

MWP

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**Appendix 1B - Stakeholder Consultation
and Responses
Ballynisky Wind Farm**

Ballynisky Green Energy Ltd.

December 2025

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1. Introduction

Ballynisky Green Energy Ltd. (“the Applicant”) intends to apply for planning permission to Limerick City and County Council for the proposed development of a wind energy project near Kilcolman in West Co. Limerick. It is envisaged that the development will consist of six (6) wind turbines with a maximum tip height of 158 metres, an on-site electrical substation, a grid connection route and other ancillary infrastructure.

MWP (Malachy Walsh and Partners Engineering and Environmental Consultants) have been commissioned by Ballynisky Green Energy Ltd. to undertake the design, planning application and Environmental Impact Assessment Report (EIAR) for the proposed development.

Baseline assessments and constraints studies commenced at the site in 2020 and are ongoing. These will provide the necessary information on the receiving environment at, and in the vicinity of, the site and will enable MWP to identify and evaluate environmental constraints and potential sensitivities to ensure a development with the least environmental impact is designed.

This document was prepared initially for the pre-planning consultation stage of the project to provide preliminary details on the proposed project based on information available at that time.

2. Project Overview

2.1 Developer/Applicant Details

Ballynisky Green Energy Ltd. is an innovative Irish renewable energy company based in Adare, Co. Limerick that specialises in the development of renewable energy projects, working with communities from pre-planning to operation, and creating long-lasting local partnerships. The project team has over ten years development and operational experience. The company has a highly skilled and experienced team who are committed to developing projects with successful outcomes for all stakeholders. Working with integrity and care for the local environment, the team has a strong track record, having successfully completed wind energy and other renewable projects in the West of Ireland.

2.2 Site Location

The site under consideration is located in a rural area within the townlands of Ballynisky, Ballyegny More and Graigoor. to the east of Kilcolman in West Co. Limerick. The lands are privately-owned, and predominantly used for agricultural activities, and will be subject to lease agreements with the Applicant should the development proceed.

The area surrounding the site is characterised by agricultural holdings and one-off residential dwellings. The 5MW Carrons Wind Farm is located approximately 2km west of the site.

The site is also located within a ‘Preferred Area’ for wind energy development as defined in the current Limerick County Development Plan 2022-2028.

A Site Location Map is provided in **Figure 1**.

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Figure 1: Site Location

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2.3 Access

The site is located approximately 3.5km east of Kilcolman, 6km northwest of Rathkeale and 8km southwest of Askeaton. It can be accessed from the north and west via the N69 Limerick to Listowel national primary road, the R521 Shanagolden to Newcastle West regional road and the local road network and from the south and east via the N21 Limerick to Tralee national primary road and the local road network.

2.4 Details of Proposed Development

The proposed development will involve the construction and operation of a wind farm and all associated infrastructure with an export capacity of approximately 30MW.

It is envisaged it will comprise the following components:

Key Components:

- Wind turbines with ground level foundations and crane hardstand areas;
- On-site access tracks;
- On-site interconnecting electrical cabling;
- On-site electrical substation;
- Temporary construction compound within the site;
- Meteorological mast;
- Borrow pits and spoil management areas;
- Grid connection comprising underground cable route to the existing substation at Carrons WF;
- Any required upgrades to Carrons WF substation;
- Turbine delivery route from port to site.

A preliminary layout showing the proposed locations of wind turbines, substation and grid route is shown in **Figure 2**. The current locations are based on comprehensive baseline studies and constraints analysis completed at the site to date. This layout is a first iteration following considerable refining informed by survey information obtained to date. Further layout iterations may emerge as studies progress with the possibility that the final positions of the wind turbines and other infrastructure may be adjusted to avoid or reduce environmental impacts and/or due to social and engineering issues/constraints.

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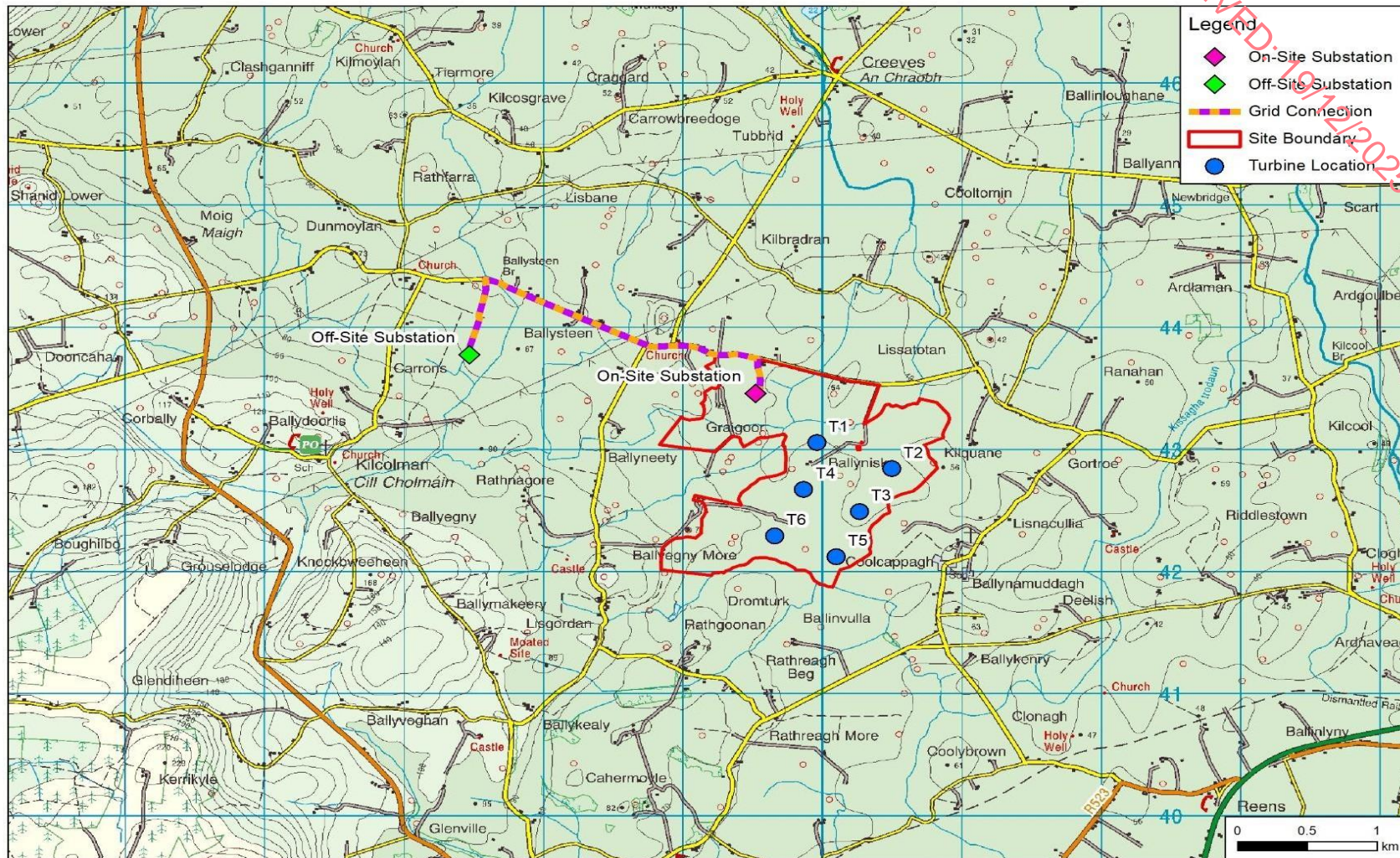


Figure 2: Preliminary Wind Farm Layout

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2.5 Consultation

Consultation with planning authorities, statutory and non-statutory government bodies and the local community and other stakeholders is currently commencing.

3. Views/Comments/Feedback

It is recognised that consultation early and often is a critical component of the EIA process and therefore we value your input at this early stage, with regard to any issues or concerns that you may have in relation to a wind energy development in this area. Comments regarding the proposed development are invited from all interested parties and can be forwarded to:

Valerie Heffernan,
Environmental Consultant,
MWP,
The Elm Suite,
Loughmore Centre,
Raheen Business Park,
Limerick V94 R578
Email: valerie.heffernan@mwp.ie

APPENDIX 1B: List of Statutory and Non-Statutory Bodies Consulted and Summary of Responses

Consultee	Response Received (Y/N)?	Response
An Taisce/The National Trust for Ireland	N	No Response Received
Bat Conservation Ireland	N	No Response Received
Birdwatch Ireland	Y	Email was forwarded to their Policy Office. No Further Response Received.
Broadcasting Authority of Ireland (BAI)	Y	The BAI does not perform an in-depth analysis of the effect of wind turbines on FM networks. However, we are not aware of any issues from existing windfarms into existing FM networks. Also, the proposed wind farm is not located close to any existing or planned FM transmission sites.
Commission for Communications Regulation	N	No Response Received
Commission for Regulation of Utilities, Water & Energy (CRU)	N	No Response Received
Department of Agriculture, Food and the Marine	N	No Response Received
Department of Agriculture, Food and the Marine - Forestry Division	N	No Response Received
Department of Enterprise, Trade and Employment	Y	Email forwarded to IDA Ireland. No Further Response Received.
Department of Environment, Climate and Communications	N	No Response Received
Department of Housing, Local Government and Heritage	N	No Response Received
Development Applications Unit, Department of Housing, Local Government and Heritage (DAU)	Y	In the event of observations, a co-ordinated heritage-related response will be received by email from Development Applications Unit (DAU).
Department of Rural and Community Development	N	No Response Received
Department of Tourism, Culture, Arts, Gaeltacht, Sport and Media	N	No Response Received
Eirgrid	N	No Response Received
National Environmental Health Service (NEHS)	Y	<p>The NEHS submitted observations regarding the Environmental Impact Assessment (EIA) scoping for the proposed 6-turbine Ballynisky Wind Farm in Co. Limerick. The NEHS advises that the Environmental Impact Assessment Report (EIAR) should follow national and EU guidelines, assess all likely significant effects (including population and human health) and provide clear descriptions of the receiving environment, mitigation measures, and residual impacts. Particular emphasis is placed on early and meaningful public consultation, with recommendations to establish a project website and ensure local communities are informed and involved.</p> <p>The NEHS highlights the importance of a proportionate assessment of health to the proposed development using a</p>

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Consultee	Response Received (Y/N)?	Response
		<p>population-based approach, rather than focusing on individuals. Positive health outcomes should also be considered.</p> <p>Guidance is also provided in relation to the detailed assessments required for the proposed development. Overall, the EIA must demonstrate comprehensive planning, public engagement, and adherence to best practice environmental and health standards.</p> <p>Further detail provided below.</p>
Failte Ireland	Y	<p>Provided a copy of Fáilte Ireland's Guidelines for the Treatment of Tourism in an EIA. To provide guidance for those conducting EIAs and compiling an EIA), or those assessing EIARs, where the project involves tourism or may have an impact upon tourism. These guidelines are non-statutory and act as supplementary advice to the EPA EIAR Guidelines.</p>
Friends of the Earth	Y	<p>Email received and brought to attention of relevant staff. No further response received.</p>

Consultee	Response Received (Y/N)?	Response
Friends of the Irish Environment	Y	Acknowledgement of email and indication a response will follow. No Further Response Received.
Geological Survey of Ireland (GSI)	Y	Attached response and list of publicly available datasets.
Health & Safety Authority (HSA)	Y	Your email will be reviewed and one of our team members will be in touch shortly. No further response has been received to date.
Health Service Executive (HSE) - Midwest Public Health	N	No Response Received, however see response above received from the National Environmental Health Service (NEHS).
Heritage Council	N	No Response Received
Inland Fisheries Ireland (IFI)	Y	Any stream crossings before access roads or grid connection should adhere to IFI guidelines. Borrow pits and spoil storage areas to be sited away from watercourses on site.
Irish Aviation Authority (IAA) (HQ)	Y	Recommendation to engage directly with Shannon Airport (including IAA-ANSP and Engineering) to make them aware of the proposal.
Irish Aviation Authority (IAA) (Shannon Centre)/Shannon Airport Authority	Y	We note the aviation review statement summary for Ballynisky wind farm. We will review and revert with any comments. Just for information, In respect of the standard IAA Aeronautical lighting requirements, you have referred to Chapter Q – Visual Aids for denoting Obstacles; CS ADR.DSN.Q.851 and GM.ADR.DSN.Q.851 (Pages 557/558) of the EASA Easy Access Rules for Aerodromes (Reg (EU) No. 139/2014). There is a new version of the Easy Access Rules for Aerodromes published since August 2022 and you may wish to update your file copy. I have attached a PDF version for your information. Details on CS ADR-DSN.Q.851 Marking and lighting of wind turbines are now found on Pages 729 & 730.
Irish Environmental Network (IEN)	N	No Response Received
Irish Farmers Association (IFA)	N	No Response Received
Irish Raptor Study Group	N	No Response Received
National Trails Advisory Committee - Sport Ireland	Y	On annual leave will reply on return. No response has been received to date.
Irish Water	Y	Noted and passed on to team for consideration.
Irish Wildlife Trust	Y	Currently no capacity to respond. They will endeavour to respond if possible. No response has been received to date.
Kerry County Council - Environment Department	N	No Response Received
Kerry County Council - Planning Department	N	No Response Received
Kerry County Council - Roads Department	N	No Response Received
Limerick Beekeepers Association	N	No Response Received
Limerick Chamber of Commerce	N	No Response Received
Limerick City and County Council - Environment, Recreation and Climate Change Department	N	No Response Received
Limerick City and County Council – Heritage Officer	N	No Response Received

Consultee	Response Received (Y/N)?	Response
Limerick City and County Council - Planning Department	N	Pre-planning consultation meeting held in 2022.
Limerick City and County Council - Roads & Traffic Department	N	No Response Received
National Monuments Service (NMS)	N	No Response Received
Office of Public Works (OPW)	N	No Response Received
Shannon Airport Authority	N	No Response Received
Southern Regional Assembly	Y	Acknowledgement of email, will forward to planning division.
Sustainable Energy Authority of Ireland	N	No Response Received
Transport Infrastructure Ireland (TII)	Y	<p>TII will endeavour to consider and respond to planning applications referred to it given its status and duties as a statutory consultee under the Planning Acts. The approach to be adopted by Transport Infrastructure Ireland (TII) in making such submissions or comments will seek to uphold official policy and guidelines as outlined in the Section 28 Ministerial Guidelines 'Spatial Planning and National Roads Guidelines for Planning Authorities' (DoECLG, 2012). Regard should also be had to other relevant guidance available at www.tii.ie.</p> <p>The issuing of this correspondence is provided as best practice guidance only and does not prejudice TII's statutory right to make any observations, requests for further information, objections or appeals following the examination of any valid planning application referred.</p> <p>No further response has been received to date.</p>
Waterways Ireland (HQ)	Y	Acknowledgement of email and it will be forwarded to the relevant service area for attention. No response has been received to date.
West Limerick Deel Anglers	N	No Response Received
West Limerick Resources	N	No Response Received

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Kate Cain

From: planning applications <planning.applications@failteireland.ie>
Sent: Friday 2 September 2022 14:44
To: Valerie Heffernan
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick
Attachments: Fáilte Ireland EIAR Guidelines.pdf

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Hello Valerie,

Thank you for your email and EIA Scoping details regarding Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

Please see attached a copy of Fáilte Ireland's Guidelines for the Treatment of Tourism in an EIA, which you may find informative for the preparation of the Environmental Impact Assessment for the proposed project. The purpose of this report is to provide guidance for those conducting Environmental Impact Assessment and compiling an Environmental Impact Assessment Reports (EIAR), or those assessing EIARs, where the project involves tourism or may have an impact upon tourism. These guidelines are non-statutory and act as supplementary advice to the EPA EIAR Guidelines outlined in section 2.

Regards,

Yvonne

Yvonne Jackson

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From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Sent: Friday 19 August 2022 16:23
To: planning applications <planning.applications@failteireland.ie>
Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>
Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

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Dear Sir/Madam,

MWP have been appointed by Ballynisky Green Energy Ltd. to complete the design, planning application and Environmental Impact Assessment Report (EIAR) for the proposed development of a wind farm containing six (6) wind turbines, a substation and a grid connection in the townlands of Ballynisky, Ballyegny More, Lissatotan and Graigoor to the east of Kilcolman, Co. Limerick.

Details of the proposed project including maps are attached.

We are currently engaging in consultation with all stakeholders to whom the proposed development may be of interest or concern. While there will be the opportunity to make submissions as part of the planning process, if there is any issue which you consider should be addressed in the EIAR, we would welcome your input at this stage.

Should you require further information, please contact the undersigned by email at Valerie.heffernan@mwp.ie or by post at MWP, The Elm Suite, Loughmore Centre, Raheen Business Park, Limerick V94 R578.

Valerie Heffernan

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Environmental Scientist

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EIAR Guidelines for the Consideration of Tourism and Tourism Related Projects



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1. Introduction

Tourism is a growing sector and substantial part of the Irish Economy. It contributes to both urban and rural economies in every part of the country. The impact and interaction of tourism with the environment is complex and the assessment of environmental impacts is of utmost importance to creating a sustainable tourism economy and protecting the natural resources that are so often a tourism attraction.

The purpose of this report is to provide guidance for those conducting Environmental Impact Assessment and compiling an Environmental Impact Assessment Reports (EIAR), or those assessing EIARs, where the project involves tourism or may have an impact upon tourism. These guidelines are non-statutory and act as supplementary advice to the EPA EIAR Guidelines outlined in section 2.

This guidance document has been prepared by Cunnane Stratton Reynolds on behalf of Fáilte Ireland to update their EIA guidelines in line with changes in legislative requirements.

2. Background to this Document

Tourism is one of the largest and most important sectors of the economy, providing employment for approximately **260,000 people**, an economic contribution of **€8.4 billion**, and exchequer revenue of **€1.78 billion** in 2018, which helps fund other key public services.

In 2018 Ireland welcomed **10.6 million overseas visitors**.

Fáilte Ireland is the National Tourism Development Authority. Fáilte Irelands role is to support the tourism industry and work to sustain Ireland as a high-quality and competitive tourism destination. They provide a range of practical business supports to help tourism businesses better manage and market their products and services.

Fáilte Ireland also work with other state agencies and representative bodies, at local and national levels, to implement and champion positive and practical strategies that will benefit Irish tourism and the Irish economy.

Fáilte Ireland promotes Ireland as a holiday destination through a domestic marketing campaign (DiscoverIreland.ie) and manage a network of nationwide tourist information centres that provide help and advice for visitors to Ireland.

Tourism related projects cover a broad range of plans, programmes and developments, from the Wild Atlantic Way to a single hotel conversion. These guidelines apply to projects involving or impacting upon tourism. A tourism plan, strategy or programme where it is part of the statutory plan making process under the Planning and Development Acts (as amended), may be more appropriately assessed by a Strategic Environmental Assessment (SEA) as discussed in the next section.

It should be borne in mind that EIA is required where there is anticipated to be a significant impact on the environment, where tourism projects are of a prescribed type or meet thresholds identified below.

Where Natura 2000 Designated Sites are potentially affected by tourism development Appropriate Assessment must be carried out by the appropriate authority in accordance with Article 6(3) of the EU Habitats Directive.

3. Legislation and Statutory Guidance

Environmental Impact Assessment is a procedure that ensures that the environmental implications of decisions are taken into account before planning based decisions are made. The assessment results in a report, called an Environmental Impact Assessment Report (EIAR).

Legislation

These guidelines are produced under current EIAR legislative requirements, having regard to Directive 2011/92/EU (known as 'Environmental Impact Assessment' – EIA Directive), as amended by Directive EU 2014/52 which came into effect in May of 2017. These requirements were transposed into Irish Law on 1 September 2018 as most of the provisions of the European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I. No. 296 of 2018) came into effect. The principle of both Directives is to ensure that plans, programmes and projects likely to have significant effects on the environment are made subject to an environmental assessment, prior to their approval or authorisation.

Statutory Guidance

In response to the changes to the EIAR requirements under Directive EU 2014/52, the Environmental Protection Agency (EPA) developed Draft guidelines on the information to be contained in Environmental Impact Assessment Reports in August 2017. At the time of this document the guidelines have not been adopted from draft.

In addition to the EPA statutory guidance, the Department of Housing has produced Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment in August 2018.

The process of EIA is set out in the EPA EIAR Guidelines, which this document should be read in conjunction with and used as supplementary guidance to. The process for ascertaining whether an EIAR is required is known as 'screening' and the process to determine the breath and scope of an EIAR is known as 'scoping'. Guidance on this can be found in Section 3.2 of the EPA Guidelines.

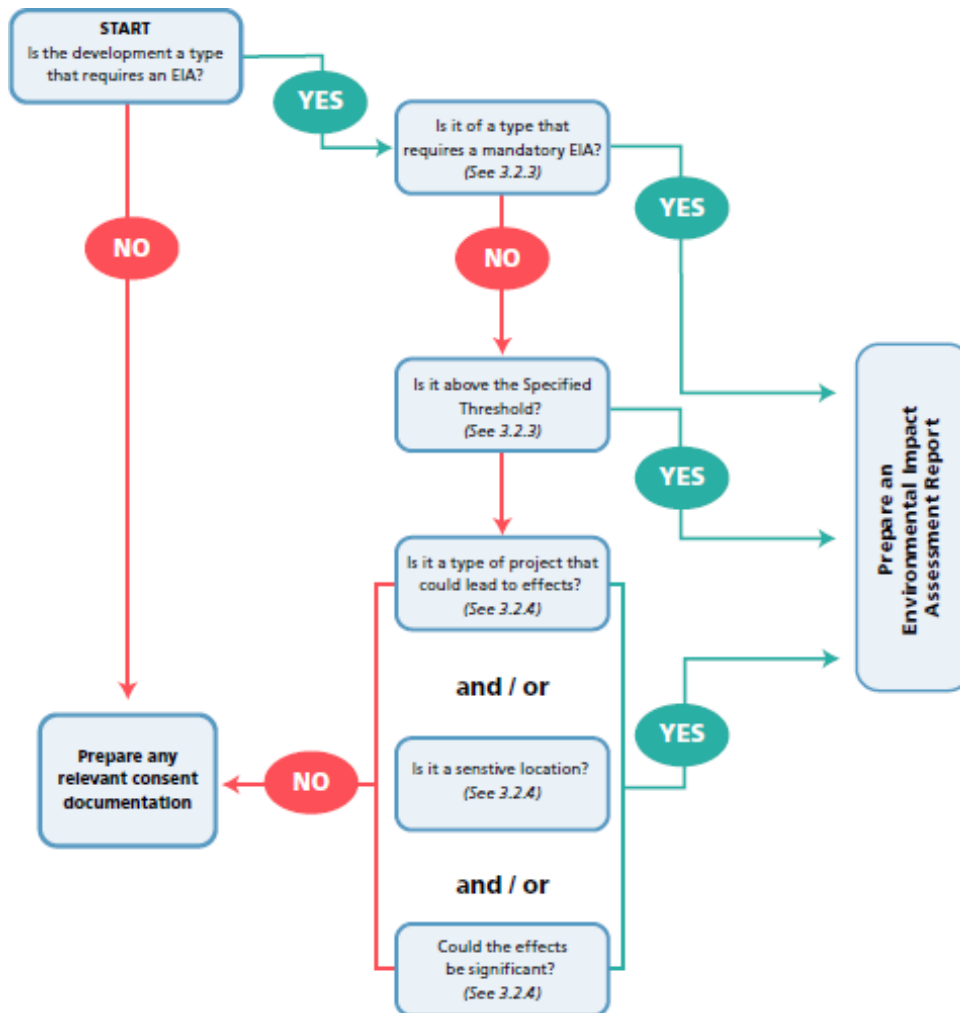
Screening

Through EIAR Screening, developments are either considered as requiring an EIAR due to the project type or because they exceed a threshold level. The screening process begins by establishing whether the proposal is a 'project' as understood by the Directive (as amended).

The prescribed development types and thresholds are set out in Annex I and II of the EIA Directive as transposed into Schedule 5 of the Planning and Development Regulations 2010-2018 (as amended). Development which do not exceed these thresholds but may require an EIAR are called sub threshold. Sub-Threshold considerations are outlined in Schedule 7 of European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I. No. 296 of 2018) as transposed from Annex III of the Directive. The Guidelines on Environmental Impact Assessment Reports note that projects at first glance may not appear to come under the Schedule

but on closer examination when the process is further examined, they may do so because of the sensitivity or significance of the receiving environment etc. Sub threshold developments require an EIAR if they are likely to have significant environmental impacts and must undergo assessment for likely significant impacts through an EIAR screening report. The contents of a screening report for subthreshold development are contained in Annex III of the EIA Directive.

Figure 1: EIAR Screening Process



(Taken from Fig 3.2 of the EPA Guidelines)

Tourism locations should be identified as sensitive receptors in screening assessments for particular impacts, depending on scale and sensitivity, as they would in a full EIAR. Section 6 below can act as guidance for Screening Reports as well as for full EIAR.

The screening process for considering where an EIAR is necessary, is summarised below in Figure 1 (excerpted from Figure 3.2 of the EPA Guidelines).

Strategic Environmental Assessment (SEA) is a more strategic level of environmental assessment that examines plans, policies, objectives and programmes specifically rather than projects. For some tourism developments it may be more appropriate that they be examined through SEA, while individual projects or specific proposals are likely to be more assessed through EIAR. If a project is part of a plan, programme or policy/objective assessed by SEA there will still be a requirement for an EIAR for that development.

EIAR Scoping

Scoping an EIAR is an opportunity to look at the breadth of issues and ensure that any areas of possible significant impact are assessed. Identifying sensitivities and stakeholders should take account of tourism facilities and consider Fáilte Ireland in scoping requests where necessary.

4. Assessing Tourism

There is no legal definition of 'tourism' in Irish legislation. The UNWTO definition of sustainable tourism is "*Tourism that takes full account of its current and future economic, social and environmental impacts, addressing the needs of visitors, the industry, the environment and host communities*". This is widely accepted as a key definition of tourism as we move to a more sustainable future.

Tourism assessments are frequently carried out by economic consultants and by specific tourism consultants. It is always advisable, particular for tourism projects, that suitably qualified and experienced personnel are used to determine the impact of tourism related projects or to assess the impact of more general proposals on a tourism asset identified in a particular location. There is a requirement for EIAR under current legislation to contain a statement of competency within all EIAR documents, including screening and scoping reports.

Projects which involve a tourism element

Tourism projects are wide ranging and diverse. While there are some projects which cater to tourism and are easily identified as such - Hotels, Museums, etc. there are other projects where tourism is a key service or element, but which may not be immediately obvious - forest trails, community facilities and others. EIAR conducted for developments containing tourist elements should be completed in accordance with the current guidance from the EPA.

Projects which include a tourism element have potential particular environmental effects which differ from a non-tourism development. These impacts can be intermittent, event related, inconsistent, dependent on weather, temporal, temporary or seasonal. This is considered within the prescribed environmental topics for EIAR outlined in Section 7 below.

Projects which may have an impact upon tourism

While tourism projects may be diverse, the projects which can impact tourism are considerably more wide ranging, from large infrastructural developments to local energy developments. Disruption to or suppression of a tourist resource or amenity can have very local or more strategic impacts, directly or indirectly- for example energy projects in a rural area can have both a negative and positive impact in different regards. There can be temporary, periodic or even seasonal impacts occurring during construction or operational periods.

According to the Fáilte Ireland Tourism Facts 2018 Report, the most important factors in determining the attractiveness of tourism destinations for visitors to Ireland are;

- Beautiful Scenery and Unspoiled Environment
- Hospitality
- Safety
- Nature, Wildlife and Natural Attractions
- History and Culture
- Pace of Life

These factors used for the promotion of tourism in Ireland are also barometers of sensitivity to change in tourism sensitive or dominant locations where development may have an impact upon the tourism asset. The potential for development to impact these sensitivities, and the environmental criteria under which they can be considered, are identified in section 7 of the guidelines.

5. Guiding Principles of EIAR

As outlined in the EPA Draft EIAR Guidelines, the fundamental principles to be followed when preparing an EIAR, including screening and scoping, are:

- Anticipating, avoiding and reducing significant effects
- Assessing and mitigating effects
- Maintaining objectivity
- Ensuring clarity and quality
- Providing relevant information to decision makers
- Facilitating better consultation.

Environmental assessment should be undertaken in accordance with the European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018.

6. Consideration of Competency and Qualifications

As per Section 2.5 of the EPA Guidelines, EIAR is required to be completed by 'competent experts'.

Contributors to the preparation of environmental impact assessment reports, including screening and scoping assessments, should be qualified and competent. Sufficient expertise, in the relevant field of the project concerned, is required for the purpose of its examination by the competent authorities in order to ensure that the information provided by the developer is complete and of a high level of quality so that a full and proper assessment can be undertaken.

For tourism related projects, or projects likely to affect tourism assets, competent experts in the area of tourism should be utilised in the environmental assessment.

The competency of all involved in the production of an EIAR or any related report (eg. Screening and scoping) is required to be stated at the beginning of the EIAR report with further details as necessary in each following chapter.

Where tourism projects involve for example heritage or cultural components, input from heritage consultants, conservation architects, or historians may be required.

7. EIAR Requirements

The following are the key requirements for an EIAR under the current guidance. This is not a definitive list and should be read in conjunction with regulations.

- project description;
- assessment of alternatives considered;

- baseline assessment;
- impact assessment;
- cumulative impact
- interaction of impacts
- mitigation.

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Project Description

Project descriptions are required to describe the whole project including site, scale, design and key factors. It is important that the EIAR and design team have a consistent understanding of the development description in full. The key requirements are outlined in section 3.5 of the EPA Guidelines however they identify the following;

- the location of the project
- the physical characteristics of the whole project
- the main characteristics of the operational phase of the project
- an estimate, by type and quantity, of the expected residues and emissions

The location of the project should include identifying key sensitive receptors (including tourism receptors). In the operational phase of the project any tourism based, or potentially tourism related activity, should be identified.

Assessment of Alternatives

The assessment of alternatives is a requirement of EIAR

Where tourism projects are location dependent the assessment of alternatives should consider alternative methods and technologies, detail the key considerations culminating in the selection of the design, the reasoning for these and the environmental effect of these decisions. This is particularly important for tourism projects which are often location tied. The developer is expected to consider reasonable alternatives. What is considered reasonable may vary from case to case.

Baseline Assessment

Baseline descriptions are evidence based, current descriptions of environmental characteristics with consideration of likely changes to the baseline environment evidenced in planning histories, unimplemented permissions, and applications pending determination. Baseline assessments should identify any tourism sensitivities in the zone of influence of a development. This zone of influence of a development is highly dependant on its **Context, Character, Significance, and Sensitivity**, as outlined in the Draft Guidelines. These characteristics apply to both the development and the environment.

For example, in a tourism context;

The location of sensitive tourism resources that are likely to be directly affected should be highlighted, and other premises which although located elsewhere, may be the subject of in combination impacts such as alteration of traffic flows or increased urban development.

The character of an area from a tourism perspective should be described and the principal types of tourism in the area. Where relevant, the specific environmental resources or attributes in the existing environment which each group uses or values should be stated and where relevant, indicate the time, duration or seasonality of any of those activities.

The significance of the tourism assets or activities likely to be affected should be highlighted. Reference to any existing formal or published designation or

recognition of such significance should be. Where possible the value of the contribution of such tourism assets and activities to the local economy should be provided.

If there are any significant concerns or opposition to the development known to exist among tourism stakeholders and interest groups, this should be highlighted. Identify, where possible, the particular aspect of the development which is of concern, together with the part of the existing tourism resource which may be threatened or impacted.

In addition, the baseline should include any methodologies employed in the study to obtain information, if particular databases are used to locate sensitive receptors they should be acknowledged. In relation to tourism information, the suggested information sources at the end of this document are a non-exhaustive list which may be of assistance in identifying tourism receptors.

Impact Assessment

The topics for consideration of impact are prescribed in the EIA Directive and transcribed into Irish law by the European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I. No. 296 of 2018). Impact assessment should contain the likely significant effects of a development arising from both construction and operation of a development. Advice on describing the effects is contained within the Draft Guidelines and includes the **quality, significance, extent, probability, type** and **duration** of the effect, with particular descriptors for each. In describing effects upon tourism receptors these descriptors should take account of the particular aspects and sensitivities of tourism, for example a temporary annual effect from a development may have different impacts upon tourism if it falls at peak season rather than off-peak.

Impact assessment should be carried out as per EPA guidelines and the best practice for that prescribed topic. It may be considered appropriate to consider impact on tourism assets under the 'material assets' topic below.

Population and Human Health

The consideration of tourism projects within the Population and Human Health is extensive, with impacts ranging from rural employment population impacts of seasonal tourism, to the health impact of air pollution from increased traffic in urban areas.

The impact upon tourism can be considered within this section through the sensitivities of Hospitality, Safety and Pace of Life. Changes in population can impact the perception of pace of life or safety in a particular location. Impacts upon these issues in areas which rely heavily on tourism or have a particular sensitive tourism generator should be considered in this section.

Biodiversity

Particular tourist activities can have a significant impact upon biodiversity. Landscapes which are 'unspoiled' can be attractors of tourism. However, the disturbance to ecology must be managed to minimise impact. Biodiversity is also a tourism asset and should be protected as such from other development and should be provided for in proposals where possible.

Land, Soils and Geology

A link between tourism and this prescribed environmental factor, beyond the normal development impacts, is rare, however particular activities or facilities which use geological features may have an impact upon soils and geology, such as mountain biking trails, recreational uses of old quarries etc. Indirect impacts such as material use for extensive landscaping and public realm should also be considered.

Water

Tourism uses can be water intense, depending on development type. Recreational use of a surface water feature, water-based leisure centres etc have different impacts to standard development.

Air Quality and Climate

Tourism impact upon air quality is dependent on activity proposed and sensitivity of the location.

Noise and Vibration

A link between tourism and this prescribed environmental factor, beyond the normal development impacts, is rare, however the impact upon tourism of issues of noise and vibration can be significant. Construction adjoining hotels for example should consider the sensitivity of the development and ensure mitigation is in place.

Material Assets; Traffic and Transport

The different transport patterns associated with tourism activities is a key impact of tourism and should be considered especially for tourism projects. These produce temporal and seasonal changes on the norm and specialist consideration and interpretation should be given. Tourism proposals should, where possible, be well served by public transport and should be accessible by modes other than the car. The impact of traffic on tourism assets can be substantial and can vary in severity according to season, the weather, etc. The impact of construction traffic can be a particular concern in tourism sensitive areas in terms of noise pollution and visual impact. The construction programme of developments should work to avoid peak tourism periods in tourism areas and should consider planned or anticipated tourism events and festivals.

Cultural Heritage

Cultural heritage can be a key component of tourism projects and the impact of tourism on the maintenance of cultural heritage should be given the utmost consideration, whether positive or negative. As a tourism attraction, cultural heritage should be strongly considered in non-tourism developments and the impact upon tourism considered as a potential impact.

Archaeology

Archaeology can be of tourism interest and can be an attractive or key component of tourism projects. Archaeology can be a tourism attractor but is generally not kept in situ except in key cases which could also be considered under cultural heritage.

Material Assets; Waste Management

Tourism is a resource heavy activity and can impact waste streams and waste segregation. Impacts here should be considered strongly and with knowledge of the variation that arises from the particular tourist activity. Waste and Waste disposal issues can also impact the perception of an unspoiled environment, effecting tourism, which should be considered.

Material Assets

Material assets are utilities and infrastructure. Tourism itself could be considered a material asset as its impact upon the economy and the infrastructure in place to support it is a material consideration in assessing economic impact.

Landscape

The visual impact of a tourism development, especially in locations which are visually sensitive or renowned for their scenic or landscape beauty, should be considered carefully. A

development intended to utilise or enjoy a particular vista or environment should minimise impact upon that environment.

Major Accident and Natural Disaster

There is a requirement for tourist developments to describe expected significant effects on the environment of the proposed development's vulnerability to major accidents and/or natural disasters relevant to it. Where appropriate measures should be identified to prevent or mitigate the significant adverse effects of such accidents or disasters, including resulting from climate change, on the environment and detail the preparedness for the proposed response.

Interaction of Effects

Where two or more environmental impacts combine or interact they should be considered under the prescribed topics. It is best practice to provide a table of interactions within an EIAR or EIAR Screening Report.

Mitigation

Mitigation should follow the hierarchy of minimisation in descending order of preference- Avoid, Reduce, Remedy

Avoid sensitive tourism resources- such as views, access and amenity areas including habitats as well as historical or cultural sites and structures.

Reduce the exposure of sensitive resources to excessive environmental impact

Reduce the adverse effects to tourism land uses and patterns of activities, especially through interactions arising from significant changes in the intensity of use or contrasts of character or appearance.

Remedy any unavoidable significant residual adverse effects on tourism resources or activities.

Mitigation measures must be measurable and achievable within the bounds of the project.

Cumulative Impact

The cumulative impact is that of the project combined with any known likely project which will interact or compound an environmental impact.

Transboundary Impact

Transboundary impacts should be included in EIAR. In the case of tourism, especially international travel, the transboundary impacts may not be proximate to the EIAR site.

8. Sources of information on Tourism

Information available online

Fáilte Ireland

Fáilte Ireland offers detailed research analysis and insights into the Irish Tourism Industry. The National Tourism Development Authority has a portfolio of research across a number of areas including facts and figures, briefing papers and reports and visitor feedback. The Fáilte Ireland website has a dedicated research library which can be accessed [here](#)

Tourism Ireland

Tourism Ireland is responsible for marketing the island of Ireland overseas as a holiday and business tourism destination. Tourism Ireland publishes a range of research documents including; visitor facts and figures, seasonal updates and industry insights which are accessible [here](#)

Local Authorities

Local Authorities are an invaluable source of information. They produce tourism strategies and audits of tourism assets within their jurisdiction. Local authorities will also produce landscape and seascape studies. Protected views and prospects as well as the record of protected structures and other designated protected buildings are contained within the Statutory Development Plans.

Regional Authorities

Regional Authorities can also be consulted on high level strategic tourism and potential Regional Spatial and Economic Strategies (RSEs) should be consulted.

Central Statistics Office

The Central Statistics Office (CSO) is Ireland's national statistical office and their purpose is to impartially collect, analyse and make available statistics about Ireland's people, society and economy. The Tourism and Travel Section of the Central Statistics Office is the major source for tourism statistics in Ireland and is updated regularly.

Kate Cain

From: GSI Planning <GSIPlanning@GSI.ie>
Sent: Wednesday 7 September 2022 09:52
To: Valerie Heffernan
Cc: Clare Glanville; GSI Planning
Subject: RE: EIS 22/351 - Consultation for a Proposed Wind Energy Development near Kilcolman, Co Limerick
Attachments: 22_351 Wind Energy Development Kilcolman Co Limerick.pdf; GSI datasets relevant to EIA & SEA_20210421.pdf

RECEIVED: 19/12/2025

Dear Valerie,

With reference to your email received on the 22 August 2022, concerning the EIA Scoping Document for the Consultation for a Proposed Wind Energy Development near Kilcolman, Co Limerick, please find attached response and dataset sheet from Geological Survey Ireland.

If you have any further queries or if we can be of further assistance, please do not hesitate to contact me Trish Smullen, or my colleague Clare Glanville at GSIPlanning@gsi.ie.

Yours sincerely,

Trish Smullen
Geological Survey Ireland

From: GSI Planning <GSIPlanning@GSI.ie>
Sent: Monday 22 August 2022 10:03
To: Clare Glanville <Clare.Glanville@decc.gov.ie>; Sophie O'Connor <Sophie.OConnor@decc.gov.ie>; Brian McConnell <Brian.McConnell@gsi.ie>; Monica Lee <Monica.Lee@gsi.ie>; Taly Hunter Williams <Taly.HunterWilliams@gsi.ie>; Sean Cullen Sean.Cullen@gsi.ie; Charise McKeon Charise.McKeon@gsi.ie; Jim Hodgson jim.hodgson@gsi.ie; Eoin McGrath Eoin.McGrath@gsi.ie; Trish Smullen Trish.Smullen@gsi.ie
Cc: GSI Planning GSIPlanning@GSI.ie
Subject: EIS 22/351 - Consultation for a Proposed Wind Energy Development near Kilcolman, Co Limerick

EIS 22/351

Consultation for a Proposed Wind Energy Development near Kilcolman, Co Limerick. Request for observations by MWP. Project details are enclosed.

Regards,

John

From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Sent: Friday 19 August 2022 16:26
To: GSI Planning <GSIPlanning@GSI.ie>
Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>
Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

CAUTION: This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

Dear Sir/Madam,

MWP have been appointed by Ballynisky Green Energy Ltd. to complete the design, planning application and Environmental Impact Assessment Report (EIAR) for the proposed development of a wind farm containing six (6) wind turbines, a substation and a grid connection in the townlands of Ballynisky, Ballyegny More, Lissatotan and Graigoor to the east of Kilcolman, Co. Limerick.

Details of the proposed project including maps are attached.

We are currently engaging in consultation with all stakeholders to whom the proposed development may be of interest or concern. While there will be the opportunity to make submissions as part of the planning process, if there is any issue which you consider should be addressed in the EIAR, we would welcome your input at this stage.

Should you require further information, please contact the undersigned by email at Valerie.heffernan@mwp.ie or by post at MWP, The Elm Suite, Loughmore Centre, Raheen Business Park, Limerick V94 R578.

Valerie Heffernan

BSc, MSc, MEnvSc

Environmental Scientist

e Valerie.heffernan@mwp.ie

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The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland



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Tá eolas sa teachtaireacht leictreonach seo (agus b'fhéidir sa chomhaid ceangailte leis) a d'fhéadfadh bheith príobháideach nó faoi rún. Is le h-aghaidh an duine/na ndaoine nó le h-aghaidh an aonáin atá ainmnithe thuas agus le haghaidh an duine/na ndaoine sin amháin atá an t-eolas. Murab ionann tusa agus an té a bhfuil an teachtaireacht ceaptha dó bíodh a fhios agat nach gceadaítear nochtadh, cóipeáil, scaipeadh nó úsáid an eolais agus/nó an chomhaid seo. Más trí earráid a fuair tú an teachtaireacht leictreonach seo cuir, más é do thoil é, an té ar sheol an teachtaireacht ar an eolas láithreach. Deimhnítear leis seo freisin nár aims odh víreas sa phost seo tar éis a scanadh.

Geological Survey Ireland's Publicly Available Datasets Relevant to Planning, EIA and SEA processes
following European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018
(S.I. No. 296 of 2018)

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Geological Survey Ireland Programme	Dataset	Relevant EIA Topic	Coverage	Description / Notes / Limitations	Link to Geological Survey Ireland map viewer
Geohazards	Landslide: National landslide database and landslide susceptibility map	Land & Soil/Climate/Landscape	National	Associated guidance documentation relating to the National Landslide Susceptibility Map is also available.	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=b68f1e4a9044a5981f950e9b9c5625c
Geohazards	Groundwater Flooding (Historic)	Water	Regional	Provide information of historic flooding, both surface water and groundwater. [A lack of flooding presented in any specific location of the map only indicates that a flood has not been detected. It does not indicate that a flood cannot occur in that location at present or in the future]	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=848f83c85799436b808652f9c735b1cc
Geohazards	Groundwater Flooding (Predictive)	Water	Regional	Provides information on the probability of future karst groundwater flooding (where available). [The maps do not, and are not intended to, constitute advice. Professional or specialist advice should be sought before taking, or refraining from, any action on the basis of the flood maps]	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=848f83c85799436b808652f9c735b1cc
Geohazards	Radon Map	Land & Soils/Air	National		http://www.epa.ie/radiation/radonmap/
Geohazards	County Geological Sites as adopted by National Heritage Plan and listed in County Development Plans	Land & Soils/Landscape	Regional	All geological heritage sites identified by Geological Survey Ireland are categorised as CGS pending any further NHA designation by NPWS.	https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=a30af518e8740ab2fde2aac3c228
Geological Mapping	Bedrock geology:	Land & Soils	National	1:100,000 scale and associated memoirs.	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7012a99d2748ea9106e7ee1b6ab8d5&scale=0
Geological Mapping	Bedrock geology:	Land & Soils	Regional	1:50,000 scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7012a99d2748ea9106e7ee1b6ab8d5&scale=0
Geological Mapping	Quaternary geology: Sediments	Land & Soils	National	1:50,000 scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7012a99d2748ea9106e7ee1b6ab8d5&scale=0
Geological Mapping	Quaternary geology: Geomorphology	Land & Soils	National	1:50,000 scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7012a99d2748ea9106e7ee1b6ab8d5&scale=0
Geological Mapping	Physiographic units:	Land & Soils	National	Broad-scale physical landscape units mapped at 1:100,000 scale in order to be represented as a cartographic digital map at 1:250,000 scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=afa76a20fc54877843aca1bc075c62b
Geological Mapping	GeoUrban: Spatial geological data for the greater Dublin and Cork areas	Land & Soils	Regional	Includes 3D models	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=976f84818b79416093b6b212a850ce6&scale=0
Geological Mapping	Geotechnical database	Land & Soils	National	Digitised geotechnical and Site Investigation Reports and boreholes which can be accessed through online downloads	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=a2718be1873d47a585a3f0415b4a724c
Goldmine	Historical data sets including geological memoirs and 6" to 1 mile geological mapping records	Land & Soils/Water	National	available online	https://secure.dccae.gov.ie/goldmine/index.html
Groundwater & Geothermal	Groundwater resources (aquifers)	Water	National	Data limited to 1:100,000 scale; sites should be investigated at local scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Groundwater recharge.	Water	National	Data limited to 1:40,000 scale; sites should be investigated at local scale; long term annual average recharge	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Groundwater vulnerability.	Water	National	Data limited to 1:40,000 scale; sites should be investigated at local scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Group scheme and public supply source protection areas.	Water	National	Not all PWS / GWS have SPZ / ZOC. Check with IW / coco / NFGWS for private supplies.	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Groundwater Protection Schemes	Water	National	Data is limited to scale of 1:40,000. Data does not include all of the source protection areas	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Catchment and WFD management units.	Water	National		https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	karst specific data layers	water	National	For areas underlain by limestone, includes karst features, tracer test database; turlough water levels (gwlevel.ie).	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Wells and Springs	Water	National	Not comprehensive, there may be unrecorded wells and springs	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Groundwater body Descriptions	Water	National	Not exhaustive; only those in designated SACs; could be other GWDTs; for more information contact NPWS / EPA / site investigations	https://www.gsi.ie/en-ie/programmes-and-projects/groundwater-and-geothermal-unit/activities/understanding-ireland-groundwater/Pages/Groundwater-bodies.aspx
Groundwater & Geothermal	Geothermal Suitability maps	land & Soils/Water	National	Also, Roadmap for a Policy and Regulatory Framework for Geothermal Energy, November 2020	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=9ee46bee08de41278b90a991d60c0b9e
Marine & Coastal Unit	INFOMAR - Ireland's national marine mapping programme; providing key baseline data for Ireland's	Water	National		https://secure.dccae.gov.ie/GSI/INFOMAR_VIEWER/
Marine & Coastal Unit	CHERISH - Coastal change project (Climate, Heritage and Environments of Reefs, Islands, and Headlands)	Water	Regional		http://www.cherishproject.eu/en/
Marine & Coastal Unit	Coastal Vulnerability Index (CVI).	water / Land & Soils	Regional	Currently the project is being carried out on the east coast and will be rolled out nationally	https://www.gsi.ie/en-ie/programmes-and-projects/marine-and-coastal-unit/projects/Pages/Coastal-Vulnerability-Index.aspx
Minerals	Aggregate potential	Land & Soils/Material Assets	National	Consideration of mineral resources and potential resources as a material asset which should be explicitly recognised within the environmental assessment process	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=ee8c4c285a9413aa6f134416dc9956
Minerals	Active quarries	Land & Soils	National		https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=ee8c4c285a9413aa6f134416dc9956
Minerals	Historic mines	Land & Soils/Cultural Heritage	National	Inventory and Risk Classification 2009. Environmental Protection Agency, Economic Minerals Division and Geological Survey Ireland (DECC).	https://gis.epa.ie/EPAMaps/default?eastings=?&northings=?&lid=EPA.LEMA.Facilities.Extractive.Facilities https://www.epa.ie/enforcement/mines/
Tellus	Geochemical data; multi-element data for shallow soil, stream sediment and stream water	Land & Soils	Regional	A national mapping programme	https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=6304e122b733498b99642707f72f754
Tellus	Airborne geophysical data including radiometrics, electromagnetics and magnetics	Land & Soils	Regional	A national mapping programme	https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=6304e122b733498b99642707f72f754
Tellus	urban geochemistry mapping (Dublin SURGE project).	Land & Soils	Regional		https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=6304e122b733498b99642707f72f754

- Notes:
- The maps and data listed above are available on the Geological Survey Ireland map viewer <https://www.gsi.ie/en-ie/data-and-maps/Pages/default.aspx>
 - Please read all disclaimers carefully when using Geological Survey Ireland data
 - Geological Survey Ireland and Irish Concrete Federation published guidelines for the treatment of geological heritage in the extractive industry in 2008.



RECEIVED: 19/12/2025

Valerie Heffernan
MWP
Loughmore Centre
Raheen Business Park
Limerick V94 R578

07 September 2022

Re: Consultation for a Proposed Wind Energy Development near Kilcolman, Co Limerick
Your Ref: 22569
Our Ref:22/351

Dear Valerie,

Geological Survey Ireland is the national earth science agency and is a division of the Department of the Environment, Climate and Communications. We provide independent geological information and advice and gather various data for that purpose. Please see our [website](#) for data availability. We recommend using these various data sets, when conducting the EIAR, SEA, planning and scoping processes. Use of our data or maps should be attributed correctly to 'Geological Survey Ireland'.

With reference to your email received on the 22 August 2022, concerning the EIA Scoping Document for the Consultation for a Proposed Wind Energy Development near Kilcolman, Co Limerick, Geological Survey Ireland would encourage use of and reference to our datasets. Please find attached a list of our publicly available datasets that may be useful to the environmental assessment and planning process. We recommend that you review this list and refer to any datasets you consider relevant to your assessment. The remainder of this letter and following sections provide more detail on some of these datasets.

Geoheritage

A national inventory of geoheritage sites known as County Geological Sites (CGSs) is managed by the Geoheritage Programme of Geological Survey Ireland. CGSs, as adopted under the National Heritage Plan, include sites that are of national importance which have been selected as the very best examples for NHA (Natural Heritage Areas) designation. NHA designation will be completed in partnership with the National Parks and Wildlife Service (NPWS). CGSs are now routinely included in County Development Plans and in the GIS of planning departments, to ensure the recognition and appropriate protection of geological heritage within the planning system. CGSs can be viewed online under the Geological Heritage tab on the online [Map Viewer](#).

The audit for Co. Limerick was completed in 2022. The full report details can be found [here](#). **Our records show that there are no CGSs in the vicinity of the proposed wind energy development.**

Groundwater

Geological Survey Ireland's [Groundwater and Geothermal Unit](#), provides advice, data and maps relating to groundwater distribution, quality and use, which is especially relevant for safe and secure drinking water supplies and healthy ecosystems.

Proposed developments need to consider any potential impact on specific groundwater abstractions and on groundwater resources in general. We recommend using the groundwater maps on our [Map viewer](#) which should include: wells; drinking water source protection areas; the national map suite - aquifer, groundwater vulnerability, groundwater recharge and subsoil permeability maps. Background information is also provided in the Groundwater Body Descriptions. Please read all disclaimers carefully when using Geological Survey Ireland data.

The Groundwater Data Viewer indicates an aquifer classed as a 'Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones' underlies the proposed wind energy development.

The Groundwater Vulnerability map indicates the range of groundwater vulnerabilities within the area covered is variable. We would therefore recommend use of the Groundwater Viewer to identify areas of High to Extreme Vulnerability and 'Rock at or near surface' in your assessments, as any groundwater-surface water interactions that might occur would be greatest in these areas.



RECEIVED: 19/11/2023

[GWClimate](#) is a groundwater monitoring and modelling project that aims to investigate the impact of climate change on groundwater in Ireland. This is a follow on from a previous project (GWFlood) and the data may be useful in relation to Flood Risk Assessment (FRA) and management plans. Maps and data are available on the [Map viewer](#).

Geological Survey Ireland has completed Groundwater Protection Schemes (GWPSs) in partnership with local authorities, and there is now national coverage of GWPS mapping. A Groundwater Protection Scheme provides guidelines for the planning and licensing authorities in carrying out their functions, and a framework to assist in decision-making on the location, nature and control of developments and activities in order to protect groundwater. **The Limerick Groundwater Protection Response overview and link to the main reports is here:** <https://www.gsi.ie/en-ie/publications/Pages/Limerick-Groundwater-Protection-Scheme-Reports.aspx>.

Geological Mapping

Geological Survey Ireland maintains online datasets of bedrock and subsoils geological mapping that are reliable and accessible. We would encourage you to use these data which can be found [here](#), in your future assessments. **Please note we have recently launched QGIS compatible bedrock (100K) and Quaternary geology map data, with instructional manuals and videos. This makes our data more accessible to general public and external stakeholders. QGIS compatible data can be found in our downloadable bedrock 100k .zip file on the [Data & Maps](#) section of our website.**

Geohazards

Geohazards can cause widespread damage to landscapes, wildlife, human property and human life. In Ireland, landslides, flooding and coastal erosion are the most prevalent of these hazards. We recommend that geohazards be taken into consideration, especially when developing areas where these risks are prevalent, and we encourage the use of our data when doing so.

Geological Survey Ireland has information available on landslides in Ireland via the National Landslide Database and Landslide Susceptibility Map both of which are available for viewing on our dedicated [Map Viewer](#). Associated guidance documentation relating to the National Landslide Susceptibility Map is also available.

Geological Survey Ireland also engaged in a national project on Groundwater Flooding. The data from this project may be useful in relation to Flood Risk Assessment (FRA) and management plans, and is described in more detail under 'Groundwater' above.

Natural Resources (Minerals/Aggregates)

Geological Survey Ireland provides data, maps, interpretations and advice on matters related to minerals, their use and their development in our [Minerals section](#) of the website. The Active Quarries, Mineral Localities and the Aggregate Potential maps are available on our [Map Viewer](#).

We would recommend use of the Aggregate Potential Mapping viewer to identify areas of High to Very High source aggregate potential within the area. In keeping with a sustainable approach we would recommend use of our data and mapping viewers to identify and ensure that natural resources used in the wind farm development are sustainably sourced from properly recognised and licensed facilities, and that consideration of future resource sterilization is considered.

Guidelines

The following guidelines may also be of assistance:

- Institute of Geologists of Ireland, 2013. Guidelines for the Preparation of the Soils, Geology and Hydrogeology Chapters of Geology in Environmental Impact Statements.
- [EPA, 2022](#). Guidelines on the information to be contained in Environmental Impact Assessment Reports (EIAR)

Other Comments

Should development go ahead, all other factors considered, Geological Survey Ireland would much appreciate a copy of reports detailing any site investigations carried out. The data would be added to Geological Survey Ireland's national database of site investigation boreholes, implemented to provide a better service to the civil engineering sector. Data can be sent to the Geological Mapping Unit, at <mailto:GeologicalMappingInfo@gsi.ie>, 01-678 2795.



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I hope that these comments are of assistance, and if we can be of any further help, please do not hesitate to contact me Clare Glanville, or my colleague Trish Smullen at GSIPanning@gsi.ie.

Yours sincerely,

Dr. Clare Glanville
Senior Geologist
Geological Survey Ireland

Trish Smullen
Geoheritage and Planning Programme
Geological Survey Ireland

Enc: Table - Geological Survey Ireland's Publicly Available Datasets Relevant to Planning, EIA and SEA processes.

Kate Cain

From: O'LEARY Geraldine <Geraldine.O'LEARY@IAA.ie>
Sent: Thursday 1 September 2022 12:56
To: Valerie Heffernan
Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick.

RECEIVED: 19/12/2023

The proposed development of a wind farm containing six (6) wind turbines, a substation and a grid connection in the townlands of Ballynisky, Ballyegny More, Lissatotan and Graigoor to the east of Kilcolman, Co. Limerick.

FAO Ms. Valerie Heffernan

RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick.

Dear Ms. Heffernan,

Thank you for your letter/scoping report and request for comments in relation to the proposed wind farm containing six (6) wind turbines (max tip height of 158m), substation and a grid connection in the townlands of Ballynisky, Ballyegny More, Lissatotan and Graigoor to the east of Kilcolman, Co. Limerick.

The development appears to be approximately 18km South West of Shannon Airport, as such, it is recommended that the developer engage directly with Shannon airport (including IAA-ANSP and Engineering) to make them aware of the proposal and ensure appropriate screening from an aviation safety perspective.

It is likely that the following general observations would be proffered by the Authority during a formal planning process: In the event of planning consent being granted, the applicant should be conditioned to contact the Irish Aviation Authority to: (1) agree an aeronautical obstacle warning light scheme for the wind farm development, (2) provide as-constructed coordinates in WGS84 format together with ground and blade tip height elevations at each wind turbine location and (3) notify the Authority of intention to commence crane operations with at least 30 days prior notification of their erection.

Yours sincerely,

Deirdre Forrest

Corporate Affairs

=====

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Irish Aviation Authority
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Baile Átha Cliath 2, D02 T449,
Éire

T: +353 1 671 8655
F: +353 1 679 2934
www.iaa.ie



1st August 2022

Ms. Valerie Heffernan
Malachy Walsh & Partners
The Elm Suite
Loughmore Centre
Raheen Business Park
Limerick
V94 R578

Reference: Consultation for a Proposed Wind Energy Development near Kilcolman, Co Limerick.

Applicant: Ballynisky Green Energy Ltd.

Description: The proposed development of a wind farm containing six (6) wind turbines, a substation and a grid connection in the townlands of Ballynisky, Ballyegny More, Lissatotan and Graigoor to the east of Kilcolman, Co. Limerick.

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Eimer O'Rourke

Oifig Chláraithe:
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Uimhir Chláraithe: 211082. Áit Chláraithe: Éire
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Yours sincerely

P. P. G. O. Leary

Deirdre Forrest
Corporate Affairs

RECEIVED: 19/12/2025

Irish Aviation Authority
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11-12 D'Olier Street
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Ireland

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11-12 Sráid D'Olier
Baile Átha Cliath 2, D02 T449,
Éire

T: +353 1 671 8655
F: +353 1 679 2934
www.iaa.ie



31st August 2022

Ms. Valerie Heffernan
Malachy Walsh & Partners
The Elm Suite
Loughmore Centre
Raheen Business Park
Limerick V94 R578

**Reference: Consultation for a Proposed Wind Energy Development near
Kilcolman Co Limerick**
Applicant: Ballynisky Green Energy Ltd

Description: The proposed development of a wind farm containing six (6) wind turbines, a substation and a grid connection in the townlands of Ballynisky, Ballyegny More, Lissatotan and Graigoor to the east of Kilcolman, Co. Limerick.

Dear Sir / Madam,

I refer to the above proposed development details of which were received by the Irish Aviation Authority by email on the 22nd August 2022.

The Irish Aviation Authority (IAA) Air Navigation Services Division (ANSD) does not get involved in the planning process. The IAA ANSD is to be notified as detailed hereafter:

According to [S.I. 215 of 2005, Irish Aviation Authority \(Obstacles to Aircraft in Flight\)](#), the IAA ANSD requires any person who seeks to erect a manmade object to notify the aerodrome operator of the intended operation **at least thirty days** in advance if the structure is to be erected in the vicinity of the aerodrome or the areas around the aerodrome and other protected surfaces associated with the aerodrome. Aerodrome Operators can be contacted via [IAA AIP AD 1.3 INDEX TO AERODROMES AND HELIPORTS](#), to evaluate the impact of the intended operation on the protected airspace established for the aerodrome.

Additionally, any person who seeks to erect a manmade object in excess of 45 metres anywhere within the state above ground or water surface level must also notify the IAA ANSD of the intended crane erection **at least thirty days** in advance, as a crane

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operating at or above this height may constitute an obstacle to air navigation. The IAA ANSD can be contacted via airspace@iaa.ie.

The State requires electronic terrain and obstacle data (eTOD) in accordance with International Civil Aviation Organisation (ICAO) [Annex 15](#) requirements which shall be surveyed by [Ordnance Survey Ireland \(OSi\)](#). The cost of this OSi surveyed data is to be borne by the developer. Additionally, the following data is to be supplied once construction is planned or commenced or available to the airspace team via airspace@iaa.ie:

- The WGS84 coordinates (In degrees, minutes and seconds) for each turbine?
- Height above ground level (to blade tip) and elevation above mean sea level (to blade tip)?
- Verification if it's a standalone wind farm or is merged with others. Does the wind farm have any alternative names?
- Horizontal extent (rotor diameter) of turbines and blade length where applicable?
- Lighting of the wind farm, which turbine(s) is/are lit, and what type of lighting?

ICAO Light Type	Colour
Low-intensity Type A (fixed obstacle)	Red
Low-intensity Type B (fixed obstacle)	Red
Low-intensity Type C (mobile obstacle)	Yellow/Blue
Low-intensity Type D (follow-me vehicle)	Yellow
Low-intensity Type E	Red
Medium-intensity Type A	White
Medium-intensity Type B	Red
Medium-intensity Type C	Red
High-intensity Type A	White
High-intensity Type B	White

If you have any questions, please don't hesitate to contact the airspace team at airspace@iaa.ie.

Yours sincerely

P.P. G. O'Leary

Deirdre Forrest
Corporate Affairs

Kate Cain

From: Jane Gilleran <Jane.Gilleran@fisheriesireland.ie>
Sent: Wednesday 24 August 2022 15:09
To: Valerie Heffernan
Subject: Ballynisky
Attachments: MWP Ballynisky 24.08.2022.pdf

RECEIVED: 19/12/2025

Valerie,

Brief response to above consultation request attached.

Best regards,

Jane

Jane Gilleran
Fisheries Environmental Officer
Inland Fisheries Ireland - Limerick

Iascach Intíre Éireann
Inland Fisheries Ireland

Tel (061) 300238
Email jane.gilleran@fisheriesireland.ie
Web www.fisheriesireland.ie

Ashbourne Business Park. Dock Rd. Limerick. V94 NPEO



Iascaigh Iníre Éireann
Inland Fisheries Ireland

RECEIVED: 19/12/2025

Corporate Support Unit
Department of Environment, Climate and Communications
29-31 Adelaide Road
Dublin 2

23.08.2022

Re. MWP Consultation Request – Proposed Ballynisky Wind Energy Project

Dear Sir/Madam,

In respect of the above-named consultation request, Inland Fisheries Ireland has reviewed the application, and has the following comments and observations to make:

- Any stream crossings for access roads or grid connections should adhere to the IFI Guidelines and may be subject to the annual close season for instream works – 1st October to June 30th.
- Borrow pits and spoil storage areas should be sited away from watercourses on site.

Please do not hesitate to contact IFI should you require further detail or clarification on any matter

Yours sincerely,

Jane Gilleran

.....
Jane Gilleran
Fisheries Environmental Officer
Inland Fisheries Ireland - Limerick



Iascaigh Ináire Éireann
Inland Fisheries Ireland

RECEIVED: 19/12/2025



Kate Cain

From: Roger Woods <rwoods@bai.ie>
Sent: Monday 22 August 2022 11:59
To: Valerie Heffernan
Cc: Sinéad Ryan; Kate Cain
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

RECEIVED: 19/12/2025

Hi Valerie

The BAI does not perform an in-depth analysis of the effect of wind turbines on FM networks. However, we are not aware of any issues from existing windfarms into existing FM networks. Also, the proposed windfarms are not located close to any existing or planned FM transmission sites.

Regards

Roger Woods

Senior Executive Engineer
Broadcasting Authority of Ireland
2-5 Warrington Place
Dublin D02 XP29

Tel: 01 6441200
Fax: 01 6441299

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Tá an ríomhphost seo agus aon iatán a ghabhann leis rúnda agus is leis an duine sin amháin a bhfuil siad seolta chuige/chuici a bhaineann siad. Muna duitse an ríomhphost seo, ní ceart é a léamh ná a scaoileadh chuig aon tríú páirtí. Iarrtar ort teachtaireacht a sheoladh chuig an seoltóir nó chuig info@bai.ie, agus an ríomhphost seo a scrios.

Please consider the environment before printing this email

From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Sent: Friday 19 August 2022 16:05
To: Reception BAI <reception@bai.ie>
Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>
Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

Dear Sir/Madam,

MWP have been appointed by Ballynisky Green Energy Ltd. to complete the design, planning application and Environmental Impact Assessment Report (EIAR) for the proposed development of a wind farm containing six (6) wind turbines, a substation and a grid connection in the townlands of Ballynisky, Ballyegny More, Lissatotán and Graigoor to the east of Kilcolman, Co. Limerick.

Details of the proposed project including maps are attached.

We are currently engaging in consultation with all stakeholders to whom the proposed development may be of interest or concern. While there will be the opportunity to make submissions as part of the planning process, if there is any issue which you consider should be addressed in the EIAR, we would welcome your input at this stage.

Should you require further information, please contact the undersigned by email at Valerie.heffernan@mwp.ie or by post at MWP, The Elm Suite, Loughmore Centre, Raheen Business Park, Limerick V94 R578.

Valerie Heffernan

BSc, MSc, MIEEnvSc

Environmental Scientist

e Valerie.heffernan@mwp.ie

t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland

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Kate Cain

From: info@birdwatchireland.ie
Sent: Monday 22 August 2022 12:38
To: Valerie Heffernan
Cc: Sinéad Ryan; Kate Cain
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

RECEIVED: 19/12/2025

Hi Valerie

I have passed your mail to our Policy Office Oonagh Duggan.
She will respond to you.

Kind Regards

Valerie Lowth

FYI - I work 8am to 2pm Monday- Friday

Membership Dept/Administration

BirdWatch Ireland

Unit 20 Block D | Bullford Business Campus | Kilcoole | Greystones | A63 RW83 | Co. Wicklow | Ireland

Tel: +353 (0)1 281 9878 email: vlowth@birdwatchireland.ie

Website: www.birdwatchireland.ie

To join as a member, make a donation, volunteer or shop online visit www.birdwatchireland.ie or call us on +353 (0)1 281 9878

From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>

Sent: Friday 19 August 2022 16:04

To: info@birdwatchireland.ie

Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>

Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

Dear Sir/Madam,

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Valerie Heffernan

BSc, MSc, MIEEnvSc

Environmental Scientist

e Valerie.heffernan@mwp.ie

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The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland

MWP

RECEIVED: 19/12/2025

Kate Cain

From: Housing Manager DAU <Manager.DAU@housing.gov.ie>
Sent: Friday 19 August 2022 16:41
To: Valerie Heffernan
Cc: Sinéad Ryan; Kate Cain
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

RECEIVED: 19/12/2025

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Our Ref: G Pre00215/2022 (Please quote in all related correspondence)

A Chara

I acknowledge receipt of your recent consultation.

In the event of observations, you will receive a co-ordinated heritage-related response by email from Development Applications Unit (DAU).

The normal target turnaround for pre-planning and other general consultations is six weeks from date of receipt. In relation to general consultations from public bodies under the European Communities (Environmental Assessment of Certain Plans and Programmes) Regulations 2004 to 2011, the Department endeavours to meet deadline dates, where requested.

If you have not heard from DAU and wish to receive an update, please email manager.dau@housing.gov.ie.

Regards
Diarmuid

Diarmuid Buttimer
Executive Officer

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreachta
Department of Housing, Local Government and Heritage
Aonad na nIarratas ar Fhorbairt

Development Applications Unit

Oifigí an Rialtais
Government Offices

Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
Newtown Road, Wexford, County Wexford, Y35 AP90

—
Diarmuid.Buttimer@housing.gov.ie
Manager.DAU@housing.gov.ie

From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Sent: Friday 19 August 2022 16:18
To: Housing Manager DAU <Manager.DAU@housing.gov.ie>
Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>
Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

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Valerie Heffernan

BSc, MSc, MIEEnvSc

Environmental Scientist

e Valerie.heffernan@mwp.ie

t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland

The logo for MWP, consisting of the letters 'MWP' in a bold, blue, serif font.

Kate Cain

From: Housing Manager DAU <Manager.DAU@npws.gov.ie>
Sent: Friday 28 October 2022 12:11
To: Kate Cain
Cc: Sinéad Ryan; Valerie Heffernan
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

Follow Up Flag: Follow up
Flag Status: Flagged

A Chara,

Apologies for the delay in issuing these observations/recommendations to you but unfortunately, due to server issues, we were unable to access our Document Tracking Application systems until today

The Department is not in a position to make specific comment on this particular referral at this time and will await the completed assessment, as its not in or affecting any designated site. No inference should be drawn from this that the Department is satisfied or otherwise with the proposed activity. The Department may submit observations/recommendations at a later stage in the process.

Le meas
Diarmuid

Diarmuid Buttimer
Executive Officer

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreachta
Department of Housing, Local Government and Heritage
Aonad na nIarratas ar Fhorbairt

Development Applications Unit

Oifigí an Rialtais

Government Offices

Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90

Newtown Road, Wexford, County Wexford, Y35 AP90

Diarmuid.Buttimer@housing.gov.ie

Manager.DAU@housing.gov.ie

From: Kate Cain <kate.cain@mwp.ie>
Sent: Tuesday 18 October 2022 12:02
To: Housing Manager DAU <Manager.DAU@npws.gov.ie>
Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

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Good afternoon Diarmuid

I trust you are well?

I am just following up with regards to the mail below and the mentioned co-ordinated heritage-related response by email from Development Applications Unit (DAU).

Kind Regards,

Kate Cain
Environmental Consultant

e kate.cain@mwp.ie
t +353 (0)66 7123404 w www.mwp.ie

Park House, Bessboro Road,
Blackrock, Cork, T12 X251, Ireland



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*Registered Office: Park House, Bessboro Road, Blackrock, Cork, Ireland.
Registered in Ireland. No. 133445*

From: Housing Manager DAU <Manager.DAU@housing.gov.ie>
Sent: Friday 19 August 2022 16:41
To: Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

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Regards
Diarmuid

RECEIVED: 19/12/2025

Diarmuid Buttimer
Executive Officer

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreacht
Department of Housing, Local Government and Heritage
Aonad na nIarratas ar Fhorbairt

Development Applications Unit

Oifigí an Rialtais

Government Offices

Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
Newtown Road, Wexford, County Wexford, Y35 AP90

RECEIVED: 19/12/2025

Diarmuid.Buttimer@housing.gov.ie

Manager.DAU@housing.gov.ie

From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>

Sent: Friday 19 August 2022 16:18

To: Housing Manager DAU <Manager.DAU@housing.gov.ie>

Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>

Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

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Should you require further information, please contact the undersigned by email at Valerie.heffernan@mwp.ie or by post at MWP, The Elm Suite, Loughmore Centre, Raheen Business Park, Limerick V94 R578.

Valerie Heffernan

BSc, MSc, MIEnvSc

Environmental Scientist

e Valerie.heffernan@mwp.ie

t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland

Kate Cain

From: Carl Keating <Carl.Keating@enterprise.gov.ie> on behalf of Info <Info@enterprise.gov.ie>
Sent: Friday 19 August 2022 16:28
To: Gavin, Paul; Valerie Heffernan
Cc: Inward Investment Unit Mailbox; Marian Cassidy
Subject: FW: Consultation for a Proposed Wind Energy Development near Kilmalman, Co. Limerick
Attachments: 22569-6003-B Preliminary Project Details.pdf

RECEIVED: 19/12/2025

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A Chara

I refer to your recent e-mail enquiry below.

I have forwarded your email for **attention and direct reply** to:

Mr. Paul Gavin,
Property Manager,
IDA Ireland,
Three Park Place
Hatch Street Upper
Dublin 2
DO2 FX65

Email: paul.gavin@ida.ie

Kind Regards

Carl Keating
Aonad Seirbhíse do Chustaiméirí/Customer Services Unit

— —
An Roinn Fiontar, Trádála agus Fostaíochta
Department of Enterprise, Trade and Employment

23 Sráid Chill Dara, Baile Átha Cliath 2, D02 TD30
23 Kildare St, Dublin 2, D02 TD30
T +353 (0)1 631 2121
Carl.Keating@enterprise.gov.ie | www.enterprise.gov.ie | www.gov.ie
[LinkedIn](#) | [Twitter](#)

From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Sent: 19 August 2022 16:15
To: Info <Info@enterprise.gov.ie>

Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>

Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

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RECEIVED: 19/12/2018

Dear Sir/Madam,

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Details of the proposed project including maps are attached.

We are currently engaging in consultation with all stakeholders to whom the proposed development may be of interest or concern. While there will be the opportunity to make submissions as part of the planning process, if there is any issue which you consider should be addressed in the EIAR, we would welcome your input at this stage.

Should you require further information, please contact the undersigned by email at Valerie.heffernan@mwp.ie or by post at MWP, The Elm Suite, Loughmore Centre, Raheen Business Park, Limerick V94 R578

Valerie Heffernan

BSc, MSc, MIEEnvSc

Environmental Scientist

e Valerie.heffernan@mwp.ie

t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland



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<https://enterprise.gov.ie/en/Disclaimer/Email-Disclaimer.html>

Kate Cain

From: Friends of the Earth Ireland <info@foe.ie>
Sent: Friday 19 August 2022 16:24
To: Valerie Heffernan
Subject: Thanks for your email. Re: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

RECEIVED: 19/12/2022

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Hi, thanks for contacting Friends of the Earth.

Due to low capacity and a high volume of emails received at this email address please expect a short delay in receiving a reply. We will get back to you as soon as we can.

Best wishes,
Friends of the Earth

--

Friends of the Earth
9 Upper Mount Street | Dublin 2 | Ireland
+353-1-6394652 | www.foe.ie

Registered Charity Number 20205807

Kate Cain

From: info@foe.ie
Sent: Monday 22 August 2022 19:10
To: Valerie Heffernan
Cc: Sinéad Ryan; Kate Cain
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

RECEIVED: 19/12/2025

Hi Valerie,

Thank you for your email. I have brought it to the attention of the relevant member of staff.

Kind regards, Rose Anne White

----- Original Message -----

From: Valerie Heffernan [valerie.heffernan@mwp.ie]
Sent: 19/08/2022 16:24
To: info@foe.ie
Cc: sinead.ryan@mwp.ie; kate.cain@mwp.ie
Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

Dear Sir/Madam,

MWP have been appointed by Ballynisky Green Energy Ltd. to complete the design, planning application and Environmental Impact Assessment Report (EIAR) for the proposed development of a wind farm containing six (6) wind turbines, a substation and a grid connection in the townlands of Ballynisky, Ballyegny More, Lissatotan and Graigoor to the east of Kilcolman, Co. Limerick.

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Valerie Heffernan
BSc, MSc, MIEEnvSc
Environmental Scientist

e Valerie.heffernan@mwp.ie<mailto:Valerie.heffernan@mwp.ie> t +353 (0)61 480 164 w
www.mwp.ie<<http://www.mwp.ie>>

The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578

RECEIVED: 19/12/2025

Kate Cain

From: Contact Us <contactus@hsa.ie>
Sent: Friday 19 August 2022 16:27
To: Valerie Heffernan
Subject: Thank you for your Email.

RECEIVED: 19/12/2025

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This is an automated message, please do not respond as replies are not monitored.

Dear Customer,

Thank you for contacting the Health and Safety Authority. Your email will be reviewed and one of our team members will be in touch shortly.

Please note that we have lots of useful information on our [website](#), including guidance in relation to managing COVID-19 in the workplace. See [here](#) for more details.

Kind regards

HSA Contact Centre
Health and Safety Authority
Email: contactus@hsa.ie

Is teachtaireacht uathoibríoch í seo, ná freagair í le do thoil toisc nach ndéantar monatóireacht ar na freagraí.

A chustaiméir, a chara,

Go raibh maith agat as dul i dteagmháil leis an Údarás Sláinte agus Sábháilteachta. Léifear do ríomhphost agus beidh duine dár gcomhaltaí foirne i dteagmháil leat go luath.

Ba mhaith linn a chur in iúl duit go bhfuil go leor eolas úsáideach ar ár [suíomh gréasáin](#), treoir faoin gcaoi le dul i ngleic le COVID-19 san ionad oibre ina measc. Tá níos mó eolais [anseo](#).

Le gach dea-ghuí,

Aonad Teagmhála an Údaráis Sláinte agus Sábháilteachta
An tÚdarás Sláinte agus Sábháilteachta
Ríomhphost: contactus@hsa.ie

Kate Cain

From: watersupply <watersupply@water.ie>
Sent: Monday 22 August 2022 11:39
To: Valerie Heffernan
Cc: Sinéad Ryan; Kate Cain
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

RECEIVED: 19/12/2025

Hi Valerie,

Thank you for your email. This has been noted and passed on to our team for consideration.

Thanks and kind regards,

WSP Team
Irish Water

From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Sent: Friday 19 August 2022 16:45
To: watersupply <watersupply@water.ie>
Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>
Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

CAUTION: This email originated from outside of your organisation. Do not click links or open attachments unless you recognise the sender and are sure that the content is safe.

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Should you require further information, please contact the undersigned by email at Valerie.heffernan@mwp.ie or by post at MWP, The Elm Suite, Loughmore Centre, Raheen Business Park, Limerick V94 R578.

Valerie Heffernan

BSc, MSc, MEnvSc

Environmental Scientist

e Valerie.heffernan@mwp.ie
t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,



RECEIVED: 19/12/2020

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential, commercially sensitive and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited and may be unlawful. Irish Water accepts no liability for actions or effects based on the prohibited usage of this information. Irish Water is neither liable for the proper and complete transmission of the information contained in this communication nor for any delay in its receipt. If you received this in error, please contact the sender and delete the material from any computer. E-Mail may be susceptible to data corruption, interception and unauthorised amendment. Irish Water accepts no responsibility for changes to or interception of this e-mail after it was sent or for any damage to the recipients systems or data caused by this message or its attachments. Please also note that messages to or from Irish Water may be monitored to ensure compliance with Irish Water's policies and standards and to protect our business. Irish Water, a designated activity company limited by shares, is a subsidiary of Ervia, established pursuant to the Water Services Act 2013, having its principal place of business at Colvill House, 24-26 Talbot Street, Dublin 1.

Thank you for your attention.

Tá an fhaisnéis á seachadadh dírithe ar an duine nó ar an eintiteas chuig a bhfuil sí seolta amháin agus féadfar ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh tráchtála de a bheith mar chuid de. Tá aon athsheachadadh nó scaipeadh den fhaisnéis, aon athbhreithniú ar nó aon úsáid eile a bhaint as, nó aon ghníomh a dhéantar ag brath ar an bhfaisnéis seo ag daoine nó ag eintitis nach dóibh siúd an fhaisnéis seo, toirimiscthe agus féadfar é a bheith neamhdhleathach. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Ní ghlacann Uisce Éireann le haon dliteanas faoi ghníomh nó faoi iarmhairtí bunaithe ar úsáid thoirmiscthe na faisnéise seo. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh ceart agus iomlán na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Má fuair tú an teachtaireacht seo in earráid, más é do thoil é, déan teagmháil leis an seoltóir agus scríos an t-ábhar ó gach aon ríomhaire. Féadfar ríomhphost a bheith soghabhálach i leith truaillithe, idircheaptha agus i leith leasaithe neamhúdraithe. Ní ghlacann Uisce Éireann le haon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo i ndiaidh é a sheoladh nó as aon dochar do chórais na bhfaighteoírí déanta ag an teachtaireacht seo nó ag a ceangaltáin. Más é do thoil é, tabhair faoi deara chomh maith go bhféadfar monatóireacht a dhéanamh ar theachtairachtaí chuig nó ó Uisce Éireann chun comhlíonadh le polasaithe agus le caighdeáin Uisce Éireann a chinntiú agus chun ár ngnó a chosaint. Fochuideachta gníomhaíochta de chuid Ervia is ea Uisce Éireann atá faoi theorainn scaireanna, de bhun fhorálacha an tAcht um Sheirbhísí Uisce 2013, a bhfuil a bpríomh ionad gnó ag 24-26 Teach Colvill, Sráid na Talbóide, BÁC 1.

Go raibh maith agat as d'aird a thabhairt.

Kate Cain

From: IWT Info <info@iwt.ie>
Sent: Tuesday 23 August 2022 10:05
To: Valerie Heffernan
Subject: Re: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick
Attachments: 22569-6003-B Preliminary Project Details.pdf

RECEIVED: 19/12/2025

Dear Valerie,

Thank you for contacting us. We do not have the staff capacity to respond to this consultation at the moment but we will endeavour to respond if possible.

Kind regards,
Fabiola Vieira

On Fri, 19 Aug 2022 at 16:46, Valerie Heffernan <Valerie.Heffernan@mwp.ie> wrote:

Dear Sir/Madam,

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Valerie Heffernan

BSc, MSc, MIEEnvSc

Environmental Scientist

e Valerie.heffernan@mwp.ie

t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,

Raheen Business Park, Limerick, V94 R578, Ireland

MWP

RECEIVED: 19/12/2025

--

HELP SUPPORT OUR WORK - Join the IWT Today - <https://iwt.ie/support-us/become-a-member/>

Irish Wildlife Trust, 8 Cabra Road, Dublin 7, D07T1W2

Registered Charity (CRA) Number: 20010966

Facebook: IrishWildlifeTrust

Twitter: @irishwildlife

Phone: 01 445 7259

Kate Cain

From: Alice Byrne Kelly <abyrnekelly@southernassembly.ie>
Sent: Monday 22 August 2022 11:01
To: Valerie Heffernan
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

RECEIVED: 19/12/2025

A chara,

I wish to acknowledge receipt of the below correspondence.

This correspondence has been forwarded to the planning division for review,

Le dea-ghuí,

Alice Byrne Kelly
Clerical Officer
Corporate & Planning
Southern Regional Assembly

Working from home



Phone: +353 51 860700/701
Post: Assembly House, O'Connell Street, Waterford, X91F8PC
eMail: abyrnekelly@southernassembly.ie
Website: www.southernassembly.ie

From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Sent: Friday 19 August 2022 16:51
To: info <info@southernassembly.ie>
Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>
Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

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Valerie Heffernan

BSc, MSc, MIEEnvSc

Environmental Scientist

e Valerie.heffernan@mwp.ie

t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland

MWP

RECEIVED: 19/12/2025

Kate Cain

From: Cormac Macdonnell <cmacdonnell@sportireland.ie>
Sent: Friday 19 August 2022 16:44
To: Valerie Heffernan
Subject: Automatic reply: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

RECEIVED: 19/12/2022

CAUTION: This email originated from outside MWP. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi. I am on leave at the moment.

If you have an urgent query, please email my colleague Benny Cullen (bcullen@sportireland.ie)

If you have a query about the Innovation Ambassadors Programme please email info@creatovation.ie

Otherwise, I will be in touch on my return.

Thank you
Cormac

Innovation and EU Funding Manager
Sport Ireland

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Kate Cain

From: INFO <Information@tii.ie>
Sent: Monday 12 September 2022 16:10
To: Valerie Heffernan
Subject: RE: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

RECEIVED: 19/12/2025

Dear Ms. Heffernan,

I acknowledge receipt of your email of 19 August 2022 relating to the above EIAR Scoping exercise.

TII will endeavour to consider and respond to planning applications referred to it given its status and duties as a statutory consultee under the Planning Acts. The approach to be adopted by Transport Infrastructure Ireland (TII) in making such submissions or comments will seek to uphold official policy and guidelines as outlined in the Section 28 Ministerial Guidelines 'Spatial Planning and National Roads Guidelines for Planning Authorities' (DoECLG, 2012). Regard should also be had to other relevant guidance available at www.tii.ie.

The issuing of this correspondence is provided as best practice guidance only and does not prejudice TII's statutory right to make any observations, requests for further information, objections or appeals following the examination of any valid planning application referred.

National Strategic Outcome 2 of the National Planning Framework includes the objective to maintain the strategic capacity and safety of the national roads network. In addition, Chapter 7 'Enhanced Regional Accessibility' of the National Development Plan, 2021 – 2030, sets out the key sectoral priority of maintaining Ireland's existing national road network to a robust and safe standard for users. This requirement is further reflected in the publication of the National Investment Framework for Transport in Ireland and also the existing Statutory Section 28 Spatial Planning and National Roads Guidelines for Planning Authorities.

With respect to EIAR scoping issues, the recommendations indicated below provide only general guidance for the preparation of an EIAR, which may affect the National Roads Network.

The developer/scheme promoter should have regard, inter alia, to the following:

- Consultations should be had with the relevant Local Authority/National Roads Design Office with regard to locations of existing and future national road schemes; N21/N69 Limerick to Adare/Foynes;
- TII would be specifically concerned as to potential significant impacts the development would have on the national road network (and junctions with national roads) in the proximity of the proposed development. In accordance with official policy, proposals shall not result in the creation of new direct access to a national road or the intensification of existing direct access to national roads; note, N21, N69 and N/M20;
- The developer should assess visual impacts from existing national roads;
- The developer should have regard to any EIAR/EIS and all conditions and/or modifications imposed by An Bord Pleanála regarding road schemes in the area. The developer should in particular have regard to any potential cumulative impacts;
- The developer, in preparing EIAR, should have regard to TII Publications (formerly DMRB and the Manual of Contract Documents for Road Works);
- The developer, in preparing EIAR, should have regard to TII's Environmental Assessment and Construction Guidelines, including the Guidelines for the Treatment of Air Quality During the Planning and Construction

of National Road Schemes (National Roads Authority, 2006);

- The EIAR/EIS should consider the Environmental Noise Regulations 2006 (SI 140 of 2006) and, in particular, how the development will affect future action plans by the relevant competent authority. The developer may need to consider the incorporation of noise barriers to reduce noise impacts (see Guidelines for the Treatment of Noise and Vibration in National Road Schemes (1st Rev., National Roads Authority, 2004));
- It would be important that, where appropriate, subject to meeting the appropriate thresholds and criteria and having regard to best practice, a Traffic and Transport Assessment be carried out in accordance with relevant guidelines, noting traffic volumes attending the site and traffic routes to/from the site with reference to impacts on the national road network and junctions of lower category roads with national roads. In relation to national roads, the Authority's Traffic and Transport Assessment Guidelines (2014) should be referred to in relation to proposed development with potential impacts on the national road network. The scheme promoter is also advised to have regard to Section 2.2 of the NRA/TII TTA Guidelines which addresses requirements for sub-threshold TTA. Any improvements required to facilitate development should be identified. It will be the responsibility of the developer to pay for the costs of any improvements to national roads to facilitate the private development proposed as TII will not be responsible for such costs;
- The designers are asked to consult TII Publications to determine whether a Road Safety Audit is required;
- In the interests of maintaining the safety and standard of the national road network, the EIAR should identify the methods/techniques proposed for any works traversing/in proximity to the national road network;
- TII recommends that that applicant/developer should clearly identify haul routes proposed and fully assess the network to be traversed. Where abnormal 'weight' loads are proposed, separate structure approvals/permits and other licences may be required in connection with the proposed haul route and all structures on the haul route through all the relevant County Council administrative areas should be checked by the applicant/developer to confirm their capacity to accommodate any abnormal 'weight' load proposed;
- The national road network is managed by a combination of PPP Concessions, Motorway Maintenance and Renewal Contracts (MMaRC) and local road authorities in association with TII. The applicant/developer should also consult with all PPP Companies, MMaRC Contractors and road authorities over which the haul route traverses to ascertain any operational requirements such as delivery timetabling, etc. and to ensure that the strategic function of the national road network is safeguarded;
- Additionally, any damage caused to the pavement on the existing national road arising from any temporary works due to the turning movement of abnormal 'length' loads (eg. tearing of the surface course, etc.) shall be rectified in accordance with TII Pavement Standards and details in this regard shall be agreed with the Road Authority prior to the commencement of any development on site;
- Any grid connection and cable routing proposals should be developed to safeguard proposed road schemes as TII will not be responsible for costs associated with future relocation of cable routing where proposals are catered for in an area of a proposed national road scheme. In that regard, consideration should be given to routing options, use of existing crossings, depth of cable laying, etc.;
- In the context of the existing national roads network, in accordance with the National Planning Framework National Strategic Outcome no. 2 'Enhanced Regional Accessibility', there is a requirement to maintain the strategic capacity and safety of the network. This requirement is further reflected in the National Development Plan, the National Investment Framework for Transport in Ireland and also the existing Statutory Section 28 Spatial Planning and National Roads Guidelines for Planning Authorities;
- There is around 99,000km of roads in Ireland, the national road network which caters for strategic inter-

urban travel consists of only approx. 5.4% of this. There is a critical requirement to ensure the strategic capacity and safety of this national road network is maintained and significant Government investment already made in the national road network is safeguarded;

- The provision of cabling along the national road network represents a number of significant implications for TII and road authorities in the management and maintenance of the strategic national road network and TII is of the opinion that grid connection cable routing should reflect the foregoing provisions of official policy. Therefore, TII advises that grid connection cable routing should seek to utilise available alternatives, as opposed to the strategic national road network contrary to the provisions of official policy;
- Other consents or licences may be required from the road authority for any trenching or cabling proposals crossing the national road. The Authority requests referral of all proposals agreed and licensed between the road authority and the applicant which affect the national road network, and
- Cable routing should avoid all impacts to existing TII infrastructure such as traffic counters, weather stations, etc. and works required to such infrastructure shall only be undertaken in consultation with and subject to the agreement of TII, any costs attributable shall be borne by the applicant/developer. The developer should also be aware that separate approvals may be required for works traversing the national road network.

Notwithstanding, any of the above, the developer should be aware that this list is non-exhaustive, thus site and development specific issues should be addressed in accordance with best practise.

I trust that the above comments are of use in your EIAR preparation.

Yours sincerely,

Alban Mills
Senior Regulatory & Administration Executive
Ref No. TII22-119866



From: Valerie Heffernan <Valerie.Heffernan@mwp.ie>
Sent: Friday 19 August 2022 16:53
To: INFO <Information@tii.ie>
Cc: Sinéad Ryan <Sinead.Ryan@mwp.ie>; Kate Cain <kate.cain@mwp.ie>
Subject: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

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Valerie Heffernan

BSc, MSc, MIEEnvSc

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e Valerie.heffernan@mwp.ie

t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland



In accordance with TII's Right to Disconnect policy, if you are receiving this email outside of normal working hours, I do not expect a response or action outside of your own working hours unless it is clearly noted as requiring urgent attention.

De réir pholasaí BIÉ An Ceart gan a bheith Ceangailte, má tá an ríomhphost seo á fháil agat lasmuigh de na gnáthuaireanta oibre, nílim ag súil le freagra ná le gníomh uait lasmuigh de do ghnáthuaireanta oibre féin mura bhfuil sé ráite go soiléir go bhfuil gá gníomhú go práinneach.

TII processes personal data provided to it in accordance with its Data Protection Notice available at <https://www.tii.ie/about/about-tii/Data-Protection/>

Próiseálann BIÉ sonraí pearsanta a sholáthraítear dó i gcomhréir lena Fhógra ar Chosaint Sonraí atá ar fáil ag <https://www.tii.ie/about/about-tii/Data-Protection/?set-lang=ga>

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Córas r-phoist BIE: Tá an ríomhphost seo agus aon chomhaid a tharchuirtear leis faoi rún agus beartaithe lena n-úsáid ag an duine aonair nó ag an eintiteas a bhfuil siad dírithe chuige/chuici amháin. Más rud é go bhfuair tú an ríomhphost seo trí bhotún, cuir sin in iúil do postmaster@tii.ie, le do thoil, agus scríos an ríomhphost bunaidh agus aon cheangaltáin.

Kate Cain

From: Info @ Waterways Ireland <info@waterwaysireland.org>
Sent: Monday 22 August 2022 19:09
To: Valerie Heffernan
Subject: Automatic reply: Consultation for a Proposed Wind Energy Development near Kilcolman, Co. Limerick

Thank you for contacting Waterways Ireland. Our offices are now closed to the public and staff are working from home. Please note our working hours remain unchanged as Mon-Thurs 9.15am-5.30pm, Friday 9.15am-5.15pm, Lunch 1-2pm.

Please accept this as an acknowledgement that your email has been received. Your email will be forwarded onto the relevant service area for its attention. If your email requires a response, we will endeavour to come back to you as quickly as possible. If your query is urgent please contact us by telephone. Our contact details can be found on our website here <http://www.waterwaysireland.org/contact-us>.

COVID-19:

We encourage people to abide by all current government guidelines and to practice social distancing wherever possible.

Please note: this is an automated message. Do not reply to this email.

Customers Services Team

Waterways Ireland – Enniskillen HQ

Presently Working Remotely

Tel no: +44 (0)28 6632 3004

Email: info@waterwaysireland.org

Go raibh maith agat as teagmháil a dhéanamh le hUiscebhealaí Éireann. Tá ár n-oifigí dúnta anois don phobal agus tá an fhoireann ag obair ón mbaile. Tabhair faoi deara go bhfuil ár n-uaireanta oifige mar a chéile, Luan-Déardaoin 9.15am-5.30pm, Aoine 9.15am-5.15pm, Lón 1-2pm.

Glac leis seo mar admháil go bhfuarthas do ríomhphost. Cuirfear do ríomhphost ar aghaidh chuig an réimse seirbhíse ábhartha lena aire. Má theastaíonn freagra ó do ríomhphost, déanfaimid ár ndícheall teacht ar ais chugat chomh tapa agus is féidir. Má tá ceist phráinneach agat glaoigh orainn le do thoil. Tá ár gcuid sonraí teagmhála ar ár suíomh gréasáin anseo <http://www.waterwaysireland.org/contact-us>.

COVID-19:

Molann muid do dhaoine cloí le gach treoir reatha ón rialtas agus scaradh sóisialta a dhéanamh nuair is féidir.

Tabhair faoi deara: is teachtaireacht uathoibríthe é seo. Ná freagair an ríomhphost seo

Foireann Seirbhísí Custaiméirí

Uiscebhealaí Éireann – Ceannteathrú Inis Ceithleann

Ag obair go cianda faoi láthair

Uimhir ghutháin: +44 (0)28 66323004

R-phost: info@waterwaysireland.org

RECEIVED: 19/12/2025

Kate Cain

From: Ryan, Darragh <darragh.ryan@limerick.ie>
Sent: Friday 11 November 2022 15:50
To: Sinéad Ryan; Kate Cain
Cc: O'Neill, Thomas; Carmody, Tony; McCutcheon, Sarah; Leland, Aine
Subject: Pre-planning Notes 14568

RECEIVED: 19/12/2023

As per the pre-planning meeting yesterday here are notes of the meeting as discussed and agreed. If I have missed anything please include here and circulate;

- Development Plan Policy pg 187, 284 of Development Plan – **Agreed**
- Site location , Site characteristics – Landscape Character Area as identified by the Development Plan – **Agreed**
- Possible Grid Connection – Possible routes were discussed. Preferred option is at CARRONS substation. In advance of applying for permission the agent is advised to engage with Area Office and discuss the route with Area Engineer (John O Keefe). As part of visual Impact Assessment – please take note of Hilltop fort and Kilbradhan Church as noted by archaeologist Sarah McCutcheon. Grid Connection to be applied for as part of application
- An EIAR is required – all environmental reports/ surveys should be attached to relevant chapters in the EIAR, e.g Ecology chapter – Bat Surveys attached as appendix.
- Appropriate Assessment / NIS required. –
- Ecology – Notes from Tom O' Neill , Barn Owl survey attached. Please give details of status of Horseshoe Bat in the location. Provide details of all habitat loss as a result of development and proposals to reinstate. Treatment of grassland up to and around Turbines to be provided. bird surveys to establish possible usage of the site by bird species associated with the River Shannon and Fergus SPA, which would often disperse from the Shannon to the north.
- Nearest Sensitive receptors – Note the excess of 500m buffer being achieved.
- Archaeology - Take note of significant features for visual impact assessment above. (Hilltop fort and Kilbradhan Church) Planning Authority note undertaking of Archaeological Impact Assessment as part of EIAR
- Noise Assessment – Construction and operational noise assessment to be provided – advised to contact Simon Jennings, Limerick City & County Council if any queries in this regard
- Full details of cumulative impact of proposed development having regard to other similar projects in the locality.
- Visual Assessment – Note detail with respect to visual assessment being undertaken
- Access to and from the site – construction management plan, Traffic Assessment, upgrade of road will be required by Roads Section Limerick City & County Council, Sightlines and stopping sight distances – topographical survey, auto tracking simulation.
- Management and control of surface water in particular having regard to receiving Environment- submission as part of EIAR chapter.

The Draft Guidelines for Wind Energy Development 2019 will be a reference for the Planning Authority in making a determination in the outcome of a Planning Decision. In this regard and where appropriate it is advised to submit a planning statement that outlines compliance with National, Regional and County Policies but also with draft guidelines, in terms of separation distances etc.

I trust this information is clear. If I have missed anything please circulate here.

Kind regards,

Darragh Ryan
Area Planner
Newcastlewest
061 556281

RECEIVED: 19/12/2025

From: Sinéad Ryan <Sinead.Ryan@mwp.ie>
Sent: Wednesday, March 15, 2023 15:55
To: Greensource - John O'Connor <j.oconnor@greensource.ie>; Jeremy King <Jeremy.King@mwp.ie>
Subject: FW:]Drawing Scale - Proposed Ballynisky Wind Farm (PP Ref. 14568)

Regards,
Sinéad
Ph. 087-2518748

From: plandev <planning@limerick.ie>
Sent: 13 March 2023 12:50
To: Sinéad Ryan <Sinead.Ryan@mwp.ie>
Subject:]Drawing Scale - Proposed Ballynisky Wind Farm (PP Ref. 14568)

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Hi Sinead,

Thank you for your email.

I've checked with the planner and I wish to advise that we would be in a position to accept drawings in 1:1000 scale.

Kind Regards,
Kate

Kate Janeczek | Planning, Environment & Place-Making |
Limerick City and County Council |
Dooradoyle Road, Dorradoyle, Limerick, V94 WV78 |
Tel: |061/556487 | mobile: 087 3300056 | Web: www.limerick.ie

From: Sinéad Ryan <Sinead.Ryan@mwp.ie>
Sent: Friday, March 10, 2023 4:13 PM
To: plandev <planning@limerick.ie>
Cc: Greensource - John O'Connor <j.oconnor@greensource.ie>; Jeremy King <Jeremy.King@mwp.ie>
Subject: [EXTERNAL]Drawing Scale - Proposed Ballynisky Wind Farm (PP Ref. 14568)

Caution: This is an external email and may have a suspicious subject or attached content. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department

Dear Sir/Madam,

MWP are currently preparing drawings for a planning application for a wind farm (pre-planning ref. 14568 Ballynisky Wind Farm).

Typically, local authorities require the drawings at a scale of 1:500 which, in this case, will require many drawings with not much details shown. This scale is more suited to housing developments rather than wind farms.

We note from Planning and Development Regulations, Part 4, Article 23 (1) (a) there is an option to agree a scale with the local authority prior to submission.

Site or layout plans shall be drawn to a scale (which shall be indicated thereon) of not less than 1:500 or such other scale as may be agreed with the planning authority prior to the submission of the application, the site boundary shall be clearly delineated in red, and buildings, roads, boundaries, septic tanks and percolation areas, bored wells, significant tree stands and other features on, adjoining or in the vicinity of the land or structure to which the application relates shall be shown,

Would Limerick CCC agree to us using a scale of 1:1,000? This will reduce the number of drawings and printing for submission.

Regards
Sinéad

Sinéad Ryan
BSc MSc PIEMA

Principal Consultant/Team Lead

e Sinead.Ryan@mwp.ie m +353 (0)87 2518748
t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland

MWP

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From: Valerie Heffernan
Sent: Friday 19 August 2022 16:00
To: info@antaisce.org
Cc: Sinéad Ryan; Kate Cain
Subject: Consultation for a Proposed Wind Energy Development near
Kilcolman, Co. Limerick
Attachments: 22569-6003-B Preliminary Project Details.pdf

RECEIVED: 19/12/2025

Dear Sir/Madam

MWP have been appointed by Ballynisky Green Energy Ltd. to complete the design, planning application and Environmental Impact Assessment Report (EIAR) for the proposed development of a wind farm containing six (6) wind turbines, a substation and a grid connection in the townlands of Ballynisky, Ballyegny More, Lissatotan and Graigoor to the east of Kilcolman, Co. Limerick.

Details of the proposed project including maps are attached.

We are currently engaging in consultation with all stakeholders to whom the proposed development may be of interest or concern. While there will be the opportunity to make submissions as part of the planning process, if there is any issue which you consider should be addressed in the EIAR, we would welcome your input at this stage.

Should you require further information, please contact the undersigned by email at Valerie.heffernan@mwp.ie or by post at MWP, The Elm Suite, Loughmore Centre, Raheen Business Park, Limerick V94 R578.

Valerie Heffernan

BSc,

MSc,

MEnvSc

Environ

mental

Scientist

e Valerie.heffernan@mwp.ie
t +353 (0)61 480 164 w www.mwp.ie

The Elm Suite, Loughmore Centre,
Raheen Business Park, Limerick, V94 R578, Ireland

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An tOifig Náisiúnta um Sláinte Chomhshaoil
Feidhmeannacht na Seirbhíse Sláinte,
Urlár 2, Teach na Darach, Ascaill na Teile
Páirc na Mílaoise, An Nás, Co. Chill Dara.

National Office for Environmental Health Services
2nd Floor, Oak House, Lime Tree Avenue
Millennium Park, Naas, Co. Kildare
Eircode: W91KDC2

National Environmental Health Service Submission Report

Date: 27th August 2025

Our reference: ID5228

Report to: Ballynisky Green Energy, Station Road, Adare, Co. Limerick

Type of Consultation: EIA Scoping

Enclosed are observations of the National Environmental Health Service on the scope of the EIA for Ballnisky Wind Farm, Co. Limerick.

It is acknowledged that this submission is being made during the Environmental Assessment process and some elements might not be able to be considered at this stage. The NEHS will consider the full planning application within the context of the areas identified in this submission.

Any clarification on the content of this submission should be made in the first instance to Andrew Sulley, Senior Environmental Health Officer at:

Andrew.sulley@hse.ie


Andrew Sulley
Senior Environmental Health Officer

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HSE EIA Scoping

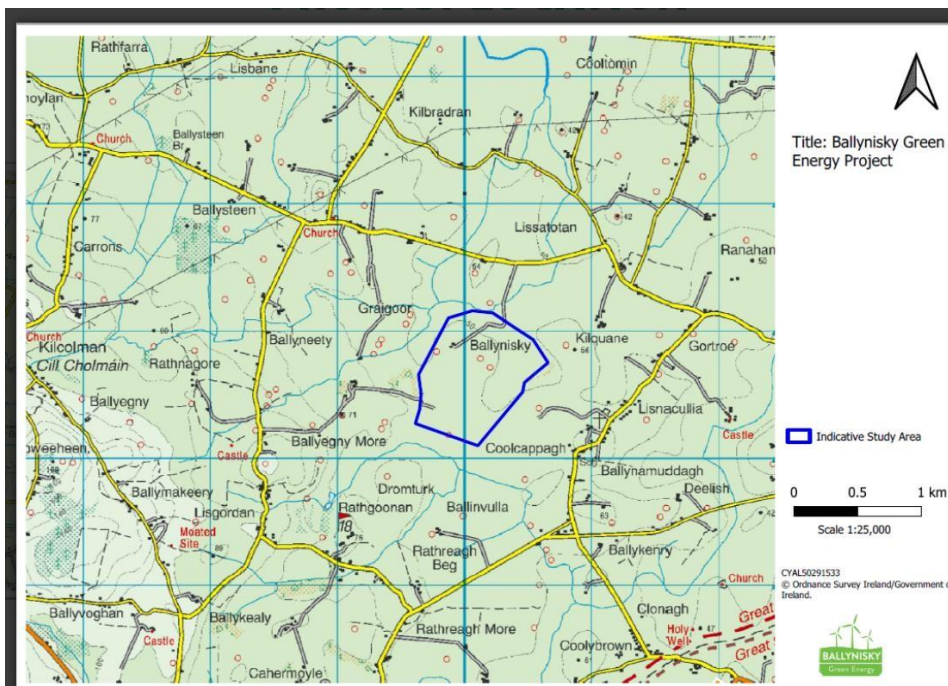
National Environmental Health Service Submission Report

Type of consultation: Scoping

EHIS Reference number: ID5228

Proposed Development:

Proposed 6 turbine windfarm, located on a site neighbouring the townland of Ballynisky, near Coolcappa in West Limerick.



General Introduction

The following documents should be taken into consideration when preparing the Environmental Impact Assessment Report (EIAR):

- Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment

https://www.housing.gov.ie/sites/default/files/publications/files/guidelines_for_planning_authorities_and_an_bord_pleanála_on_carrying_out_eia_-_august_2018.pdf

EU publication: Environmental Impact Assessment of Projects Guidance on the preparation of the Environmental Impact Assessment Report, EU, 2017

http://ec.europa.eu/environment/eia/pdf/EIA_guidance_EIA_report_final.pdf

National Guidance issued by the Environmental Protection Agency on the Information to be Contained in Environmental Impact Assessment can be found at:

<https://www.epa.ie/publications/monitoring--assessment/assessment/guidelines-on-the-information-to-be-contained-in-environmental-impact-assessment.php>

This Guidance is supported by a Webinar produced by the EPA and can be found at:

<https://www.youtube.com/embed/ejKVFUztxBY>

The applicant should also consider the findings of the High Court judgement issued in the judicial review of the Derryadd Wind Farm. (2021 IEHC 390 [20202 No. 557 JR] P. Sweetman v An Bord Pleanála)

And with regard to general noise considerations of noise and wind farms the judgement in [2024] IEHC 136 [2018 8457 P] MARGARET WEBSTER AND KEITH ROLLO AND MEENACLOGHSPAR (WIND) LIMITED

The Environmental Impact Assessment (EIA) should examine all likely significant effects from the proposed development and provide the following information for each:

- a) Description of the receiving environment
- b) The nature and scale of the impact
- c) An assessment of the significance of the impact
- d) Proposed mitigation measures
- e) Residual impact

Directive 2014/52/EU has an enhanced requirement to assess likely significant effects on Population and Human Health. It is the experience of the NEHS that impacts on human health are often inadequately assessed in EIAs in Ireland. It is recommended that the wider determinants of health and wellbeing are considered in a proportionate manner when considering the EIA. Guidance on wider determinants of health can be found at www.publichealth.ie

In addition to any likely significant negative effects from the proposed development, any positive likely significant impacts should also be assessed.

The NEHS will consider the final EIAR accompanying the SID/Planning application and will make comments to An Bord Pleanála/Local Planning Authority on the methodology used for assessing the likely significant effects and the evaluation criteria used in assessing the significance of the effect.

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The NEHS recommends that the following matters are included and assessed in the EIAR

- Public Consultation
- Population and human health
- Decommissioning phase of the proposed wind farm
- Siting and location of turbines
- Noise & Vibration
- Shadow Flicker
- Air Quality
- Surface and Groundwater Quality
- Ancillary facilities
- Cumulative impacts
- Climate
- Health gain

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Public Consultation

It is recommended that early and meaningful public consultation with the local community is undertaken to ensure all likely significant effects of the proposed windfarm development have been adequately addressed.

All parties affected by the proposed development, including those who may benefit financially from the project, must be fully informed of what the proposal entails especially with regard to potential impacts on surrounding areas.

Sensitive receptors and other stakeholders should be identified to ensure all necessary and appropriate mitigation measures are put in place to reduce the likelihood of any complaints about the proposed wind farm development in the future.

Members of the public should be given sufficient opportunity to express their views on the proposed windfarm development.

The Environmental Impact Assessment Report (EIAR) should clearly demonstrate the link between public consultations and how those consultations have influenced the decision-making process in the EIA.

To assist with the consultation and planning process it is recommended that the applicant develops a dedicated website for the proposed windfarm development. All correspondence, maps, project updates and documentation including the EIAR should be uploaded to the website.

The EIAR should state the period of planning permission sought, the length of time construction is estimated to take and if it is anticipated that the windfarm development will be decommissioned and removed or will continue to operate (following any further planning consent) at the end of this period of planning permission (should permission be granted)

Population Health and Human Health

The opinion of the NEHS is that the assessment of likely significant effects on Population and Human Health should be a proportionate assessment specific to the proposed development and to the Population and Human Health likely to be significantly affected by the proposed development.

If assessment is made of likely significant effects on wider determinants of health or health inequalities, then this should be done in a proportionate manner with a demonstration of a likely significant effect as a direct result of the proposed development.

The preferred methodology for assessing likely significant effects on Population and Human Health is a source, pathway, receptor model; based on emissions through environmental media and population exposure. This approach is supported by the EPA issued National Guidance (known as the EIA Guidance): Guidelines on the information to be contained in Environmental Impact Assessment Reports, 2022 https://www.epa.ie/publications/monitoring--assessment/assessment/EIA_Guidelines_2022_Web.pdf

In assessing likely significant effects on Population and Human Health any proposed mitigation measures should be identified. The residual impact should be evaluated against a recognised Health Protection Standard.

Whilst current EIA guidance recognises the requirement to identify sensitive receptors within the assessment process, it should be clear that this is within a Population Health approach and not an individual person approach.

It is therefore the opinion of the NEHS that a Population Health approach would not consider the likely significant effects on the sensitivity of an individual human receptor, but the sensitivity of the established land use or service provision.

For example, a school would be considered a sensitive receptor within a Population Health approach, but an individual student who was particularly sensitive to noise attending the school would not be specifically considered in the assessment criteria. A health care facility that provided services for people with recognised noise sensitivity would be considered in its entirety as a particular noise sensitive location.

It is therefore the opinion of the NEHS that the EIA should consider the likely significant effects on established land use and service provision and activities within communities and not individual members of communities.

Opportunities for Health Gain

Consideration should be given to opportunities for health gain from the proposed development. This would include opportunities to create recreational spaces, opportunities to increase physical exercise through walking and cycle routes.

Non-Technical Summary

The Non-Technical Summary of the EIA (NTS) is an important document that facilitates public access and understanding of the proposed development. It should accurately summarise the likely significant impacts, proposed mitigation and the residual impacts after mitigation has been implemented, that are attributable to the proposed development. This should be done in non-technical language and relate accurately to the specific chapters of the EIAR. The NTS should identify all sensitive receptors that are likely to be significantly impacted and clearly state the significance of the effects on them. The NEHS considers that a summary should be no more than 10% of the original document size and should cross reference any appendix of the EIAR that contains relevant data on any likely significant effects.

Decommissioning

The EIAR should detail the eventual fate of the wind turbines and associated material i.e. will the material be recycled or how will it be disposed of.

Information should also be provided regarding the proposed methodology to be used for the disposal of the materials forming the foundations of the wind turbines.

The EIAR should indicate the proposed future use of the development site at the end of the planning permission period.

Siting, Location and details of Turbines

The EIAR should include a map and a description of the proposed location of each of the proposed wind turbines.

The NEHS expects that details (height and model) of the turbines to be installed will be available at the time planning permission is sought and will be included in the EIAR.

Details of the foundations for the wind turbine including depth, quantity and material to be used should be included in the EIAR.

Assessment of Consideration of Alternatives

The EIAR should consider an assessment of alternatives. The EHS recommends that alternative renewable energy options to on- shore wind farms should be assessed as part of the EIAR.

Noise & Vibration

The potential impacts for noise and vibration from the proposed development on all noise sensitive locations must be clearly identified in the EIAR. The EIAR must also consider the appropriateness and effectiveness of all proposed mitigation measures and evaluate the residual impact against recognised health protection standards.

A baseline noise monitoring survey should be undertaken to establish the existing background noise levels.

Baseline noise should cover day, evening and night-time periods

Noise from any existing turbines in the area should not be included as part of the background levels.

An assessment of the predicted noise impacts during the construction phase and the operational phase of the proposed windfarm development should be undertaken which details the predicted change in the noise environment resulting from the proposed development.

It is recommended that changes in the noise environment at Noise Sensitive Locations are shown in a tabulated format that shows the predicted change in the noise environment at each noise sensitive location.

An example is shown in the table below

Location 1	Standardised wind speed at 10 metre height (9m/s) within the site averaged over 10 minute periods											
	2	3	4	5	6	7	8	9	10	11	12	
Noise sensitive location 1 – background noise level												
Noise Sensitive location 1 – predicted LA rated												
Proposed Relative Rated Noise Limit												
Repeat above for all noise sensitive locations												

Standardised wind speed at 10 metre height 9m/s) within the site averaged over 10 minute periods

The NEHS would consider the most appropriate criteria for assessing significance of the predicted noise would be consideration of the **ENVIRONMENTAL NOISE GUIDELINES for the European Region, 2018** The 2018 WHO Guidance set health protection levels for exposure to environmental <https://iris.who.int/bitstream/handle/10665/279952/9789289053563-eng.pdf?sequence=1>

The Draft Revised Wind Energy Development Guidelines were published in December 2019. Whilst these have yet to be adopted, any proposed wind farm development should have consideration of the draft Guidelines.

https://www.housing.gov.ie/sites/default/files/public-consultation/files/draft_revised_wind_energy_development_guidelines_december_2019.pdf .

It should be noted that in the judgement of **Ms. Justice Emily Egan delivered on the 8th day of March 2024 in Webster/Rollo V Meenaclogher (Wind) Limited (2024 IEHC 136) 8th March 2024** it was stated very clearly that considerations should be given to the most up to date knowledge and

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Guidance when considering impacts from noise. This would include the assessment methodology and the known significance of health effects from exposure to noise.

The current Guidelines for Wind Energy Development are: Wind Energy Development Guidelines (2006)

<https://www.gov.ie/en/publication/f449e-wind-energy-development-guidelines-2006/>

It should be recognised that the nature of wind energy development has significantly changed since the publication of these Guidelines, particularly the size of the turbines and the proximity to centres of populations and the cumulative effects with other wind energy development. There have also been substantial increases in the body of knowledge around the likely significant effects of the operation of windfarm development on Population Health, in particular around the characteristic of the noise emissions and health effects of shadow flicker.

The noise assessment for the proposed development should consider the likely significant effects of noise and vibration at sensitive receptors from the following aspects:

- Construction noise and vibration from the wind turbine installation; and
- Operational noise from the wind turbines.

The noise assessment should consider the potential impacts of noise generated during the construction, operation, and decommissioning of the proposed development on nearby noise-sensitive receptors.

The assessment should consider all proposed (planning application submitted), consented and operational development that may contribute to noise effects at the receptors.

During the construction phase of the project, it is considered that the potential sources of noise impact will include the mobile plant and the drilling and piling operations necessary to undertake the construction. These operations have the potential to cause noise impacts at sensitive receptors. In addition, the drilling and piling have the potential to cause vibration impacts at sensitive receptors.

During the operational phase of the project, it is considered that the potential sources of noise are aerodynamic noise from the wind turbine blades and any rotational or mechanical noise from the hubs of the wind turbines.

Shadow Flicker

It is recommended that turbine selection will be based on the most advanced available technology that permits shut down during times when residents are exposed to shadow flicker. As a result, no dwelling should be exposed to shadow flicker.

Air Quality

Due to the nature of the proposed construction works generation of airborne dust has the potential to have significant impacts on sensitive receptors. A Construction Environmental Management Plan (CEMP) should be included in the EIAR which details dust control and mitigation measures. Measures should include:

- Sweeping of hard road surfaces
- Provision of a water bowser on site, regular spraying of haul roads
- Wheel washing facilities at site exit
- Restrict speed on site
- Provide covers to all delivery trucks to minimise dust generation
- Inspect and clean public roads in the vicinity if necessary
- Material stockpiling provided with adequate protection from the wind
- Dust monitoring at the site boundary
- Truck inspection and maintenance plan
- Details of a road maintenance agreement between the operator and the Local Roads Authority to clarify responsibility for the upkeep and repair of access roads during the construction phase of the project.

Surface and Ground Water Quality

The proposed development has the potential to have a significant impact on the quality of both surface and ground water.

The NEHS recommends that a walk over survey of the site is undertaken in addition to a desktop analysis of Geological Survey of Ireland data in order to identify the location of private wells used for drinking water purposes.

Any potential significant impacts to drinking water sources should be assessed. All drinking water sources, both surface and ground water, must be identified. Public and Group Water Scheme sources and supplies should be identified in addition to any private wells supplying potable water to houses in the vicinity of the proposed development. Measures to ensure that all sources and supplies are protected should be described.

Details of bedrock, overburden, vulnerability, groundwater flows, aquifers and catchment areas should be considered when assessing potential impacts and proposed mitigation measures.

Any impacts on surface water as a result of the construction of the underground cables should be identified and addressed in the EIAR.

Geotechnical and Peat Stability Assessment *(for peat areas only)*

A detailed assessment of the current ground stability of the site for the proposed windfarm development and all proposed mitigation measures should be detailed in the EIA. The assessment should include the impact construction work may have on the future stability of ground conditions, taking into consideration extreme weather events, site drainage and the potential for soil erosion.

Information should be provided on the make and model of the turbines and on construction details for the turbine foundations, including the depth and volume of concrete required. An accurate assessment of the potential impacts of the foundations on water quality and peat stability cannot be undertaken without this information.

Reference is made to a peat slide which occurred near Ballybofey in Co. Donegal on 13th November 2020 which may have been linked to construction activity at Meenbog Wind Farm.

Potential impacts on water supply associated with contamination following a peat slide include sedimentation and alteration of pH levels.

The NEHS recommends that a detailed Peat Stability/Geotechnical Assessment should be undertaken to assess the suitability of the soil for the proposed development. The EIA should include provision for a peat stability monitoring programme to identify early signs of potential bog slides ('pre-failure indicators' see the Scottish Government's 'Peat Landslide Hazard and Risk Assessments: Best Practice Guide for Proposed Electricity Developments 2017)

<https://www.gov.scot/binaries/content/documents/govscot/publications/advice-and-guidance/2017/04/peat-landslide-hazard-risk-assessments-best-practice-guide-proposed-electricity/documents/00517176-pdf/00517176-pdf/govscot%3Adocument/00517176.pdf>

Ancillary Facilities

The EIA should include details of the location of all site office, construction compound, fuel storage depot, sanitary accommodation and canteen, First Aid facilities, disposal of wastewater and the provision of a potable water supply to the site canteen.

Cumulative Impacts

All existing or proposed wind farm developments in the vicinity should be clearly identified in the EIA.

The impact on sensitive receptors of the proposed development combined with any other wind farm/renewable energy developments in the vicinity should be considered. The EIA should include a detailed assessment of any likely significant cumulative impacts of the proposed windfarm development.

For each technical discipline, an assessment should be made of the likely cumulative effects of the proposed development in combination with any other similar developments in proximity to the site which are reasonably defined and understood; these would comprise projects that:

- are the subject of valid planning applications or appeals but not yet determined;

- consented development; or
- development under construction.

Cumulative effects can also arise from the combined impact of effects attributable to the proposed development in respect of a particular receptor, such as the combined effect of noise and shadow flicker on a residential dwelling

Climate

Climate Mitigation

The EIA should assess factors that contribute to climate change as a result of the proposed development and should identify any mitigation or sustainability measures that can be incorporated into the development, particularly:

- An assessment of Green-House Gas emissions (the nature and magnitude of such emissions) as a result of the proposed development to include the construction, operation and decommissioning phases. This assessment should identify how emissions can be reduced or mitigated at each stage.
- An assessment of water usage and opportunities for water conservation, including rainwater harvesting and recycling of both process and rain water,
- An assessment of energy usage and the opportunities to use renewable energy sources and reduce energy demands. This should include transport and machine use during construction and operation.
- An assessment of any waste generated at each stage of the development and implementation of the Waste Hierarchy.

Climate Vulnerability

The EIA should consider the vulnerability of the proposed development to climate change.

This should be specific to the project and include an assessment of the risks to the project associated from direct weather-related hazards during both the construction and operation phase of the proposed development. For example:

- Risks to the proposed development associated with flooding,
- Risks to the proposed development associated with storms events,
- Risks to the proposed development from extreme heat events,
- Any risks to the security of energy or water supplies


Andrew Sulley
Senior Environmental Health Officer

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