✓	Yes	Likely no change to magnitude of impacts - for site investigation surveys, the impact assessment assumes additional surveys taking place alongside Oriel St. Will need to identify these new SI surveys though, and then conclude no difference based on the approach of the max 2 additional SI surveys.		Yes
277	Ireland	Site Investigations	MUL240023	Iarnrod Eireann	Geotechnical investigation, ground water surveys, ecology and marine assessments to inform design options for the proposed East Coast Offshore Wind Protection Projects (ECORP), Dublin to Wicklow	<a href="https://www.marlineregulator.ie/applications/mul240023/">https://www.marlineregulator.ie/applications/mul240023/</a>	58	MUL	Tier 1	Yes	Yes	22/10/2025	22/10/2031	✗	✓	✓	✓	Yes	Likely no change to magnitude of impacts - for site investigation surveys, the impact assessment assumes additional surveys taking place alongside Oriel St. Will need to identify these new SI surveys though, and then conclude no difference based on the approach of the max 2 additional SI surveys.		Yes
278	Ireland	Site Investigations	MUL240011	Bremore Ireland Port Designated Activity Company (BIPDAC)	Site investigations to inform the location and design of a proposed port infrastructure in Dublin and Meath	<a href="https://www.marlineregulator.ie/applications/mul240011/">https://www.marlineregulator.ie/applications/mul240011/</a>	6	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	Likely no change to magnitude of impacts - for site investigation surveys, the impact assessment assumes additional surveys taking place alongside Oriel St. Will need to identify these new SI surveys though, and then conclude no difference based on the approach of the max 2 additional SI surveys.		Yes
285	Ireland	Site Investigations	MUL240010	EirGrid	Site investigations to inform design and environmental assessment of Electrical Cable Crossing Dublin Bay	<a href="https://www.marlineregulator.ie/applications/mul240010/">https://www.marlineregulator.ie/applications/mul240010/</a>	55	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	Likely no change to magnitude of impacts - for site investigation surveys, the impact assessment assumes additional surveys taking place alongside Oriel St. Will need to identify these new SI surveys though, and then conclude no difference based on the approach of the max 2 additional SI surveys.		Yes
287	UK	Surface Infrastructure	PLATFORM	CHRYSAOR HOLDINGS	ACCOMMODATION PLATFORM AP1	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	Screened out based on low data confidence (and likelihood of no receptors) and no potential for receptor-impacted pathway	N/A	No
288	UK	Surface Infrastructure	TERMINAL	unknown	BARRONI/FURNES GAS TERMINAL	NSTA	188	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	No - no potential for receptor-impacted pathway	N/A	No

Other Development Details										Stage 1		Stage 2								
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023)	Tier	Within Zon?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project		Further Consideration required because potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other factors?	Progress to Stage 3?	
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (as of 08/02/2023)	Temporal overlap with operation (as of 08/02/2023)				
289	UK	Surface Infrastructure	TERMINAL	unknown	BRAYMORE POINT	NSTA	22	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - terrestrial terminal. No potential for receptor-impact pathway	N/A	No
290	UK	Surface Infrastructure	PLATFORM	HARBOUR ENERGY PLC	CALDER	NSTA	156	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
291	UK	Surface Infrastructure	BUOY	CEFAS	CELTIC DEEP GUARD BUOY KFB20/2012 AREAS	NSTA	301	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
293	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	CENTRAL PRODUCTION PLTFM DP1	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
294	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	CONWY PLATFORM	NSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
295	UK	Surface Infrastructure	TERMINAL	unknown	CORSEWALL POINT	NSTA	126	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
296	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DA	NSTA	167	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
297	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DP	NSTA	167	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
298	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DW	NSTA	167	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
299	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	DP4 PLATFORM	NSTA	162	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
300	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	DP6 PLATFORM	NSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
301	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	DP8 PLATFORM	NSTA	158	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
302	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	DRILLING PLATFORM DP1	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
303	UK	Surface Infrastructure	TERMINAL	unknown	DUNROD POINT	NSTA	158	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
307	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	FLARE TRIPOD	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
308	UK	Surface Infrastructure	TERMINAL	unknown	GLEN MOON	NSTA	101	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
309	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	HAMILTON	NSTA	174	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
310	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	HAMILTON NORTH	NSTA	171	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
312	UK	Surface Infrastructure	TERMINAL	unknown	ISLAND MAGEE	NSTA	103	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
313	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	LENNOX	NSTA	191	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
314	UK	Surface Infrastructure	BUOY	CEFAS	LIVERPOOL BAY BUOY KFB 07/2012	NSTA	181	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
315	UK	Surface Infrastructure	BUOY	CEFAS	LIVERPOOL BAY SMART BUOY KFB20/2012 AREAS	NSTA	182	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
318	UK	Surface Infrastructure	TERMINAL	unknown	LOUGHSHINNY	NSTA	36	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - terrestrial terminal. No potential for receptor-impact pathway	N/A	No
317	UK	Surface Infrastructure	PLATFORM	HARBOUR ENERGY PLC	MILLION WEST	NSTA	143	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
318	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	MILLION WEST PLATFORM	NSTA	143	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
319	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	NORTH MORECAMBE PLATFORM	NSTA	155	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
320	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	NORTH MORECAMBE DP1	NSTA	155	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
321	UK	Surface Infrastructure	FPSO	ENI UK LIMITED	OSI (OFFSHORE STORAGE INST.)	NSTA	166	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Screened out based on low data confidence (and likelihood of no receptor-impact pathway)	N/A	No
322	UK	Surface Infrastructure	TERMINAL	unknown	POINT OF AYR	NSTA	189	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
325	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	SOUTH MORECAMBE API	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
326	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	SOUTH MORECAMBE API	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
327	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	SOUTH MORECAMBE DP1	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
328	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	SOUTH MORECAMBE DP3	NSTA	163	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
329	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	SOUTH MORECAMBE DP4	NSTA	162	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
330	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	SOUTH MORECAMBE DP6	NSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
331	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	SOUTH MORECAMBE DP8	NSTA	158	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
332	UK	Surface Infrastructure	PLATFORM	SPRIT ENERGY	SOUTH MORECAMBE FL5	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
334	Ireland	Coastal Infrastructure	MAC20240007	Fingal County Council	Coastal Protection including Flood Embankment, Flora Wall and other works	<a href="https://www.marlinregulator.ie/wp-content/uploads/2024/05/202501_20_MAC_MarlinRegulator_20240007.pdf">https://www.marlinregulator.ie/wp-content/uploads/2024/05/202501_20_MAC_MarlinRegulator_20240007.pdf</a>	39	MAC Consent	Tier 2	Yes	Yes	28/07/2025	28/07/2026	x	x	x	Yes	No. Low data confidence - screened out.	N/A	No
340	Ireland	Storm Outfall	MAC240028	Dublin City Council	Outfall at St John's Rogerson's Quay part of the Grand Canal Docks Storm Water Outfall Extension	<a href="https://www.marlinregulator.ie/wp-content/uploads/2024/07/MAC_MarlinRegulator_20240028.pdf">https://www.marlinregulator.ie/wp-content/uploads/2024/07/MAC_MarlinRegulator_20240028.pdf</a>	55	MAC Consent	Tier 2	Yes	Yes	17/07/2025	14/07/2026	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
342	Ireland	Recreation facility	MAC2030015	Dún Laoghaire - Rathdown County Council	Installation of Water Park, Dún Laoghaire Harbour	<a href="https://www.marlinregulator.ie/wp-content/uploads/2024/07/MAC_MarlinRegulator_20240015.pdf">https://www.marlinregulator.ie/wp-content/uploads/2024/07/MAC_MarlinRegulator_20240015.pdf</a>	61	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
360	Ireland	Research	MUL240026	Uisce Eireann	Strategic Modelling study of water currents and bathymetry, South Coast of Ireland (Waterford, Wexford)	<a href="https://www.marlinregulator.ie/applications/mul240026">https://www.marlinregulator.ie/applications/mul240026</a>	> 100	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	Likely no change in magnitude of impacts - for site investigation surveys, the impact assessment assumes two additional surveys taking place in the Oriel area. Oriel will need to identify these new surveys through the approach of the max 2 additional SI surveys.	Yes	Yes
352	Ireland	Aquaculture	MUL230032	University College Dublin	Introduction of Native Oysters to nearshore sites with eco-engineered habitat units, Dublin Coast	<a href="https://www.marlinregulator.ie/applications/mul230032">https://www.marlinregulator.ie/applications/mul230032</a>	50	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
353	Ireland	Research	MUL240004	Dublin City University	Benthic surveys across Bouy, Dún Laoghaire Coast	<a href="https://www.marlinregulator.ie/applications/mul240004">https://www.marlinregulator.ie/applications/mul240004</a>	62	Withdrawn/MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	No	No temporal overlap	N/A	No
355	N Ireland	Research	ML2024031	DAERA, Marine conservation Reporting	Eelstock Acoustic Monitoring Project	<a href="https://www.marlinregulator.ie/applications/ml2024031">https://www.marlinregulator.ie/applications/ml2024031</a>	23	Consented	Tier 1	Yes	Yes	07/06/2025	31/05/2028	x	x	x	No	No temporal overlap	N/A	No
356	Ireland	Farm	IE_0172	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
357	Ireland	Farm	IE_1092	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No
358	Ireland	Farm	IE_1031	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	x	x	Yes	No - no potential for receptor-impact pathway	N/A	No

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023)	Tier	Within Zof?	Progress to Stage 2?	Stage 1		Stage 2						
												Licensable Period		Spatial/temporal overlap with Project		Further Consideration required because of potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other factors?	Progress to Stage 3?	
												Start date	Licence Expiration Date	Overlap with Planning Authority Boundary	Temporal overlap with construction (as of 08/02/2023)					
359	Ireland	Farm	IE_1118	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
360	Ireland	Farm	IE_1050	Oysters	-	EMODnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
361	Ireland	Farm	IE_1063	Mussels	-	EMODnet	14	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
362	Ireland	Farm	IE_1068	Mussels	-	EMODnet	15	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
363	Ireland	Farm	IE_1071	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
364	Ireland	Farm	IE_0629	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
365	Ireland	Farm	IE_0655	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
366	Ireland	Farm	IE_0656	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
367	Ireland	Farm	IE_0657	Mussels	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
368	Ireland	Farm	IE_0654	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
369	Ireland	Farm	IE_0927	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
370	Ireland	Farm	IE_0674	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
371	Ireland	Farm	IE_0639	Mussels	-	EMODnet	17	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
372	Ireland	Farm	IE_0999	Oysters,Clams	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
373	Ireland	Farm	IE_0988	Oysters,Clams	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
374	Ireland	Farm	IE_0949	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
375	Ireland	Farm	IE_0981	Oysters	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
376	Ireland	Farm	IE_0003	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
377	Ireland	Farm	IE_0504	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
378	Ireland	Farm	IE_0498	Oysters,Clams	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
379	Ireland	Farm	IE_0491	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
380	Ireland	Farm	IE_0964	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
381	Ireland	Farm	IE_0495	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
382	Ireland	Farm	IE_0969	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
383	Ireland	Farm	IE_0483	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
384	Ireland	Farm	IE_0484	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
385	Ireland	Farm	IE_0485	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
386	Ireland	Farm	IE_0481	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
387	Ireland	Farm	IE_0489	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
388	Ireland	Farm	IE_0173	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
389	Ireland	Farm	IE_1094	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
390	Ireland	Farm	IE_0276	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
391	Ireland	Farm	IE_0277	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No - no potential for receptor-impact pathway	N/A	No
The following have been updated since the initial search																				
392	Ireland	Cables	MAC240013	ESB	Replacement of high voltage underground cables (North Strand to Poolbeg, Dublin)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
393	Ireland	Road Infrastructure	MAC20230034	NTA	Proposed road development as part of the N11/Centre Core Bus Corridor Scheme (Ringend to City Gate)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
395	Ireland	Cables	MAC240061	ESB	Installation of an electrical transmission circuit including a new substation within the near-shore area between Blackrock and Dublin Bay	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
396	Ireland	Bridge Infrastructure	MAC240014	Dublin City Council	Construction of a pedestrian and cyclist bridge (Point Bridge) and the Tom Clarke Bridge (widening of Tom Clarke Bridge, dismantling of existing bridge and construction of new bridge structure)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	55	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
397	Ireland	Coastal Infrastructure	MAC20230009	láróid Eireann (IE)	Coastal Protection (Meron Gates to Seapoint Beach, Dublin)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
398	Ireland	Coastal Infrastructure	MAC250028	láróid Eireann (IE)	Coastal Protection (Whinock Beach to South Kilney, Dublin)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
399	Ireland	Coastal Infrastructure	MAC250029	láróid Eireann (IE)	Coastal Protection (Bray Head to Greystones North Beach, Wicklow)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
400	Ireland	Coastal Infrastructure	MAC250030	láróid Eireann (IE)	Coastal Protection (Kilcock to Newcastle, Wicklow)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
401	Ireland	Coastal Infrastructure	MAC250031	láróid Eireann (IE)	Coastal Protection (Newcastle to Wicklow Head, Wicklow)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
403	Ireland	Coastal Infrastructure	MAC250027	Dún Laoghaire Rathdown County Council	Regularisation of preexisting Pontoons (Dún Laoghaire, Dublin)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	61	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
404	Ireland	Bridge Infrastructure	MAC240051	láróid Eireann	The construction of a pedestrian and cyclist bridge and a remediate bouldering (Fingalton)	<a href="https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marlinregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No

Other Development Details									Stage 1		Stage 2										
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 04/2023-03/2024)	Tier	Within ZOF?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect? Yes/No	Other factors? If no, please provide justification	Prog to Stage 3/4	
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with operation (Q3 2023 - Q3/2024)	Temporal overlap with operation (Q4 2023-Q1 2025)	Temporal overlap with operation (Q2 2024-Q4 2024)				
407	Ireland	Research	MUL240028	University College Cork	To co-deploy passive acoustic monitoring devices (PMADs) – 10 in the western Irish Sea and southern Celtic Sea on existing and new Offshore Lighting (COL) infrastructure to identify the broad scale movements of electronically tagged marine species (sharks, skates and rays).	<a href="https://www.maritimeregulator.ie/applications/mu240028/">https://www.maritimeregulator.ie/applications/mu240028/</a>	>100	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
409	Ireland	Site Investigations	MUL250003	Dún Laoghaire Rathdown County Council	Marine environmental baseline surveys – pre-site investigation – to undertake a suite of marine surveys to determine whether to feasibly the potential future dredging of the Dublin Bay area.	<a href="https://www.maritimeregulator.ie/applications/licence-application-mul250003/">https://www.maritimeregulator.ie/applications/licence-application-mul250003/</a>	62	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
410	Ireland	Site Investigations	MUL250013	Ulisce Eireann	Greater Dublin Drainage Project (Baldoyle Bay and the Irish Sea)	<a href="https://www.maritimeregulator.ie/applications/mu250013/">https://www.maritimeregulator.ie/applications/mu250013/</a>	>55	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	No - no potential for receptor-impact pathway	No	No
412	Irish of Man	CBF Projects - Workflows	-	Oiled	Irish of Man	<a href="https://oiled.marineregulator.ie/">https://oiled.marineregulator.ie/</a>	>180 km	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Yes	No	Yes

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023 - 2023)	Tier	Within Zon?	Progress to Stage 2?	Stage 1		Stage 2		Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	If no, please provide justification	Other factors?	Progress to Stage 3/4						
												Licensable Period		Spatial/temporal overlap with Project												
												Start date	License Expiration Date	Overlap with Oriel Application Boundary	Temporal overlap with Oriel Application Boundary (Q3-2023 - 2023 - 2088) 04/2028 - C1/2030											
88	United Kingdom	Disposal Site	IS043	Holyhead North	Unknown	EMODnet	102	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
89	United Kingdom	Disposal Site	IS055	Conwy	Unknown	EMODnet	161	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
90	United Kingdom	Disposal Site	IS102	Mostyn Deep (maintenance)	Unknown	EMODnet	192	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
91	United Kingdom	Disposal Site	IS110	Merssey (garston site)	Unknown	EMODnet	216	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
92	United Kingdom	Disposal Site	IS140	Site Z	Unknown	EMODnet	185	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
93	United Kingdom	Disposal Site	IS170	Morecambe Bay: Lune Deep	Unknown	EMODnet	194	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
94	United Kingdom	Disposal Site	IS182	Lune River B	Unknown	EMODnet	208	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
95	United Kingdom	Disposal Site	IS200	Morecambe Bay B	Unknown	EMODnet	198	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
96	United Kingdom	Disposal Site	IS205	Barrow D	Unknown	EMODnet	185	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
97	United Kingdom	Disposal Site	IS241	Workington Anchorage	Unknown	EMODnet	178	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
98	United Kingdom	Disposal Site	IS251	Silloth B	Unknown	EMODnet	198	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
99	United Kingdom	Disposal Site	IS591	Belfast Dredgings C	Unknown	EMODnet	97	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
101	United Kingdom	Disposal Site	LU010	Paddostow Bay	Unknown	EMODnet	371	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
102	United Kingdom	Disposal Site	LU070	Portishead	Unknown	EMODnet	346	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
103	United Kingdom	Disposal Site	LU080	Avonmouth (inner)	Unknown	EMODnet	347	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
104	United Kingdom	Disposal Site	LU110	Cardiff Grounds	Unknown	EMODnet	337	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
105	United Kingdom	Disposal Site	LU115	Merkur Buoy	Unknown	EMODnet	340	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
106	United Kingdom	Disposal Site	LU130	Swansea Bay (outer)	Unknown	EMODnet	300	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
107	United Kingdom	Disposal Site	LU140	Newport	Unknown	EMODnet	338	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
108	United Kingdom	Disposal Site	LU190	Neyland (off Milford Haven)	Unknown	EMODnet	254	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
109	United Kingdom	Disposal Site	MA545	Portsmouth Bay B	Unknown	EMODnet	154	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
110	United Kingdom	Disposal Site	MA581	Camlough A	Unknown	EMODnet	117	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Yes	Disposal site, not relevant to offshore ornithology	No	No							
111	Ireland	Dredging	S0033-01	Dublin Port Company	Dublin Harbour Capital Dredging Project	<a href="https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=5033-01">https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=5033-01</a>	58	Consented	Tier 1	Yes	Yes	17/12/2024	31/03/2030	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No						
112	Ireland	Dredging	S0037-01	Wicklow County Council	Maintenance dredging of Wicklow Port	<a href="https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=5037-01">https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=5037-01</a>	115	Planning (Applied 19/04/2024)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No						
113	Ireland	Dredging	S0038-01	Dublin Port Company	Capital dredging for 3FM Project	<a href="https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=5038-01">https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=5038-01</a>	58	Planning (Applied 11/20/2024)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No						
114	Ireland	Dredging	S0039-01	Port of Cork Company	Dredging as part of Quay at Ringsend/Kidney West	<a href="https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=5039-01">https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=5039-01</a>	> 100	Planning (Applied 17/12/2024)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No						
115	Ireland	Dredging	FS007482	Department of Defence	Dredging at Haulbowline Naval Base Co. Cork	<a href="https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=507482">https://www.dredge.ie/legislation/our-DaSs-view.aspx?legisID=507482</a>	> 100	Planning	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No						
116	N.Ireland	Marine Disposal	ML2029040	Warrenpoint Harbour	Sea disposal of dredging material from Warrenpoint Harbour	<a href="https://www.dredge.ie/publications/licenses/licence-mi2029040-sea-disposal-warrenpoint-harbour">https://www.dredge.ie/publications/licenses/licence-mi2029040-sea-disposal-warrenpoint-harbour</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	✗	✗	✗	No	No temporal overlap	No	No						
117	N.Ireland	Dredging	ML2024018	Causeway Coast and Glens Borough Council	Dredging of Ballycastle Harbour	<a href="https://www.dredge.ie/publications/licenses/licence-mi2024018-and-sea-disposal-ballycastle-harbour">https://www.dredge.ie/publications/licenses/licence-mi2024018-and-sea-disposal-ballycastle-harbour</a>	140	Planning	Tier 1	Yes	Yes	08/04/2025	07/04/2028	✗	✗	✗	No	No temporal overlap	No	No						
118	N.Ireland	Disposal	ML2024019	Causeway Coast and Glens Borough Council	Disposal of dredge material to Ballycastle B sea disposal site	<a href="https://www.dredge.ie/publications/licenses/licence-mi2024019-and-sea-disposal-ballycastle-b-sea-disposal-site">https://www.dredge.ie/publications/licenses/licence-mi2024019-and-sea-disposal-ballycastle-b-sea-disposal-site</a>	142	Planning	Tier 1	Yes	Yes	08/04/2025	07/04/2028	✗	✗	✗	No	No temporal overlap	No	No						
119	N.Ireland	Dredging	ML2024020	Causeway Coast and Glens Borough Council	Dredging of Portrush Harbour	<a href="https://www.dredge.ie/publications/licenses/licence-mi2024020-and-sea-disposal-portrush-harbour">https://www.dredge.ie/publications/licenses/licence-mi2024020-and-sea-disposal-portrush-harbour</a>	145	Planning	Tier 1	Yes	Yes	04/03/2025	12/02/2028	✗	✗	✗	No	No temporal overlap	No	No						
120	N.Ireland	Disposal	ML2024021	Causeway Coast and Glens Borough Council	Disposal of Dredge material to Portstewart Bay-B sea disposal site	<a href="https://www.dredge.ie/publications/licenses/licence-mi2024021-and-sea-disposal-portstewart-bay-b-sea-disposal-site">https://www.dredge.ie/publications/licenses/licence-mi2024021-and-sea-disposal-portstewart-bay-b-sea-disposal-site</a>	154	Planning	Tier 1	Yes	Yes	04/03/2025	12/02/2028	✗	✗	✗	No	No temporal overlap	No	No						
121	N.Ireland	Dredging	ML2024022	Causeway Coast and Glens Borough Council	Dredging of Ballintoy Harbour	<a href="https://www.dredge.ie/publications/licenses/licence-mi2024022-and-sea-disposal-ballintoy-harbour">https://www.dredge.ie/publications/licenses/licence-mi2024022-and-sea-disposal-ballintoy-harbour</a>	146	Planning	Tier 1	Yes	Yes	03/09/2025	02/08/2028	✗	✗	✗	No	No temporal overlap	No	No						
122	N.Ireland	Disposal	ML2024023	Causeway Coast and Glens Borough Council	Disposal of dredge material to adjacent beach for beach nourishment	<a href="https://www.dredge.ie/publications/licenses/licence-mi2024023-and-sea-disposal-adjacent-beach-nourishment">https://www.dredge.ie/publications/licenses/licence-mi2024023-and-sea-disposal-adjacent-beach-nourishment</a>	145	Planning	Tier 1	Yes	Yes	03/09/2025	02/08/2026	✗	✗	✗	No	No temporal overlap	No	No						
123	Ireland	Dredging	MAC2023004	Port of Cork Company	Capital Dredging of berths at Ringsend/Kidney East & West	<a href="https://www.merinerelator.ie/legislation/maritime-area-contents/applications/received">https://www.merinerelator.ie/legislation/maritime-area-contents/applications/received</a>	> 100	MAC Consent	Tier 2	Yes	Yes	08/02/2025	06/02/2036	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No						
124	Ireland	Navigational dredging (maintenance)	LIC230025	Port of Waterford Company	Maintenance dredging of accumulated sediments to maintain the port's navigational trade areas. - Waterford	<a href="https://www.merinerelator.ie/legislation/maritime-area-contents/applications/received">https://www.merinerelator.ie/legislation/maritime-area-contents/applications/received</a>	> 100	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No						
125	Ireland	Navigational dredging (maintenance)	MUL230026	Wicklow County Council	Maintenance dredging of the navigation channel, turning basin and adjacent berths at Wicklow Port - Wicklow	<a href="https://www.merinerelator.ie/legislation/maritime-area-contents/applications/received">https://www.merinerelator.ie/legislation/maritime-area-contents/applications/received</a>	96	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No						

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023 - 2023)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2		Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect? If no, please provide justification	Other factors?	Progress to Stage 3/4				
												Licensable Period		Spatial/temporal overlap with Project									
												Start date	Licence Expiration Date	Overlap with Oriel Application Boundary	Temporal overlap with Oriel Application Boundary (Q3-2023 – 2023) 04/2028 – C1 2030	Temporal overlap with Oriel Application Boundary (2023 – 2088) 04/2028 – C1 2030							
126	Ireland	Navigational dredging (maintenance)	MUL20029	Department of Defence	Maintenance dredging of the entrance channel and the southern part of the Graving Dock, Cork	<a href="https://www.maritimeregulator.ie/a-publications/mul20029/">https://www.maritimeregulator.ie/a-publications/mul20029/</a>	> 100	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
127	United Kingdom	Dredging Point	777	Avon River	Celtic Sea	EMODnet	352	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
128	United Kingdom	Dredging Point	778	Bann River	Celtic Sea	EMODnet	142	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
129	United Kingdom	Dredging Point	784	Camel River	Celtic Sea	EMODnet	378	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
130	United Kingdom	Dredging Point	786	Castletown Bay, Isle of Man	Celtic Sea	EMODnet	92	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
131	United Kingdom	Dredging Point	788	Clyde River	Celtic Sea	EMODnet	240	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
132	United Kingdom	Dredging Point	789	Conwy River	Celtic Sea	EMODnet	161	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
133	United Kingdom	Dredging Point	793	Dee River	Celtic Sea	EMODnet	199	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
134	United Kingdom	Dredging Point	794	Douglas Harbour, Isle of Man	Celtic Sea	EMODnet	105	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
135	United Kingdom	Dredging Point	797	Falmouth	Celtic Sea	EMODnet	418	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
136	United Kingdom	Dredging Point	798	Firth Of Clyde	Celtic Sea	EMODnet	190	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
137	United Kingdom	Dredging Point	809	Kilkeel	Celtic Sea	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
138	United Kingdom	Dredging Point	811	Lagan River/Belfast Lough	Celtic Sea	EMODnet	78	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
139	United Kingdom	Dredging Point	814	Loch Nevis	Celtic Sea	EMODnet	342	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
140	United Kingdom	Dredging Point	815	Loch Ryan	Celtic Sea	EMODnet	129	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
141	United Kingdom	Dredging Point	816	Loch Sorsay, Isle of Rhum	Celtic Sea	EMODnet	341	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
142	United Kingdom	Dredging Point	817	Loughor River	Celtic Sea	EMODnet	279	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
143	United Kingdom	Dredging Point	819	Luce Bay	Celtic Sea	EMODnet	128	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
144	United Kingdom	Dredging Point	820	Lune River	Celtic Sea	EMODnet	209	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
145	United Kingdom	Dredging Point	822	Mersey River	Celtic Sea	EMODnet	212	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
146	United Kingdom	Dredging Point	823	Mersey River/Liverpool Bay	Celtic Sea	EMODnet	206	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
147	United Kingdom	Dredging Point	824	Milford Haven	Celtic Sea	EMODnet	251	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
148	United Kingdom	Dredging Point	827	Morecambe Bay	Celtic Sea	EMODnet	204	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
149	United Kingdom	Dredging Point	828	Mounts Bay	Celtic Sea	EMODnet	423	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
150	United Kingdom	Dredging Point	829	Neath River	Celtic Sea	EMODnet	292	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
151	United Kingdom	Dredging Point	830	Neath River/Swansea Bay	Celtic Sea	EMODnet	293	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
152	United Kingdom	Dredging Point	834	Peel Harbour Isle of Man	Celtic Sea	EMODnet	93	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
153	United Kingdom	Dredging Point	835	Pembroke	Celtic Sea	EMODnet	254	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
154	United Kingdom	Dredging Point	838	Port St. Mary, Isle of Man	Celtic Sea	EMODnet	86	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
155	United Kingdom	Dredging Point	839	Portnaugh Bay/Ryan Loch	Celtic Sea	EMODnet	129	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
156	United Kingdom	Dredging Point	847	Severn Estuary	Celtic Sea	EMODnet	338	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
157	United Kingdom	Dredging Point	849	Solway Firth	Celtic Sea	EMODnet	179	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
158	United Kingdom	Dredging Point	855	Swansea	Celtic Sea	EMODnet	291	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
159	United Kingdom	Dredging Point	856	Taff River/Severn Estuary	Celtic Sea	EMODnet	333	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
160	United Kingdom	Dredging Point	867	Usk River	Celtic Sea	EMODnet	333	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
161	United Kingdom	Dredging Point	872	Wye River	Celtic Sea	EMODnet	199	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
162	Ireland	Cables	FS007540	Keith Archer/ Private Individual	Installation of submarine electrical cable, Rosslare Island to Spanish Island, Cork	<a href="https://www.gov.uk/government/publications/2027540-keith-archer-installation-of-submarine-electrical-cable">https://www.gov.uk/government/publications/2027540-keith-archer-installation-of-submarine-electrical-cable</a>	> 100	Planning	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Onshore/mearshore installation - not relevant to offshore ornithology	No	No			
163	Ireland	Cables	MAC2023006	Electricity Supply Board (ESB)	Undersea cable within River Barrow, New Ross, Wexford	<a href="https://www.esb.ie/our-businesses/electricity-supply-board-and-new-energy/businesses-and-operations/permits-and-licences/received/">https://www.esb.ie/our-businesses/electricity-supply-board-and-new-energy/businesses-and-operations/permits-and-licences/received/</a>	> 100	MAC Consent	Tier 2	Yes	Yes	08/07/2025	08/07/2070	✗	✓	✓	Yes	Onshore/mearshore installation - not relevant to offshore ornithology	No	No			

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023 - 2023)	Tier	Within Zon?	Progress to Stage 2?	Stage 1		Stage 2						
												Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	Other factors?	Progress to Stage 3/4
												Start date	License Expiration Date	Overlap with Oriel Application Boundary	Temporal overlap with Oriel (Q3-2023 – 2023) 04/2023 – 2088 (Q3-2023 – 2088)	Temporal overlap with Oriel (2023 – 2030)				
164	Ireland	Cables	MAC24021	Electricity Supply Board (ESB)	Installation of electricity underground cable from Great Island to Belview (Hibernian)	<a href="https://www.marineresequator.ie/o/ir/work/maritime-area-consents/applications/received/">https://www.marineresequator.ie/o/ir/work/maritime-area-consents/applications/received/</a>	> 100	MAC Consent	Tier 2	Yes	Yes	25/09/2025	25/07/2070	✗	✓	✓	Yes	Onshore/mearshore installation - not relevant to offshore ornithology	No	No
165	Ireland	Cables	MAC24030	Amazon MCS Ireland Ltd.	Beaufort telecommunications fibre optic cable between Kilmore Quay, Wexford and Dublin	<a href="https://www.marineresequator.ie/o/ir/work/maritime-area-consents/applications/received/">https://www.marineresequator.ie/o/ir/work/maritime-area-consents/applications/received/</a>	> 100	MAC Consent	Tier 2	Yes	Yes	26/11/2025	26/11/2060	✗	✓	✓	Yes	Cables outside of close proximity (50 km) to Oriel	No	No
166	Ireland	Cables	MAC24025	Keith Archer/ Private Individual	Electric cable from mainland to private dwelling	<a href="https://www.marineresequator.ie/o/ir/work/maritime-area-consents/applications/received/">https://www.marineresequator.ie/o/ir/work/maritime-area-consents/applications/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Onshore/mearshore installation - not relevant to offshore ornithology	No	No
167	Ireland	Cables	LIC23003	Apollo Submarine Cable System Limited	2Africa Submarine Cable System proposed installation and operation - Irish EEZ	<a href="https://www.marineresequator.ie/o/ir/applications/lic23003/">https://www.marineresequator.ie/o/ir/applications/lic23003/</a>	378	Consented	Tier 1	Yes	Yes	28/06/2024	27/06/2049	✗	✓	✓	Yes	Cables outside of close proximity (50 km) to Oriel	No	No
168	Wales	Deposit and Removal	CML2312	Robert Wynn & Sons Ltd	Beach landing at Black Rock Sands	NRW	164	Unknown	Tier 1	Yes	Yes	08/04/2023	Unknown	✗	Unknown	Unknown	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No
169	Wales	Removal	CML2331	MaresConnect Ltd	Interconnector Seated Survey	NRW	59	Unknown	Tier 1	Yes	Yes	12/10/2023	31/12/2025	✗	✗	✗	No	No temporal overlap	No	No
170	Wales	Construction, Deposit, Removal	CML2332	Gwynedd Council	Repair of sea wall, erect floodgates and install new drainage	NRW	186	Unknown	Tier 1	Yes	Yes	27/02/2024	01/04/2026	✗	✗	✗	No	No temporal overlap	No	No
171	Wales	Construction	CML2333	Kaymac Marine & Civil Engineering Ltd	Newport Efficient Outfall Replacement Works	NRW	335	Unknown	Tier 1	Yes	Yes	01/03/2024	03/09/2029	✗	✓	✗	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No
172	Wales	Construction, Deposit, Removal	CML2339	Ancilla Water Services (Estates) Ltd	RAF Valley Tidal Flap	NRW	122	Unknown	Tier 1	Yes	Yes	27/09/2023	01/09/2028	✗	✗	✗	No	No temporal overlap	No	No
173	Wales	Construction, Deposit, Removal	CML2339	Ancilla Water Services (Estates) Ltd	RAF Valley Tidal Flap	NRW	122	Unknown	Tier 1	Yes	Yes	28/09/2023	01/09/2028	✗	✗	✗	No	No temporal overlap	No	No
174	Wales	Construction, Deposit, Removal	CML2339	Ancilla Water Services (Estates) Ltd	RAF Valley Tidal Flap	NRW	123	Unknown	Tier 1	Yes	Yes	28/09/2023	01/09/2028	✗	✗	✗	No	No temporal overlap	No	No
175	Wales	Construction and Removal	CML2345	Pembrokeshire County Council	Lower Town Lifeguard Slipway Removal	NRW	223	Unknown	Tier 1	Yes	Yes	23/04/2023	15/10/2024	✗	✗	✗	No	N/A	No	No
176	Wales	Construction and Deposit	CML2346	Ceredigion County Council	Glan Y Mor Public Right of Way (PRoW) Footbridge Maintenance and Erosion Control	NRW	208	Unknown	Tier 1	Yes	Yes	08/11/2023	14/12/2024	✗	✗	✗	No	N/A	No	No
177	Wales	Construction and Deposit	CML2346	Ceredigion County Council	Glan Y Mor Public Right of Way (PRoW) Footbridge Maintenance and Erosion Control	NRW	208	Unknown	Tier 1	Yes	Yes	08/11/2023	14/12/2024	✗	✗	✗	No	N/A	No	No
178	Wales	Construction and Deposit	CML2350	Liverpool Bay CCS Limited	Trenchless crossing of the River Dee in relation to CCS	NRW	218	Unknown	Tier 1	Yes	Yes	24/04/2024	31/12/2032	✗	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No
179	Wales	Construction	CML2356	Morgan Sindall Construction and Infrastructure Ltd	Sewer reparation	NRW	147	Unknown	Tier 1	Yes	Yes	23/11/2023	22/11/2024	✗	✗	✗	No	N/A	No	No
180	Wales	Construction	CML2359	MPH Construction Ltd	Afon Wen Sheet Pile Repairs	NRW	159	Unknown	Tier 1	Yes	Yes	18/04/2024	17/04/2025	✗	✗	✗	No	N/A	No	No
181	Wales	Construction	CML2370	Conwy County Borough Council	Tidal Valve replacement	NRW	161	Unknown	Tier 1	Yes	Yes	15/02/2024	14/02/2025	✗	✗	✗	No	N/A	No	No
182	Wales	Construction	CML2371	Conwy County Borough Council	Morfa Drive Tidal Flap Valve Replacement	NRW	161	Unknown	Tier 1	Yes	Yes	16/02/2024	15/02/2025	✗	✗	✗	No	N/A	No	No
183	Wales	Construction	CML2371	Conwy County Borough Council	Morfa Drive Tidal Flap Valve Replacement	NRW	161	Unknown	Tier 1	Yes	Yes	16/02/2024	15/02/2025	✗	✗	✗	No	N/A	No	No
184	Wales	Removal	CML2373	North Wales Wildlife Trust	Sprinns Almond Outfall Clearance	NRW	150	Unknown	Tier 1	Yes	Yes	05/02/2024	28/02/2025	✗	✗	✗	No	N/A	No	No
185	Wales	Construction	CML2374	Banor City Council	Banor Pier Refurbishment	NRW	147	Unknown	Tier 1	Yes	Yes	07/05/2024	31/03/2026	✗	✗	✗	No	N/A	No	No
186	Wales	Construction	CML2374	Banor City Council	A4068 drainage clearance and flap valve replacement	NRW	146	Unknown	Tier 1	Yes	Yes	07/05/2024	31/03/2026	✗	✗	✗	No	N/A	No	No
187	Wales	Construction	CML2377	South Wales Trunk Road Agency	A465 Cydchylod Underbridge Sourf Repair and Protection	NRW	338	Unknown	Tier 1	Yes	Yes	04/04/2024	06/02/2025	✗	✗	✗	No	N/A	No	No
188	Wales	Construction	CML2401	NRW	Rhymney Great Wharf Harbour Wall and Polders Enhancement Project	NRW	333	Unknown	Tier 1	Yes	Yes	29/04/2024	28/04/2025	✗	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No
189	Wales	Construction and Removal	CML2403	Kaymac Marine Ltd	Morfa culvert remediation works	NRW	287	Unknown	Tier 1	Yes	Yes	03/05/2024	31/10/2025	✗	✗	✗	No	N/A	No	No
190	Wales	Construction	CML2407	Christopher L Blackham	Replacement of existing sea wall with new precast concrete construction and removal of existing concrete structures	NRW	146	Unknown	Tier 1	Yes	Yes	26/06/2024	01/08/2026	✗	✗	✗	No	N/A	No	No
191	Wales	Construction	CML2408	Newport City Council	Newport Transporter Bridge River Wall works	NRW	331	Unknown	Tier 1	Yes	Yes	24/02/2024	23/05/2026	✗	✗	✗	No	N/A	No	No
192	Wales	Construction	CML2416	Puma Energy	Port Talbot Safety Maintenance	NRW	251	Unknown	Tier 1	Yes	Yes	06/04/2024	04/04/2026	✗	✗	✗	No	N/A	No	No
193	Wales	Construction, Deposit, Removal	CML2422	Natural Resources Wales	Chapel Reef Offshore Reefs	NRW	336	Unknown	Tier 1	Yes	Yes	04/07/2024	31/10/2025	✗	✗	✗	No	N/A	No	No
194	Wales	Construction	CML2427	Eric Wright Water Limited	Installation of Framework at Beach Road Sewage Pumping Station	NRW	147	Unknown	Tier 1	Yes	Yes	26/08/2024	30/05/2025	✗	✗	✗	No	N/A	No	No
195	Wales	Construction	CML2430	Conwy County Borough Council	Conwy Coastal Defence extension CM1210	NRW	166	Unknown	Tier 1	Yes	Yes	11/04/2024	15/05/2026	✗	✗	✗	No	N/A	No	No
196	Wales	Construction	CML2437	South Wales Trunk Road Agency	A465 Cydchylod Underbridge Sourf Repair and Protection	NRW	290	Unknown	Tier 1	Yes	Yes	14/08/2024	15/08/2025	✗	✗	✗	No	N/A	No	No
197	Wales	Construction	CML2442	Amalgamated Construction Ltd	Pwll Sea Wall Void Repairs	NRW	276	Unknown	Tier 1	Yes	Yes	14/09/2024	04/09/2026	✗	✗	✗	No	N/A	No	No
198	Wales	Construction	CML2445	Amalgamated Construction Ltd	St Julian's Bay Bridge bolt replacement and repair	NRW	328	Unknown	Tier 1	Yes	Yes	26/07/2024	25/07/2026	✗	✗	✗	No	N/A	No	No
199	Wales	Construction	CML2457	MPH Construction Ltd	Replacement of Pembsnewr Tidal Flaps	NRW	157	Unknown	Tier 1	Yes	Yes	01/10/2025	30/11/2024	✗	✗	✗	No	N/A	No	No
200	Wales	Construction	CML2463	MPH Construction Ltd.	Replacement of Pembsnewr Tidal Flaps	NRW	194	Unknown	Tier 1	Yes	Yes	05/10/2024	01/10/2025	✗	✗	✗	No	N/A	No	No
201	Wales	Dredge and Beneficial Use	DML2340	Giesco Ltd	NRW	257	Unknown	Tier 1	Yes	Yes	24/04/2024	20/05/2025	✗	✗	✗	No	N/A	No	No	
202	Wales	Dredge and/or Disposal	DML2352	Cardiff Harbour Authority	Cardiff Bay Maintenance Dredging	NRW	334	Unknown	Tier 1	Yes	Yes	05/01/2024	31/12/2033	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No
203	Wales	Dredge and/or Disposal	DML2352	Cardiff Harbour Authority	Cardiff Bay Maintenance Dredging	NRW	334	Unknown	Tier 1	Yes	Yes	05/01/2024	31/12/2033	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No
204	Wales	Dredge and/or Disposal	DML2352	Cardiff Harbour Authority	Cardiff Bay Maintenance Dredging	NRW	334	Unknown	Tier 1	Yes	Yes	05/01/2024	31/12/2033	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No
205	Wales	Dredge and/or Disposal	DML2352	Cardiff Harbour Authority	Cardiff Bay Maintenance Dredging	NRW	334	Unknown	Tier 1	Yes	Yes	05/01/2024	31/12/2033	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No
206	Wales	Dredge and/or Disposal	DML2354	Pembrokeshire County Council	Maintenance dredge at Terby Harbour	NRW	263	Unknown	Tier 1	Yes	Yes	07/03/2024	17/12/2028	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No
207	Wales	Dredge and/or Disposal	DML2354	Pembrokeshire County Council	Maintenance dredge at Terby Harbour	NRW	262	Unknown	Tier 1	Yes	Yes	07/03/2024	17/12/2028	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No
208	Wales	Deposit	DML2364	EirGrid PLC	East West Interconnector remedial works	NRW	71	Unknown	Tier 1	Yes	Yes	31/01/2024	30/06/2025	✗	✗	✗	No	N/A	No	No
209	Wales	Deposit	DML2375	Gwynedd Council	beach management	NRW	190	Unknown	Tier 1	Yes	Yes	11/04/2024	10/04/2029	✗	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No
210	Wales	Deposit	DML2406	The Crown Estate	NRW	260	Unknown	Tier 1	Yes	Yes	13/04/2024	25/08/2023	✗	✗	✗	No	N/A	No	No	

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023 - 2023)	Tier	Within Zon?	Progress to Stage 2?	Stage 1		Stage 2						Further Consideration required because of significant spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	If no, please provide justification	Other factors?	Progress to Stage 3/4				
												Licensable Period		Spatial/temporal overlap with Project				Overlap with Oriel Application Boundary	Temporal overlap with Oriel Application Boundary (Q3-2023 - 2023 - 2088) (2023 - 2088) (2088)	Temporal overlap with Oriel Application Boundary (Q3-2023 - 2023 - 2088) (2023 - 2088) (2088)								
												Start date	License Expiration Date	Overlap with Project	Temporal overlap with Project	Overlap with Project	Temporal overlap with Project											
211	Wales	Deposit	EXML2454	Llandudno Town Council	Llandudno Annual Fireworks Display	NRW	160	Unknown	Tier 1	Yes	Yes	01/11/2024	02/11/2025	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
212	Wales	Removal	RML2103	Ocean Ecology Limited	Grain Samphire	NRW	140	Unknown	Tier 1	Yes	Yes	04/09/2025	04/04/2026	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
214	Wales	Removal	RML2349	Abertayneth Seawall Investigation Trial Pits	Abertayneth Seawall Investigation Trial Pits	NRW	209	Unknown	Tier 1	Yes	Yes	01/11/2023	01/11/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
215	Wales	Removal	RML2349	Abertayneth Seawall Investigation Trial Pits	Abertayneth Seawall Investigation Trial Pits	NRW	210	Unknown	Tier 1	Yes	Yes	01/11/2023	01/11/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
216	Wales	Deposit and Removal	RML2351	Port Talbot Offshore Wind Farm	Port Talbot Offshore Wind Farm	NRW	333	Unknown	Tier 1	Yes	Yes	28/11/2023	27/11/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
217	Wales	Removal	RML2362	Geophysical Investigations	Geophysical Investigations	NRW	253	Unknown	Tier 1	Yes	Yes	20/07/2025	20/07/2026	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
218	Wales	Removal	RML2363	Exploratory Borehole at Beach Road Pumping Station	Exploratory Borehole at Beach Road Pumping Station	NRW	147	Unknown	Tier 1	Yes	Yes	04/12/2023	10/11/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
219	Wales	Removal	RML2386	NRW	NRW	250	Unknown	Tier 1	Yes	Yes	04/09/2024	04/09/2025	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No					
220	Wales	Removal	RML2368	ABP Marine Environmental Research Limited	Port Talbot Inner Dock Grab Sampling	NRW	298	Unknown	Tier 1	Yes	Yes	01/01/2024	31/12/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
221	Wales	Removal	RML2369	NRW	Neath Port Talbot	Neath Port Talbot	NRW	298	Unknown	Tier 1	Yes	Yes	20/04/2024	20/04/2025	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No			
222	Wales	Removal	RML2404	Llyn Floating Wind Limited	Grab samples Llyn offshore wind array	NRW	256	Unknown	Tier 1	Yes	Yes	15/02/2024	11/02/2025	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
223	Wales	Removal	RML2412	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SOBR1	NRW	100	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
224	Wales	Removal	RML2412	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SOBR1	NRW	79	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
225	Wales	Removal	RML2413	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SOBR2	NRW	88	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
226	Wales	Removal	RML2413	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SOBR2	NRW	63	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
227	Wales	Removal	RML2414	McMahon Design & Management Limited	Marine Survey & Site Investigation Works Tuskar	NRW	223	Unknown	Tier 1	Yes	Yes	03/02/2024	03/12/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
228	Wales	Removal	RML2414	McMahon Design & Management Limited	Marine Survey & Site Investigation Works Tuskar	NRW	216	Unknown	Tier 1	Yes	Yes	04/05/2024	04/12/2024	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
229	Wales	Removal	RML2419	The Crown Estate	Pre-Consent Geophysical Surveys in the Celtic Sea	NRW	270	Unknown	Tier 1	Yes	Yes	18/02/2024	22/02/2025	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
230	Wales	Removal	RML2419	The Crown Estate	Pre-Consent Geophysical Surveys in the Celtic Sea	NRW	294	Unknown	Tier 1	Yes	Yes	24/02/2024	22/02/2025	✗	✗	✗	✗	✗	✗	✗	✗	N/A	No	No				
231	Wales	Removal	RML2420	ABP	Port Talbot Marine Ground Investigations	NRW	298	Unknown	Tier 1	Yes	Yes	10/02/2024	01/07/2027	✗	✗	✗	✗	✗	✗	✗	✗	No temporal overlap	No	No				
232	Wales	Removal	RML2420	ABP	Port Talbot Marine Ground Investigations	NRW	298	Unknown	Tier 1	Yes	Yes	10/09/2024	01/07/2027	✗	✗	✗	✗	✗	✗	✗	✗	No temporal overlap	No	No				
233	Wales	Removal	RML2420	ABP	Port Talbot Marine Ground Investigations	NRW	298	Unknown	Tier 1	Yes	Yes	10/09/2024	01/07/2027	✗	✗	✗	✗	✗	✗	✗	✗	No temporal overlap	No	No				
234	Wales	Removal	RML2435	Crown Estates UK Limited	Geophysical Surveys in Welsh Waters (Grab Sampling)	NRW	270	Unknown	Tier 1	Yes	Yes	18/06/2024	01/06/2025	✗	✗	✗	✗	✗	✗	✗	✗	Yes	N/A	No				
235	Wales	Removal	RML2435	Crown Estates UK Limited	Geophysical Surveys in Welsh Waters (Grab Sampling)	NRW	294	Unknown	Tier 1	Yes	Yes	18/06/2024	01/06/2025	✗	✗	✗	✗	✗	✗	✗	✗	Yes	N/A	No				
236	Wales	Removal	RML2443	McMahon Design & Management Limited	Neath Port Talbot Offshore Wind Farm & Site Investigation work	NRW	333	Unknown	Tier 1	Yes	Yes	14/09/2024	13/09/2025	✗	✗	✗	✗	✗	✗	✗	✗	Yes	N/A	No				
237	Wales	Removal	RML2444	Mona Offshore Wind Limited	Mona Offshore Wind Farm 2024 Deep Geophysical Survey	NRW	130	Unknown	Tier 1	Yes	Yes	18/09/2024	17/09/2025	✗	✗	✗	✗	✗	✗	✗	✗	Yes	N/A	No				
238	Wales	Removal	RML2447	University College Cork	Celtic Submerged Landscapes Project 2024	NRW	260	Unknown	Tier 1	Yes	Yes	21/02/2024	07/10/2024	✗	✗	✗	✗	✗	✗	✗	✗	Yes	N/A	No				
239	Wales	Construction	CML1843	NRW	Repair and improve sea defences/revetments	NRW	188	Unknown	Tier 1	Yes	Yes	06/02/2019	31/12/2054	✗	✓	✓	✓	✓	✓	✓	✓	Yes	Onshore/offshore works not relevant to offshore ornithology	No				
240	Ireland	Port/Marine Infrastructure	314487	Minister for Agriculture, Food and the Marine	Dredging of harbour, reclamations of land, construction of slipway, embankment and rock armour, and/or a safety Harbour Centre	<a href="https://www.gov.ie/en/consultations/planning-with-harbour-dredging/">https://www.gov.ie/en/consultations/planning-with-harbour-dredging/</a>	51	Consented (30/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	✓	✓	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
241	Ireland	Port/Marine Infrastructure	320250	Dublin Port Company	3FM Project - Construction of Lu Linn Ferry Terminal, Ro-Ro Freight Terminal and other work	<a href="https://www.dublinport.ie/masterplan/20m/">https://www.dublinport.ie/masterplan/20m/</a>	54	Planning (Applied on 23/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	✓	✓	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No			
242	Ireland	Port/Marine Infrastructure	MAC2023001	Port of Waterford Company, Belview Port, Waterford	ORE O&M facility in Belview Port	<a href="https://www.marine.ie/ore-consents/applications-received/">https://www.marine.ie/ore-consents/applications-received/</a>	> 100	MAC Consent	Tier 2	Yes	Yes	16/08/2025	16/08/2026	✗	✓	✓	✓	✓	✓	✓	✓	Yes	Onshore/offshore works not relevant to offshore ornithology	No	No			
243	Ireland	Port/Marine Infrastructure	MAC2023012	Kish Offshore Wind Limited	ORE O&M facility in St. Michael's Pier, Dún Laoghaire Harbour	<a href="https://www.marine.ie/ore-consents/applications-received/">https://www.marine.ie/ore-consents/applications-received/</a>	61	MAC Consent	Tier 2	Yes	Yes	30/10/2024	30/10/2026	✗	✓	✓	✓	✓	✓	✓	✓	Yes	Onshore/offshore works not relevant to offshore ornithology	No	No			
244	Ireland	Port/Marine Infrastructure	MAC2023005	Iarnród Éireann/Irish Rail	ORE O&M facility in Rosslare Europort	<a href="https://www.marine.ie/ore-consents/applications-received/">https://www.marine.ie/ore-consents/applications-received/</a>	> 100	MAC Consent	Tier 2	Yes	Yes	02/07/2025	02/07/2026	✗	✓	✓	✓	✓	✓	✓	✓	Yes	Onshore/offshore works not relevant to offshore ornithology	No	No			
245	Ireland	Port/Marine Infrastructure	MAC204020	Dún Laoghaire Rathdown County Council, Kish Offshore Wind Limited, Bray Offshore Wind Limited	ORE O&M facility and construction of Lu Linn Ferry Terminal, Ro-Ro Freight Terminal and other work	<a href="https://www.marine.ie/ore-consents/applications-received/">https://www.marine.ie/ore-consents/applications-received/</a>	61	MAC Consent	Tier 2	Yes	Yes	12/11/2024	12/11/2026	✗	✓	✓	✓	✓	✓	✓	✓	Yes	Onshore/offshore works not relevant to offshore ornithology	No	No			
246	N.Ireland	Marine Construction	ML202203	Louth County Council	Narrow Water Bridge Project	<a href="https://www.gov.uk/government/publications/narrow-water-bridge-project">https://www.gov.uk/government/publications/narrow-water-bridge-project</a>	21	Consented	Tier 1	Yes	Yes	29/03/2024	28/03/2027	✗	✗	✗	✗	✗	✗	✗	✗	No	No temporal overlap	No	No			
247	N.Ireland	Marine Construction	ML2023017	LSS Oil Terminal	LSS Jetty Lough Foyle	<a href="https://www.gov.uk/government/publications/lss-jetty-lough-foyle-construction-licence-m2023017">https://www.gov.uk/government/publications/lss-jetty-lough-foyle-construction-licence-m2023017</a>	140	Consented	Tier 1	Yes	Yes	20/05/2025	20/05/2026	✗	✗	✗	✗	✗	✗	✗	✗	No	No temporal overlap	No	No			
248	N.Ireland	Marine Construction	ML2023029	North Channel Wind Limited	Marine Surveys to inform location and design of offshore windfarm and cable route	<a href="https://www.gov.uk/government/publications/m2023029-marine-construction-licence-underake-marine-survey-works-m2023029">https://www.gov.uk/government/publications/m2023029-marine-construction-licence-underake-marine-survey-works-m2023029</a>	101	Consented	Tier 1	Yes	Yes	01/04/2025	01/04/2028	✗	✗	✗	✗	✗	✗	✗	✗	No	No temporal overlap	No	No			
249	N.Ireland	Marine Construction	ML2024009	TI LirIC Limited	Ground survey work to inform a project interconnector between NI and Scotland	<a href="https://www.gov.uk/government/publications/marines-construction-licence-m2024009">https://www.gov.uk/government/publications/marines-construction-licence-m2024009</a>	88	Consented	Tier 1	Yes	Yes	22/01/2025	22/01/2026	✗	✗	✗	✗	✗	✗	✗	✗	No	No temporal overlap	No	No			
250	N.Ireland	Marine Construction	ML2024011	Northern Ireland Water	Newcastle Central Promenade	<a href="https://www.gov.uk/government/publications/marines-construction-licence-m2024011-newcastle-central-promenade-northern-ireland-water">https://www.gov.uk/government/publications/marines-construction-licence-m2024011-newcastle-central-promenade-northern-ireland-water</a>	30	Consented	Tier 1	Yes	Yes	11/11/2024	11/11/2025	✗	✗	✗	✗	✗	✗	✗	✗	No	No temporal overlap	No	No			
251	N.Ireland	Marine Construction	ML2024012	Causeway Coast & Glens Borough Council	Repair the existing slipway at Portballintrae Harbour by removing existing damaged areas	<a href="https://www.gov.uk/government/publications/marines-construction-licence-m2024012-portballintrae-causeway-coast-and-glens-borough-council">https://www.gov.uk/government/publications/marines-construction-licence-m2024012-portballintrae-causeway-coast-and-glens-borough-council</a>	144	Planning	Tier 1	Yes	Yes	Unknown	Unknown	✗	✗	✗	✗	✗	✗	✗	✗	Yes	Onshore/offshore works not relevant to offshore ornithology	No	No			
252	N.Ireland	Marine Construction	ML2024027	Translink NIR	Improve Sea defences in Carrickfergus	<a href="https://www.gov.uk/government/publications/marines-construction-licence-m2024027-improve-sea-defences-in-carrickfergus">https://www.gov.uk/government/publications/marines-construction-licence-m2024027-improve-sea-defences-in-carrickfergus</a>	88	Consented	Tier 1	Yes	Yes	08/04/2025	07/04/2026	✗	✗	✗	✗	✗	✗	✗	✗	No	No temporal overlap	No	No			

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023 - 2028)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2							
												Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	If no, please provide justification	Other factors?	Progress to Stage 3/4
												Start date	License Expiration Date	Overlap with Oriel Application Boundary	Temporal overlap with Oriel Application Boundary (Q3 2023 – 2025) - 04/2028 - C1 2030	Temporal overlap with Oriel Application Boundary (2023 – 2028) - 04/2028 - C1 2030					
253	N.Ireland	Marine Construction	ML2024030	Bangor Marine Limited	Construction of outlet pipe for storm drainage in Bangor Marina	<a href="https://www.dsirc.ie/gov.uk/publications/marine-construction-licences/ni2024030/">https://www.dsirc.ie/gov.uk/publications/marine-construction-licences/ni2024030/</a>	84	Consented	Tier 1	Yes	Yes	24/03/2025	23/03/2026	✗	✗	✗	No	No temporal overlap	No	No	
254	Ireland	Water Pipeline Projects	MAC2024008	Usce Eireann	Upgrade of Water Mains Infrastructure beneath River Boyne - Drogheda, Louth	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Onshore/maritime works - not relevant to offshore ornithology	No	No	
255	Ireland	Water Pipeline Projects	MAC240026	Usce Eireann	Construction of water main beneath the River Lee, Cork City	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Onshore/maritime works - not relevant to offshore ornithology	No	No	
256	UK	ORE Projects - Windfarm	-	Hexicon AB	TwinHub	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	387	Consented	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Yes	Yes	Yes	
257	UK	ORE Projects - Windfarm Cables	-	North Hoyle Wind Farm Limited	North Hoyle	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	179	Operational	Tier 1	Yes	Yes	Unknown	Unknown	✗	✗	✗	Yes	Project considered in 2023 C1	No	No	
258	UK	ORE Projects - Windfarm Cables	-	Rhyl Flats Wind Farm Limited	Rhyl Flats	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	167	Operational	Tier 1	Yes	Yes	Production began 02/2011	Estimated site life 2031 to 2041	✗	✓	✓	Yes	Considered part of the baseline in 2023 C1	No	No	
259	UK	ORE Projects - Windfarm Cables	-	Awei Y Mor Offshore Wind Farm Limited	Awei Y Mor OFTO	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	161	Consented	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No impact pathway for construction of cables	No	No	
260	UK	ORE Projects - Windfarm Cables	-	Awei Y Mor Offshore Wind Farm Limited	Awei Y Mor OWF Cable Crossing	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	162	Consented	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No impact pathway for construction of cables	No	No	
261	UK	ORE Projects - Windfarm Cables	-	Blue Gem Wind Limited	Erebos Transmission Asset	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	251	Planning	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No impact pathway for construction of cables	No	No	
262	UK	ORE Projects - Tidal	Wave Test Site	Pembroke Coastal Forum Community Interest Company	Milford Haven Estuary (META Phase 2) - East	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	249	Operational	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No data available	No	No	
263	UK	ORE Projects - Tidal	Wave and Floating Wind Test Site	Pembroke Coastal Forum Community Interest Company	Milford Haven Estuary (META Phase 2) - East	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	254	Operational	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No data available	No	No	
264	UK	ORE Projects - Tidal	Tidal Test Site	Pembroke Coastal Forum Community Interest Company	Milford Haven Estuary (META Phase 2) - Warrior Way	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	254	Operational	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No data available	No	No	
265	UK	ORE Projects - Windfarm	-	Marin Sea Wind Limited	Marin Sea Wind Limited	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	169	Pre-application	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No data available	No	No	
266	UK	ORE Projects - Tidal	-	Flex Marine Power Ltd	Dunraven/Sound of Islay	<a href="https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	208	Consented	Tier 1	Yes	Yes	24/08/2024	31/08/2029	✗	✓	✓	Yes	No data available	No	No	
267	Ireland	ORE Projects	321635	Arklow Energy Limited	Arklow Bank Wind Park Phaser 1	<a href="https://www.dsirc.ie/gov.uk/publications/marine-energy-projects/arklow-bank-wind-park-phaser-1/">https://www.dsirc.ie/gov.uk/publications/marine-energy-projects/arklow-bank-wind-park-phaser-1/</a>	100	Planning to Decommission	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No data available	No	No	
268	Ireland	ORE Projects	-	South Coast Designated Maritime Area Plan (DMAP)	Torn Nua	<a href="https://www.dsirc.ie/gov.uk/publications/marine-energy-projects/torn-nua-offshore-wind-farm/">https://www.dsirc.ie/gov.uk/publications/marine-energy-projects/torn-nua-offshore-wind-farm/</a>	> 100	Pre-application (ORESS Auction Result due Q2 2025)	Tier 1	Yes	Yes	N/A	N/A	✗	✓	✓	Yes	Screened out based on low data confidence	No	No	
269	Ireland	ORE Site Investigations	LIC230001	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and export cable of the coasts of Dublin, Meath and Louth	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/received/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/received/</a>	16	Consented	Tier 2	Yes	Yes	02/08/2024	02/08/2031	✗	✓	✓	Yes	Yes	Yes	Yes	
270	Ireland	ORE Site Investigations	MUL230034	Codling Wind Park Limited (CWPL)	Survey mobilisations to inform the location and details of the proposed Codling Wind Park OWF, export cable route, potential interconnection and other associated works - Dublin to Wicklow	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul230034/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul230034/</a>	56	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
271	Ireland	ORE Site Investigations	MUL240036	EirGrid	Marine Site Investigation to inform design and environmental requirements for 2 OSS in Torn Nua Area A, and other associated ORE infrastructure, Cork, Waterford and Wexford	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240036/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240036/</a>	> 100	MUL	Tier 2	Yes	Yes	10/07/2025	10/07/2030	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
272	Ireland	Site Investigations	LIC230013	Port of Waterford	ORE capacity query extension in the River Suir at the Port of Waterford	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/lic230013/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/lic230013/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
273	Ireland	Site Investigations	LIC230007	Dublin City Council	Environmental survey and geotechnical investigation in order to inform the design of proposed Point Bridge and Torn Clarke Widening - Portlaoise	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/lic230007/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/lic230007/</a>	55	MUL	Tier 2	Yes	Yes	25/06/2025	25/06/2027	✗	✗	✗	No	No temporal overlap	No	No	
274	Ireland	Site investigations	MUL240001	Apem Group	Survey works including PAM devices, boat-based line transects and subtidal surveys, Kerry	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240001/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240001/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
275	Ireland	Site investigations	MUL230001	Amazon MCS Ireland Ltd.	Geophysical survey and site investigations for a proposed transatlantic subsea fibre optic cable - Cork	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul230001/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul230001/</a>	> 100	MUL	Tier 2	Yes	Yes	22/04/2025	22/04/2026	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
276	Ireland	Site investigations	MUL240008	MaresConnect Ltd	Site investigations to assess various factors associated with the interconnector project - Dublin to Wicklow	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240008/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240008/</a>	37	MUL	Tier 2	Yes	Yes	30/09/2025	30/06/2030	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
277	Ireland	Site Investigations	MUL240023	Imridd Eireann	Geotechnical investigation, Geophysical site investigation surveys, bathymetry and marine archaeology to inform design options for the proposed East Coast Rail Infrastructure Protection Project (ECRPP), Dublin to Wicklow	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240023/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240023/</a>	58	MUL	Tier 2	Yes	Yes	22/10/2025	22/10/2031	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
278	Ireland	Site Investigations	MUL240011	Bremore Ireland Port Designated Activity Company (BPDAC)	Site investigations to inform the location and design of a proposed port infrastructure, Dublin and Meath	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240011/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240011/</a>	6	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
279	Ireland	Site Investigations	MUL240012	Usce Eireann	Marine environmental surveys to inform design of a WWTW and wastewater on marine environment - Donegal Bay - Donegal	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240012/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240012/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
280	Ireland	Site Investigations	MUL240035	Gas Networks Ireland, Cork Harbour	Marine survey to provide baseline data for site selection for the Strategic Gas Pipeline Reserve - Cork Harbour	<a href="https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240035/">https://www.marineregulator.ie/o/ir/working-marine-area-consents/applications/mul240035/</a>	> 100	MUL	Tier 2	Yes	Yes	18/06/2025	18/01/2027	✗	✗	✗	No	No temporal overlap	No	No	

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023 - 2023)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2								
												Licensable Period		Spatial/temporal overlap with Project				Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	If no, please provide justification	Other factors?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Oriel Application Boundary	Temporal overlap with Oriel Application Boundary (Q3 2023 – 2023) – (Q3 2023 – 2033) – (Q4 2023 – 2033) – (Q4 2023 – 2034)	Temporal overlap with Oriel Application Boundary (2023 – 2033) – (2023 – 2034)	Temporal overlap with Oriel Application Boundary (2023 – 2034)					
281	Ireland	Site Investigations	MUL240005	Allod Energy Ltd	Marine Geophysical Site Investigations in the Celtic Sea for possible hydrogen generation	<a href="https://www.marlimereregulator.ie/g/publications/mu/240005/">https://www.marlimereregulator.ie/g/publications/mu/240005/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No		
282	Ireland	Site Investigations	MUL240042 (previously FS007098)	Port of Cork Company	Marine Site survey work and site investigations, Dogrose Bank, Cork Bay, Whitegate	<a href="https://www.marlimereregulator.ie/g/publications/mu/240042/">https://www.marlimereregulator.ie/g/publications/mu/240042/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No		
283	Ireland	Site Investigations	MUL240046 (previously FS007503)	John Renos	Site investigation to obtain information for ecological assessment of subsea electrical connection from Rosslare to Horse Island, Cork	<a href="https://www.marlimereregulator.ie/g/publications/mu/240046/">https://www.marlimereregulator.ie/g/publications/mu/240046/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No		
284	Ireland	Site Investigations	MUL240047 (previously FS007562)	RNLJ Ireland	Site Investigation Work to inform the location of the RNLJ 1 jetty and berth, and inform disposal options of dredged material, Courtmasherry	<a href="https://www.marlimereregulator.ie/g/publications/mu/240047/">https://www.marlimereregulator.ie/g/publications/mu/240047/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No		
285	Ireland	Site Investigations	MUL240010	EirGrid	Site Investigations to inform design and environmental assessment of Electrical Cable Circuit crossing Dublin Bay	<a href="https://www.marlimereregulator.ie/g/publications/licence-application-mu/240010/">https://www.marlimereregulator.ie/g/publications/licence-application-mu/240010/</a>	55	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No		
286	Ireland	Site Investigations	MUL240003	Wexford County Council	Marine environmental survey in relation to dredging in River Barrow Estuary	<a href="https://www.marlimereregulator.ie/g/publications/mu/240003/">https://www.marlimereregulator.ie/g/publications/mu/240003/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No		
287	UK	Surface Infrastructure	PLATFORM	CHRYSAOR HOLDINGS	ACCOMMODATION PLATEFORM	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No		
288	UK	Surface Infrastructure	TERMINAL	unknown	BARROW-IN-FURNESS GAS TERMINAL	NSTA	188	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
289	UK	Surface Infrastructure	TERMINAL	unknown	BRAYMORE POINT	NSTA	22	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
290	UK	Surface Infrastructure	PLATFORM	HARBOUR ENERGY PLC	CALDER	NSTA	156	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Not applicable	No	No		
291	UK	Surface Infrastructure	BUOY	CEFAS	CELTIC DEEP GUARD BUOY KFB202/2012 AREAS	NSTA	301	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
292	UK	Surface Infrastructure	BUOY	CEFAS	CELTIC DEEP SMART BUOY KFB202/2012 AREAS	NSTA	301	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
293	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	CENTRAL PRODUCTION PLTFM CPP1	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
294	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	CONWY PLATFORM	NSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
295	UK	Surface Infrastructure	TERMINAL	unknown	CORSEWALL POINT	NSTA	128	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
296	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DA	NSTA	167	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
297	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DP	NSTA	167	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
298	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DW	NSTA	167	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
299	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	DP4 PLATFORM	NSTA	162	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
300	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	DP6 PLATFORM	NSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
301	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	DP8 PLATFORM	NSTA	158	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
302	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	DRILLING PLATFORM DP1	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
303	UK	Surface Infrastructure	TERMINAL	unknown	DUNROD POINT	NSTA	158	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
304	UK	Surface Infrastructure	BUOY	EMU LIMITED	ENGLISH CHANNEL WAVERIDER BUOY 1	NSTA	425	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
305	UK	Surface Infrastructure	BUOY	EMU LIMITED	ENGLISH CHANNEL WAVERIDER BUOY 2	NSTA	425	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
306	UK	Surface Infrastructure	BUOY	EMU LIMITED	ENGLISH CHANNEL WAVERIDER BUOY 3	NSTA	425	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
307	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	FLARE TRIPOD	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
308	UK	Surface Infrastructure	TERMINAL	unknown	GLEN MOAN	NSTA	101	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
309	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	HAMILTON	NSTA	174	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
310	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	HAMILTON NORTH	NSTA	171	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
311	UK	Surface Infrastructure	BUOY	CEFAS	HINKLEY POINT WAVERIDER BUOY KFB202/2012 AREAS	NSTA	355	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
312	UK	Surface Infrastructure	TERMINAL	unknown	ISLAND MAGEE	NSTA	103	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
313	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	LENNOX	NSTA	191	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
314	UK	Surface Infrastructure	BUOY	CEFAS	LIVERPOOL BAY BUOY: KFB 07/2012	NSTA	181	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
315	UK	Surface Infrastructure	BUOY	CEFAS	LIVERPOOL BAY SMART BUOY KFB202/2012 AREAS	NSTA	182	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
316	UK	Surface Infrastructure	TERMINAL	unknown	LOUGHSHINNY	NSTA	36	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		
317	UK	Surface Infrastructure	PLATFORM	HARBOUR ENERGY PLC	MILLOM WEST	NSTA	143	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No		

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023 - 2028)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1		Stage 2		Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	Other factors?	Progress to Stage 3/4			
												Licensable Period		Spatial/temporal overlap with Project								
												Start date	Licence Expiration Date	Overlap with Project Application Boundary	Temporal overlap with Project (Q3-2028 – 2023-2028)	Temporal overlap with Project (2028 – 2088-2028)	Temporal overlap with Project (2028 – 2038-2028)					
318	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	MILLOM WEST PLATFORM	INSTA	143	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
319	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	NORTH MORECAMBE PLATFORM	INSTA	155	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
320	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	NORTH MORECAMBE DPPA	INSTA	155	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
321	UK	Surface Infrastructure	FPSO	ENI UK LIMITED	OSI (OFFSHORE STORAGE INST.)	INSTA	166	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
322	UK	Surface Infrastructure	TERMINAL	unknown	POINT OF AYR	INSTA	189	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
323	UK	Surface Infrastructure	BUOY	CEFAS	SCARBEATHER GUARD BUOY KTB202/2012 AREAS	INSTA	309	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
324	UK	Surface Infrastructure	BUOY	CEFAS	SCARBEATHER WAVERIDER BUOY KTB202/2012 AREAS	INSTA	308	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
325	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE AP1	INSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
326	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE CPP1	INSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
327	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP1	INSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
328	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP3	INSTA	163	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
329	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP4	INSTA	162	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
330	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP6	INSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
331	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP8	INSTA	158	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
332	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE FL1	INSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
333	Ireland	Coastal Infrastructure	MAC20230031	Sligo County Council	Seasonal portion and access gangway	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
334	Ireland	Coastal Infrastructure	MAC2024007	Fingal County Council	Coastal Protection including Flood Embankment, Flood Wall and other works	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	39	MAC Consent	Tier 2	Yes	Yes	28/07/2025	28/07/2080	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
335	Ireland	Coastal Infrastructure	MAC2024002	Donegal County Council	Installation of landing platform and access gangway	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
336	Ireland	Pedestrian and cycle bridge	MAC20230033	Cork County Council	Pedestrian and Cycle Bridge across the Overbank River	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
337	Ireland	Pedestrian and cycle bridge	MAC20230027	Donegal County Council	c50m Pedestrian/Cycling Bridge to Strand, Slipway and Viewing Platform	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
338	Ireland	Flood Relief Scheme	MAC20230008	Mayo County Council	Ballina Flood Relief Scheme	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
339	Ireland	Rail Infrastructure	MAC24024	Iarnród Éireann/Irish Rail	Mobility Impaired Access at Glounthane Station, Cork	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
340	Ireland	Storm Outfall	MAC240028	Dublin City Council	Outfall of St John Rogers and the area of the Grand Canal Docks Storm Water Outfall Extension project	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	55	MAC Consent	Tier 2	Yes	Yes	17/07/2025	14/07/2080	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
341	Ireland	Oil and Gas	MAC20230016	Kesrel Energy Storage DAC	Recommissioning and depleted Ballycotton gas reservoir in the Kinsale Head area	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
342	Ireland	Recreation facility	MAC20230015	Dún Laoghaire - Rathdown County Council	Installation of Water Park, Dún Laoghaire Harbour	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	61	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Platform/gas terminals not relevant to offshore ornithology	No	No	
343	Ireland	Recreation facility	MAC240039	Donegal County Council	New centre for water based activities. Downings	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
344	Ireland	Recreational facility	MUL240045	Seabed Sanctuary Collective	Installation of sub-marine sculpture in Glenarmiff pier	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
345	Ireland	Recreational facility	MAC20230018	Cork County Council	Facility Centre for Water Based Activities in Castlebay, Youishal	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MAC Consent	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
346	Ireland	Salvage operation	MUL230036	SEATEC	Salvage operation of cargo ship FS Orla, a World War 2 era shipwreck in South West Ireland	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Onshore/mearshore works - not relevant to offshore ornithology	No	No	
347	Ireland	Research	MUL230039	University College Cork	Deployment of PAM devices located in the area of the elasmobranchs (sharks, rays) - the Celtic Sea	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	284	Consented	Tier 2	Yes	Yes	25/10/2024	25/10/2027	x	x	x	x	No	No temporal overlap	No	No	
348	Ireland	Research	MUL240048	Usce Eireann	Deployment of 9 Acoustic Doppler Current Profiler (ADCPs) to model water currents in Cork Harbour	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MUL	Tier 2	Yes	Yes	21/11/2025	21/11/2030	x	✓	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
349	Ireland	Research	MUL230015	Usce Eireann	Strategic Modelling study of water currents and bathymetry along the South Coast of Cork	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
350	Ireland	Research	MUL240026	Usce Eireann	Strategic Modelling study of water currents and bathymetry along the South Coast of Cork (Wexford, Waterford)	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
351	Ireland	Research	MUL240039	University College Cork	Seabed geological Surveys at Moira Mound area	<a href="https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/">https://www.marlinregulator.ie/oj/ur/works/maritime-area-operations/documents/received/</a>	> 100	Withdrawn-MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2022 - 2023)	Tier	Within Zon?	Progress to Stage 2?	Stage 1		Stage 2						Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	If no, please provide justification	Other factors?	Progress to Stage 3/4						
												Licensable Period		Spatial/temporal overlap with Project																
												Start date	Licence Expiration Date	Overlap with Oriel Application Boundary	Temporal overlap with Oriel Application Boundary (Q3-2023 – 2023)	Temporal overlap with Oriel Application Boundary (Q3-2023 – 2028)	Temporal overlap with Oriel Application Boundary (2028 – 2033)													
352	Ireland	Aquaculture	MUL230032	University College Dublin	Introduction of Native Oysters to nearshore sites with eco-engineered habitat structures	<a href="https://www.marlimerregulator.ie/a-polliculture/mu/230032/">https://www.marlimerregulator.ie/a-polliculture/mu/230032/</a>	50	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No									
353	Ireland	Research	MUL240004	Dublin City University	Deployment of Research Buoy, Dún Laoghaire Coast	<a href="https://www.marlimerregulator.ie/a-polliculture/mu/240004/">https://www.marlimerregulator.ie/a-polliculture/mu/240004/</a>	62	Withdrawn MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✗	✗	✗	No	No - project withdrawn	No	No									
354	Ireland	Research	FS007653	Loughs Agency	STRAITS Project Main Head	<a href="https://www.gov.ie/en/foreshore-police/a/9056-fa07653-loughs-agency-atmos-project-main-head/">https://www.gov.ie/en/foreshore-police/a/9056-fa07653-loughs-agency-atmos-project-main-head/</a>	> 100	Consented	Tier 1	Yes	Yes	01/03/2024	01/03/2028	✗	✗	✗	✗	No	No temporal overlap	No	No									
355	N.Ireland	Research	ML2024031	DAERA, Marine conservation Reporting	Eelgrass/Acoustic Monitoring Project	<a href="https://www.daera-ni.gov.uk/habitat-monitors/ah-acoustic-monitoring-project-ml2024031">https://www.daera-ni.gov.uk/habitat-monitors/ah-acoustic-monitoring-project-ml2024031</a>	23	Consented	Tier 1	Yes	Yes	07/06/2025	31/05/2028	✗	✗	✗	✗	No	No temporal overlap	No	No									
356	Ireland	Farm	IE_0172	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Survey work not relevant to offshore ornithology	No	No										
357	Ireland	Farm	IE_1092	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
358	Ireland	Farm	IE_1031	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
359	Ireland	Farm	IE_1118	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
360	Ireland	Farm	IE_1050	Oysters	-	EMODnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
361	Ireland	Farm	IE_1083	Mussels	-	EMODnet	14	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
362	Ireland	Farm	IE_1068	Mussels	-	EMODnet	15	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
363	Ireland	Farm	IE_1071	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
364	Ireland	Farm	IE_0629	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
365	Ireland	Farm	IE_0655	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
366	Ireland	Farm	IE_0656	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
367	Ireland	Farm	IE_0657	Mussels	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
368	Ireland	Farm	IE_0654	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
369	Ireland	Farm	IE_0927	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
370	Ireland	Farm	IE_0674	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
371	Ireland	Farm	IE_0639	Mussels	-	EMODnet	17	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
372	Ireland	Farm	IE_0399	Oysters,Clams	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
373	Ireland	Farm	IE_0398	Oysters,Clams	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
374	Ireland	Farm	IE_0949	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
375	Ireland	Farm	IE_0961	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
376	Ireland	Farm	IE_0503	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
377	Ireland	Farm	IE_0504	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
378	Ireland	Farm	IE_0490	Oysters,Clams	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
379	Ireland	Farm	IE_0491	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
380	Ireland	Farm	IE_0964	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
381	Ireland	Farm	IE_0495	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
382	Ireland	Farm	IE_0969	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
383	Ireland	Farm	IE_0483	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
384	Ireland	Farm	IE_0484	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
385	Ireland	Farm	IE_0485	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
386	Ireland	Farm	IE_0481	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
387	Ireland	Farm	IE_0489	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
388	Ireland	Farm	IE_0173	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
389	Ireland	Farm	IE_1094	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										
390	Ireland	Farm	IE_0276	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No										

Other Development Details									Stage 1		Stage 2										
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2022 - 2028)	Tier	Within ZOI?	Progress to Stage 2?	Licensable Period		Spatial/Temporal overlap with Project			Further Consideration required because of spatial/temporal overlap?	Scale and nature of development likely to have significant effect?	If no, please provide justification	Other factors?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Project Application Boundary	Temporal overlap with Project Application Boundary	Temporal overlap with Oriel Application Boundary (Q3-2028 – 2029) (Q3-2028 – 2030) (Q4-2028 – Q1-2030) (Q3-2028 – 2031) (Q4-2028 – Q1-2031)					
391	Ireland	Farm	IE_0277	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No	
391	Ireland	Farm	IE_0277	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	Aquaculture activities not relevant to offshore ornithology	No	No	
The following have been updated since the initial search																					
392	Ireland	Cables	MAC240013	ESB	Replacement of high voltage underground cable (Limerick Wall to Poolbeg, Dublin)	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Cables outside of close proximity (50 km) to Oriel	No	No	
393	Ireland	Road Infrastructure	MAC20230034	NTA	Proposed road development as part of Ringroad to City Centre Core Bus Corridor Scheme (from City Centre to City Centre)	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
395	Ireland	Cables	MAC240061	ESB	Installation of an electrical transmission circuit between the substation and the near-shore area, between Blackrock and Shellybanks, Dublin Bay.	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Cables outside of close proximity (50 km) to Oriel	No	No	
396	Ireland	Bridge Infrastructure	MAC240014	Dublin City Council	Construction of a pedestrian and cyclist (Point Bridge) to the west of Tom Clarke Bridge, widening of Tom Clarke Bridge, demolition of existing and construction of new control buildings, dismantling of existing collision structures and construction of new vessel collision structures to the west of the proposed Point Bridge.	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	55	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
397	Ireland	Coastal Infrastructure	MAC20230009	iamròid Eireann (IE)	Coastal Protection (Merion Gates to Seapoint Beach, Dublin)	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
398	Ireland	Coastal Infrastructure	MAC250028	iamròid Eireann (IE)	Coastal Protection (Whiterock to South Killiney, Dublin)	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
399	Ireland	Coastal Infrastructure	MAC250029	iamròid Eireann (IE)	Coastal Protection (Bay Head to Greystones North Beach, Wicklow)	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
400	Ireland	Coastal Infrastructure	MAC250030	iamròid Eireann (IE)	Coastal Protection (Kilcoole to Newcastle, Wicklow)	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
401	Ireland	Coastal Infrastructure	MAC250031	iamròid Eireann (IE)	Coastal Protection (Newcastle to Wicklow Mourne, Wicklow)	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
403	Ireland	Coastal Infrastructure	MAC250027	Dún Laoghaire Rathdown County Council	Regulation of piers/berths (Dún Laoghaire, Dublin)	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	61	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
404	Ireland	Bridge Infrastructure	MAC240051	iamròid Eireann	The construction of a pedestrian and cyclist bridge and a cycle track (Heuston Station)	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
406	Ireland	Coastal Infrastructure	MAC250009	Cork County Council	Flood Defence Scheme, Tir Chlainn to Ballincurra, Midleton, Co. Cork	<a href="https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received">https://www.marlineregulator.ie/o/urk/mlarmline-area-consents/mac-applications-received</a>	>100	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Onshore/nearshore works not relevant to offshore ornithology	No	No	
407	Ireland	Research	MUL240028	University College Cork	To co-deploy passive acoustic monitoring devices (acoustic receivers) in the western Irish Sea and southern Celtic Sea to identify the broad movements of electronically tagged marine species (sharks, skates and rays).	<a href="https://www.marlineregulator.ie/o/publications/mul240028">https://www.marlineregulator.ie/o/publications/mul240028</a>	>100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
408	Ireland	Dredging	MUL250008	Port of Cork Company	Deposition of dredged marine sediments from Ringaddy Basin to facilitate berthing operations with capacity to support Offshore Renewable Energy	<a href="https://www.marlineregulator.ie/o/publications/mul250008">https://www.marlineregulator.ie/o/publications/mul250008</a>	>100	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Near-shore dredging not relevant to offshore ornithology	No	No	
409	Ireland	Site Investigations	MUL250003	Dún Laoghaire Rathdown County Council	Marine environmental surveys for the purposes of site investigation to undertake a suite of marine site investigation activities to assess the potential of potential future dredging within the harbour.	<a href="https://www.marlineregulator.ie/o/publications/mul250003">https://www.marlineregulator.ie/o/publications/mul250003</a>	62	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
410	Ireland	Site Investigations	MUL250013	Uisce Eireann	Greater Dublin Drainage Project (Dún Laoghaire and the Irish Sea)	<a href="https://www.marlineregulator.ie/o/publications/mul250013">https://www.marlineregulator.ie/o/publications/mul250013</a>	>55	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
411	Ireland	Site Investigations	MUL250019	Helwick Head Offshore Wind Designated Activity Company	The proposed site investigation (SI) work will be used to characterise the physical, biological, and environmental conditions of Marine Area A – Tolls. The data collected will underpin project design, environmental management, and consenting, for any future offshore wind development within Maritime Area A (Marine Area A).	<a href="https://www.marlineregulator.ie/o/publications/mul250019">https://www.marlineregulator.ie/o/publications/mul250019</a>	>200	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Survey work not relevant to offshore ornithology	No	No	
412	Isle of Man	ORE Projects - Windfarm	-	Oriental Power Ventures	<a href="https://www.marlineregulator.ie/o/publications/mul250019">https://www.marlineregulator.ie/o/publications/mul250019</a>	>160 km	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Yes	No	Yes		
413	Wales	ORE Projects - Windfarm	-	Circo Energy	<a href="https://www.marlineregulator.ie/o/publications/mul250019">https://www.marlineregulator.ie/o/publications/mul250019</a>	>300 km	Planning	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Yes	No	Yes		

Other Development Details										Stage 1		Stage 2								
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-2028)	Tier	Within ZOF?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project		Further Consideration required because potential for spatiotemporal overlap?	Scale and nature of development likely to have significant effect?	Yes/No if no, provide justification	Other factors?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (08-2028)	Temporal overlap with operation (2028-2088)				
99	United Kingdom	Disposal Site	IS591	Belfast Dredgings C	Unknown	EMODnet	97	Unknown	Tier 1	Yes	Yes	Unknown	×	Unknown	Unknown	Yes	No, effects upon the receptor are expected to be limited in extent due to the distance between this project and the Oriel Wind Farm Project. Proposed Development, there is no potential for cumulative effects	No	No	
111	Ireland	Dredging	S0033-01	Dublin Port Company	Dublin Harbour Capital Dredging Project	<a href="https://epawebapp.esa.ie/terminal?our/DeSIaS-view/tp/regions/50033-01">https://epawebapp.esa.ie/terminal?our/DeSIaS-view/tp/regions/50033-01</a>	58	Consented	Tier 1	Yes	Yes	17/12/2024	31/03/2030	×	✓	✓	Yes	No, effects upon the receptor are expected to be limited in extent due to the distance between this project and the Oriel Wind Farm Project. Proposed Development, there is no potential for cumulative effects	No	No
113	Ireland	Dredging	S0038-01	Dublin Port Company	Capital Dredging for SFM Project	<a href="https://epawebapp.esa.ie/terminal?our/DeSIaS-view/tp/regions/50038-01">https://epawebapp.esa.ie/terminal?our/DeSIaS-view/tp/regions/50038-01</a>	58	Planning (Applied 11/2020/24)	Tier 1	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No, effects upon the receptor are expected to be limited in extent due to the distance between this project and the Oriel Wind Farm Project. Proposed Development, there is no potential for cumulative effects	No	No
116	N.Ireland	Marine Disposal	ML2023040	Warrenpoint Harbour	Sea disposal of dredging material from Warrenpoint Harbour	<a href="https://www.derra-ni.gov.uk/uk/2023/04/06/sea-disposal-warrenpoint-harbour">https://www.derra-ni.gov.uk/uk/2023/04/06/sea-disposal-warrenpoint-harbour</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	×	×	×	No	No temporal overlap	No	No
125	Ireland	Navigational dredging (maintenance)	MUL230026	Wicklow County Council	Maintenance dredging of the navigation channel, berths and berths with the Wicklow Port - Wicklow	<a href="https://www.marinetimelocator.ie/locations/mul230026">https://www.marinetimelocator.ie/locations/mul230026</a>	96	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No, Project screened out in 2023 due to no conceptual impact pathway.	No	No
130	United Kingdom	Dredging Point	786	Castletown Bay, Isle of Man	Celtic Sea	EMODnet	92	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	×	Unknown	Unknown	Yes	No, effects upon the receptor are expected to be limited in temporal and spatial extent	No	No
137	United Kingdom	Dredging Point	809	Kilkeel	Celtic Sea	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	×	Unknown	Unknown	Yes	No, effects upon the receptor are expected to be limited in temporal and spatial extent	No	No
138	United Kingdom	Dredging Point	811	Lagan River/Belfast Lough	Celtic Sea	EMODnet	78	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	×	Unknown	Unknown	Yes	No, effects upon the receptor are expected to be limited in temporal and spatial extent	No	No
152	United Kingdom	Dredging Point	834	Peel Harbour Isle of Man	Celtic Sea	EMODnet	93	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	×	Unknown	Unknown	Yes	No, effects upon the receptor are expected to be limited in temporal and spatial extent	No	No
154	United Kingdom	Dredging Point	838	Port St. Mary, Isle of Man	Celtic Sea	EMODnet	86	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	×	Unknown	Unknown	Yes	No, effects upon the receptor are expected to be limited in temporal and spatial extent	No	No
169	Wales	Removal	CML2331	MaresConnect Ltd	Interconnector Seabed	NRW	59	Unknown	Tier 1	Yes	Yes	12/10/2023	31/12/2025	×	×	×	No	N/A	N/A	N/A
208	Wales	Deposit	DEM12064	EnvGrid PLC	East West Interconnector remedial works	NRW	71	Unknown	Tier 1	Yes	Yes	31/01/2024	30/06/2025	×	×	×	No	N/A	N/A	N/A
224	Wales	Removal	RML2413	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SCBR2	NRW	79	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	×	×	×	No	N/A	N/A	N/A
225	Wales	Removal	RML2413	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SCBR2	NRW	88	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	×	×	×	No	N/A	N/A	N/A
226	Wales	Removal	RML2413	McMahon Design & Management Limited	Marine Survey & Site Investigation Works SCBR2	NRW	83	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	×	×	×	No	N/A	N/A	N/A
240	Ireland	Port/Marine Infrastructure	314487	Minister for Agriculture, Food and the Marine	Dredging of harbour, reclamation of land, construction of slipway, embankment and rock armour - Howth Fishery Harbour Centre	<a href="https://www.gov.ie/en/consultation/8d8d4-howth-harbour-dredging/">https://www.gov.ie/en/consultation/8d8d4-howth-harbour-dredging/</a> <a href="https://www.nceola.ie/en-jcase/314487">https://www.nceola.ie/en-jcase/314487</a>	51	Consented (30/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No, effects upon the receptor are expected to be limited in extent due to the distance between this project and the Oriel Wind Farm Project, there is no potential for cumulative effects	No	No
241	Ireland	Port/Marine Infrastructure	320250	Dublin Port Company	3FA Project - Construction of L-Lo3 container terminal, Ro-Ro freight terminal and other work	<a href="https://www.dublinport.ie/masterplan/3fa/">https://www.dublinport.ie/masterplan/3fa/</a>	54	Planning (Applied on 23/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No, effects upon the receptor are expected to be limited in extent due to the distance between this project and the Oriel Wind Farm Project, there is no potential for cumulative effects	No	No
243	Ireland	Port/Marine Infrastructure	MAC20230012	Kish Offshore Wind Limited & Bray Offshore Wind Limited	ORE O&M facility in St. Michael's Pier, Dún Laoghaire Harbour	<a href="https://www.marinetimelocator.ie/wc/content/uploads/2024/12/MAC20230012_Amendment_A_reduced.pdf">https://www.marinetimelocator.ie/wc/content/uploads/2024/12/MAC20230012_Amendment_A_reduced.pdf</a>	61	MAC Consent	Tier 2	Yes	Yes	30/10/2024	30/10/2069	×	✓	✓	Yes	No, effects upon the receptor are expected to be limited in extent due to the distance between this project and the Oriel Wind Farm Project, there is no potential for cumulative effects	No	No
245	Ireland	Port/Marine Infrastructure	MAC240020	Dún Laoghaire Rathdown County Council; Kish Offshore Wind Limited; Bray Offshore Wind Limited	ORE O&M facility and additional works for Dublin Array Offshore Wind Farm at Dún Laoghaire Harbour	<a href="https://www.marinetimelocator.ie/wc/content/uploads/2024/12/MAC240020_Amendment_A_reduced.pdf">https://www.marinetimelocator.ie/wc/content/uploads/2024/12/MAC240020_Amendment_A_reduced.pdf</a>	61	MAC Consent	Tier 2	Yes	Yes	12/11/2024	12/11/2069	×	✓	✓	Yes	No, effects upon the receptor are expected to be limited in extent due to the distance between this project and the Oriel Wind Farm Project, there is no potential for cumulative effects	No	No
246	N.Ireland	Marine Construction	ML2022003	Louth County Council	Narrow Water Bridge Project	<a href="https://www.derra-ni.gov.uk/uk/2023/04/06/narrow-water-bridge-project">https://www.derra-ni.gov.uk/uk/2023/04/06/narrow-water-bridge-project</a>	21	MAC Consent	Tier 1	Yes	Yes	29/03/2024	28/03/2027	×	×	×	No	No	N/A	No
249	N.Ireland	Marine Construction	ML2024009	TI LirIC Limited	Ground survey work to inform a proposed interconnector between NI and Scotland	<a href="https://www.derra-ni.gov.uk/uk/2023/04/06/ground-survey-work-to-inform-a-proposed-interconnector-between-ni-and-scotland">https://www.derra-ni.gov.uk/uk/2023/04/06/ground-survey-work-to-inform-a-proposed-interconnector-between-ni-and-scotland</a>	88	MAC Consent	Tier 1	Yes	Yes	22/01/2025	22/01/2026	×	×	×	No	No	N/A	No
250	N.Ireland	Marine Construction	ML2024011	Northern Ireland Water	Newcastle Central Promenade	<a href="https://www.derra-ni.gov.uk/uk/2023/04/06/construction-licence-m2024011-newcastle-central-promenade">https://www.derra-ni.gov.uk/uk/2023/04/06/construction-licence-m2024011-newcastle-central-promenade</a>	30	MAC Consent	Tier 1	Yes	Yes	11/11/2024	11/11/2025	×	×	×	No	No	N/A	No
252	N.Ireland	Marine Construction	ML2024027	Translink NI	Improve Sea defences in Carrickfergus	<a href="https://www.derra-ni.gov.uk/publications/marine-construction-licence-m2024027-improve-sea-defences-in-carrickfergus-honeybeekes">https://www.derra-ni.gov.uk/publications/marine-construction-licence-m2024027-improve-sea-defences-in-carrickfergus-honeybeekes</a>	88	MAC Consent	Tier 1	Yes	Yes	08/04/2025	07/04/2026	×	×	×	No	No	N/A	No
253	N.Ireland	Marine Construction	ML2024030	Bangor Marine Limited	Construction of outfall pipe for storm drainage in Bangor Marina	<a href="https://www.derra-ni.gov.uk/publications/marine-construction-licence-m2024030-construction-of-outfall-pipe-for-storm-drainage-in-bangor-marina">https://www.derra-ni.gov.uk/publications/marine-construction-licence-m2024030-construction-of-outfall-pipe-for-storm-drainage-in-bangor-marina</a>	84	Consented	Tier 1	Yes	Yes	24/03/2025	23/03/2026	×	×	×	No	No	N/A	No
254	Ireland	Water Pipeline Projects	MAC20240008	Ulisce Eireann	Upgrades of Water Mains Infrastructure between River Boyne, Drogheda, Louth	<a href="https://www.marinetimelocator.ie/wc/content/uploads/2024/03/ulisce-eireann-upgrades-of-water-mains-infrastructure-between-river-boyne-drogheda-louth-20240008.pdf">https://www.marinetimelocator.ie/wc/content/uploads/2024/03/ulisce-eireann-upgrades-of-water-mains-infrastructure-between-river-boyne-drogheda-louth-20240008.pdf</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
267	Ireland	ORE Projects	321635	Arklow Energy Limited	Decommissioning of Arklow Bank Wind Park Phase 1	<a href="https://www.nceola.ie/en-jcase/321635">https://www.nceola.ie/en-jcase/321635</a>	100	Planning	Tier 3	Yes	Yes	Unknown	Unknown	×	✓	✓	Yes	No, effects upon the receptor are expected to be limited in extent due to the distance between this project and the Oriel Wind Farm Project, there is no potential for cumulative effects	No	No
269	Ireland	ORE Site Investigations	LIC230001	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and expansion of the arrays of Dublin, Meath and Louth	<a href="https://www.marinetimelocator.ie/wc/content/uploads/2024/01/nisa-site-investigations-lic230001.pdf">https://www.marinetimelocator.ie/wc/content/uploads/2024/01/nisa-site-investigations-lic230001.pdf</a>	16	Consented	Tier 1	Yes	Yes	02/08/2024	02/08/2031	×	✓	✓	Yes	Project considered alongside NISA (2022-MAC-005)	No	No

Other Development Details										Stage 1		Stage 2								
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-2028)	Tier	Within Zon?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project		Further Consideration required because potential for spatiotemporal overlap?	Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other factors?	Progress to Stage 3/4	
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (08-2028 → 2028-2030)	Temporal overlap with operation (2028-2048)				
270	Ireland	ORE Site investigations	MUL230034	Coding Wind Park Limited (CWPL)	Survey mobilisations to inform the location and design of the proposed Coding Wind Park OWF, export cable route, potential OEM base, and other infrastructure elements - Dublin to Wicklow	<a href="https://www.maritimeregulator.ie/g/publications/mu230034/">https://www.maritimeregulator.ie/g/publications/mu230034/</a>	56	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
273	Ireland	Site Investigations	LIC230007	Dublin City Council	Environmental survey and ground investigation works to inform the location of proposed Point Bridge and Tom Clarke Widening Projects - Dublin	<a href="https://www.maritimeregulator.ie/g/publications/lic230007/">https://www.maritimeregulator.ie/g/publications/lic230007/</a>	55	MUL	Tier 1	Yes	Yes	25/08/2025	25/06/2027	✗	✗	✗	No	No temporal overlap	N/A	No
276	Ireland	Site investigations	MUL240008	MaresConnect Ltd	Site investigation surveys to assess various factors associated with the interconnection project - Dublin	<a href="https://www.maritimeregulator.ie/g/publications/mu240008-2/">https://www.maritimeregulator.ie/g/publications/mu240008-2/</a>	37	MUL	Tier 1	Yes	Yes	30/08/2025	30/06/2030	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
277	Ireland	Site Investigations	MUL240023	Imroód Eireann	Geotechnical investigation, Geophysical site investigation surveys, ecological surveys and archaeology surveys to inform design options for the proposed East Coast Rail Infrastructure Connection Projects (ECRIP), Dublin to Wicklow	<a href="https://www.maritimeregulator.ie/g/publications/mu240023/">https://www.maritimeregulator.ie/g/publications/mu240023/</a>	58	MUL	Tier 1	Yes	Yes	22/10/2025	22/10/2031	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
278	Ireland	Site Investigations	MUL240011	Brenmore Ireland Port Designated Activity Company (BDACo)	Site investigations to inform the location and design of a proposed port infrastructure	<a href="https://www.maritimeregulator.ie/g/publications/mu240011/">https://www.maritimeregulator.ie/g/publications/mu240011/</a>	6	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
285	Ireland	Site Investigations	MUL240010	EirGrid	Site investigations to inform design and environmental assessment of Electrical Cable Circuit crossing Dublin Bay	<a href="https://www.maritimeregulator.ie/g/publications/lice-application-mu240010/">https://www.maritimeregulator.ie/g/publications/lice-application-mu240010/</a>	55	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
289	UK	Surface Infrastructure	TERMINAL	unknown	BRAYMORE POINT	NSTA	22	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
316	UK	Surface Infrastructure	TERMINAL	unknown	LOUGHSHINNY	NSTA	36	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
334	Ireland	Coastal Infrastructure	MAC2024007	Fingal County Council	Coastal Protection including Flood Embankment, Flood Alleviation and Waterfronts	<a href="https://www.maritimeregulator.ie/g/ur-work/maritime-areas-consents/applications-received-mu2024007/">https://www.maritimeregulator.ie/g/ur-work/maritime-areas-consents/applications-received-mu2024007/</a>	39	MAC Consent	Tier 2	Yes	Yes	28/07/2025	28/07/2080	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
340	Ireland	Storm Outfall	MAC240028	Dublin City Council	Outfall at Sir John Rogerson's Quay as part of the Grand Canal Docks Storm Outfall Extension project	<a href="https://www.maritimeregulator.ie/g/ur-work/maritime-areas-consents/applications-received-mu240028/">https://www.maritimeregulator.ie/g/ur-work/maritime-areas-consents/applications-received-mu240028/</a>	55	MAC Consent	Tier 2	Yes	Yes	17/07/2025	14/07/2080	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
342	Ireland	Recreation facility	MAC20230015	Dún Laoghaire - Rathdown County Council	Installation of Water Park, Dún Laoghaire Harbour	<a href="https://www.maritimeregulator.ie/g/ur-work/maritime-areas-consents/applications-received-mu20230015/">https://www.maritimeregulator.ie/g/ur-work/maritime-areas-consents/applications-received-mu20230015/</a>	61	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
353	Ireland	Research	MUL240004	Dublin City University	Deployment of Research Buoy, Dún Laoghaire Coast	<a href="https://www.maritimeregulator.ie/g/publications/mu240004/">https://www.maritimeregulator.ie/g/publications/mu240004/</a>	62	Withdrawn MUL (Application)	Tier 1	Yes	Yes	N/A	N/A	✗	✗	✗	No	Project withdrawn	No	No
355	N.Ireland	Research	ML2024031	DAERA, Marine conservation Reporting	Elaeobranch Acoustic Monitoring Project	<a href="https://gov.uk/guidance/elaeobranch-acoustic-monitoring-project-mu2024031/">https://gov.uk/guidance/elaeobranch-acoustic-monitoring-project-mu2024031/</a>	23	Consented	Tier 1	Yes	Yes	01/08/2025	31/05/2028	✗	✗	✗	No	N/A	N/A	No
356	Ireland	Farm	IE_0172	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
357	Ireland	Farm	IE_1092	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
358	Ireland	Farm	IE_1031	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
359	Ireland	Farm	IE_1118	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
360	Ireland	Farm	IE_1050	Oysters	-	EMODnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
361	Ireland	Farm	IE_1063	Mussels	-	EMODnet	14	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
362	Ireland	Farm	IE_1068	Mussels	-	EMODnet	15	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
363	Ireland	Farm	IE_1071	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
364	Ireland	Farm	IE_0629	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
365	Ireland	Farm	IE_0655	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
366	Ireland	Farm	IE_0656	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
367	Ireland	Farm	IE_0657	Mussels	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
368	Ireland	Farm	IE_0654	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
369	Ireland	Farm	IE_0927	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
370	Ireland	Farm	IE_0674	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
371	Ireland	Farm	IE_0639	Mussels	-	EMODnet	17	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
372	Ireland	Farm	IE_0399	Oysters,Clams	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
373	Ireland	Farm	IE_0398	Oysters,Clams	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
374	Ireland	Farm	IE_0949	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
375	Ireland	Farm	IE_0961	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
376	Ireland	Farm	IE_0503	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
377	Ireland	Farm	IE_0504	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
378	Ireland	Farm	IE_0490	Oysters,Clams	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
379	Ireland	Farm	IE_0491	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
380	Ireland	Farm	IE_0964	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
381	Ireland	Farm	IE_0495	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
382	Ireland	Farm	IE_0966	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
383	Ireland	Farm	IE_0483	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
384	Ireland	Farm	IE_0484	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
385	Ireland	Farm	IE_0485	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No

Other Development Details										Stage 1		Stage 2								
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-2028)	Tier	Within Zon?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project		Further Consideration required because potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect? Yes/No If no, provide justification	Other factors?	Progress to Stage 3/4	
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (08-2028 → 2028-2048)	Temporal overlap with operation (2028-2048 → 2048-2068)				
386	Ireland	Farm	IE_0481	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
387	Ireland	Farm	IE_0489	Oysters, Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
388	Ireland	Farm	IE_0173	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
389	Ireland	Farm	IE_1094	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
390	Ireland	Farm	IE_0276	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
391	Ireland	Farm	IE_0277	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
The following have been updated since the initial search																				
392	Ireland	Cables	MAC240013	ESB	Replacement of high voltage underground cables (North Wall to Poolbeg, Dublin)	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
393	Ireland	Road Infrastructure	MAC20230034	NTA	Proposed road development as part of Ringsend to City Centre Core Bus Corridor Scheme (Ringsend to City Centre)	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
395	Ireland	Cables	MAC240061	ESB	Installation of an electrical transmission circuit including substation and connection to the near-shore area, between Blackrock and Shellybanks, Dublin Bay	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
396	Ireland	Bridge Infrastructure	MAC240014	Dublin City Council	Construction of a pedestrian and cyclist bridge (Point Bridge) to the west of Tom Clarke Bridge, widening of Tom Clarke Bridge, demolition of existing structures and construction of a new control room building, dismantling of existing vessel collision structures and construction of new vessel collision structures to the west of the proposed Point Bridge.	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
397	Ireland	Coastal Infrastructure	MAC20230009	Iarnród Éireann (IE)	Coastal Protection (Merion Gates to Seapoint Beach, Dublin)	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
398	Ireland	Coastal Infrastructure	MAC250028	Iarnród Éireann (IE)	Coastal Protection (Wentrock Beach to South Beach, Dublin)	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
399	Ireland	Coastal Infrastructure	MAC250029	Iarnród Éireann (IE)	Coastal Protection (Bray Head to Greystones North Beach, Wicklow)	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
400	Ireland	Coastal Infrastructure	MAC250030	Iarnród Éireann (IE)	Coastal Protection (Kilcoole to Newcastle, Wicklow)	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
401	Ireland	Coastal Infrastructure	MAC250031	Iarnród Éireann (IE)	Coastal Protection (Newcastle to Wicklow Mourne, Wicklow)	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
403	Ireland	Coastal Infrastructure	MAC250027	Laoghaire Rathdown County Council	Regulation of preexisting piers (Dún Laoghaire, Dublin)	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>70	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
404	Ireland	Bridge Infrastructure	MAC240051	Iarnród Éireann	The construction of a pedestrian and cyclist bridge and a riverbank walkway (Heuston Station)	<a href="https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/">https://www.maritimeregulator.ie/o-ur-work/maritime-area-consents/maco-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
409	Ireland	Site Investigations	MUL250003	Dún Laoghaire Rathdown County Council	Marine environmental surveys for the purposes of site investigation to undertake a suite of marine site investigation activities to assess the feasibility of potential new port dredging within the harbour	<a href="https://www.maritimeregulator.ie/o-publications/licenses-application-mul250003/">https://www.maritimeregulator.ie/o-publications/licenses-application-mul250003/</a>	>70	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No
410	Ireland	Site Investigations	MUL250013	Úisce Éireann	Greater Dublin Drainage Project (Baldoyle Bay and the Irish Sea)	<a href="https://www.maritimeregulator.ie/o-publications/licenses-application-mul250013/">https://www.maritimeregulator.ie/o-publications/licenses-application-mul250013/</a>	>60	MUL (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No effect-receptor pathway. Screened out of assessment.	No	No

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023-01/2024)	Tier	Within ZoR?	Progress to Stage 2?	Stage 1		Stage 2							
												Licensable Period		Spatial/temporal overlap with Project			Further Consideration required based on potential for significant overlap?	Scale and nature of development likely to have significant effect? Yes/No	If no, please provide justification	Other factors?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Project Application Boundary	Temporal overlap with construction (2023-01/2024-Q3 2023-01/2024-Q3 2024)	Temporal overlap with operation (2023-01/2024-Q3 2024-01/2025)					
116	N.Ireland	Marine Disposal	ML2023040	Warrenpoint Harbour	Sea disposal of dredging material from Warrenpoint Harbour	<a href="https://www.draa.darpa.mil/publications/marine-licence-m/2023040-sea-disposal-warrenpoint-harbour-project">https://www.draa.darpa.mil/publications/marine-licence-m/2023040-sea-disposal-warrenpoint-harbour-project</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	x	x	x	No	No temporal overlap with Oriel Wind Farm Project	No	No	
137	United Kingdom	Dredging Point	809	Kilkeel	Celtic Sea	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
246	N.Ireland	Marine Construction	ML2022003	Louth County Council	Narrow Water Bridge Project	<a href="https://www.draa.darpa.mil/publications/marine-licence-m/2022003-narrow-water-bridge-project">https://www.draa.darpa.mil/publications/marine-licence-m/2022003-narrow-water-bridge-project</a>	21	Consented	Tier 1	Yes	Yes	29/03/2024	28/03/2027	x	x	x	No	No temporal overlap with Oriel Wind Farm Project	No	No	
250	N.Ireland	Marine Construction	ML2024011	Northern Ireland Water	Newcastle Central Promenade	<a href="https://www.draa.darpa.mil/publications/marine-licence-m/2024011-newcastle-central-promenade-project-northern-ireland-water">https://www.draa.darpa.mil/publications/marine-licence-m/2024011-newcastle-central-promenade-project-northern-ireland-water</a>	30	Consented	Tier 1	Yes	Yes	11/11/2024	11/11/2025	x	x	x	No	No temporal overlap with Oriel Wind Farm Project	No	No	
254	Ireland	Water Pipeline Projects	MAC2024008	Ulisce Eireann	Upgrade of Water Main, including the new River Boyne, Dargle and Louth	<a href="https://www.marineregulator.ie/applications/2300014-work/maritime-area-consent/consent/consent-received">https://www.marineregulator.ie/applications/2300014-work/maritime-area-consent/consent/consent-received</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No pathway on impact on shipping and navigation receptors in vicinity of Oriel Wind Farm Project	No	No	
269	Ireland	ORE Site Investigations	LIC230001	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and associated port infrastructure in Dublin, Meath and Louth	<a href="https://www.marineregulator.ie/applications/2300014-work/maritime-area-consent/consent/consent-received">https://www.marineregulator.ie/applications/2300014-work/maritime-area-consent/consent/consent-received</a>	16	MUL	Tier 1	Yes	Yes	02/08/2024	02/08/2031	x	✓	✓	Yes	No - the site investigation activities are located and planned to ensure sufficient sea room between these activities and the Oriel Application Boundary for safe navigation to be conducted.	N/A	No	
276	Ireland	Site investigations	MUL240008	MaresConnect Ltd	Site investigation surveys to assess various factors associated with the intended wind farm project - Dublin	<a href="https://www.marineregulator.ie/applications/2300014-work/maritime-area-consent/consent/consent-received">https://www.marineregulator.ie/applications/2300014-work/maritime-area-consent/consent/consent-received</a>	37	MUL	Tier 1	Yes	Yes	30/06/2025	30/06/2030	x	✓	✓	Yes	Yes	Yes	Yes	
278	Ireland	Site Investigations	MUL240011	Bremore Ireland Port Designated Activity Company (BDPAC)	Site investigations to inform the location and design of a proposed port infrastructure, Dublin and Meath	<a href="https://www.marineregulator.ie/applications/2400114-work/maritime-area-consent/consent/consent-received">https://www.marineregulator.ie/applications/2400114-work/maritime-area-consent/consent/consent-received</a>	6	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	Yes	Yes	Yes	
289	UK	Surface Infrastructure	TERMINAL	unknown	BRAYMORE POINT	NSTA	22	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No offshore activities	No	No	
316	UK	Surface Infrastructure	TERMINAL	unknown	LOUGHSHINNY	NSTA	36	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No offshore activities	No	No	
334	Ireland	Coastal Infrastructure	MAC20240007	Fingal County Council	Coastal Protection including Flood Embankment, Flood Wall and other works	<a href="https://www.marineregulator.ie/applications/2300014-work/maritime-area-consent/consent/consent-received">https://www.marineregulator.ie/applications/2300014-work/maritime-area-consent/consent/consent-received</a>	39	MAC Consent	Tier 2	Yes	Yes	29/07/2025	28/07/2080	x	✓	✓	Yes	No offshore activities	No	No	
355	N.Ireland	Research	ML2024031	DAERA, Marine conservation Reporting	Elasmobranch Acoustic Monitoring Project	<a href="https://www.marineregulator.ie/applications/2400314-work/maritime-area-consent/consent/consent-received">https://www.marineregulator.ie/applications/2400314-work/maritime-area-consent/consent/consent-received</a>	23	Consented	Tier 1	Yes	Yes	07/06/2025	31/05/2028	x	x	x	No	No temporal overlap with Oriel Wind Farm Project	No	No	
356	Ireland	Farm	IE_0172	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
357	Ireland	Farm	IE_1092	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
358	Ireland	Farm	IE_1031	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
359	Ireland	Farm	IE_1118	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
360	Ireland	Farm	IE_1050	Oysters	-	EMODnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
361	Ireland	Farm	IE_1063	Mussels	-	EMODnet	14	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
362	Ireland	Farm	IE_1068	Mussels	-	EMODnet	15	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
363	Ireland	Farm	IE_1071	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
364	Ireland	Farm	IE_0029	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
365	Ireland	Farm	IE_0655	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
366	Ireland	Farm	IE_0656	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
367	Ireland	Farm	IE_0657	Mussels	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
368	Ireland	Farm	IE_0654	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
369	Ireland	Farm	IE_0927	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
370	Ireland	Farm	IE_0674	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
371	Ireland	Farm	IE_0639	Mussels	-	EMODnet	17	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
372	Ireland	Farm	IE_0399	Oysters,Clams	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
373	Ireland	Farm	IE_0398	Oysters,Clams	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	
374	Ireland	Farm	IE_0949	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No	

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023 - <a href="#">View</a> )	Tier	Within ZOF?	Progress to Stage 2?	Stage 1			Stage 2					
												Licensable Period		Spatial/Temporal overlap with Project			Further Consideration of possible potential for spatial/temporal overlap?	Scale and nature of development likely to have significant impact? Yes/No If no, please provide justification	Other factors?	Progress to Stage 3a
												Start date	Licence Expiry Date	Overlap with Planning Application Boundary	Temporal overlap with construction (09/2026 - 2027) or operation (01/2028 - 2029)	Temporal overlap with existing projects (06/2022 - 2024)				
375	Ireland	Farm	IE_0961	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
376	Ireland	Farm	IE_0503	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
377	Ireland	Farm	IE_0504	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
378	Ireland	Farm	IE_0490	Oysters.Clams	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
379	Ireland	Farm	IE_0491	Oysters.Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
380	Ireland	Farm	IE_0964	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
381	Ireland	Farm	IE_0495	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
382	Ireland	Farm	IE_0969	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
383	Ireland	Farm	IE_0483	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
384	Ireland	Farm	IE_0484	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
385	Ireland	Farm	IE_0485	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
386	Ireland	Farm	IE_0481	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
387	Ireland	Farm	IE_0489	Oysters.Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
388	Ireland	Farm	IE_0173	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
389	Ireland	Farm	IE_1094	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
390	Ireland	Farm	IE_0276	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No
391	Ireland	Farm	IE_0277	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	x	Unknown	Unknown	Yes	The database on shellfish aquaculture in the EU was created in 2014 so these projects will already be taken into account within the baseline traffic assessment	No	No

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/02/2023)	Tier	Within ZOI?	Progress to Stage 2?	Stage 1			Stage 2			Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other factors?	Progress to Stage 3?				
												Licensable Period		Spatial/temporal overlap with Project										
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with Construction (08/02/2023 - 30/06/2024)	Temporal overlap with Operation (01/07/2024 - 2040)								
116	N.Ireland	Marine Disposal	ML2023040	Warrenpoint Harbour	Sea disposal of dredging material from Warrenpoint Harbour	<a href="https://www.data.gov.uk/publications/marine-disposal-warrenpoint-harbour">https://www.data.gov.uk/publications/marine-disposal-warrenpoint-harbour</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	✗	✗	✗	NP	No - no temporal overlap	N/A	No				
137	United Kingdom	Dredging Point	809	Kileel	Celtic Sea	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No due to limited extent of impacts	No	No				
246	N.Ireland	Marine Construction	ML2022003	Louth County Council	Narrow Water Bridge Project	<a href="https://www.data.gov.uk/publications/marine-licences-m2022003-narrow-water-bridge-project">https://www.data.gov.uk/publications/marine-licences-m2022003-narrow-water-bridge-project</a>	21	Consented	Tier 1	Yes	Yes	29/03/2024	28/03/2027	✗	✓	✗	Yes	No due to limited extent of impacts	No	No				
254	Ireland	Water Pipeline Projects	MAC20240008	Usce Eireann	Upgrade of Water Mains Infrastructure beneath River Boyne, Drogheda	<a href="https://www.marineregulator.ie/irish-work/maritime-areas-contains/applications-received/">https://www.marineregulator.ie/irish-work/maritime-areas-contains/applications-received/</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	No	No				
269	Ireland	ORE Site Investigations	LIC230001	North Irish Sea Array Limited	Site investigation activities to inform the location and design of a proposed port infrastructure, Dublin and Meath	<a href="https://www.marineregulator.ie/applications/RC230001/">https://www.marineregulator.ie/applications/RC230001/</a>	16	MUL	Tier 1	Yes	Yes	02/08/2024	02/08/2031	✗	✓	✓	Yes	Yes	No	Yes				
278	Ireland	Site Investigations	MUL240011	Bremore Ireland Port Designated Activity Company (BIPDAC)	Site investigations to inform the location and design of a proposed port infrastructure, Dublin and Meath	<a href="https://www.marineregulator.ie/applications/RC240011/">https://www.marineregulator.ie/applications/RC240011/</a>	6	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - on basis that no consent / no licence and initial works were due to take place in 2024	No	No				
289	UK	Surface Infrastructure	TERMINAL	unknown	BRAYMORE POINT	NSTA	22	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No due to limited extent of impacts	N/A	No				
355	N.Ireland	Research	ML2024031	DAERA, Marine conservation Reporting	Elmeharbour Acoustic Monitoring Project	<a href="https://www.data.gov.uk/publications/elmeharbour-acoustic-monitoring-project-m2024031">https://www.data.gov.uk/publications/elmeharbour-acoustic-monitoring-project-m2024031</a>	23	Consented	Tier 1	Yes	Yes	07/06/2025	31/05/2028	✗	✗	✗	NP	No temporal overlap	N/A	No				
356	Ireland	Farm	IE_0172	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
357	Ireland	Farm	IE_1092	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
358	Ireland	Farm	IE_1031	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
359	Ireland	Farm	IE_1118	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
360	Ireland	Farm	IE_1050	Oysters	-	EMODnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
361	Ireland	Farm	IE_1063	Mussels	-	EMODnet	14	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
362	Ireland	Farm	IE_1068	Mussels	-	EMODnet	15	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
363	Ireland	Farm	IE_1071	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
364	Ireland	Farm	IE_0629	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
365	Ireland	Farm	IE_0655	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
366	Ireland	Farm	IE_0656	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
367	Ireland	Farm	IE_0657	Mussels	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
368	Ireland	Farm	IE_0654	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
369	Ireland	Farm	IE_0927	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
370	Ireland	Farm	IE_0674	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
371	Ireland	Farm	IE_0639	Mussels	-	EMODnet	17	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
372	Ireland	Farm	IE_0398	Oysters,Clams	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
373	Ireland	Farm	IE_0398	Oysters,Clams	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
374	Ireland	Farm	IE_0949	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
375	Ireland	Farm	IE_0961	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
376	Ireland	Farm	IE_0503	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
377	Ireland	Farm	IE_0504	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
378	Ireland	Farm	IE_0490	Oysters,Clams	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
379	Ireland	Farm	IE_0491	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
380	Ireland	Farm	IE_0964	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
381	Ireland	Farm	IE_0495	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
382	Ireland	Farm	IE_0969	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
383	Ireland	Farm	IE_0483	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
384	Ireland	Farm	IE_0484	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
385	Ireland	Farm	IE_0485	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
386	Ireland	Farm	IE_0481	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
387	Ireland	Farm	IE_0489	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
388	Ireland	Farm	IE_0173	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
389	Ireland	Farm	IE_1094	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
390	Ireland	Farm	IE_0276	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				
391	Ireland	Farm	IE_0277	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No effect-receptor pathway, Screened out of assessment	No	No				

Other Development Details										Stage 1		Stage 2									
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023 - 2023)	Tier	Within Zof?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because of potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect? Yes/No, please provide justification	Other factors?	Progress to Stage 3/4	
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3 2023 – 2023 – 2024)	Temporal overlap with operation (2024 – 2040)					
111	Ireland	Dredging	S0033-01	Dublin Port Company	Dublin Harbour Capital Dredging Project	<a href="https://epawebapp.eqa.ie/terminalout/DaS/daS2view.asp?recno=S0033-01">https://epawebapp.eqa.ie/terminalout/DaS/daS2view.asp?recno=S0033-01</a>	58	Consented	Tier 1	Yes	Yes	17/12/2024	31/03/2030	✗	✓	✓	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further	N/A	No	
113	Ireland	Dredging	S0038-01	Dublin Port Company	Capital Dredging for 3FM Project	<a href="https://epawebapp.eqa.ie/terminalout/DaS/daS2view.asp?recno=S0038-01">https://epawebapp.eqa.ie/terminalout/DaS/daS2view.asp?recno=S0038-01</a>	58	Planning (Applied 11/20/2024)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further	N/A	No	
116	N.Ireland	Marine Disposal	ML2023040	Warrenpoint Harbour	Sea disposal of dredging material from Warrenpoint Harbour	<a href="https://www.daera-ni.gov.uk/publications/marine-licence-m/023040-sea-disposal-warrenpoint-harbour">https://www.daera-ni.gov.uk/publications/marine-licence-m/023040-sea-disposal-warrenpoint-harbour</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	✗	✗	✗	No	Temporal overlap with updated construction programme for Oriel Wind Farm Project	N/A	No	
137	United Kingdom	Dredging Point	809	Kilkeel	Celtic Sea	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	No additional shipping further within SLVIA as additional shipping movements associated with this development would be difficult to differentiate from existing shipping movements in proximity to Oriel Wind Farm Project	N/A	No	
169	Wales	Removal	CML2331	MaresConnect Ltd	Interconnector Seabed Survey	NRW	59	Unknown	Tier 1	Yes	Yes	12/10/2023	31/12/2025	✗	✗	✗	No	No temporal overlap with updated construction programme for Oriel Wind Farm Project	N/A	No	
240	Ireland	Port/Marine Infrastructure	314487	Minister for Agriculture, Food and the Marine	Dredging of harbour, reclamation of land, construction of new embankment and rock armour - Howth Fishery Harbour Centre	<a href="https://www.gov.ie/foreign/consultations/30444-howth-harbour-dredging">https://www.gov.ie/foreign/consultations/30444-howth-harbour-dredging</a>	51	Consented (30/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Not considered further within SLVIA as additional shipping movements associated with this development would be difficult to differentiate from existing shipping movements within the SLVIA Study Area	No	No	
246	N.Ireland	Marine Construction	ML2022003	Louth County Council	Narrow Water Bridge Project	<a href="https://www.daera-ni.gov.uk/publications/marine-licence-m/022003-narrow-water-bridge-project">https://www.daera-ni.gov.uk/publications/marine-licence-m/022003-narrow-water-bridge-project</a>	21	Consented	Tier 1	Yes	Yes	29/03/2024	28/03/2027	✗	✓	✗	Yes	No relevant shipping project lies within Carrickfergus Lough where limited visibility of Oriel Wind Farm Project is predicted to be experienced. Also review of current development the project appears to be under construction so likely to be completed before Oriel Wind farm Project	N/A	No	
250	N.Ireland	Marine Construction	ML2024011	Northern Ireland Water	Newcastle Central Promenade	<a href="https://www.daera-ni.gov.uk/publications/marines-construction/licence-m/2024011-newcastle-central-promenade-northern-ireland-water">https://www.daera-ni.gov.uk/publications/marines-construction/licence-m/2024011-newcastle-central-promenade-northern-ireland-water</a>	30	Consented	Tier 1	Yes	Yes	11/11/2024	11/11/2025	✗	✗	✗	No	No - project now consented and no longer has temporal overlap	N/A	No	
254	Ireland	Water Pipeline Projects	MAC2024008	Ulisce Eireann	Upgrade of Water Main Infrastructure beneath River Boyne, Drogheda, Louth	<a href="https://www.marlineregulator.ie/a/policiations/2024008/">https://www.marlineregulator.ie/a/policiations/2024008/</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - Project located in an area predicted to have very limited visibility of Oriel Wind Farm Project within urban form therefore no cumulative interaction	N/A	No	
269	Ireland	ORE Site Investigations	LIC23001	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and expansion of the array in the North Irish Sea	<a href="https://www.marlineregulator.ie/a/policiations/lic23001/">https://www.marlineregulator.ie/a/policiations/lic23001/</a>	16	MUL	Tier 1	Yes	Yes	02/08/2024	02/08/2031	✗	✓	✓	Yes	Yes	Yes	Yes	No
273	Ireland	Site Investigations	LIC23007	Dublin City Council	Environmental survey and ground investigation works in order to inform the design of proposed Port 2 bridge and Tom Clark Wind Farm Project - Dublin	<a href="https://www.marlineregulator.ie/a/policiations/lic23007/">https://www.marlineregulator.ie/a/policiations/lic23007/</a>	55	MUL	Tier 1	Yes	Yes	25/06/2025	25/06/2027	✗	✗	✗	No	No - project now consented and no longer has temporal overlap	N/A	No	
276	Ireland	Site Investigations	MUL24008	MaresConnect Ltd	Site investigation surveys to assess various factors associated with the aforementioned project - Dublin	<a href="https://www.marlineregulator.ie/a/policiations/mul24008-2/">https://www.marlineregulator.ie/a/policiations/mul24008-2/</a>	37	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - Additional shipping movements associated with investigation works - temporary in nature and far south of Oriel Wind Farm Project works.	N/A	No	
277	Ireland	Site Investigations	MUL240023	Iarnród Éireann	Geotechnical Investigation, Geophysical site investigation surveys, ecology and marine predator surveys to inform design options for the proposed East Coast Rail Infrastructure Projects (ECRIP), Dublin to Wicklow	<a href="https://www.marlineregulator.ie/a/policiations/mul240023/">https://www.marlineregulator.ie/a/policiations/mul240023/</a>	58	MUL	Tier 1	Yes	Yes	22/10/2025	22/10/2031	✗	✓	✓	Yes	No - Additional shipping movements associated with investigation works - temporary in nature and far south of Oriel Wind Farm Project works.	N/A	No	
278	Ireland	Site Investigations	MUL240011	Bremore Ireland Port Designated Activity Company (BIPDAC)	Site investigations to inform the location and design of proposed port infrastructure - Dublin and Meath	<a href="https://www.marlineregulator.ie/a/policiations/mul240011/">https://www.marlineregulator.ie/a/policiations/mul240011/</a>	6	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - Additional shipping movements associated with investigation works - temporary in nature and far south of Oriel Wind Farm Project works.	N/A	No	
289	UK	Surface Infrastructure	TERMINAL	unknown	BRAYMORE POINT	NSTA	22	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - Surface infrastructure / construction operations not easily read in combination with Oriel Wind Farm Project	N/A	No	
316	UK	Surface Infrastructure	TERMINAL	unknown	LOUGHSHINNY	NSTA	36	Active	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - Surface infrastructure / construction operations not easily read in combination with Oriel Wind Farm Project	N/A	No	
334	Ireland	Coastal Infrastructure	MAC2024007	Fingal County Council	Coastal Protection including Flood Embankment, Flood Wall and other works	<a href="https://www.marlineregulator.ie/a/content/leads/202407/02507-9-MAC-MAC2024007-reduced.pdf">https://www.marlineregulator.ie/a/content/leads/202407/02507-9-MAC-MAC2024007-reduced.pdf</a>	39	MAC Consent	Tier 2	Yes	Yes	28/07/2025	28/07/2080	✗	✓	✓	Yes	No - Localised impacts arising from the proposed project not easily read in combination with Oriel Wind Farm Project	N/A	No	

Other Development Details										Stage 1		Stage 2									
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023 - 2023)	Tier	Within Zof?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project		Further Consideration required because potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect? Yes/No	Other factors?	Progress to Stage 3/4		
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3 2023 - 2023 - Q4 2025 - Q1 2030)	Temporal overlap with operation (2028 - 2048 - 2050 - 2060)					
352	Ireland	Aquaculture	MUL230032	University College Dublin	Introduction of Native Oysters to nearshore sites with eco-engineered habitat units, Dublin Coast	<a href="https://www.marine regulator.ie/documents/mul230032">https://www.marine regulator.ie/documents/mul230032</a>	50	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - Northern sites D, F & G located in areas predicted to experience no visibility of Oriel Site C located in area predicted to experience visibility however boat movements are a common feature and individual boat movements associated with the proposed scheme would be difficult to discern	N/A	No	
355	N.Ireland	Research	ML2024031	DAERA, Marine conservation Reporting	Elasmobranch Acoustic Monitoring Project	<a href="https://www.daera-ni.gov.uk/publications/elasmobranch-acoustic-monitoring-project-ml2024031">https://www.daera-ni.gov.uk/publications/elasmobranch-acoustic-monitoring-project-ml2024031</a>	23	Consented	Tier 1	Yes	Yes	07/06/2025	31/05/2028	✗	✗	✗	No	No - project now consented and no longer has temporal overlap	N/A	No	
356	Ireland	Farm	IE_0172	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
357	Ireland	Farm	IE_1092	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
358	Ireland	Farm	IE_1031	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
359	Ireland	Farm	IE_1118	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
360	Ireland	Farm	IE_1050	Oysters	-	EMODnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
361	Ireland	Farm	IE_1063	Mussels	-	EMODnet	14	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
362	Ireland	Farm	IE_1068	Mussels	-	EMODnet	15	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
363	Ireland	Farm	IE_1071	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
364	Ireland	Farm	IE_0829	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
365	Ireland	Farm	IE_0855	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
366	Ireland	Farm	IE_0858	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
367	Ireland	Farm	IE_0657	Mussels	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
368	Ireland	Farm	IE_0654	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
369	Ireland	Farm	IE_0927	Mussels	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
370	Ireland	Farm	IE_0674	Mussels	-	EMODnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
371	Ireland	Farm	IE_0639	Mussels	-	EMODnet	17	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
372	Ireland	Farm	IE_0399	Oysters,Clams	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
373	Ireland	Farm	IE_0398	Oysters,Clams	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
374	Ireland	Farm	IE_0949	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
375	Ireland	Farm	IE_0961	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
376	Ireland	Farm	IE_0503	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
377	Ireland	Farm	IE_0504	Oysters	-	EMODnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
378	Ireland	Farm	IE_0490	Oysters,Clams	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
379	Ireland	Farm	IE_0491	Oysters,Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	
380	Ireland	Farm	IE_0964	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No	

Other Development Details										Stage 1		Stage 2								
ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Distance from Oriel Application Boundary (km)	Status of Project (as of 08/2023 - 2023)	Tier	Within Zof?	Progress to Stage 2?	Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other factors?	Progress to Stage 3/4
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (Q3 2023 - Q2 2024)	Temporal overlap with operation (2024 - 2040+)				
381	Ireland	Farm	IE_0495	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
382	Ireland	Farm	IE_0969	Oysters	-	EMODnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
383	Ireland	Farm	IE_0483	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
384	Ireland	Farm	IE_0484	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
385	Ireland	Farm	IE_0485	Oysters	-	EMODnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
386	Ireland	Farm	IE_0481	Oysters	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
387	Ireland	Farm	IE_0489	Oysters/Clams	-	EMODnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
388	Ireland	Farm	IE_0173	Oysters	-	EMODnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
389	Ireland	Farm	IE_1094	Mussels	-	EMODnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
390	Ireland	Farm	IE_0276	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
391	Ireland	Farm	IE_0277	Mussels	-	EMODnet	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	✗	Unknown	Unknown	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
The following have been updated since the initial search																				
396	Ireland	Bridge Infrastructure	MAC240014	Dublin City Council	Construction of a pedestrian and cycle bridge (Point Bridge) to the west of Tom Clarke Bridge, widening of Tom Clarke Bridge, demolition of existing structures and construction of a new control room building, dismantling of existing vessel collision structures and relocation of new vessel collision structures to the west of the proposed Point Bridge.	<a href="https://www.maritimeregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	55	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	Project lies within SLVIA Study Area, but limited cumulative interaction and not considered further.	N/A	No
400	Ireland	Coastal Infrastructure	MAC250030	Imróid Éireann (IE)	Coastal Protection (Kilcode to Newcastle, Wicklow)	<a href="https://www.maritimeregulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.maritimeregulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>80	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - no potential for receptor-impact pathway	N/A	No
408	Ireland	Site Investigations	MUL250013	Uisce Eireann	Greater Dublin Drainage Project (Ballyboden Bay and the Irish Sea)	<a href="https://www.maritimeregulator.ie/applications/mul250013/">https://www.maritimeregulator.ie/applications/mul250013/</a>	>55	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	✗	✓	✓	Yes	No - no potential for receptor-impact pathway	N/A	No

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Asperx distance from Oriel Application Boundary (km)	Status of Project (as of 04/04/2024 - 11:28am)	Tier	Within Zolt	Progress to Stage 2?	Stage 1			Stage 2			Scale and nature of development likely to have significant effect? Yes/No (If no, please provide justification)	Other factors?	Progress to Stage 3/4			
												Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because potential for spatial/temporal overlap?						
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (04/04/2024 - 11:28am)	Temporal overlap with operation (04/04/2024 - 11:28am)							
88	United Kingdom	Disposal Site	IS043	Holyhead North	Unknown	EMOInet	102	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
89	United Kingdom	Disposal Site	IS055	Conwy	Unknown	EMOInet	161	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
90	United Kingdom	Disposal Site	IS102	Moorside Deep (Maintenance)	Unknown	EMOInet	192	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
92	United Kingdom	Disposal Site	IS140	Site Z	Unknown	EMOInet	185	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
93	United Kingdom	Disposal Site	IS170	Morecambe Bay: Lune Deep	Unknown	EMOInet	194	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
95	United Kingdom	Disposal Site	IS200	Morecambe Bay B	Unknown	EMOInet	196	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
96	United Kingdom	Disposal Site	IS205	Bairne D	Unknown	EMOInet	185	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
97	United Kingdom	Disposal Site	IS241	Workington Anchorage	Unknown	EMOInet	178	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
98	United Kingdom	Disposal Site	IS251	Silloth B	Unknown	EMOInet	198	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
99	United Kingdom	Disposal Site	IS581	Belfast Dredgings C	Unknown	EMOInet	97	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
100	United Kingdom	Disposal Site	IS671	Warrenpoint B	Unknown	EMOInet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
109	United Kingdom	Disposal Site	MA545	Portstewart Bay B	Unknown	EMOInet	154	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
110	United Kingdom	Disposal Site	MA681	Camlough A	Unknown	EMOInet	117	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
111	Ireland	Dredging	S0033-01	Dublin Port Company	Dublin Harbour Capital Dredging Project	<a href="https://epawebapps.epa.ie/terminalfour/DaS_d4c2www.jch/teiger/S0033-01">https://epawebapps.epa.ie/terminalfour/DaS_d4c2www.jch/teiger/S0033-01</a>	58	Consented	Tier 1	Yes	Yes	17/12/2024	31/03/2030	+	✓	✓	Yes	No. Works not relevant to bats in the marine environment. However, works are associated with the Dublin Array, which is likely to be in the operational phase of Dublin Array has already been addressed.	N/A	No			
112	Ireland	Dredging	S0037-01	Wicklow County Council	Maintenance dredging of Wicklow Port	<a href="https://epawebapps.epa.ie/terminalfour/DaS_d4c2www.jch/teiger/S0037-01">https://epawebapps.epa.ie/terminalfour/DaS_d4c2www.jch/teiger/S0037-01</a>	115	Planning (Applied19/04/2024)	Tier 1	Yes	Yes	Unknown	Unknown	+	✓	✓	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
113	Ireland	Dredging	S0038-01	Dublin Port Company	Capital Dredging for 3FM Project	<a href="https://epawebapps.epa.ie/terminalfour/DaS_d4c2www.jch/teiger/S0038-01">https://epawebapps.epa.ie/terminalfour/DaS_d4c2www.jch/teiger/S0038-01</a>	58	Planning (Applied11/20/2024)	Tier 1	Yes	Yes	Unknown	Unknown	+	✓	✓	Yes	No. Works not relevant to bats in the marine environment.	N/A	No			
116	N.Ireland	Marine Disposal	ML2023040	Warrington Harbour	Sea disposal of dredging material from Warrington Harbour	<a href="https://www.marinetraffic.com/ship/traces/662949/ML2023040">https://www.marinetraffic.com/ship/traces/662949/ML2023040</a>	6	Consented	Tier 1	Yes	Yes	27/03/2024	26/03/2027	+	+	+	No	No temporal overlap	N/A	No			
125	Ireland	Navigational dredging (Maintenance)	MUL20026	Wicklow County Council	Maintenance dredging of the navigation channel and berths within Wicklow Port - Wicklow	<a href="https://www.marinetraffic.com/ship/traces/662949/ML2023040">https://www.marinetraffic.com/ship/traces/662949/ML2023040</a>	96	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	+	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
130	United Kingdom	Dredging Point	786	Gatsetown Bay, Isle of Man	Celtic Sea	EMOInet	92	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
132	United Kingdom	Dredging Point	789	Conwy River	Celtic Sea	EMOInet	161	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
133	United Kingdom	Dredging Point	793	Dee River	Celtic Sea	EMOInet	199	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
134	United Kingdom	Dredging Point	794	Douglas Harbour, Isle of Man	Celtic Sea	EMOInet	105	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
135	United Kingdom	Dredging Point	798	Firth Of Clyde	Celtic Sea	EMOInet	190	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
137	United Kingdom	Dredging Point	809	Kilkeel	Celtic Sea	EMOInet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
138	United Kingdom	Dredging Point	811	Lagan River/Belfast Lough	Celtic Sea	EMOInet	75	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
140	United Kingdom	Dredging Point	815	Loch Ryan	Celtic Sea	EMOInet	129	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
143	United Kingdom	Dredging Point	819	Llyn Bay	Celtic Sea	EMOInet	128	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
152	United Kingdom	Dredging Point	834	Peel Harbour, Isle of Man	Celtic Sea	EMOInet	93	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
154	United Kingdom	Dredging Point	838	Port of Ardglass, Isle of Man	Celtic Sea	EMOInet	85	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
155	United Kingdom	Dredging Point	839	Porthcawl Bay/Rhyl Loch	Celtic Sea	EMOInet	129	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
157	United Kingdom	Dredging Point	849	Solway Firth	Celtic Sea	EMOInet	179	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
161	United Kingdom	Dredging Point	872	Wyne River	Celtic Sea	EMOInet	199	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
168	Wales	Deposit and Removal	CML212	Robert Wynn & Sons	Beach landing at Black Rock Sands	NRW	164	Unknown	Tier 1	Yes	Yes	06/04/2023	Unknown	+	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
169	Wales	Removal	CML231	MarineConnect Ltd	Interconnector Seabed Survey	NRW	59	Unknown	Tier 1	Yes	Yes	12/10/2023	31/12/2025	+	+	+	No	No temporal overlap	N/A	No			
170	Wales	Construction, Demolition & Removal	CML232	Gwynedd Council	Repair of sea wall, erect floodgate and install new drainage network	NRW	186	Unknown	Tier 1	Yes	Yes	27/02/2024	01/04/2026	+	+	+	No	No temporal overlap	N/A	No			
172	Wales	Construction, Demolition & Removal	CML239	Ancala Water Services (Estates) Ltd	RAF Valley Tidal Flap	NRW	122	Unknown	Tier 1	Yes	Yes	27/09/2023	01/09/2028	+	+	+	No	No temporal overlap	N/A	No			
173	Wales	Construction, Demolition & Removal	CML239	Ancala Water Services (Estates) Ltd	RAF Valley Tidal Flap	NRW	122	Unknown	Tier 1	Yes	Yes	28/09/2023	01/09/2028	+	+	+	No	No temporal overlap	N/A	No			
174	Wales	Construction, Demolition & Removal	CML239	Ancala Water Services (Estates) Ltd	RAF Valley Tidal Flap	NRW	123	Unknown	Tier 1	Yes	Yes	28/09/2023	01/09/2028	+	+	+	No	No temporal overlap	N/A	No			
175	Wales	Construction	CML256	Morgan Sindall Construction and Infrastructure Ltd	Sewer repair/alteration	NRW	147	Unknown	Tier 1	Yes	Yes	23/11/2023	22/11/2024	+	+	+	No	No temporal overlap	N/A	No			
180	Wales	Construction	CML259	MPH Construction Ltd	Aber West Sheet Pile Repairs	NRW	159	Unknown	Tier 1	Yes	Yes	18/04/2024	07/06/2025	+	+	+	No	No temporal overlap	N/A	No			
181	Wales	Construction	CML270	Gwynedd Council/Borough Council	Tidal Flap replacement	NRW	161	Unknown	Tier 1	Yes	Yes	15/02/2024	14/02/2025	+	+	+	No	No temporal overlap	N/A	No			
182	Wales	Construction	CML271	Conwy County Borough Council	Morta Drive Tidal Flap	NRW	161	Unknown	Tier 1	Yes	Yes	16/02/2024	15/02/2025	+	+	+	No	No temporal overlap	N/A	No			
183	Wales	Construction	CML271	Conwy County Borough Council	Morta Drive Tidal Flap/Restoration	NRW	161	Unknown	Tier 1	Yes	Yes	16/02/2024	15/02/2025	+	+	+	No	No temporal overlap	N/A	No			
184	Wales	Removal	CML273	North Wales Estuaries Trust	Spinnaker Tidal Outfall Clearance	NRW	150	Unknown	Tier 1	Yes	Yes	05/02/2024	28/02/2025	+	+	+	No	No temporal overlap	N/A	No			
185	Wales	Construction	CML274	Bangor City Council	Baio Pier Refurbishment	NRW	147	Unknown	Tier 1	Yes	Yes	07/05/2024	31/05/2025	+	+	+	No	No temporal overlap	N/A	No			
186	Wales	Construction	CML274	Bangor City Council	Baio Pier Refurbishment	NRW	146	Unknown	Tier 1	Yes	Yes	07/05/2024	31/05/2025	+	+	+	No	No temporal overlap	N/A	No			
190	Wales	Construction	CML2407	Christopher L Blackman	Replacement of existing sea wall with new precast concrete concrete and remove works to an existing concrete slipway	NRW	146	Unknown	Tier 1	Yes	Yes	26/06/2024	01/08/2025	+	+	+	No	No temporal overlap	N/A	No			
194	Wales	Construction	CML2427	Eric Wright Water Limited	Industrial Beach Road Seepage Pumping Station	NRW	147	Unknown	Tier 1	Yes	Yes	26/06/2024	30/05/2025	+	+	+	No	No temporal overlap	N/A	No			
195	Wales	Construction	CML2430	Conwy Coastal Defence Extension	CH2149	NRW	166	Unknown	Tier 1	Yes	Yes	13/09/2024	12/05/2025	+	+	+	No	No temporal overlap	N/A	No			
196	Wales	Construction	CML2457	MPH Construction Ltd	Replacement of Pwllmawr Tidal Flaps	NRW	157	Unknown	Tier 1	Yes	Yes	01/10/2025	30/11/2024	+	+	+	No	No temporal overlap	N/A	No			
200	Wales	Construction	CML246	MPH Construction Ltd	Replacement of Pwllmawr Tidal Flaps	NRW	194	Unknown	Tier 1	Yes	Yes	09/10/2024	01/10/2025	+	+	+	No	No temporal overlap	N/A	No			
208	Wales	Deposit	DEM2264	ErgoPLC	East West Interconnector remedial works	NRW	71	Unknown	Tier 1	Yes	Yes	31/01/2024	30/09/2025	+	+	+	No	No temporal overlap	N/A	No			
209	Wales	Deposit	DEM2375	Gwynedd Council	beach management	NRW	190	Unknown	Tier 1	Yes	Yes	11/04/2024	10/11/2024	+	+	+	Yes	No. Not relevant to bats in the marine environment	N/A	No			
211	Wales	Deposit	EXM2454	Llandudno Council	Llandudno Annual Fireworks Display	NRW	160	Unknown	Tier 1	Yes	Yes	03/11/2024	02/11/2025	+	+	+	No	No temporal overlap	N/A	No			
212	Wales	Removal	RM2303	Ocean Ecology Limited	Grab samples	NRW	140	Unknown	Tier 1	Yes	Yes	03/02/2023	01/04/2023	+	+	+	No	No temporal overlap	N/A	No			
213	Wales	Removal	RM2323	Aewy'r Môr Offshore Windfarms Ltd	Aewy'r Môr Offshore Windfarm G5	NRW	151	Unknown	Tier 1	Yes	Yes	01/01/2023	17/12/2028	+	+	+	Yes	No. Not relevant to bats in the marine environment	N/A	No			
218	Wales	Removal	RML2363	Cable Percussive exploratory Borehole at Beach Road Pumping Station	NRW	147	Unknown	Tier 1	Yes	Yes	04/12/2023	10/11/2024	+	+	+	No	No temporal overlap	N/A	No				
223	Wales	Removal	RM2424	Maldron Design & Management Limited	Marine Survey & Site Investigation Wicks SOCR1	NRW	160	Unknown	Tier 1	Yes	Yes	03/05/2024	18/12/2024	+	+	+	No	No temporal overlap	N/A	No			
224	Wales	Removal	RM2424	Maldron Design & Management Limited																			

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/layer	Nearest distance from Oriel Application Boundary (km)	Status of Project (as of 08/03/2023-31/03/2023)	Tier	Stage 1		Stage 2								
										Licensable Period		Spatial/temporal overlap with Project			Further Consideration required to assess potential for spatial/temporal overlap?	Scale and nature of development likely to have environmental effect? Yes/No	Other factors?			
										Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (01/03/2023-31/03/2023)	Temporal overlap with operation (2028-2068)						
226	Wales	Removal	RML2413	McMahon Design & Management	Marine Survey & Site Investigation	NRW	63	Unknown	Tier 1	Yes	Yes	03/05/2024	16/12/2024	x	x	x	No	No temporal overlap	N/A	No
237	Wales	Removal	RML2444	Mona Offshore Wind Limited	Mona Offshore Wind Farm 2024 Deep Geological Survey	NRW	130	Unknown	Tier 1	Yes	Yes	16/09/2024	17/09/2025	x	x	x	No	No temporal overlap	N/A	No
239	Wales	Construction	CML1843	NRW	Repair and maintenance of marine structures and equipment	NRW	188	Unknown	Tier 1	Yes	Yes	06/02/2019	31/12/2054	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
240	Ireland	Port/Marine Infrastructure	314487	Minister for Agriculture, Food and the Marine	Dredging of harbour, removal of debris, embankment and rock armour	<a href="https://www.gov.ie/en/consultation/8da46-bowth-harbour-dredge/">https://www.gov.ie/en/consultation/8da46-bowth-harbour-dredge/</a>	51	Consented (30/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
241	Ireland	Port/Marine Infrastructure	320250	Dublin Port Company	DRY DOCK TERMINAL - LO-RO container terminal, Ro-Ro freight terminal and other work	<a href="https://www.publish.ie/masterplan/360/">https://www.publish.ie/masterplan/360/</a>	54	Planning Applied on 23/07/2024)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
243	Ireland	Port/ Marine Infrastructure	MAC2023012	Kish Offshore Wind Limited & Bay Offshore Wind Limited	ORE O&M facility in St. Michael's Pier, Dún Laoghaire Harbour	<a href="https://www.gov.ie/en/consultation/12411-MAC2023012-Amendment-A-reddacted.pdf">https://www.gov.ie/en/consultation/12411-MAC2023012-Amendment-A-reddacted.pdf</a>	61	MAC Consent	Tier 2	Yes	Yes	30/10/2024	30/10/2069	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
245	Ireland	Port/ Marine Infrastructure	MAC240020	Dún Laoghaire Harbour Authority, Kish Offshore Wind Limited, Bray Offshore Wind Limited	ORE O&M Facility and additional works for Dublin Array Offshore Wind Farm at Dún Laoghaire Harbour	<a href="https://www.gov.ie/en/consultation/12411-MAC2023012-Amendment-A-reddacted.pdf">https://www.gov.ie/en/consultation/12411-MAC2023012-Amendment-A-reddacted.pdf</a>	61	MAC Consent	Tier 2	Yes	Yes	12/11/2024	12/11/2069	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
246	N Ireland	Marine Construction	ML2022003	Louth County Council	Narrow Water Bridge Project	<a href="https://www.dl.gov.uk/publications/narrow-water-bridge-project-licensing-2022-2023">https://www.dl.gov.uk/publications/narrow-water-bridge-project-licensing-2022-2023</a>	21	Consented	Tier 1	Yes	Yes	29/03/2024	28/03/2027	x	x	x	No	No temporal overlap	N/A	No
248	N Ireland	Marine Construction	ML2023009	North Channel Wind Limited	Marine Surveys to inform location and design of offshore windfarm and cable route	<a href="https://www.dl.gov.uk/publications/north-channel-wind-faids-area">https://www.dl.gov.uk/publications/north-channel-wind-faids-area</a>	101	Consented	Tier 1	Yes	Yes	01/04/2025	01/04/2028	x	x	x	No	No temporal overlap	N/A	No
249	N Ireland	Marine Construction	ML2024009	TI Ltd/C Limited	Ground survey to inform a project: interconnector between NI and Scotland.	<a href="https://www.dl.gov.uk/publications/marine-constructions-licensing-2024009-ti-ltd-c-ltd">https://www.dl.gov.uk/publications/marine-constructions-licensing-2024009-ti-ltd-c-ltd</a>	88	Consented	Tier 1	Yes	Yes	22/01/2025	22/01/2026	x	x	x	No	No temporal overlap	N/A	No
250	N Ireland	Marine Construction	ML2024011	Northern Ireland Water	Newcastle Central Promenade	<a href="https://dl.gov.uk/publications/charge-construction-licensing-2024011-newcastle-central-promenade-northern-ireland-water">https://dl.gov.uk/publications/charge-construction-licensing-2024011-newcastle-central-promenade-northern-ireland-water</a>	30	Consented	Tier 1	Yes	Yes	11/11/2024	11/11/2025	x	x	x	No	No temporal overlap	N/A	No
252	N Ireland	Marine Construction	ML2024027	Translink NI	Improve Sea defences in Carrickfergus	<a href="https://dl.gov.uk/publications/charge-construction-licensing-2024027-ni-translink-sea-defences-carrickfergus">https://dl.gov.uk/publications/charge-construction-licensing-2024027-ni-translink-sea-defences-carrickfergus</a>	88	Consented	Tier 1	Yes	Yes	08/04/2025	07/04/2026	x	x	x	No	No temporal overlap	N/A	No
253	N Ireland	Marine Construction	ML2024030	Bangor Marine Limited	Construction of outfall pipe for storm drainage in Bangor Marina	<a href="https://dl.gov.uk/publications/charge-construction-licensing-2024030-bangor-marine-outfall-pipe">https://dl.gov.uk/publications/charge-construction-licensing-2024030-bangor-marine-outfall-pipe</a>	84	Consented	Tier 1	Yes	Yes	24/03/2025	23/03/2026	x	✓	✓	No	No temporal overlap	N/A	No
254	Ireland	Water Pipeline Projects	MAC2024008	Ulster Éireann	Upgrade of Water Main Infrastructure beneath River Boyne, Dingsheda, Louth	<a href="https://www.maregulator.ie/consultations/ulster-eireann-water-and-marine-area-consents/ulster-eireann-upgrade-of-water-main-infrastructure-beneath-river-boyne-dingsheda-louth">https://www.maregulator.ie/consultations/ulster-eireann-water-and-marine-area-consents/ulster-eireann-upgrade-of-water-main-infrastructure-beneath-river-boyne-dingsheda-louth</a>	14	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
257	UK	ORE Projects - Windfarm Cables	-	North Hoyle Wind Farm Limited	North Hoyle	<a href="https://www.oreuk.org/sites/default/files/2022-07/01112022-14727-Bell-Easy-Wind-Farm-Ltd-Deadline-7-Submission.pdf">https://www.oreuk.org/sites/default/files/2022-07/01112022-14727-Bell-Easy-Wind-Farm-Ltd-Deadline-7-Submission.pdf</a>	179	Operational	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Windfarm cables not relevant to bats in the marine environment	N/A	No
258	UK	ORE Projects - Windfarm Cables	-	Rhyl Flats Wind Farm Limited	Rhyl Flats	<a href="https://www.oreuk.org/sites/default/files/2022-07/01112022-14727-Bell-Easy-Wind-Farm-Ltd-Deadline-7-Submission.pdf">https://www.oreuk.org/sites/default/files/2022-07/01112022-14727-Bell-Easy-Wind-Farm-Ltd-Deadline-7-Submission.pdf</a>	167	Operational	Tier 1	Yes	Yes	Production began 02/2011	Estimated site life 2031 to 2041	x	✓	✓	Yes	No. Windfarm cables not relevant to bats in the marine environment	N/A	No
259	UK	ORE Projects - Windfarm Cables	-	Avril 1 Mac Offshore Wind Farm Limited	Avril 1	<a href="https://www.oreuk.org/sites/default/files/2022-07/01112022-14727-Bell-Easy-Wind-Farm-Ltd-Deadline-7-Submission.pdf">https://www.oreuk.org/sites/default/files/2022-07/01112022-14727-Bell-Easy-Wind-Farm-Ltd-Deadline-7-Submission.pdf</a>	161	Consented	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Windfarm cables not relevant to bats in the marine environment	N/A	No
260	UK	ORE Projects - Windfarm Cables	-	Awel y Mor Offshore Wind Farm Limited	Awel y Mor OWF Cable Crossing	<a href="https://www.oreuk.org/sites/default/files/2022-07/01112022-14727-Bell-Easy-Wind-Farm-Ltd-Deadline-7-Submission.pdf">https://www.oreuk.org/sites/default/files/2022-07/01112022-14727-Bell-Easy-Wind-Farm-Ltd-Deadline-7-Submission.pdf</a>	182	Consented	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Decommissioning works of phase 1 are not associated with the impacts resulting from oil and gas bats in the Chord EIAR	N/A	No
267	Ireland	ORE Projects	321035	Arklow Energy Limited	Arklow Bank Wind Park Phase 1	<a href="https://www.cleanedata.ie/eia/321035">https://www.cleanedata.ie/eia/321035</a>	100	Planning to Decommission	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No potential for impacts from project to impact offshore bats receptors	N/A	No
269	Ireland	ORE Site Investigations	LIC230001	North Irish Sea Array Limited	Site investigation activities to inform the design and detailed design of the NISA offshore array in the North Irish Sea, off the coasts of Dublin, Meath and Louth	<a href="https://www.maregulator.ie/applications/lic230001">https://www.maregulator.ie/applications/lic230001</a>	16	MUL	Tier 1	Yes	Yes	02/08/2024	02/08/2031	x	✓	✓	Yes	No. Referring to site investigations only which does not have relevance to bats in the marine environment.		
270	Ireland	ORE Site Investigations	MUL230034	Coding Wind Park Limited (CWPL)	Survey mobilisations to inform the location and detailed design of the proposed Coding Wind Park ODFW export route, potential O&M base, Dublin to Wicklow	<a href="https://www.maregulator.ie/applications/mul230034">https://www.maregulator.ie/applications/mul230034</a>	56	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Referring to site investigations only which does not have relevance to bats in the marine environment.	N/A	No
273	Ireland	Site Investigations	LIC230007	Dublin City Council	Environmental surveys and ground investigation surveys in relation to the design of proposed Portage and Tom Clarke Widening Project, Dublin	<a href="https://www.maregulator.ie/applications/lic230007">https://www.maregulator.ie/applications/lic230007</a>	56	MUL	Tier 1	Yes	Yes	25/06/2025	25/06/2027	x	✓	✓	Yes	No temporal overlap	N/A	No
276	Ireland	Site Investigations	MUL240008	MaresConnect Ltd	Site investigation surveys to assess various factors associated with the interconnector project - Dublin	<a href="https://www.maregulator.ie/applications/mul240008_2">https://www.maregulator.ie/applications/mul240008_2</a>	37	MUL	Tier 1	Yes	Yes	30/06/2025	30/06/2030	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
277	Ireland	Site Investigations	MUL240023	iamrod Eirann	Geophysical investigation, Geophysical site investigation, Surveying, Archaeology surveys to inform design options for the proposed East Coast Offshore Wind Farm Project (ECOPP), Dublin to Wicklow	<a href="https://www.maregulator.ie/applications/mul240023">https://www.maregulator.ie/applications/mul240023</a>	58	MUL	Tier 1	Yes	Yes	22/10/2025	22/10/2031	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
278	Ireland	Site Investigations	MUL240011	Brennan Island Port Designated Activity Company (BIPDAC)	Site investigations to inform the location and design of a proposed port infrastructure, Dublin and Meath	<a href="https://www.maregulator.ie/applications/mul240011">https://www.maregulator.ie/applications/mul240011</a>	6	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
285	Ireland	Site Investigations	MUL240010	EirGrid	Site investigations to inform design and environmental assessment of Electricity Cables Crossing Breslin Dubin Bay	<a href="https://www.maregulator.ie/applications/mul240010">https://www.maregulator.ie/applications/mul240010</a>	55	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No relevant to bats in the marine environment	N/A	No
287	UK	Surface Infrastructure	PLATFORM	CHRYSTAL HOT TUBING	ACCOMMODATION PLATFORM API	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
288	UK	Surface Infrastructure	TERMINAL	unknown	BARRIUM-IN/FURNES GAS TERMINAL	NSTA	198	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
289	UK	Surface Infrastructure	TERMINAL	unknown	BRAYMORE POINT	NSTA	22	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
290	UK	Surface Infrastructure	PLATFORM	HARBOUR ENERGY PLC	CALDER	NSTA	156	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
293	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	CENTRAL PRODUCTION PLATFORM CPH1	NSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
294	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	CONYV PLATFORM	NSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
295	UK	Surface Infrastructure	TERMINAL	unknown	CORSEWALL POINT	NSTA	128	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
296	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DA	NSTA	187	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
297	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DP	NSTA	187	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
298	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	DOUGLAS DW	NSTA	167	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
299	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	DPII PLATFORM	NSTA	162	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
300	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	DPII PLATFORM	NSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No
301	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	DPII PLATFORM	NSTA	158	Active	Tier 1	Yes	Yes	Unknown	Unknown	x	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	As per distance from Oriel Application Boundary (km)	Status of Project (as of 04/2024 - 11/2024)	Tier	Within Zolt	Progress to Stage 27	Stage 1		Stage 2		Further Consideration required because potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect? Yes/No	Other factors?	Progress to Stage 34				
												Licensable Period		Spatial/temporal overlap with Project									
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (2023-2024)	Temporal overlap with operation (2025-2045)							
302	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	DRILLING PLATFORM DP1	NSSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
303	UK	Surface Infrastructure	TERMINAL	unknown	DUNROD POINT	NSSTA	156	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
307	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	FLARE TRIPOD	NSSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
308	UK	Surface Infrastructure	TERMINAL	unknown	GLEN MOON	NSSTA	101	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
309	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	HAMILTON	NSSTA	174	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
310	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	HAMILTON NORTH	NSSTA	171	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
312	UK	Surface Infrastructure	TERMINAL	unknown	ISLAND MAIDEE	NSSTA	103	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
313	UK	Surface Infrastructure	PLATFORM	ENI UK LIMITED	LENNOX	NSSTA	191	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
314	UK	Surface Infrastructure	BUOY	CEFAS	LIVERPOOL BAY BUOY, KFB	NSSTA	181	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
315	UK	Surface Infrastructure	BUOY	CEFAS	LIVERPOOL BAY SMART BUOY KFB202012 AREAS	NSSTA	182	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
316	UK	Surface Infrastructure	TERMINAL	unknown	LOUGHSHINNY	NSSTA	36	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
317	UK	Surface Infrastructure	PLATFORM	HARBOUR ENERGY PLC	MILLOM WEST	NSSTA	143	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
318	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	MILLOM WEST PLATFORM	NSSTA	143	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
319	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	NORTH MORECAMBE PLATFORM	NSSTA	155	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
320	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	NORTH MORECAMBE DP1A	NSSTA	155	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
321	UK	Surface Infrastructure	PSFO	ENI UK LIMITED	OSI (OFFSHORE STORAGE INST.)	NSSTA	186	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
322	UK	Surface Infrastructure	TERMINAL	unknown	POINT OF AYR	NSSTA	189	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
325	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE API	NSSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
326	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE CRP1	NSSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
327	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP1	NSSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
328	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP3	NSSTA	163	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
329	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP4	NSSTA	162	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
330	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP6	NSSTA	159	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
331	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE DP8	NSSTA	158	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
332	UK	Surface Infrastructure	PLATFORM	SPIRIT ENERGY	SOUTH MORECAMBE FL1	NSSTA	161	Active	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
334	Ireland	Coastal Infrastructure	Coastal Protection including Flood Embankment, Flood Wall and other works		https://www.marineinspectorate.ie/area-consents/permissions-received		39	MAC Consent	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No			
340	Ireland	Storm Outfall	MAC204028	Dublin City Council	Outfall at St John's Harbour on Quay		https://www.marineinspectorate.ie/area-consents/permissions-received		55	MAC Consent	Tier 2	Yes	Yes	17/07/2025	14/07/2080	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No	
342	Ireland	Recreational facility	MAC2020015	Dún Laoghaire - Rathdown County Council	Installation of Water Park, Dún Laoghaire Harbour		https://www.marineinspectorate.ie/area-consents/permissions-received		61	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No	
352	Ireland	Aquaculture	MUL230032	University College Dublin	Introduction of Native Oysters to nearshore sites with engineered habitat units, Dublin Coast		https://www.marineinspectorate.ie/area-consents/permissions-received		50	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	N/A	No	
353	Ireland	Research	MUL24004	Dublin City University	Deployment of Acoustic Buoy, Dun Laoghaire Coast		https://www.marineinspectorate.ie/area-consents/permissions-received		62	Withdrawn MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	*	*	*	No	N/A	N/A	No	
355	Ireland	Research	MUL202401	DAERA, Marine conservation Reporting	Elasmobranch Acoustic Monitoring Project		https://www.marineinspectorate.ie/area-consents/permissions-received		23	Consented	Tier 1	Yes	Yes	07/06/2025	31/05/2028	*	*	*	No	No temporal overlap	N/A	No	
356	Ireland	Farm	IE_0172	Oysters	-	EMOOnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
357	Ireland	Farm	IE_1092	Oysters	-	EMOOnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
358	Ireland	Farm	IE_1031	Oysters	-	EMOOnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
359	Ireland	Farm	IE_1118	Oysters	-	EMOOnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
360	Ireland	Farm	IE_1050	Oysters	-	EMOOnet	7	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
361	Ireland	Farm	IE_1063	Mussels	-	EMOOnet	14	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
362	Ireland	Farm	IE_1068	Mussels	-	EMOOnet	15	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
363	Ireland	Farm	IE_1071	Oysters	-	EMOOnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
364	Ireland	Farm	IE_062	Mussels	-	EMOOnet	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
365	Ireland	Farm	IE_0655	Mussels	-	EMOOnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
366	Ireland	Farm	IE_0656	Mussels	-	EMOOnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
367	Ireland	Farm	IE_0657	Mussels	-	EMOOnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
368	Ireland	Farm	IE_0654	Mussels	-	EMOOnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
369	Ireland	Farm	IE_0927	Mussels	-	EMOOnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
370	Ireland	Farm	IE_0674	Mussels	-	EMOOnet	18	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
371	Ireland	Farm	IE_0639	Mussels	-	EMOOnet	17	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
372	Ireland	Farm	IE_0399	Oysters,Claams	-	EMOOnet	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
373	Ireland	Farm	IE_0398	Oysters,Claams	-	EMOOnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
374	Ireland	Farm	IE_0949	Oysters	-	EMOOnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
375	Ireland	Farm	IE_2061	Oysters	-	EMOOnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
376	Ireland	Farm	IE_0503	Oysters	-	EMOOnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
377	Ireland	Farm	IE_0504	Oysters	-	EMOOnet	12	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
378	Ireland	Farm	IE_0490	Oysters,Claams	-	EMOOnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
379	Ireland	Farm	IE_0491	Oysters,Claams	-	EMOOnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
380	Ireland	Farm	IE_0964	Oysters	-	EMOOnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
381	Ireland	Farm	IE_0495	Oysters	-	EMOOnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
382	Ireland	Farm	IE_0969	Oysters	-	EMOOnet	8	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
383	Ireland	Farm	IE_0483	Oysters	-	EMOOnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
384	Ireland	Farm	IE_0484	Oysters	-	EMOOnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
385	Ireland	Farm	IE_0485	Oysters	-	EMOOnet	11	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
386	Ireland	Farm	IE_0481	Oysters	-	EMOOnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			
387	Ireland	Farm	IE_0489	Oysters,Claams	-	EMOOnet	10	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No			

ID	Location	Type	Reference	Developer	Project Title	Public Domain Link (where relevant) or Data Source/Layer	Actual distance from Oriel Application Boundary (km)	Status of Project (as of 04/2024 - 11/2024)	Tier	Within Zolt 27	Progress to Stage 27	Stage 1		Stage 2						
												Licensable Period		Spatial/temporal overlap with Project			Further Consideration required because potential for spatial/temporal overlap?	Scale and nature of development likely to have significant effect? (If no, please provide justification)	Other factors?	Progress to Stage 34
												Start date	Licence Expiration Date	Overlap with Planning Application Boundary	Temporal overlap with construction (04/2024 - 11/2024)	Temporal overlap with operation (2025-2026)				
388	Ireland	Farm	IE_0173	Oysters	-	EMOOrtel	9	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No
389	Ireland	Farm	IE_1094	Mussels	-	EMOOrtel	13	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No
390	Ireland	Farm	IE_0276	Mussels	-	EMOOrtel	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No
391	Ireland	Farm	IE_0277	Mussels	-	EMOOrtel	16	Unknown	Tier 1	Yes	Yes	Unknown	Unknown	*	Unknown	Unknown	Yes	No. Not relevant to bats in the marine environment	N/A	No
The following have been updated since the initial search																				
392	Ireland	Cables	MAC24013	ESB	Replacement of high voltage underground cables (North Wall to Portion Dublin)	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
393	Ireland	Road Infrastructure	MAC2023004	NTA	Proposed development as part of Ringend to City Centre Bus Corridor Scheme (Ringend to City Centre)	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
395	Ireland	Cables	MAC240061	ESB	Installation of an electrical infrastructure project involving the laying of submarine cabling within the near-shore area, between Blackrock and Shellybank, Dublin Bay	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
396	Ireland	Bridge Infrastructure	MAC240014	Dublin City Council	Construction of a new cyclist bridge (Point Bridge) to the west of Tom Clarke Bridge, widening of Tom Clarke Bridge and demolition of existing and construction of a new control room building, dismantling of existing structures and demolition and construction of new vessel collision structures to the west of the proposed Point Bridge	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
397	Ireland	Coastal Infrastructure	MAC2023009	Iarnród Éireann (IE)	Coastal Protection (Marine Gates to Sperrin Point, Dublin)	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
398	Ireland	Coastal Infrastructure	MAC250028	Iarnród Éireann (IE)	Coastal Protection (Whitlock Beach to South Killiney, Dublin)	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
399	Ireland	Coastal Infrastructure	MAC250029	Iarnród Éireann (IE)	Coastal Protection (Bray Head to Greystones North Beach, Wicklow)	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>80	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
400	Ireland	Coastal Infrastructure	MAC250030	Iarnród Éireann (IE)	Coastal Protection (Kilcoole to Greystones North Beach, Wicklow)	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>80	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
401	Ireland	Coastal Infrastructure	MAC250031	Iarnród Éireann (IE)	Coastal Protection (Nearest to Wicklow Mourne, Wicklow)	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>80	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
403	Ireland	Coastal Infrastructure	MAC250027	Dún Laoghaire Rathdown County Council	Regulation of preventing Porters (Don Loughane, Dublin)	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>70	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
404	Ireland	Bridge Infrastructure	MAC240051	Iarnród Éireann	The construction of a pedestrian and cyclist bridge and a riverside boardwalks (Heaton Station)	<a href="https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/">https://www.marine regulator.ie/our-work/maritime-area-consents/mac-applications-received/</a>	>60	MAC Consent (Application)	Tier 2	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
409	Ireland	Site Investigations	MUL25003	Dún Laoghaire Rathdown County Council	Marine site investigation – for the purposes of site investigation – to undertake a suite of marine site investigations to determine the feasibility of potential future dredging	<a href="https://www.marine regulator.ie/applications/mul25003/">https://www.marine regulator.ie/applications/mul25003/</a>	>70	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
410	Ireland	Site Investigations	MUL250013	Ulster Electronics	Greater Dublin Dredging Project (Baldoyle Bay and the Irish Sea)	<a href="https://www.marine regulator.ie/applications/mul250013/">https://www.marine regulator.ie/applications/mul250013/</a>	>60	MUL (Application)	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. Not relevant to bats in the marine environment	No	No
412	Isle of Man	ORE Projects - Windfarm	-	Orsted	Moor Vannin	<a href="https://oepd.ie/moorvannin/">https://oepd.ie/moorvannin/</a>	>160 km	Planning	Tier 1	Yes	Yes	Unknown	Unknown	*	✓	✓	Yes	No. There are updates relevant to impacts to offshore bats in the EIS. Assessment was not completed.	No	No

### Other Development Details

Other Development Details													Stage 2					
ID	Location	Type	Applicant Reference	Developer	Project Details	Project Information Links	Distance from Oriel Planning Application Boundary (onshore cable route) (km)	Distance from Oriel Planning Application Boundary (onshore substation site) (km)	Status of Project (as of 04/03/2023)	Tier	Date of Consideration/Date of Application	Spatial/ temporal overlap with Oriel - Onshore Infrastructure	Other factors	Scale and nature of development likely to have significant effect				
415	Louth	Residential	314176	Louth County Council	Permission for (1) demolition of existing buildings and structures on site including 3 existing dwelling houses; (2) construction of a total of 10 new apartment dwelling units and (3) ancillary hard and soft landscaping works.	<a href="https://www.planning.ie/onlinePlanningDetails/314176">https://www.planning.ie/onlinePlanningDetails/314176</a>	1.9	2.2	Planning Consented	Tier 1	<del>21/06/2022</del> 05/01/2024	x	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome	No	
416	Louth	Communications	314826	Louth County Council	Construction of mobile and broadband tower	<a href="https://www.planning.ie/onlinePlanningDetails/314826">https://www.planning.ie/onlinePlanningDetails/314826</a>	1.4	1.7	Planning Consented	Tier 1	<del>24/09/2020</del> 28/02/2024	x	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome	No	
417	Louth	Retail/Residential	317116	Louth County Council	Demolition of 3 dwellings, 2 ground floor shop units and out building, boundary wall to Market House Lane. Alteration to road entrance and construction of 2 retail units & 28 housing units and associated site works. Site located within ACA. SFI review	<a href="https://www.planning.ie/onlinePlanningDetails/317116">https://www.planning.ie/onlinePlanningDetails/317116</a>	1.8	2.1	Planning Consented	Tier 1	<del>13/06/2021</del> 28/08/2024	x	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome	No	
418	Louth	Renewable	2360175	Strategic Power Limited	The development will consist of a renewable bio methane facility on a 2.75 hectare site to produce renewable energy and organic fertiliser.	<a href="https://apps.landtribunals.ie/onlinePlanningDetails/2360175">https://apps.landtribunals.ie/onlinePlanningDetails/2360175</a>	3.5	3.7	Planning Consented	Tier 1	<del>21/06/2022</del> Unknown	x	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome	No	
419	Louth	Residential	222228	Louth County Council	SHD Stage 3 with AIP - awaiting decision. Stage 2 Ref. No. 20179 - See separate entry in Stage 2 table. Stage 1 Ref. No. 20179 - See separate entry in Stage 2 table. An Bord Pleanála for permission development will consist of (1) construction of 272 no. residential units.	<a href="https://www.planning.ie/onlinePlanningDetails/222228">https://www.planning.ie/onlinePlanningDetails/222228</a>	1.8	2.1	Planning Consented	Tier 1	<del>21/06/2022</del> 15/06/2023	x	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome	No	
420	Louth	Commercial	22375	Louth County Council	permission for (1) demolition of existing buildings and structures on site including 3 no. existing dwelling houses at 57 Irish Street (fronting onto Irish Street), 9 Roger's Lane fronting onto Roger's Lane/Markethouse Lane and 2 no. garages.	<a href="https://www.planning.ie/onlinePlanningDetails/22375">https://www.planning.ie/onlinePlanningDetails/22375</a>	1.9	2.2	Planning Consented	Tier 1	<del>13/06/2021</del> 30/06/2022	x	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome	No	
421	Louth	Communications	22604	Louth County Council	Permission to construct a 33 meter lattice mobile and broadband tower with headframe carrying telecommunications equipment, together with associated equipment and cabinets within a 2.2metre wide fence compound with access track.	<a href="https://www.planning.ie/onlinePlanningDetails/22604">https://www.planning.ie/onlinePlanningDetails/22604</a>	1.4	1.7	Planning Consented	Tier 1	<del>21/06/2022</del> 15/09/2022	x	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome	No	
422	Louth	Residential	22833 / 317615	Louth County Council	Permission for proposed extension to existing GAA pitch consisting of 6 no. 18 meter x 10 meter pitches (3 to each side of pitch) and 2 no. 10 meter x 10 meter pitches (1 to each side of pitch) and all associated works. Significant further.	<a href="https://www.planning.ie/onlinePlanningDetails/22833">https://www.planning.ie/onlinePlanningDetails/22833</a>	4.0	4.8	Planning Consented	Tier 1	<del>29/10/2020</del> 23/06/2023	x	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome	No	
423	Meath	Utilities	2360296	Meath County Council	Permission for works associated with the proposed update of the existing Louth - Woodland 220 KV overhead powerline (OHL) between the existing Louth 220 KV substation in the townland of Monavale, County Louth and the existing Louth 220 KV substation in the townland of Woodland, County Meath. The Louth - Woodland 220 KV OHL is approximately 6.15 km long and comprises 207 steel lattice tower structures.	<a href="https://plan-online.planning.ie/onlinePlanningDetails/2360296">https://plan-online.planning.ie/onlinePlanningDetails/2360296</a>	0.0	0.0	Planning Consented	Tier 1	04/01/2024	✓	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome.	The project was screened in for assessment in the SLVIA Seaside: not significant Landscape: not significant Visual: not significant	No
424	Louth	Residential	2360237	Louth County Council	Large-scale Residential Development (LRD) Application. Permission for development to consist of the provision of a total of 122no. residential units along with provision of a c/o thc. Particulars of the development comprise as follows: (a) Site details	<a href="https://www.planning.ie/onlinePlanningDetails/2360237">https://www.planning.ie/onlinePlanningDetails/2360237</a>	1.0	1.3	Planning Consented	Tier 1	<del>24/07/2022</del> 08/09/2023	x	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome.	The project was proposed for assessment in the Transport and Road transport cumulative assessment. It was determined that the cumulative impact of the Project and traffic associated with the proposed development of the proposed residential development will be slight, which is not significant in EIA terms.	No
425	Louth	Commercial/Residential	23399	Louth County Council	Permission for the change of use of part of the ground floor from residential to restaurant use. A new rear single storey flat roof extension. New window opening to the rear of the building. New entrance to the rear of the building. New opening for kitchen extracts. New enclosed bin store. Replace existing metal roof with new metal roof. New illuminated advertising to existing building. New entrance to the rear of the building. Demolish and rebuild unsafe existing store to front. New outdoor seating area associated with change of use within existing front garden. New pedestrian access to the rear of the building. New entrance to the rear of the building with the parking area to the rear. New parking layout including electrical vehicle charging spaces and bicycle parking. Closing up of existing vehicle entrance and formation of new entrance to the rear of the building. New landscaping, drainage, ancillary site works and services.	<a href="https://www.planning.ie/onlinePlanningDetails/23399">https://www.planning.ie/onlinePlanningDetails/23399</a>	0.0	11.1	Planning Consented	Tier 1	<del>15/08/2024</del>	✓	✓	✓	Project status now changed from Planning to Consented	No major changes to project previously assessed. Decision received with conditions. Does not change the previous screening outcome		No

ID	Location	Type	Reference	Developer	Project Details	Project Information Links	Distance from Oriel Planning Application (onshore cable route) (km)	Distance from Oriel Planning Application Boundary (onshore substation site) (km)	Status of Project (as of 06/06/2023 - 00:00:00)	Tier	Within ZOI	Progress to Stage 2?	Stage 1		Stage 2		Scale and nature of development likely to have significant effects? Yes/No If no, please provide justification	Other Factors?	Progress to Stage 3/4
													Date of Consent/Date of Application	Overlap with Project Application Boundary	Temporal overlap with construction (01/2024 – 2028)	Temporal overlap with operation (2028 – 2088)			
Projects within ZOI of Onshore Cable Route (within 2km)																			
426	Louth	Industrial	23407 ABP Ref: PL15.318956	BAK Bulk Services Ltd.	Permission for 5 number Bonded Whiskey Maturation units of 4.073m <sup>2</sup> each, access roads, over ground fire water tanks, landscaped soil berms and all associated site works all accessed through an established Whiskey Maturation Facility.	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/23407/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/23407/0</a> <a href="https://www.esanning.ie/Louth/C/Agpl/ieRefDetails/23407/0">https://www.esanning.ie/Louth/C/Agpl/ieRefDetails/23407/0</a>	0.5	8.0	Consented	Tier 1	Yes	Yes	27/02/2025	✗	✓	✓	Due to the nature of the onshore infrastructure and the limited nature and extent of the project, it is considered that there is limited potential for overlap for construction and therefore significant effects to the environment are not likely to result in a substantial increase in traffic. No potential for cumulative effects to arise during operation.	No	No
427	Louth	Commercial	2360274	Ardee Bakery Investments Limited	Permission for development as follows: 1. Demolition of new projections and outbuildings associated and within the curtilage of the protected structures (Former Ardee Bread Company protected structure reference 13823007). Construction of 18 no. apartments and 1 no. house. Adoption and change of use of existing buildings to provide 2 no. retail units and 5 no. apartments.	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2360274/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2360274/0</a>	1.8	1.9	Consented	Tier 1	Yes	Yes	08/07/2024	✗	✓	✓	Remote from subject site within existing town of Ardee. The project will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No
428	Louth	Residential	24144	V & P Mathews Developments Ltd.	Permission for 47 no. two storey houses comprising 3 no. detached houses, 32 no. semi-detached houses and 12 terrace houses. Works will include all associated landscaping and site development works on a site of 1.27 hectare.	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/24144/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/24144/0</a>	1.4	2.2	Planning	Tier 1	Yes	Yes	24/03/2025	✗	✓	✓	Remote from subject site within existing town of Ardee. The project will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No
429	Louth	Residential	2460476	BKC Alliance Ltd	Permission for the demolition of a dwelling house and the erection of 21 No. Older people and persons with mobility housing units comprising of 5 no. blocks of single storey semi-detached and terrace buildings comprising 18 no. one bedroom units.	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460476/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460476/0</a>	1.1	1.2	Planning	Tier 1	Yes	Yes	16/06/2025	✗	✓	✓	Remote from subject site within existing town of Ardee. The project will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No
Projects within ZOI of Onshore Substation (within 8km)																			
430	Louth	Commercial	2423	Express Mini Mix and Skip Hire Ltd	Permission for extension of yard area and site boundaries; relocation of existing vehicular entrance and include alterations to existing roadside site boundaries; alterations to site boundaries and associated site works under planning reference number 2014.	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2423/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2423/0</a>	2.1	2.2	Consented	Tier 1	Yes	Yes	26/08/2024	✗	✓	✓	The project is of a limited scale and will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No
431	Louth	Amenity	23463	St Kevins GAA	Permission for extension to the existing changing rooms, erection of a ball stopping net, installation of waste water treatment system and a associated site works. "SI received on 28.6.24 includes change of site boundaries from original submission."	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/23463/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/23463/0</a>	3.9	4.6	Consented	Tier 1	Yes	Yes	19/08/2024	✗	✓	✓	The project is some distance from the subject site is of a limited scale and will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No
432	Louth	Solar	23483	Individual	Permission for Solar PV Energy Development of maximum export capacity 4MW to include photovoltaic panels on ground mounted framework/sport structures; one ESB Networks substation building with a height not exceeding 5.2m; underground cabling, ducting and associated works associated with the proposed development.	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/23483/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/23483/0</a>	4.5	4.5	Consented	Tier 1	Yes	Yes	16/09/2024	✗	✓	✓	The project is some distance from the subject site and will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No
433	Louth	Agriculture	2460132	Duleek Poultry Enterprises Ltd.	Planning permission to construct 1 No. Poultry Layer House together with all ancillary structures (to include 1 No. meal storage bin, stormwater attenuation tank and associated site works) and associated site works associated with the proposed development.	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460132/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460132/0</a>	4.9	4.9	Consented	Tier 1	Yes	Yes	16/09/2024	✗	✓	✓	The project is some distance from the subject site and will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No
434	Louth	Commercial	2460226	Goulding Fertilizers Ltd	Permission for the construction of three warehouse units and associated site works of c.2,000sqm adjacent to existing warehouses.	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460226/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460226/0</a>	2.0	2.2	Consented	Tier 1	Yes	Yes	06/01/2025	✗	✓	✓	The project is of limited scale and will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No
435	Louth	Horticulture	2460382	Dunleer Tidy Towns	Polycarbonate Tunnel and all associated site works.	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460382/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460382/0</a>	4.1	4.6	Consented	Tier 1	Yes	Yes	30/09/2024	✗	✓	✓	The project is of limited scale and some distance from the subject site and will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No
436	Louth	Solar	2460805	Lightsource Renewable Energy Ireland Ltd	Permission sought for a 10 year permission for a Solar PV Energy Development with associated Battery Energy Storage System (BESS) Compound with a total area of c. 108.8 ha. to include solar panels mounted on steel support structures, underground cabling and utility and other site works	<a href="http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460805/0">http://www.esanning.ie/Louth/C/Agpl/ieRefDetails/2460805/0</a>	2.9	3.0	Planning	Tier 1	Yes	Yes	19/12/2024	✗	✓	✓	The project is some distance from the subject site and will result in negligible effects on population and therefore has been screened due to minimal potential for cumulative effects to arise with the Project.	No	No

Other Development Details											Stage 1		Stage 2					
ID	Location	Type	Reference	Developer	Project Details	Project Information Links	Distance from Oriel Planning Application Boundary (onshore cable route) (km)	Distance from Oriel Planning Application Boundary (onshore substation site) (km)	Status of Project (as of 04/02/2023 - 2024)	Tier	Within Zol	Progress to Stage 2?	Date of Consent/Date of Application	Spatial temporal overlap with Oriel - Onshore Infrastructure	Scale and nature of development likely to have significant effect? Yes/No	Other Factors?	Progress to Stage 3/4	
Projects within Zol of Onshore Cable Route (within 2km)																		
426	Louth	Industrial	23407	ABP Ref PL15.318956	BAK Bulk Services Ltd.	<a href="http://www.esplanine.ie/louth/C/CaseFileRefDetails/234070">http://www.esplanine.ie/louth/C/CaseFileRefDetails/234070</a>	0.5	8.0	Consented	Tier 1	Yes	Yes	05/01/2024	*	✓	No - The project will result in some habitat loss (GA1 and BC1) and no significant effects on the environment. The new construction of maturation units and warehouses will follow a standard construction process for these buildings onsite and will be completed in accordance with the conditions of the Chief Executives Order. It is noted that an EIA screening was undertaken and concluded that having regard to the nature, scale and location of the project, there is no potential of Likely Significant Effects. The screening concluded that in the light of full implementation of mitigation measures, no adverse effects were concluded. The proposed development will be carried out and completed in accordance with the plan and guidelines adopted in the application including mitigation measures contained in the NIS and CEMP (e.g. controls for dust, noise and vibration, protection of water, groundwater and surface water, and protection of the environment). The proposed development with the Oriel Wind Farm Project will be limited.	No	No
427	Louth	Commercial	2360274	Ardee Bakery Investments Limited		<a href="http://www.esplanine.ie/louth/C/CaseFileRefDetails/23602740">http://www.esplanine.ie/louth/C/CaseFileRefDetails/23602740</a>	1.8	1.9	Consented	Tier 1	Yes	Yes	08/07/2024	*	✓	No - Works are to be undertaken in an urban built environment. A brief screening concluded that there would be no significant impacts on bats with recommended actions, which is outlined in the conditions of the grant for permission. No EIA or AA screening was undertaken. The proposed development will be managed in accordance with the conditions of the onshore construction management plan are followed. No EIA or AA screening undertaken. Therefore, cumulative effects of the proposed development with the Oriel Wind Farm Project will be limited.	No	No
428	Louth	Residential	24144	V & P Mathews Developments Ltd.		<a href="http://www.esplanine.ie/louth/C/CaseFileRefDetails/241440">http://www.esplanine.ie/louth/C/CaseFileRefDetails/241440</a>	1.4	2.2	Planning	Tier 1	Yes	Yes	28/08/2024	*	✓	No - Existing hedgerows present are to be retained (though trimming) and additional native planting installed. Surface water management is agreed by Ulster Environment. It was concluded in the Planning Report that having considered the nature, size and location of the development, there is no potential of likely significant effects on the environment and so an EIA is not required. The Planning Report also concluded that an Appropriate Assessment (Stage 2 AA) was not required for the proposed development as it did not have a significant effect individually or in combination with other plans or projects on a European site. Therefore, cumulative effects of the proposed development with the Oriel Wind Farm Project will be limited.	No	No
429	Louth	Residential	2460476	BKC Alliance Ltd		<a href="http://www.esplanine.ie/louth/C/CaseFileRefDetails/24604760">http://www.esplanine.ie/louth/C/CaseFileRefDetails/24604760</a>	1.1	1.2	Planning	Tier 1	Yes	Yes	22/08/2024	*	✓	No - Local low value habitats including the existing grassland and hedgerow scrub will be lost but will not be considered to be ecologically important. The majority of surface vegetation along the boundaries will be retained. There is the potential risk for pollution to occur to surface and groundwater bodies due to the location of the proposed development. The presence of wildlife is also likely in the absence of mitigation. If all mitigation measures specified in the submitted NIS and EIA are implemented (including measures to protect water quality, manage waste etc), significant effects are unlikely. Construction will be managed in accordance with the submitted CEMP. Therefore, cumulative effects of the proposed development with the Oriel Wind Farm Project will be limited.	No	No
Projects within Zol of Onshore Substation (within 5km)																		
430	Louth	Commercial	2423	Express Mini Mix and Skip Hire Ltd		<a href="http://www.esplanine.ie/louth/C/CaseFileRefDetails/24230">http://www.esplanine.ie/louth/C/CaseFileRefDetails/24230</a>	2.1	2.2	Consented	Tier 1	Yes	Yes	26/08/2024	*	✓	No - the proposed development is related to the extension and relocation of buildings within existing site. From the documents available, there is no ecologically important habitat being lost. It is not considered that the proposed development will be likely to have a significant effect individually or in combination with other plans or projects on a European site and as such an Appropriate Assessment (Stage 2 AA) is not required. It was concluded in the Planning Report that having considered the nature, size and location of the development, there is no real likelihood of significant effects on the environment and such an EIA is not required. Measures to reduce disturbance are outlined in the conditions of the Chief Executives Order, and so if these conditions are met, impacts will be limited. Therefore, cumulative effects of the proposed development with the Oriel Wind Farm Project will be limited.	No	No
431	Louth	Amenity	23463	St Kevins GAA		<a href="http://www.esplanine.ie/louth/C/CaseFileRefDetails/234630">http://www.esplanine.ie/louth/C/CaseFileRefDetails/234630</a>	3.9	4.6	Consented	Tier 1	Yes	Yes	19/08/2024	*	✓	No - works will have little impact on onshore biodiversity as they consist of an extension of an existing building, and the installation of a waste water treatment plan. If the mitigation measures to be adopted in the planning report are implemented in full, significant effects are unlikely. Waste water treatment plant will be operated in line with EPA Code of Practice. Therefore, cumulative effects of the proposed development with the Oriel Wind Farm Project will be limited.	No	No
432	Louth	Solar	23483	Individual		<a href="http://www.esplanine.ie/louth/C/CaseFileRefDetails/234830">http://www.esplanine.ie/louth/C/CaseFileRefDetails/234830</a>	4.5	4.5	Consented	Tier 1	Yes	Yes	16/09/2024	*	✓	No - The proposed development will be constructed on improved agricultural ground with a buffer of 10m between the site and Trees/Trees (WL2) bordering the proposed development site. The construction phase will give rise to temporary noise, vibration and visual disturbance, which may cause wildlife to avoid the area. There will be no significant long-term disturbance as a result of the proposed development during the operational phase. All existing trees and hedgerows are to be retained. It is noted that an Appropriate Assessment (Stage 2 AA) was not considered necessary as adverse effects are unlikely to occur due to the nature, scale and location of the proposed development. Compliance with conditions outlined in the Chief Executives Order such as Waste management plan, soil management plan, restoration plan, traffic management plan, will ensure that no significant impacts on onshore biodiversity will occur. Therefore, cumulative effects of the proposed development with the Oriel Wind Farm Project will be limited.	No	No
433	Louth	Agriculture	2460132	Duleek Poultry Enterprises Ltd		<a href="http://www.esplanine.ie/louth/C/CaseFileRefDetails/24601320">http://www.esplanine.ie/louth/C/CaseFileRefDetails/24601320</a>	4.9	4.9	Consented	Tier 1	Yes	Yes	16/09/2024	*	✓	No - The main habitat within the application site is currently buildings and agricultural structures. The existing poultry houses, access roads and concrete aprons around the houses. The additional poultry house will be constructed on an area of improved agricultural ground with a buffer of 10m between the western and eastern boundaries of the site const of hedgerows. The closest watercourse to the site is the Townparks Stream which flows along the western boundary of the site. The watercourse is a Site of Special Scientific Interest (SSSI). It was concluded that adverse effects on European sites were unlikely and so an NIS was not required. According to the Planner's report, an EIA was not considered to be required due to the nature, scale and location of the proposed development. Construction methods for the new structures will be standard and will follow best practice guidelines at all stages. The operation of the farm will be managed in accordance with best practice in accordance with S.1.15 of 2022 (Good Agricultural Practice for Protection of Water) regulations. Conditions outlined in the Chief Executives Order relate to manure and poultry litter management. Therefore, cumulative effects of the proposed development with the Oriel Wind Farm Project will be limited.	No	No

Other Development Details											Stage 1			Stage 2					
ID	Location	Type	Reference	Developer	Project Details	Project Information Links	Distance from Oriel Planning Application Boundary (onshore cable route) (km)	Distance from Oriel Planning Application Boundary (onshore substation site) (km)	Status of Project (as of 04/02/2023 - 2024)	Tier	Within Zon	Progress to Stage 2?	Date of Consent/Date of Application	Spatial temporal overlap with Oriel - Onshore Infrastructure	Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other Factors?	Progress to Stage 3/4		
434	Louth	Commercial	2460226	Goulding Fertilizers Ltd	Permission for the construction of three warehouse units and associated site works	<a href="http://www.eiplanning.ie/Louth/C/C/2460226/0">http://www.eiplanning.ie/Louth/C/C/2460226/0</a>	2.0	2.2	Consented	Tier 1	Yes	Yes	06/01/2025	*	✓	✓	No - The main habitats in the site include Soil and Sparse Ground (ED2) and Recolonising bare ground (ED3), with Hedgerow (WL1) and Tree (WL2) present at the site boundary. The proposed works and development will be limited and disturbance to these habitats will be minimal. It was concluded that due to the scale, nature and location of the development that an EIAR was not required. It was not considered that the proposed development would result in significant adverse effects on any Natura 2000 or Natural Heritage sites. Conditions made in the chief executives order that relate to biodiversity will mitigate effects of activities. Addendum to Detailed Construction Environmental Management Plan.	No	No
435	Louth	Horticulture	2460382	Dunleer Tidy Towns	Polycarbonate Tunnel and all associated site works	<a href="http://www.eiplanning.ie/Louth/C/C/2460382/0">http://www.eiplanning.ie/Louth/C/C/2460382/0</a>	4.1	4.6	Consented	Tier 1	Yes	Yes	30/09/2024	*	✓	✓	No - Limited extent of impacts to biodiversity receptors	No	No
436	Louth	Solar	2460805	Lightsource Renewable Energy Ireland Ltd	Permission sought for a 10 year permission for a Solar PV Energy Development with associated Battery Energy Storage System (BESS) Compound with a total site area of c. 108.6 ha, to include solar panels mounted on steel support structures, associated cabling and ducting, inverters, transformers, switchgear substations, auxiliary transformer, generator, battery storage, battery management system, BESS customer substation, battery blocks, BESS inverters and Power Conversion System (PCS) twin skid, BESS interface cabinets (BIC), generator control unit, auxiliary transformer, battery management, security fencing and security gates, CCTV, landscaping and boundary works including a sheep pen, with a 40 year operational period. Construction access to the development will be via an upgraded and widened existing access off Denycamagh Lane (south of L5174) and a widened existing access off Denycamagh Lane (south of L5174). Operation and Maintenance of the development will be from the site. The proposed development will be located on the L5174 local road. A Natura Impact Statement (NIS) has been submitted to the Planning Authority with the Application	<a href="http://www.eiplanning.ie/Louth/C/C/2460805/0">http://www.eiplanning.ie/Louth/C/C/2460805/0</a>	2.9	3.0	Planning	Tier 1	Yes	Yes	19/12/2024	*	✓	✓	No - The development will result in some habitat loss (BC1), with 440m <sup>2</sup> of hedgegrown proposed to be removed. It is noted that the development will include the planting of 172m of Native Hedgerow. Integral design measures and standard best practices pollution prevention measures have been implemented in the BAP. A detailed Construction Environmental Management Plan should be put in place. These include the submission of a construction transport management plan to oversee delivery and vehicular traffic to and from the subject site, especially during the construction phase.	No	No

Other Development Details											Stage 1		Stage 2			Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other Factors?	Progress to Stage 3/4	
ID	Location	Type	Reference	Developer	Project Details	Project Information Links	Distance from Oriel Planning Application Boundary (onshore cable route) (km)	Distance from Oriel Planning Application Boundary (onshore substation site) (km)	Status of Project (as of 08/2023 - 2028)	Tier	Within ZOI	Progress to Stage 2?	Date of Consent/Date of Application	Spatial/ temporal overlap with Oriel - Onshore	Temporal overlap with construction (Q3-2026 - 2027) 04 2029	Temporal overlap with operation (2028 - 2068)			
Projects within ZOI of Onshore Cable Route (within 1km)																			
426	Louth	Industrial	23407 ABP Ref. PL15.316956	BAK Bulk Services Ltd	Permission for 5 number Bonded Whiskey Maturation Units, bonded storage tanks, roads, over ground fire water tanks, landscaped soil berms and all associated site works as accessed through an established Whiskey Maturation Facility. The proposed devel	<a href="http://www.eplanning.louthcc.gov.uk/Details/23407/0">http://www.eplanning.louthcc.gov.uk/Details/23407/0</a>	0.5	8.0	Consented	Tier 1	Yes	Yes	05/01/2024	x	✓	✓	The proposed construction works are within the 1 km buffer of the Project are limited, therefore, there are no significant impacts likely to soil and/or groundwater. The construction of maturation units and warehouses will follow a standard construction process and will be completed in compliance with conditions.	n/a	No

Other Development Details													Stage 1			Stage 2			
ID	Location	Type	Reference	Developer	Project Details	Project Information Links	Distance from Oriel Planning Application Boundary (onshore cable route) (km)	Distance from Oriel Planning Application Boundary (onshore substation site) (km)	Status of Project (as of 04/2023 - 2023)	Tier	Within Zol	Progress to Stage 2?	Date/Date of Application	Spatial/ temporal overlap with Oriel - Onshore Infrastructure	Scale and nature of development likely to have significant effect? Yes/No If no, please provide justification	Other Factors?	Progress to Stage 3/4		
426	Louth	Industrial	23407 ABP Ref. PL15.318956	BAK Bulk Services Ltd.	Permission for 5 number Bonded Whiskey Maturation Units of 4.07ha/2 each, access roads, over ground fire water tanks, landscaped soil berms and all associated site works all accessed through an established Whiskey Maturation Facility. The proposed devel	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/234070">http://www.eplanning.ie/Louth/C/AppFileRefDetails/234070</a>	0.5	8.0	Consented	Tier 1	Yes	Yes	05/01/2024	✗	✓	✓	No - the mitigation / landscape proposals associated with this scheme will aid visual screening. Intervening vegetation and topographical changes associated with the surrounding landscape will negate cumulative visual interaction with the substation associated with the Proposed Development. No potential for cumulative interaction with onshore cables due to the screening provided by the Proposed Development as cable routing works are temporary in nature and landscape elements will be reinstated following completion of the works	No	no
430	Louth	Commercial	2423	Express Mini Mix and Skip Hire Ltd	Permission for extension of yard area and site boundaries; relocation of existing vehicular entrance to include alterations to existing roadside site boundaries; alterations to sheds previously approved under planning reference number 20/014. The alterat	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/24230">http://www.eplanning.ie/Louth/C/AppFileRefDetails/24230</a>	2.1	2.2	Consented	Tier 1	Yes	Yes	20/08/2024	✗	✓	✓	No - this proposed development would be read as part of the existing urban form of Ardee. Existing landscape features (hedges and woodland) together with localised topographical changes will negate cumulative visual interaction with the Substation element of the Proposed Development. No cumulative impact with the undergrounding of the cable route due to intervening topographical changes and vegetation cover.	No	no
431	Louth	Amenity	23463	St Kevin's GAA	Permission for extension to the existing changing room, erection of a ball playing net, installation of waste water treatment system and all associated site works. 'SFI received on 28.6.24 includes change of site boundaries from original submission.'	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/234630">http://www.eplanning.ie/Louth/C/AppFileRefDetails/234630</a>	3.9	4.6	Consented	Tier 1	Yes	Yes	19/08/2024	✗	✓	✓	No - works will have little impact as they consist of an extension of an existing building.	No	no
432	Louth	Solar	23483	Individual	Permission for Solar PV Energy Development of maximum export capacity 4MW to include photovoltaic panels on ground mounted frame support structures; one ESB Networks substation building with a height not exceeding 5.2m; underground cabling and ducting; 3	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/234830">http://www.eplanning.ie/Louth/C/AppFileRefDetails/234830</a>	4.5	4.5	Consented	Tier 1	Yes	Yes	16/09/2024	✗	✓	✓	No - this proposed development is of a low height form and would be visually screened by retained vegetation on site boundaries. Intervening landscape features and topographical changes will negate cumulative visual impact between the substation associated with the Proposed Development and the scheme. No - this proposed development would not give rise to cumulative landscape or visual effects when considering the undergrounding of the cable connection. The impact by the undergrounding of the cable connection will be reinstated following completion of construction works.	No	no
427	Louth	Commercial	2360274	Ardee Bakery Investments Limited	Permission for development as follows: 1. Demolition of rear projections & outbuildings associated and within the curtilage of the protected structures (Former Ardee Bread Company protected structure reference 13823007 and the former Shendan's Servic	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/23602740">http://www.eplanning.ie/Louth/C/AppFileRefDetails/23602740</a>	1.8	1.9	Consented	Tier 1	Yes	Yes	08/07/2024	✗	✓		No - this proposed development is surrounded by the existing built form associated with Ardee and would therefore be viewed as a localised alteration to a single building. No cumulative impact with the substation associated with the Proposed Development due to screening provided by the undergrounded cable route due to screening provided by intervening built form.	No	no
433	Louth	Agriculture	2460132	Duleek Poultry Enterprises Ltd.	Planning permission to construct 1 No. Poultry Layer House together with all ancillary structures, (to include 1 No. meal storage bin, stormwater attenuation tank and soiled water tank), and all associated site works associated with the proposed develop	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/24601320">http://www.eplanning.ie/Louth/C/AppFileRefDetails/24601320</a>	4.9	4.9	Consented	Tier 1	Yes	Yes	16/09/2024	✗	✓	✓	No - this proposed development lies to the west of Ardee and the built form associated with Ardee restricts visual interaction with the substation associated with the Proposed Development. New chicken houses would be read in combination with existing development on this site. Intervening landscape features associated with Ardee Golf Course will negate cumulative visual interaction. No - cumulative interaction with the undergrounded cable route due to screening provided by intervening landscape features.	No	no
434	Louth	Commercial	2460228	Goulding Fertilizers Ltd	Permission for the construction of three warehouse units and associated site works	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/24602280">http://www.eplanning.ie/Louth/C/AppFileRefDetails/24602280</a>	2.0	2.2	Consented	Tier 1	Yes	Yes	06/01/2025	✗	✓	✓	No - intervening landscape features and localised topographical changes negate cumulative visual interaction with the substation associated with the Proposed Development. No interaction with the proposed underground cable portion of the Proposed Development will be negated by intervening topographical changes and landscape features.	No	no
435	Louth	Horticulture	2460382	Dunleer Tidy Towns	Polycarbonate Tunnel and all associated site works	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/24603820">http://www.eplanning.ie/Louth/C/AppFileRefDetails/24603820</a>	4.1	4.6	Consented	Tier 1	Yes	Yes	30/09/2024	✗	✓	✓	No - proposed development lies on the eastern edge of Ardee and would be read as a minor element of Ardee. Built form associated with Ardee restricts visual interaction with the substation associated with the Proposed Development. New polytunnel house would be read in combination with existing development of Ardee. Intervening landscape features negate cumulative visual interaction. No - cumulative interaction with the undergrounded cable route due to screening provided by intervening landscape features.	No	no
428	Louth	Residential	24144	V & P Mathews Developments Ltd.	Permission for 47 no. two storey houses comprising 3 no. detached houses, 32 no. semi-detached houses and 12 terraced units. Works will include all associated landscaping and site development works on a site of 1.27 hectares	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/241440">http://www.eplanning.ie/Louth/C/AppFileRefDetails/241440</a>	1.4	2.2	Planning	Tier 1	Yes	Yes	28/08/2024	✗	✓	✓	No - proposed development lies on the eastern edge of Ardee. Landscape features associated with the proposed development would be read as part of Ardee. Landscape features associated with the proposed development will reduce potential for visual interaction with the substation associated with the Proposed Development. Further, intervening topographical changes and landscape features will negate cumulative visual interaction. No - cumulative interaction with the undergrounded cabling associated with the Proposed Development due to screening provided by intervening topographical changes and landscape features.	No	no
429	Louth	Residential	2460476	BKC Alliance Ltd	Permission for the demolition of a dwelling house and the erection of 22 no. Older people and persons with mobility housing units comprising of 5 no. blocks of single storey semi-detached and terrace buildings comprising 18 no. one bed apartments	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/24604760">http://www.eplanning.ie/Louth/C/AppFileRefDetails/24604760</a>	1.1	1.2	Planning	Tier 1	Yes	Yes	22/08/2024	✗	✓	✓	No - proposed development is surrounded by the existing built form associated with Ardee. No interaction with either the substation associated with the Proposed Development or the undergrounded cable route due to screening provided by intervening built form of Ardee.	No	no
436	Louth	Solar	2460805	Lightsource Renewable Energy Ireland Ltd	Permission sought for a 10 year permission for a Solar PV Energy Development with associated Battery Energy Storage System (BESS) Compound with a total site area of c. 108.6 ha, to include solar panels mounted on steel support structures, associated c	<a href="http://www.eplanning.ie/Louth/C/AppFileRefDetails/24608050">http://www.eplanning.ie/Louth/C/AppFileRefDetails/24608050</a>	2.9	3.0	Planning	Tier 1	Yes	Yes	19/12/2024	✗	✓	✓	No - the proposed form is generally low height, with existing landscape features forming the southern boundary of the site retained. This provides visual screening to the proposed development along the northern edge of the River Glyde screens this proposed development in northern views locally, with intervening landscape features and localised topographical changes negating cumulative visual interaction. The LVA that accompanied this application states that in longer distance views, potential visual impact is 'Not Significant' - further stating that 'While the Proposed Development will add an industrial element to the view when seen, the change will be seen in the distance and will not be significant where mitigation measures will help integrate the Proposed Development into its setting'. No - proposed development will not have cumulative interaction with the proposed underground cable connection works associated with the Proposed Development due to screening provided by intervening landscape elements and topographical changes.	No	no

Other Development Details											Stage 1			Stage 2			Cumulative Impact			
ID	Location	Type	Reference	Developer	Project Details	Project Information Links	Distance from Oriel Planning Application Boundary (onshore cable route) (km)	Distance from Oriel Planning Application Boundary (onshore substation site) (km)	Status of Project (as of 08/02/2023 - 2024)	Tier	Within Zol	Progress to Stage 2?	Date of Consent/Date of Application	Overlap with Project Application Boundary	Temporal overlap with construction (Q3 2023 - 2023)	Temporal overlap with operation (2023 - 2028)	Temporal overlap with operation (2029 - 2030)	Other Factors?	Progress to Stage 3/4	
Projects within Zol of Onshore Cable Route (within 2km)																				
426	Louth	Industrial	23407 ABP Ref: PL15.316956	BAK Bulk Services Ltd.	Permission for 5 number Bonded Whiskey Maturation units of 4,073m <sup>2</sup> each, access roads, over ground fire water tanks, landscaped soil berms and all associated site works all accessed through an established Whiskey Maturation Facility. The proposed devel	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/234070">http://www.eplanning.ie/LouthC/CaseFileRefDetails/234070</a>	0.5	8.0	Consented	Tier 1	Yes	Yes	05/01/2024	✗	✓	✓	✓	Adhoc traffic movements associated with this development and will be managed accordingly. Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
427	Louth	Commercial	2360274	Ardee Bakery Investments Limited	Permission for development as follows: 1. Demolition of rear projections and outbuildings associated and within the outline of the proposed structures (Former Ardee Bread Company proposed structure reference 13823007 and the former Sheridan's Servic	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/23602740">http://www.eplanning.ie/LouthC/CaseFileRefDetails/23602740</a>	1.8	1.9	Consented	Tier 1	Yes	Yes	08/07/2024	✗	✓	✓	✓	Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
428	Louth	Residential	24144	V & P Mathews Developments Ltd.	Permission for 47 no. two storey houses comprising 3 no. detached houses, 32 no. semi-detached houses and 12 terraced units. Works will include all associated landscaping and site development works on a site of 1.27 hectares	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/241440">http://www.eplanning.ie/LouthC/CaseFileRefDetails/241440</a>	1.4	2.2	Planning	Tier 1	Yes	Yes	28/08/2024	✗	✓	✓	✓	Scale of daily traffic flow from the residential development would be negligible in the context of the AADT on the N33. Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
429	Louth	Residential	2460476	BKC Alliance Ltd	Permission for the demolition of a dwelling house and the erection of 29 no. Older people and persons with limited mobility housing units consisting of 5 no. blocks of single storey semi-detached and terrace buildings comprising 18 no. one bedroom units	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/24604760">http://www.eplanning.ie/LouthC/CaseFileRefDetails/24604760</a>	1.1	1.2	Planning	Tier 1	Yes	Yes	22/08/2024	✗	✓	✓	✓	Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
Projects within Zol of Onshore Substation (within 5km)																				
430	Louth	Commercial	2423	Express Mini Mix and Skip Hire Ltd	Permission for extension of yard area and site boundaries; relocation of existing vehicular entrance to include alterations to existing roadside site boundaries, alterations to existing site boundaries under planning reference number 2014. The altera	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/24230">http://www.eplanning.ie/LouthC/CaseFileRefDetails/24230</a>	2.1	2.2	Consented	Tier 1	Yes	Yes	26/08/2024	✗	✓	✓	✓	Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
431	Louth	Amenity	23463	St Kevins GAA	Permission for extension to the existing changing rooms; erection of a ball stopping net, installation of waste water treatment system and all associated site works "SFI received on 28.6.24 includes change of site boundaries from original submission."	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/234630">http://www.eplanning.ie/LouthC/CaseFileRefDetails/234630</a>	3.9	4.6	Consented	Tier 1	Yes	Yes	19/08/2024	✗	✓	✓	✓	Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
432	Louth	Solar	23483	Individual	Permission for Solar PV Energy Development of maximum export capacity 4MW to include photovoltaic panels on ground mounted frames/support structures, one ESB Networks substation building with a height not exceeding 5.2m, underground cabling and ducting; 3	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/234830">http://www.eplanning.ie/LouthC/CaseFileRefDetails/234830</a>	4.5	4.5	Consented	Tier 1	Yes	Yes	16/09/2024	✗	✓	✓	✓	Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
433	Louth	Agriculture	2460132	Duleek Poultry Enterprises Ltd.	Planning permission to construct 1 No. Poultry Layer House together with all ancillary structures, (to include 1 No. meal storage bin, stormwater attenuation tank and associated site works) and associated site works associated with the proposed develop	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/24601320">http://www.eplanning.ie/LouthC/CaseFileRefDetails/24601320</a>	4.9	4.9	Consented	Tier 1	Yes	Yes	16/09/2024	✗	✓	✓	✓	Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
434	Louth	Commercial	2460226	Goulding Fertilizers Ltd	Permission for the construction of three warehouse units and associated site works	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/24602260">http://www.eplanning.ie/LouthC/CaseFileRefDetails/24602260</a>	2.0	2.2	Consented	Tier 1	Yes	Yes	06/01/2025	✗	✓	✓	✓	Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
435	Louth	Horticulture	2460382	Dunleer Tidy Towns	Polycarbonate Tunnel and all associated site works	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/24603820">http://www.eplanning.ie/LouthC/CaseFileRefDetails/24603820</a>	4.1	4.6	Consented	Tier 1	Yes	Yes	30/09/2024	✗	✓	✓	✓	Traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No
436	Louth	Solar	2460805	Lightsource Renewable Energy Ireland Ltd	Permission sought for a 10 year permission for a Solar PV Energy Development with associated Battery Energy Storage System (BESS) Compound with a total site area of c. 10.6 ha, to include solar panels mounted on steel support structures, associated c	<a href="http://www.eplanning.ie/LouthC/CaseFileRefDetails/24608050">http://www.eplanning.ie/LouthC/CaseFileRefDetails/24608050</a>	2.9	3.0	Planning	Tier 1	Yes	Yes	19/12/2024	✗	✓	✓	✓	I. If consent is granted, the likely haul route of the Project, traffic impact is limited and therefore there is minimal potential for cumulative effects with the Project.	No	No

ORIEL WIND FARM PROJECT – CUMULATIVE IMPACT ASSESSMENT REPORT

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**ANNEX 2: MATRIX 2**

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
Marine Processes										
Updated Projects	76	Tier 1	MAC20230003 Consented	Ireland	Port/Marine Infrastructure	Greenore Port: Doyle Shipping Group	Greenore Port Project - ORE O&M facility	Please see assessment in Table 3-2 of appendix 3-2: Cumulative Impact Assessment Report	No further mitigation proposed	No change to EIAR conclusions
	79	Tier 1	2022-MAC-005 Planning	Ireland	ORE Projects	Statkraft	North Irish Sea Array (NISA)	Please see assessment in Table 3-2 of appendix 3-2: Cumulative Impact Assessment Report	No further mitigation proposed	No change to EIAR conclusions
New Projects	254	Tier 2	MAC20240008	Ireland	Water Pipeline Projects	Uisce Éireann	Upgrade of Water Mains Infrastructure beneath River Boyne, Drogheda, Louth	Please see assessment in Table 3-2 of appendix 3-2: Cumulative Impact Assessment Report	No further mitigation proposed	No change to EIAR conclusions
	269	Tier 1	LIC230001	Ireland	ORE Site Investigations	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and export cable of the coasts of Dublin, Meath and Louth	Please see assessment in Table 3-2 of appendix 3-2: Cumulative Impact Assessment Report	No further mitigation proposed	No change to EIAR conclusions
	278	Tier 1	MUL240011	Ireland	Site Investigations	Bremore Ireland Port Designated Activity Company (BIPDAC)	Site investigations to inform the location and design of a proposed port infrastructure. Dublin and Meath	Please see assessment in Table 3-2 of appendix 3-2: Cumulative Impact Assessment Report	No further mitigation proposed	No change to EIAR conclusions

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project <i>Benthic, Subtidal and Intertidal Ecology</i>	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
Updated Projects	76	Tier 1	MAC20230003 Consented	Ireland	Port/Marine Infrastructure	Greenore Port: Doyle Shipping Group	Greenore Port Project: ORE O&M facility	Please see assessment in Table 3-4 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions
	79	Tier 1	2022-MAC-005 Planning	Ireland	ORE Projects	Statkraft	North Irish Sea Array (NISA)	Please see assessment in Table 3-4 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions
New Projects	269	Tier 1	LIC230001	Ireland	ORE Site Investigations	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and export cable of the coasts of Dublin, Meath and Louth	Please see assessment in Table 3-4 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
<i>Fish and Shellfish Ecology</i>										
Updated Projects	76	Tier 1	MAC20230003 Consented	Ireland	Port/Marine Infrastructure	Greenore Port: Doyle Shipping Group	Greenore Port Project ORE O&M facility	Please see assessment in Table 3-6 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	77	Tier 1	2022-MAC-002 Planning	Ireland	ORE Projects	Sure Partners Limited SSE Renewables	Arklow Bank Wind Park Phase 2	Please see assessment in Table 3-6 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	78	Tier 1	2022-MAC-006 Planning	Ireland	ORE Projects	Codling Wind Park Ltd.	Codling Wind Park	Please see assessment in Table 3-6 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	79	Tier 1	2022-MAC-005 planning	Ireland	ORE Projects	Statkraft	North Irish Sea Array (NISA)	Please see assessment in Table 3-6 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	80	Tier 1	2022-MAC-003 and 004 Planning	Ireland	ORE Projects	Bray Offshore Wind Limited and Kish Offshore Wind Limited RWE	Dublin Array	Please see assessment in Table 3-6 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
New Projects	269	Tier 1	LIC230001	Ireland	ORE Site Investigations	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and export cable of the coasts of Dublin, Meath and Louth	Please see assessment in Table 3-6 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
Marine Mammals										
Updated Projects	28	Tier 1	-	UK	ORE Projects - Windfarm	Consortium of EnBW and BP	R4 Project 4 (Mona)	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	29	Tier 1	-	UK	ORE Projects - Windfarm	Offshore Wind Limited, a Joint Venture between Cobra Instalaciones y Servicios, S.A. and Flotación E	R4 Project 5 (Morecambe)	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	30	Tier 1	-	UK	ORE Projects - Windfarm	Consortium of EnBW and BP	R4 Project 6 (Morgan)	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	77	Tier 1	2022-MAC-002 Planning	Ireland	ORE Projects	Sure Partners Limited SSE Renewables	Arklow Bank Wind Park Phase 2	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	78	Tier 1	2022-MAC-006 Planning	Ireland	ORE Projects	Codling Wind Park Ltd.	Codling Wind Park	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	79	Tier 1	2022-MAC-005 Planning	Ireland	ORE Projects	Statkraft	North Irish Sea Array (NISA)	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	80	Tier 1	2022-MAC-003 and 004 Planning	Ireland	ORE Projects	Bray Offshore Wind Limited and Kish Offshore Wind Limited RWE	Dublin Array	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	81	Tier 1	FS007555	Ireland	ORE Site Investigations	Sure Partners Ltd	Arklow Bank Wind Park off coast of County Wicklow	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	83	Tier 1	FS007635	Ireland	Site investigations	MaresConnect Ltd	MaresConnect Electricity Interconnector Site Investigation	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
New Projects	269	Tier 1	LIC230001	Ireland	ORE Site Investigations	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and export cable of the coast of Dublin, Meath and Louth	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	270	Tier 1	MUL230034	Ireland	ORE Site Investigations	Codling Wind Park Limited (CWPL)	Survey mobilisations to inform the location and detailed design of the proposed Codling Wind Park OWF, export cable route, potential O&M base, and other associated works - Dublin to Wicklow	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	276	Tier 1	MUL240008	Ireland	Site investigations	MaresConnect Ltd	Site investigation surveys to assess various factors associated with the interconnector project - Dublin	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	277	Tier 1	MUL240023	Ireland	Site Investigations	Iarnród Éireann	Geotechnical investigation, Geophysical site investigation surveys, ecology and marine archaeology surveys to inform design options for the proposed East Coast Rail Infrastructure Protection Projects (ECRIPPs), Dublin to Wicklow	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	278	Tier 1	MUL240011	Ireland	Site Investigations	Bremore Ireland Port Designated Activity Company (BIPDAC)	Site investigations to inform the location and design of a proposed port infrastructure, Dublin and Meath	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	285	Tier 1	MUL240010	Ireland	Site Investigations	EirGrid	Site investigations to inform design and environmental assessment of Electrical Cable Circuit crossing Dublin Bay	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
	350	Tier 1	MUL240026	Ireland	Research	Uisce Éireann	Strategic Modelling study of water currents and bathymetry, Southeast Coast of Ireland (Wexford, Waterford)	Please see assessment in Table 3-8 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
<i>Offshore Ornithology</i>										
Updated Projects	28	Tier 1	-	UK	ORE Projects - Windfarm	Consortium of EnBW and BP	R4 Project 4 (Mona)	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	29	Tier 1	-	UK	ORE Projects - Windfarm	Offshore Wind Limited, a Joint Venture between Cobra Instalaciones y Servicios, S.A. and Flotación E	R4 Project 5 (Morecambe)	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	30	Tier 1	-	UK	ORE Projects - Windfarm	Consortium of EnBW and BP	R4 Project 6 (Morgan)	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	77	Tier 1	2022-MAC-002 Planning	Ireland	ORE Projects	Sure Partners Limited SSE Renewables	Arklow Bank Wind Park Phase 2	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	78	Tier 1	2022-MAC-006 Planning	Ireland	ORE Projects	Codling Wind Park Ltd.	Codling Wind Park	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	79	Tier 1	2022-MAC-005 Planning	Ireland	ORE Projects	Statkraft	North Irish Sea Array (NISA)	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	80	Tier 1	2022-MAC-003 and 004 Planning	Ireland	ORE Projects	Bray Offshore Wind Limited and Kish Offshore Wind Limited RWE	Dublin Array	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
New Projects	256	Tier 1	-	UK	ORE Projects - Windfarm	Hexicon AB	TwinHub	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	412	Tier 1	-	UK	ORE Projects	Orsted	Moor Vannin	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	413	Tier 1	-	UK	ORE Projects	Circo Energy	Ljør floating offshore wind project	Please see assessment in section 3.5.2 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
<i>Commercial Fisheries</i>										
Updated Projects	76	Tier 1	MAC20230003 Consented	Ireland	Port/Marine Infrastructure	Greenore Port: Doyle Shipping Group	Greenore Port Project ORE O&M facility	Please see assessment in Table 3-19 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	78	Tier 1	2022-MAC-006 Planning	Ireland	ORE Projects	Cooling Wind Park Ltd.	Cooling Wind Park	Please see assessment in Table 3-19 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	79	Tier 1	2022-MAC-005 Planning	Ireland	ORE Projects	Statkraft	North Irish Sea Array (NISA)	Please see assessment in Table 3-19 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	80	Tier 1	2022-MAC-003 and 004 Planning	Ireland	ORE Projects	Bray Offshore Wind Limited and Kish Offshore Wind Limited RWE	Dublin Array	Please see assessment in Table 3-19 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
<i>Shipping and Navigation</i>										
Updated Projects	76	Tier 1	MAC20230003 Consented	Ireland	Port/Marine Infrastructure	Greenore Port: Doyle Shipping Group	Greenore Port Project - ORE O&M facility	Please see assessment in Table 3-21 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	79	Tier 1	2022-MAC-005 Planning	Ireland	ORE Projects	Statkraft	North Irish Sea Array (NISA)	Please see assessment in Table 3-21 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
New Projects	276	Tier 1	MUL240008	Ireland	Site investigations	MaresConnect Ltd	Site investigation surveys to assess various factors associated with the interconnector project - Dublin	Please see assessment in Table 3-21 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions
	278	Tier 1	MUL240011	Ireland	Site Investigations	Bremore Ireland Port Designated Activity Company (BIPDAC)	Site investigations to inform the location and design of a proposed port infrastructure. Dublin and Meath	Please see assessment in Table 3-21 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project <i>Infrastructure, Marine Recreation and Other Users</i>	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
<i>Infrastructure, Marine Recreation and Other Users</i>										
Updated Projects	76	Tier 1	MAC20230003 Consented	Ireland	Port/Marine Infrastructure	Greenore Port: Doyle Shipping Group	Greenore Port Project, ORE O&M facility	Please see assessment in Table 3-23 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions
	79	Tier 1	2022-MAC-005 Planning	Ireland	ORE Projects	Statkraft	North Irish Sea Array (NISA)	Please see assessment in Table 3-23 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions
New Projects	269	Tier 1	LIC230001	Ireland	ORE Site Investigations	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and export cable of the coasts of Dublin, Meath and Louth	Please see assessment in Table 3-23 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
<i>Seascape, Landscape and Visual Amenity</i>										
Updated Projects	79	Tier 1	2022-MAC-005 Planning	Ireland	ORE Projects	Statkraft	North Irish Sea Array (NISA)	Please see assessment in Table 3-27 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions
	83	Tier 1	FS007635	Ireland	Site investigations	MaresConnect Ltd	MaresConnect Electricity Interconnector Site Investigation	Please see assessment in Table 3-27 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions.
New Projects	269	Tier 1	LIC230001	Ireland	ORE Site Investigations	North Irish Sea Array Limited	Site investigation activities to inform development of the NISA offshore windfarm and export cable of the coasts of Dublin, Meath and Louth	Please see assessment in Table 3-27 of appendix 3-2: Cumulative Impact Assessment Report	No mitigation is proposed to address cumulative effects.	No change to EIAR conclusions

New/Updated Project	ID	Tier	Application Reference	Applicant for 'other development' and brief description				Assessment of cumulative effect with the Project	Proposed mitigation applicable to the Project including any apportionment	Residual cumulative effect
				Location	Type	Developer	Project Title			
<i>Bats in the Marine Environment</i>										
Updated Projects	78	Tier 1	2022-MAC-006 Planning	Ireland	ORE Projects	Codling Wind Park Ltd.	Codling Wind Park	Please see assessment in Table 3-29 of appendix 3-2: Cumulative Impact Assessment Report	No significant effects are predicted therefore no mitigation has been proposed.	No change to EIAR conclusions