Arklow Bank Wind Park 2

Planning Documents

Copy of all Notification Letters Issued Serving Notice of the Application on Coastal Planning Authorities, Prescribed Bodies and Transboundary Bodies



Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 10:51
То:	chiefexecutive@wicklowcoco.ie
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	CPA Notification Letter - WwCC - Email - V5 Final - 290524.pdf

Dear Eimear O'Gorman,

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Eimear O'Gorman Chief Executive Wicklow County Council County Buildings Whitegates Wicklow Town A67 FW96 chiefexecutive@wicklowcoco.ie

4th June 2024

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Ms O'Gorman,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for planning for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

I. One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and

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1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	155		162
Rotor diameter (m)	236		250
Upper blade tip height (above LAT) (m)	273		287
Lower blade tip height (above LAT) (m)	3	7	37
Chard Width (m)	Model 1a	Model 1b	6.0
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used

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to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, 2 no. hard copies and 5 no. electronic copies of the full planning application will be delivered to your office on **Thursday, 6th June 2024.** The planning application, EIAR and NIS have also been published on the following website for the purpose of the application: <u>www.arklowbank2offshoreplanning.ie</u>.

Please note that Wicklow County Council, as the Coastal Planning Authority, is required to make the application documentation available for public inspection/purchase in accordance with the terms of the public notice. It is the Board's intention that all of the application documentation will remain available for public inspection during the currency of the application.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February,1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the Proposed Development as it may specify,

(b) grant the permission in respect of part of the Proposed Development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,



and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

In accordance with section 291(4) of the Planning and Development Act 2000 (as amended), as a Coastal Planning Authority, you may, not later than 10 weeks (or such longer period as may be specified by the Board) from the making of the section 291 application in respect of the proposed development, prepare and submit to the Board a report setting out the views of the Coastal Planning Authority in relation to the proposed development, having regard in particular to the matters to which a coastal planning authority is required to have regard in accordance with subsection (2) of section 34 and subsection (2) of section 282 in relation to an application referred to in subsection (3) of section 281.

In addition to the abovementioned report, the Board may request a Coastal Planning Authority to furnish such information as the Board may specify in relation to:

(a) the implications of the proposed development for maritime spatial planning,

(b) the implications of the proposed development for proper planning and sustainable development in the functional area concerned, and

(c) the likely effects of the proposed development on the environment or any European site.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: Leonora Earls - Director of Services, Planning, Economic & Rural Development **CC**: Edel Birmingham - Senior Executive Planner Email: <u>plandev@wicklowcoco.ie</u>

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 10:54
То:	eddie.taaffe@wexfordcoco.ie
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	CPA Notification Letter - WxCC - Email - V5 Final - 290524.pdf

Dear Eddie Taaffe,

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Eddie Taaffe Chief Executive Wexford County Council County Hall, Carricklawn, Wexford Y35 WY93 eddie.taaffe@wexfordcoco.ie

4th June 2024

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Mr Taaffe,

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Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

 One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight

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variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

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Please note that Wexford County Council, as the Coastal Planning Authority, is required to make the application documentation available for public inspection/purchase in accordance with the terms of the public notice. It is the Board's intention that all of the application documentation will remain available for public inspection during the currency of the application.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February, 1991).

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and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.



In accordance with section 291(4) of the Planning and Development Act 2000 (as amended), as a coastal planning authority, you may, not later than 10 weeks (or such longer period as may be specified by the Board) from the making of the section 291 application in respect of the proposed development, prepare and submit to the Board a report setting out the views of the coastal planning authority in relation to the proposed development, having regard in particular to the matters to which a coastal planning authority is required to have regard in accordance with subsection (2) of section 34 and subsection (2) of section 282 in relation to an application referred to in subsection (3) of section 281.

In addition to the abovementioned report, the Board may request a coastal planning authority to furnish such information as the Board may specify in relation to:

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Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: Elizabeth Hore - Director of Services, Economic Development and Planning Email: <u>elizabeth.hore@wexfordcoco.ie</u>
CC: Diarmuid Houston - Senior Planner
Email: Diarmuid.houston@wexfordcoco.ie

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 11:05
То:	minister@housing.gov.ie; darragh.obrien@oireachtas.ie
Cc:	Paul McMonagle; Christiansen, Kaj; Walshe, Marc
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - DoHLGH - V4 - 280524.pdf

Dear Minister O'Brien,

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Minister for Housing, Local Government and Heritage, Development Applications Unit Department of Housing, Local Government and Heritage, Newtown Road, Wexford, Y35 AP90

4th June 2024

minister@housing.gov.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Minister O'Brien,

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Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

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Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

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(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

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and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:



- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Instrance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: Joanne Lyons - Higher Executive Officer

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 11:11
То:	minister.ryan@decc.gov.ie
Cc:	Paul McMonagle; Walshe, Marc; Christiansen, Kaj
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - DoECC - V4 - 280524.pdf

Dear Minister Ryan (Minister for the Environment, Climate and Communications),

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Minister for the Environment, Climate and Communications, Department of Environment, Climate and Communications, 29-31 Adelaide Road, Dublin 2, D02 X285 <u>minister.ryan@decc.gov.ie</u>

4th June 2024

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Minister Ryan,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	155		162
Rotor diameter (m)	236		250
Upper blade tip height (above LAT) (m)	273		287
Lower blade tip height (above LAT) (m)	3	7	37
	Model 1a	Model 1b	C O
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed

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Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:



- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Thortrance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 11:14
То:	minister@transport.gov.ie
Cc:	Paul McMonagle; Walshe, Marc; Christiansen, Kaj
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - DoT - V4 - 280524.pdf

Dear Minister Ryan (Minister for Transport),

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Minister for Transport, Department of Transport, Leeson Lane, Dublin 2, D02 TR60

4th June 2024

minister@transport.gov.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Minister Ryan,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

I. One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and

Sure Partners Limited is part of the SSE Group

The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493

1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	155		162
Rotor diameter (m)	236		250
Upper blade tip height (above LAT) (m)	273		287
Lower blade tip height (above LAT) (m)	3	57	37
	Model 1a Model 1b	<u> </u>	
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
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- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
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used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
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- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
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- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

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and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at marineobs@pleanala.ie, relating to:

(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

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Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 11:18
То:	micheal.martin@oireachtas.ie
Cc:	Paul McMonagle; Christiansen, Kaj; Walshe, Marc
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - DoD - V4 - 280524.pdf

Dear Minister Martin (Minister for Defence),

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

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Kind Regards,

Leo Kilkenny



Delivered by Email

Minister for Defence, Head Office, Department of Defence, Station Road, Newbridge, Co. Kildare, W12 AD93

4th June 2024

micheal.martin@oireachtas.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Minister Martin,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

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Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

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(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

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and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:



- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Thortrance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Leo Kilkenny

From:	Leo Kilkenny		
Sent:	04 June 2024 11:25		
То:	info@agriculture.gov.ie;		
Cc:	Paul McMonagle; Walshe, Marc; Christiansen, Kaj		
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application		
Attachments:	Prescribed Body Notification Letter - DoAFM - V4 - 280524.pdf		

Dear Minister McConalogue,

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Kind Regards,

Leo Kilkenny



Delivered by Email

Minister for Agriculture, Food and Marine, Department of Agriculture, Food and Marine, Agriculture House, Kildare Street, Dublin 2, D02 WK12

4th June 2024

minister@agriculture.gov.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Minister McConalogue,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

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Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	155		162
Rotor diameter (m)	236		250
Upper blade tip height (above LAT) (m)	273		287
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Chard Width (m)	Model 1a	Model 1b	6.9
Chord Width (m)	5.4	6.8	
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
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- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:



- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: Thomas Power - Higher Executive Officer

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 11:28
То:	EIAPlanning
Cc:	Paul McMonagle; Walshe, Marc; Christiansen, Kaj
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - EPA - V4 - 280524.pdf

Dear Philomena Kelly,

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Environmental Protection Agency, Environmental Licensing Programme, Environmental Protection Agency, PO Box 3000, Johnstown Castle Estate, Co. Wexford, Y35 W821 eiaplanning@epa.ie

4th June 2024

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Philomena Kelly,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

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Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Thortrance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 11:57
То:	info@mara.gov.ie; mac@mara.gov.ie
Cc:	Paul McMonagle; Walshe, Marc; Christiansen, Kaj
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area
Attachments:	Planning Application Prescribed Body Notification Letter - MARA - V4 - 280524.pdf
Attachinents.	rescribed body Notification Letter MARA - V4 - 200524.put

Dear Dr Karen Creed,

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

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Kind Regards,

Leo Kilkenny



Delivered by Email

Maritime Area Regulatory Authority, 2nd Floor, Menapia House, Drinagh Business Park, Drinagh, Wexford, Y35 RF29

4th June 2024

mac@mara.gov.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

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Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

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Yours sincerely,

Thorstrance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: John Evans - Director of Assessment, Research and Data

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 11:59
То:	'ministerdrcd@drcd.gov.ie'
Cc:	Paul McMonagle; Walshe, Marc; Christiansen, Kaj
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area
	Planning Application
Attachments:	Prescribed Body Notification Letter - DoRaCD - V4 - 280524.pdf

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Kind Regards,

Leo Kilkenny



4th June 2024

Delivered by Email

Minister for Rural and Community Development, Department of Rural and Community Development, Trinity Point, 10-11 South Leinster Street, Dublin 2, D02 EF85 <u>ministerdrcd@drcd.gov.ie</u>

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Minister Humpherys,

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- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be

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used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostranser

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 12:01
То:	alan.berry@marine.ie
Cc:	Paul McMonagle; Walshe, Marc; Christiansen, Kaj
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area
	Planning Application
Attachments:	Prescribed Body Notification Letter - MI - V4 - 280524.pdf

Dear Alan Berry,

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Marine Institute, Senior Manager, Marine Institute Headquarters, Oranmore, Co. Galway H91 R673 <u>alan.berry@marine.ie</u>

4th June 2024

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Alan Berry,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	155		162
Rotor diameter (m)	236		250
Upper blade tip height (above LAT) (m)	273		287
Lower blade tip height (above LAT) (m)	37		37
	Model 1a	Model 1b	C O
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
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The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

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Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:



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- (ii) the implications of the proposed development for proper planning and sustainable development, and
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Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Thorstrance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: Matthew Carroll - Fisheries Environmental Officer.

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 12:03
То:	Roisin.O'Callaghan@fisheriesireland.ie; Matthew.Carroll@fisheriesireland.ie
Cc:	Paul McMonagle; Walshe, Marc; Christiansen, Kaj
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - IFI - V4 - 280524.pdf

Dear Roisin O'Callaghan,

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Inland Fisheries Ireland, 3044 Lake Drive, Citywest Business Campus, Dublin 24, D24 CK66

4th June 2024

Roisin.O'Callaghan@fisheriesireland.ie Matthew.Carroll@fisheriesireland.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Roisin O'Callaghan,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

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Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
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Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

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The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

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(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

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- (i) the implications of the proposed development for maritime spatial planning, and
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Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Thorstrance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: Matthew Carroll - Fisheries Environmental Officer.

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 12:05
То:	tara_horigan@hsa.ie
Cc:	Paul McMonagle; Walshe, Marc; Christiansen, Kaj
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area
	Planning Application
Attachments:	Prescribed Body Notification Letter - HSA - V4 - 280524.pdf

Dear Tara Horigan,

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Health and Safety Authority, The Metropolitan Building, James Joyce Street, Dublin 1, D01 K0Y8

4th June 2024

tara horigan@hsa.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Tara Horigan,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

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I. One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and

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1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

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(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostranser

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Leo Kilkenny

From:	Leo Kilkenny
Sent:	04 June 2024 12:07
То:	planning@cru.ie
Cc:	Paul McMonagle; Christiansen, Kaj; Walshe, Marc
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area
	Planning Application
Attachments:	Prescribed Body Notification Letter - CfRoU - V4 - 280524.pdf

Dear Natasha Anderson,

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards,

Leo Kilkenny



Delivered by Email

Commission for Regulation of Utilities, Planning, The Grain House, The Exchange, Belgard Square North, Tallaght, Dublin 24, D24 PXW0 planning@cru.ie

4th June 2024

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Natasha Anderson,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	15	55	162
Rotor diameter (m)	23	36	250
Upper blade tip height (above LAT) (m)	273		287
Lower blade tip height (above LAT) (m)	3	7	37
	Model 1a	Model 1b	6.9
Chord Width (m)	5.4	6.8	
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed

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Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:



- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Thortrance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 10:53
То:	'planning.applications@failteireland.ie'
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - FI - V4 - 280524.pdf

Dear Mr Dineen

Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Fáilte Ireland, Manager of Environment & Planning, Fáilte Ireland, 88 - 95 Amiens Street, Dublin 1 D01 WR86

4th June 2024

planning.applications@failteireland.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Shane Dineen

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

I. One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and

Sure Partners Limited is part of the SSE Group

The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493

1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	5	6	47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	15	55	162
Rotor diameter (m)	23	36	250
Upper blade tip height (above LAT) (m)	27	73	287
Lower blade tip height (above LAT) (m)	3	57	37
	Model 1a	Model 1b	<u> </u>
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be

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used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostranser

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 10:56
То:	advocacyqueries@antaisce.org
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area
	Planning Application
Attachments:	Prescribed Body Notification Letter - An Taisce - V4 - 280524.pdf

Dear Mr O'Callaghan

Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



An Taisce, 5 Foster Place, Temple Bar, Dublin 2, D02 V0P9

4th June 2024

advocacyqueries@antaisce.org

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Seán O'Callaghan,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

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Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
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- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
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The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

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- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.



Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiansen

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:30
То:	Planningsecretariat@dlrcoco.ie
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - DLRCoCo - V4 - 280524.pdf

Dear Mr Curran

Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Dún Laoghaire-Rathdown County Council, County Hall, Marine Road, Dún Laoghaire, A96 K6C9 <u>Planningsecretariat@dlrcoco.ie</u>

4th June 2024

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Frank Curran

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

I. One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight

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The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	5	6	47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	15	55	162
Rotor diameter (m)	23	36	250
Upper blade tip height (above LAT) (m)	27	73	287
Lower blade tip height (above LAT) (m)	3	7	37
Chard Width (m)	Model 1a	Model 1b	<u> </u>
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.



- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

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and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.



Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiansen

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: Aidan Blighe - Director of Planning and Economic Development **CC**: Ger Ryan - Senior Planner

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:13
То:	offshore@eirgrid.com
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - Eirgrid - V4 - 280524.pdf

Dear Mr Corrigan

Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Eirgrid, The Oval, 160 Shelbourne Road, Ballsbridge, Dublin 4, D04 FW28

4th June 2024

offshore@eirgrid.com

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Martin Corrigan,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

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1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

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Number of WTGs	5	6	47
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Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
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used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

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- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
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The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

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(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

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Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostranser

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 10:59
То:	cbannon@emra.ie
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - EMRA - V4 - 280524.pdf

Dear Ms Bannon

Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Eastern & Midland Regional Assembly, 3rd Floor North Ballymun Civic Centre, Main Street, Ballymun, Dublin 9, D09 C8P5

4th June 2024

cbannon@emra.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Clare Bannon,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

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The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

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1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

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Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
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Yours sincerely,

hostranser

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

e Area

Dear Mr Fitzpatrick

Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application

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Kind Regards



Irish Aviation Authority, The Times Building, 11-12 D'Olier Street, Dublin 2, D02 T449

4th June 2024

planning@iaa.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Declan Fitzpatrick,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

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- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
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- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.



- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.



Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiansen

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:19
То:	conor.kelly@transport.gov.ie
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - The Irish Coast Guard - V4 - 280524.pdf

Dear Mr Kelly

Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



The Irish Coast Guard, Department of Transport, Leeson Lane, Dublin 2, D02 TR60

4th June 2024

conor.kelly@transport.gov.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Conor Kelly,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

I. One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight

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variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	5	6	47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	15	55	162
Rotor diameter (m)	23	36	250
Upper blade tip height (above LAT) (m)	27	73	287
Lower blade tip height (above LAT) (m)	3	7	37
Chard Midth (m)	Model 1a	Model 1b	6.9
Chord Width (m)	5.4	6.8	
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
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- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.



- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.



Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiansen

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:02
То:	planning@nationaltransport.ie
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - NTA - V4 - 280524.pdf

Dear Mr McAree

Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



National Transport Authority, Strategic Planning and Analysis, National Transport Authority, Dún Scéine, Harcourt Lane, Dublin 2, D02 WT20

4th June 2024

planning@nationaltransport.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Michael MacAree,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

I. One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and

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1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	5	6	47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	15	55	162
Rotor diameter (m)	23	36	250
Upper blade tip height (above LAT) (m)	27	73	287
Lower blade tip height (above LAT) (m)	3	7	37
Chard Width (m)	Model 1a	Model 1b	6.0
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be

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used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

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The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

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(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

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(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostranser

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:05
То:	spc@seai.ie
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - SEAI - V4 - 280524.pdf

Dear Dr Dennehy

Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

Sustainable Energy Authority of Ireland, ORE Division, 3 Park Place, Hatch Street Upper, Dublin 2, D02 FX65

4th June 2024

spc@seai.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Dr. Emer Dennehy,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

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Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.



Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiansen

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:00
То:	dkelly@southernassembly.ie
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - SRA - V4 - 280524.pdf

Dear Mr Kelly

Notice of a Direct Application to An Bord Pleanala in respect of a Maritime Area Planning Application

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

Southern Regional Assembly, Assembly House, O' Connell Street, Waterford, Co. Waterford, X91 F8PC

4th June 2024

dkelly@southernassembly.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear David Kelly,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

 One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight

Sure Partners Limited is part of the SSE Group

The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493

sserenewables.com

variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	5	6	47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	15	55	162
Rotor diameter (m)	23	36	250
Upper blade tip height (above LAT) (m)	27	73	287
Lower blade tip height (above LAT) (m)	3	7	37
Chard Midth (m)	Model 1a	Model 1b	<u> </u>
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.



- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.



Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiansen

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:23
То:	info@irishlights.ie
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application
Attachments:	Prescribed Body Notification Letter - ColL - V4 - 280524.pdf

Dear Mr Devlin

Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

Commissioner of Irish Lights, Harbour Road, Dún Laoghaire, Co. Dublin A96 H500

4th June 2024

mark.devlin@irishlight.ie

Re: Notice of a Direct Application to An Bord Pleanála in respect of a Maritime Area Planning Application

Dear Mark Barr,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended), accompanies the planning application.

The Proposed Development will comprise:

One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight

Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	5	6	47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	15	55	162
Rotor diameter (m)	23	36	250
Upper blade tip height (above LAT) (m)	27	73	287
Lower blade tip height (above LAT) (m)	37		37
Chard Midth (m)	Model 1a	Model 1b	<u> </u>
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.



- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
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Any submission or observation must be received by the Board not later than 5.30 p.m. on the **7th August 2024**.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiansen

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:40
То:	planning@infrastructure-ni.gov.uk
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - Dfl - V5 Final - 290524.pdf

Dear Minister O'Dowd and Mr Beggs

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

Minister John O'Dowd Department for Infrastructure Clarence Court 10-18 Adelaide Street Belfast BT2 8GB planning@infrastructure-ni.gov.uk

4th June 2024

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Minister,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended) accompanies this planning application.

The Proposed Development will comprise:

Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
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- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
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- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed

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The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493

sserenewables.com

Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
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- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
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An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of Northern Ireland.

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and



(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Mostrans

Kaj Christiansen Development Manager – ABWP2

Email kaj.christiansen@sse.com Contact: 00353 873987668

CC: Alistair Beggs, Chief Planner

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:44
То:	kim.harding@levellingup.gov.uk
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant
	effects on the environment of a Member State of the European Union or a state
	that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - DLUHC - V5 Final - 290524.pdf

Dear Ms Harding,

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

4th June 2024

Kim Harding, Environmental Assessment Department for Levelling Up, Housing and Communities 2 Marsham Street London, United Kingdom SW1P 4 DF kim.harding@levellingup.gov.uk

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Kim Harding,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended) accompanies this planning application.

Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com



The Proposed Development will comprise:

One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	5	6	47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	15	55	162
Rotor diameter (m)	23	36	250
Upper blade tip height (above LAT) (m)	27	73	287
Lower blade tip height (above LAT) (m)	3	7	37
Chard Width (m)	Model 1a Model 1b	6.9	
Chord Width (m)	5.4	6.8	0.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.



- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.
- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of England.

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

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Kaj Christiansen Development Manager – ABWP2

Email kaj.christiansen@sse.com Contact: 00353 873987668

CC: Thea Davis - Senior Planner DLUHC.

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 12:20
То:	Emily.Curphey@gov.im; offshoredevelopment.DOI@gov.im
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - IoM - V5 Final - 290524.pdf

Dear Ms Curphey,

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

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Kind Regards



Delivered by Email

Department for Infrastructure, Sea Terminal, Douglas, Isle of Man, IM1 2RF offshoredevelopment.DOI@gov.im

4th June 2024

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Emily Curphey,

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I. One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and

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1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

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Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	155		162
Rotor diameter (m)	236		250
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Lower blade tip height (above LAT) (m)	37		37
Chard Width (m)	Model 1a	Model 1b	6.9
Chord Width (m)	5.4	6.8	
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
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used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

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The Proposed Development is likely to have significant effects on the environment of the Isle of Man.

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.



Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiance Nal

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:42
То:	riain.mclaughlin@loughs-agency.org;
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - LA - V5 Final - 290524.pdf

Dear Mr McLaughlin

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

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Kind Regards



Delivered by Email

4th June 2024

Loughs Agency, 22 Victoria Road Derry/Londonderry Northern Ireland BT47 2AB riain.mclaughlin@loughs-agency.org planning@loughs-agency.org

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Riain Mclaughlin,

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Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

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The Proposed Development is likely to have significant effects on the environment of Northern Ireland.

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Yours sincerely,

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Kaj Christiansen Development Manager – ABWP2

Email kaj.christiansen@sse.com Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:51
То:	communication@premar-manche.gouv.fr
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - PMMMN - V5 Final - 290524.pdf

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Kind Regards



Delivered by Email

Préfecture Maritime de la Manche et de la Mer du Nord, 5 BD de la Bretonnière Cherbourg-en-Cotentin, France

4th June 2024

communication@premar-manche.gouv.fr

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Dear Marc Véran,

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1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	155		162
Rotor diameter (m)	236		250
Upper blade tip height (above LAT) (m)	273		287
Lower blade tip height (above LAT) (m)	3	57	37
	Model 1a Model 1b	<u> </u>	
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be

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used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of France.

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.



Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiance Rai

Kaj Christiansen Development Manager – ABWP2

Email kaj.christiansen@sse.com Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:48
То:	marineenergy@nature.scot; MD.marinerenewables@gov.scot
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - Scot Gov - V5 Final - 290524.pdf

Dear Ms Knott

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

NatureScot, Battleby House, Redgorton, Perth, Scotland PH1 3EW, <u>marineenergy@nature.scot</u> MD.MarineRenewables@gov.scot

4th June 2024

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Erica Knott,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended) accompanies this planning application.

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The Proposed Development will comprise:

One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
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Chard Width (m)	Model 1a	Model 1b	6.0
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Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
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- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
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- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.
- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
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- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of Scotland.

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

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(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiance

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:53
То:	sgmer@pm.gouv.fr
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state
	that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - SGM - V5 Final - 290524.pdf

Dear Mr Lallement,

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

Secrétariat Général de la Mer, 20 AV de Ségur, 75007 Paris France

4th June 2024

sgmer@pm.gouv.fr

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Didier Lallement,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

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The Proposed Development will comprise:

Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

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Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
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Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

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Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostians

Kaj Christiansen Development Manager – ABWP2

Email kaj.christiansen@sse.com Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:43
То:	correspondence@nio.gov.uk
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state
	that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - SoSNI - V5 Final - 290524.pdf

Dear Rt Hon Chris Heaton-Harris,

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

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Kind Regards



Delivered by Email

4th June 2024

Secretary of State for Northern Ireland, Northern Ireland Office, Erskine House, 20-32 Chichester St., Belfast, Northern Ireland BT1 4GF correspondence@nio.gov.uk

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Rt Hon Chris Heaton-Harris,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

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- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.



- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.
- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of Northern Ireland.

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

a hostianse

Kaj Christiansen Development Manager – ABWP2

Email kaj.christiansen@sse.com Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:46
То:	EnergyPolicyMailbox@gov.wales
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state
	that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - Welsh Gov - V5 Final - 290524.pdf

Dear Mrs Cressey,

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

Energy Division, Welsh Government, Sarn Mynach, Llandudno Junction, Conwy, LL31 9RZ EnergyPolicyMailbox@gov.wales

4th June 2024

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Mrs H Cressey,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended) accompanies this planning application.

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The Proposed Development will comprise:

One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	155		162
Rotor diameter (m)	236		250
Upper blade tip height (above LAT) (m)	273		287
Lower blade tip height (above LAT) (m)	3	7	37
Chard Width (m)	Model 1a	Model 1b	6.9
Chord Width (m)	5.4	6.8	0.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.



- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.
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- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
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The Proposed Development is likely to have significant effects on the environment of Wales.

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and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

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(i) the implications of the proposed development for maritime spatial planning, and



(ii) the implications of the proposed development for proper planning and sustainable development, and

(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

a hostianse

Kaj Christiansen Development Manager – ABWP2

Email kaj.christiansen@sse.com Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt
Sent:	04 June 2024 11:57
То:	'crpm@copeche.org'
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state
	that is a party to the Transboundary Convention
Attachments:	Transboundary Body Notification Letter - CRPMEM Nord- V5 Final - 290524.pdf

Dear Mr Leprêtre,

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

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Full details of the Proposed Development and the location are included in the attached correspondence.

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

CRPMEM Nord, 12, rue Solférino 62200 Boulogne sur Mer, France

4th June 2024

crpm@copeche.org

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Oliver Leprêtre,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended) accompanies this planning application.

The Proposed Development will comprise:

I. One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and

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sserenewables.com

1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

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Number of WTGs	56		47
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Lower blade tip height (above LAT) (m)	3	57	37
	Model 1a Model 1b	<u> </u>	
Chord Width (m)	5.4	6.8	6.9
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
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- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
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used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
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- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
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- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of France.

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

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Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiance Rai

Kaj Christiansen Development Manager – ABWP2

Email kaj.christiansen@sse.com Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt		
Sent:	04 June 2024 11:58		
То:	contact@federationpeche.fr		
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle		
Subject:	Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state		
	that is a party to the Transboundary Convention		
Attachments:	Transboundary Body Notification Letter - FNP - V5 Final - 290524.pdf		

Dear Mr Roustan,

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

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As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

Fédération Nationale de la Pêche, 108/110 rue Saint-Maur 75011 Paris, France

4th June 2024

contact@federationpeche.fr

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Claude Roustan,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

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and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and
- (iii) the likely effects on the environment or any European site of the proposed development.



Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

hostiance Nal

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

Ryan Watt

From:	Ryan Watt			
Sent:	04 June 2024 11:59			
То:	op@fromnord.fr			
Cc:	Christiansen, Kaj; Walshe, Marc; Paul McMonagle			
Subject:	Notification in relation to proposed development that is likely to have signific effects on the environment of a Member State of the European Union or a sta			
	that is a party to the Transboundary Convention			
Attachments:	Transboundary Body Notification Letter - FROM Nord - V5 Final - 290524.pdf			

Dear Mr Soisson,

Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Please find attached correspondence to advise you that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended for the Arklow bank Wind Park 2 Offshore Infrastructure.

The Proposed Development is an offshore windfarm, located off the coast of Co. Wicklow and Co. Wexford on the east coast of Ireland, on and around the Arklow Bank in the Irish Sea.

Full details of the Proposed Development and the location are included in the attached correspondence.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. The planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie

As set out in the correspondence, any submission or observation in relation to the Proposed Development must be received by the Board not later than 5.30p.m. on the 7thAugust 2024.

Kind Regards



Delivered by Email

FROM Nord, 16 rue du Commandant Charcot CS 10381 62200 Boulogne sur Mer, France

4th June 2024

op@fromnord.fr

Re: Notification in relation to proposed development that is likely to have significant effects on the environment of a Member State of the European Union or a state that is a party to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo (Finland), on 25 February 1991).

Dear Florian Soisson,

Please be advised that Sure Partners Limited intends to apply to An Bord Pleanála under Section 291 of the Planning and Development Act 2000, as amended, for permission for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref <u>2022-MAC-002</u>) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km² and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km². The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km².

Certain details of the Proposed Development are unconfirmed in the planning application and an opinion on unconfirmed details from the Board pursuant to section 287B of the Planning and Development Act 2000 (as amended) accompanies this planning application.

The Proposed Development will comprise:

Sure Partners Limited is part of the SSE Group The Registered Office of Sure Partners Limited is Red Oak South, South County Business Park, Leopardstown, Dublin 18, Ireland Registered in the Republic of Ireland No. 291493 sserenewables.com One of two Project Design Options - Project Design Option 1 (which comprises Models 1a and 1b, one of which will be selected) or Project Design Option 2. Project Design Option 1 (Models 1a and 1b) comprises WTGs with the same rotor diameter, hub height and tip heights and with slight variations in chord width and revolutions per minute (RPM) between the two models. The Project Design Options comprise the following parameters:

Parameters	Project Design Option 1		Project Design Option 2
Number of WTGs	56		47
Hub height (above Lowest Astronomical Tide (LAT)) (m)	155		162
Rotor diameter (m)	236		250
Upper blade tip height (above LAT) (m)	273		287
Lower blade tip height (above LAT) (m)	37		37
Chard Width (m)	Model 1a	Model 1b	6.9
Chord Width (m)	5.4	6.8	
Average annual RPM	6.34	5.73	6.19

- II. The WTGs for both Project Design Options will comprise three blades and a horizontal axis rotor. The blades will be connected to the hub, forming a rotor which turns a shaft connected either directly to the generator ('direct drive') or to a gearbox, which are located within the nacelle. Each WTG will be installed on a steel monopile foundation with a diameter ranging from 7 m to 11 m.
- III. Two OSPs each comprising a topside structure with a main structure height of 53 m above LAT, an antennae height of 63 m above LAT, topside length of 46 m and topside width of 33.5 m, supported on a monopile foundation ranging from 7 m to 14 m in diameter. One OSP will be located in the north, and one will be located in the south of the Array Area. The OSP topside structure will contain switch gear, transformers, control equipment, auxiliary electrical equipment, cranes, batteries, generators, fire control systems, communication mast and other ancillary equipment.
- IV. The monopile foundations for the WTGs and OSPs will consist of a hollow steel tube installed into the seabed. WTG monopile foundations will be installed to a depth ranging from 20 m to 37 m below Lowest Seabed Level (LSBL), while OSP monopile foundations will be installed to a depth ranging from 20 m to 45 m below LSBL.
- V. A network of inter-array cabling between WTG and OSP locations with a length of between 110 km and 122 km.
- VI. Interconnector cabling between the two OSPs with a length of between 25 km and 28 km.
- VII. Two export cable circuits extending from the OSPs to the proposed Landfall at Johnstown North with a combined length of between 35 km and 40 km.
- VIII. Associated ancillary works comprising cable protection and scour protection. Cable protection will be installed to prevent movement and exposure of the cables over the lifetime of the Proposed

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Development where the cables cannot be buried to the required depth. Scour protection will be used to protect the monopile foundations from tide induced scour that may occur around the monopile foundation.

- IX. Ancillary components to be mounted on the monopile foundations including boat landings, J-tubes, platforms and davit cranes to support the construction, operation and decommissioning of the infrastructure described above.
- X. Confirmatory surveys comprising geotechnical, geophysical and environmental surveys.
- XI. Project Design Options 1 and 2 have defined WTG and OSP layouts with a 100 m limit of deviation applying to each location to allow avoidance of site constraints such as difficult ground conditions during construction.
- XII. At Landfall, the export cables will be installed using trenchless techniques between the HWM and the exit point of the trenchless technique. This involves installing the export cables along underground drilled pathways of length between 350 m and 880 m, without the need to excavate an open trench.
- XIII. This application is seeking a ten-year permission and 36.5 year operational life from the date of final commissioning of the Proposed Development.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the Proposed Development. As confirmed, the planning documents, planning drawings, EIAR and NIS have been published on the following website for the purpose of the application: www.arklowbank2offshoreplanning.ie.

The Proposed Development is likely to have significant effects on the environment of France.

The application relates to a Proposed Development which requires a Dumping at Sea Permit under the Dumping at Sea Act 1996 (as amended).

Please note that An Bord Pleanála, following its consideration of the application, can decide to:

(a) grant the permission subject to such modifications (if any) to the proposed development as it may specify,

(b) grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, or

(c) refuse to grant the permission,

and the Board may attach such conditions to a permission granted under paragraph (a) or (b) as it considers appropriate.

Submissions or observations may be made in writing to Marine/Climate Section of An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, or by email at <u>marineobs@pleanala.ie</u>, relating to:

- (i) the implications of the proposed development for maritime spatial planning, and
- (ii) the implications of the proposed development for proper planning and sustainable development, and



(iii) the likely effects on the environment or any European site of the proposed development.

Any submission or observation must be received by the Board not later than 5.30 p.m. on 7th August 2024.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

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Kaj Christiansen Development Manager – ABWP2

Email kaj.christiansen@sse.com Contact: 00353 873987668



Eimear O'Gorman Chief Executive Wicklow County Council County Buildings Whitegates Wicklow Town A67 FW96

6th June 2024

COPY OF A DIRECT PLANNING APPLICATION TO AN BORD PLEANÁLA IN RESPECT OF AN OFFSHORE WIND ENERGY DEVELOPMENT - ARKLOW BANK WIND PARK 2

Dear Ms O'Gorman,

On behalf of Sure Partners Limited, and further to our recent notification issued by email on 04th June 2024, please find enclosed, as agreed, 2 no. hardcopies and 5 no electronic copies of an Application to An Bord Pleanála for permission in accordance with Section 291 of the Planning and Development Act 2000 (as amended) for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

The Proposed Development is an offshore wind farm, located off the coast of Co. Wicklow and Co. Wexford, on the east coast of Ireland. A Maritime Area Consent (MAC) (Ref 2022-MAC-002) was granted in December 2022 for the construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works) on and around the Arklow Bank in the Irish Sea.

The site of the Proposed Development comprises an Array Area (the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed and a Cable Corridor and Working Area (the area within which export, inter-array and interconnector cabling will be installed). The overall Proposed Development site area is 139.4 km2 and all of the Proposed Development will be seaward of the High Water Mark (HWM). The Array Area is located approximately 6 km to 15 km off the coast and covers an area of approximately 63.4 km2. The Cable Corridor and Working Area extends from the Array Area to the HWM at Johnstown North, north of Arklow Town, Co. Wicklow where the offshore export cables make landfall (the Landfall). The area of the Cable Corridor and Working Area is 76.0 km2.

The Proposed Development is described in detail in the plans and particulars accompanying the Application, which in addition to this Cover Letter, comprises the following information:

- Application Form for Permission in respect of a Maritime Area Planning Application
 - o Attachment 1 Schedule of Plans/Drawings
 - o Attachment 2 Description of Proposed Development



- Attachment 3 Copy of the Maritime Area Consent
- Attachment 4 Copy of Irish Independent Newspaper Notice
- Attachment 5 Copy of Gorey Guardian Newspaper Notice
- Attachment 6 Copy of Wicklow People Newspaper Notice
- Attachment 7 Copy of Consultation Report
- Attachment 8 Schedule of Bodies Notified
- Attachment 9 Sample copy of a Notification to a Coastal Planning Authority
- Attachment 10 Sample copy of a Notification to a Prescribed Body
- Attachment 11 Sample copy of a Notification to a Transboundary Body
- Attachment 12 Copy of EIA Portal Notification
- From No. 22 Supplementary Information Accompanying an Application Accompanied by an Opinion on Flexibility
 - Attachment 1 Description of Proposed Development
 - Attachment 2 Copy of the Board's Opinion under Section 287B of the Planning and Development Act 2000 (as amended).
- Planning Report
- Planning Drawings
- Environmental Impact Assessment Report (EIAR)
- Natura Impact Statement (NIS)

The planning documents, planning drawings, EIAR and NIS have also been published on the following website for the purpose of the application: <u>www.arklowbank2offshoreplanning.ie</u>.

Please note that Wicklow County Council, as the Coastal Planning Authority, is required to make the application documentation available for public inspection/purchase in accordance with the terms of the

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public notice. It is the Board's intention that all of the application documentation will remain available for public inspection during the currency of the application.

In accordance with section 291(4) of the Planning and Development Act 2000 (as amended), as a Coastal Planning Authority, you may, not later than 10 weeks (or such longer period as may be specified by the Board) from the making of the section 291 application in respect of the proposed development, prepare and submit to the Board a report setting out the views of the Coastal Planning Authority in relation to the proposed development, having regard in particular to the matters to which a Coastal Planning Authority is required to have regard in accordance with subsection (2) of section 34 and subsection (2) of section 282 in relation to an application referred to in subsection (3) of section 281.

In addition to the abovementioned report, the Board may request a Coastal Planning Authority to furnish such information as the Board may specify in relation to:

(a) the implications of the proposed development for maritime spatial planning,

(b) the implications of the proposed development for proper planning and sustainable development in the functional area concerned, and

(c) the likely effects of the proposed development on the environment or any European site.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: Leonora Earls - Director of Services, Planning, Economic & Rural Development **CC**: Edel Birmingham - Senior Executive Planner

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Eddie Taaffe Chief Executive Wexford County Council County Hall, Carricklawn, Wexford Y35 WY93

6th June 2024

COPY OF A DIRECT PLANNING APPLICATION TO AN BORD PLEANÁLA IN RESPECT OF AN OFFSHORE WIND ENERGY DEVELOPMENT - ARKLOW BANK WIND PARK 2

Dear Mr Taaffe,

On behalf of Sure Partners Limited, and further to our recent notification issued by email on 04th June 2024, please find enclosed, as agreed, 2 no. hardcopies and 5 no electronic copies of an Application to An Bord Pleanála for permission in accordance with Section 291 of the Planning and Development Act 2000 (as amended) for the Arklow Bank Wind Park 2 (ABWP2) Offshore Infrastructure (hereinafter referred to as the Proposed Development).

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Registered in the Republic of Ireland No. 291493



public notice. It is the Board's intention that all of the application documentation will remain available for public inspection during the currency of the application.

In accordance with section 291(4) of the Planning and Development Act 2000 (as amended), as a Coastal Planning Authority, you may, not later than 10 weeks (or such longer period as may be specified by the Board) from the making of the section 291 application in respect of the proposed development, prepare and submit to the Board a report setting out the views of the Coastal Planning Authority in relation to the proposed development, having regard in particular to the matters to which a Coastal Planning Authority is required to have regard in accordance with subsection (2) of section 34 and subsection (2) of section 282 in relation to an application referred to in subsection (3) of section 281.

In addition to the abovementioned report, the Board may request a Coastal Planning Authority to furnish such information as the Board may specify in relation to:

(a) the implications of the proposed development for maritime spatial planning,

(b) the implications of the proposed development for proper planning and sustainable development in the functional area concerned, and

(c) the likely effects of the proposed development on the environment or any European site.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel: 01 8588100).

Yours sincerely,

a Chrotians

Kaj Christiansen Development Manager – ABWP2

Email <u>kaj.christiansen@sse.com</u> Contact: 00353 873987668

CC: Elizabeth Hore - Director of Services, Economic Development and Planning **CC:** Diarmuid Houston - Senior Planner

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