

An  
Bord  
Pleanála

## Application Form for Permission in respect of a Maritime Area Planning Application.

1.

Please specify the statutory provision under which your application is being made:	Section 291 of Planning and Development Act 2000 (as amended)
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2. **Applicant:**

Name of Applicant:	Codling Wind Park Ltd (“ <b>CWPL</b> ”)
Address:	Trintech Building 2nd Floor South County Business Park Leopardstown Dublin D18 H5H9
Telephone No:	+44 (0)7741130351
Email Address (if any):	lis.royle@codlingwindpark.ie

**3. Where Applicant is a company (registered under the Companies Acts):**

Name(s) of company director(s):	Christian Ruth Lars Bender Ryenne Burges Matthieu Hue John Penman
Registered Address (of company)	Codling Wind Park Limited, c/o Cooney Carey Limited, The Courtyard, Carmanhall Road, Sandyford, Dublin D18 YD27
Company Registration No.	358470
Telephone No.	+44 (0)7741130351
Email Address (if any)	lis.royle@codlingwindpark.ie

**4. Person / Agent acting on behalf of the Applicant (if any):**

Name:	Jerry Barnes / MacCabe Durney Barnes
Address:	20 Fitzwilliam Place, Dublin 2, D02YV58
Telephone No.	01 676 2594
Mobile No. (if any)	087 417 9969
Email address (if any)	jbarnes@mdb.ie

**Should all correspondence be sent to the above address? (Please tick appropriate box)**

(Please note that if the answer is “No”, all correspondence will be sent to the Applicant’s address)

Yes: [  ] No:[  ]

Contact Name and Contact Details (Phone number) for arranging entry on site if required / appropriate:

Lis Royle  
+44 (0)7741130351

**5. Person responsible for preparation of Drawings and Plans:**

Name:	Michael Nolan/ Lis Royle
Firm / Company:	TOBIN Consulting Engineers
Address:	Dublin Office Block 10-4 Blanchardstown Corporate Park Dublin 15
Telephone No:	01 803 0401
Mobile No:	+44 (0)7741130351
Email Address (if any):	michael.nolan@tobin.ie/ lis.royle@codlingwindpark.ie
<b>Details all plans / drawings submitted – title of drawings / plans, scale and no. of copies submitted. This can be submitted as a separate schedule with the application form. Details referred to in article 4 of the Planning and Development (Maritime Development) Regulations 2021. This can also be submitted as a separate schedule with the application form</b>	
Enclosed: Please see Schedule 2 of the Planning Documents.	

**6. Site:**

<p>Site Address / Location of the Proposed Development (as may best identify the land or structure in question)</p>	<p>The offshore wind farm (OWF), consisting of a generating station with wind turbine generators (WTGs) located in the maritime area, in the Irish Sea approximately 13-22 km off the County Wicklow coast. Offshore transmission infrastructure will connect the generating station to the shore. This includes the offshore export cables which will cross the nearshore area of Wicklow County Council, Dún Laoghaire Rathdown County Council and Dublin City Council, arriving at the landfall location on the southern shoreline of the Poolbeg Peninsula, Ringsend, Dublin 4. Onshore transmission infrastructure will be installed on the Poolbeg Peninsula. The onshore transmission infrastructure will include onshore export cables routed underground from the landfall to a new onshore substation located to the north of Pigeon House Road, Dublin 4, and an onward connection to the existing Poolbeg 220 kV electrical substation at Pigeon House Road, Ringsend, Dublin 4.</p>
<p>Ordnance Survey Map Ref No. (and the Grid Reference where available)</p>	<p><b>Onshore Development Area</b></p> <p>Scale 1:50,000 TÉ tile reference numbers:          Tailte Éireann 1:50,000 Sheet No's: 3022 &amp; 3222.</p> <p><b>Offshore Development Area</b></p> <p>Admiralty Chart mapping references:          1468; Tile: Ireland - East Coast, Arklow to the Skerries Islands</p> <p><b>Grid references</b></p> <p>Centre of the Array Site: (ITM) - X=748622          Y=704636</p> <p>Onshore/ offshore interface (cable landfall at HWM): (ITM) - X=719685 Y=733242</p> <p>Centre of substation location: (ITM) = X=720108          Y=733886</p>
<p>Where available, please provide the application site boundary, as shown in the submitted plans / drawings, as an ESRI shapefile in the Irish Transverse Mercator (ITM IREN95) co-ordinate reference system. Alternatively, a CAD file in .dwg format, with all geometry referenced to ITM, may be provided.</p> <p>A shapefile of the planning application boundary is included with the eight digital copies (USB drives) of this application.</p>	

<p>Area of site to which the application relates in square kilometres</p>	<p>1. The offshore development area, including permanent and temporary works associated with the array site, the array site maritime safety demarcation area (MSDA), the offshore export cable corridor and the landfall below the high water mark is 189.24 km<sup>2</sup>.</p> <p>2. The onshore development area, including permanent and temporary works associated with the landfall above the high water mark, the onshore export cables, the onshore substation (above and below the high water mark) and the grid connection network cables is 0.23 km<sup>2</sup>.</p> <p>The total area of the planning application boundary is 189.47 km<sup>2</sup>.</p>
<p>Existing use of the site &amp; proposed use of the site:</p>	<p><b>Existing:</b></p> <p>The offshore development area includes fishing, navigation and marine surveying.</p> <p>The onshore development area includes recreational / amenity lands, vacant sites previously used for port uses, and utilities.</p> <p><b>Proposed:</b></p> <p>Within the offshore development area, the proposed use is an OWF with associated offshore transmission infrastructure.</p> <p>Within the onshore development area, the proposed use is for onshore transmission infrastructure to transform the electricity generated by the OWF and connect it to the national grid.</p>
<p>Name of the Coastal Planning Authority(s) in whose functional area the site is situated:</p>	<ul style="list-style-type: none"> <li>• Wicklow County Council</li> <li>• Dún Laoghaire Rathdown County Council</li> <li>• Dublin City Council</li> </ul>

**7. Obligation to obtain permission to carry out development:**

Are you in possession of a Maritime Area Consent or a licence granted under section 3 of the Foreshore Act, 1933?

Yes: [  ] No: [  ]

**Provide copy of Maritime Area Consent or copy of licence.**

Please refer to 2022- MAC-006 (as amended) available in Schedule 5 of the Planning Documents

**8. Site History:**

**Details regarding site history (if known):**

**Offshore**

<p>Foreshore Lease dated 15 November 2005 between Codling Wind Park and the Minister for Communications, Marine and Natural Resources</p>	<p>Foreshore lease granted under the Foreshore Act 1933 in November 2005 to Fred Olsen Renewables Limited (FORL) for the installation of up to 220 WTGs within the original CWP array site with a generating capacity of up to 1,100 MW and associated infrastructure.</p> <p>This relates to the original CWP site, which consists of the northern part of the development subject of this application.</p>
<p>Ref: FS007045</p>	<p>Foreshore licence granted under the Foreshore Act 1933 in February 2021 for site investigation works. This licence is currently in the process of being surrendered.</p>
<p>Ref. FS007546</p>	<p>Foreshore licence granted under the Foreshore Act 1933 in May 2023 for site investigation works of the licenced area. The offshore development area sits entirely within the licenced area.</p>
<p>Ref: Maritime Area Consent Ref. No. 2022-MAC-006</p>	<p>The CWP Project was granted a Maritime Area Consent (MAC). The date of commencement of the MAC is the 23 December 2022 (Ref. 2022- MAC-006 (as amended)).</p>

**Onshore**

<p>PA.Reg.Ref.4600/08</p>	<p>Planning permission was granted on appeal to Ecocem Ireland Ltd in August 2009 for a new stockpile area for the storage of granulated bulk slag at their plant. The application includes a new bridge, retaining walls and associated site works and services on site area of 0.54ha. The permission was extended to the 24th September 2019 (PA.Reg.Ref.4600/08/x1).</p>
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PA.Reg.Ref 3711/18	Planning permission was granted in July 2019 to Dublin Port Company for the construction of a bridge to span the existing cooling water outfall channel.
PA.Reg.Ref.3625/20	Planning permission was granted to ESB on the 22nd June 2021 for the demolition of three existing disused modern buildings (combined floor area 3,240 sqm), works, the construction and operation of 75 MW capacity battery energy system storage.
PWSDZ3074/23	Planning permission was granted to ESB on the 13 <sup>th</sup> February 2024 for the construction /installation of one open cycle gas turbine generating unit and associated plant and equipment.

Note: Full details of the site's planning history can be found in the Planning Report.

## 9. Description of the Proposed Development:

Brief description of nature and extent of development	<p>The construction, operation and decommissioning of the Codling Wind Park (CWP) Project, an offshore wind farm (OWF), consisting of a generating station with wind turbine generators (WTGs) located in the maritime area, in the Irish Sea approximately 13-22 km off the County Wicklow coast. Offshore transmission infrastructure will connect the generating station to the shore. This includes the offshore export cables which will cross the nearshore area of Wicklow County Council, Dún Laoghaire Rathdown County Council and Dublin City Council, arriving at the landfall location on the southern shoreline of the Poolbeg Peninsula, Ringsend, Dublin 4. Onshore transmission infrastructure will be installed on the Poolbeg Peninsula. The onshore transmission infrastructure will include onshore export cables routed underground from the landfall to a new onshore substation located to the north of Pigeon House Road, Dublin 4, and an onward connection to the existing Poolbeg 220 kV electrical substation at Pigeon House Road, Ringsend, Dublin 4.</p> <p>The <b>generating station</b> will consist of one of two different WTG layout options:</p> <ul style="list-style-type: none"> <li>• WTG Layout Option A, consisting of 75 WTGs with a rotor diameter of 250 m and blade tip height of 287.72 m above Lowest Astronomical Tide on monopile foundations; or</li> <li>• WTG Layout Option B, consisting of 60 WTGs with a rotor diameter of 276 m and blade tip height of 313.72 m above Lowest Astronomical Tide on monopile foundations.</li> </ul> <p>CWPL is seeking development permission for both WTG layout options, but will construct, operate and decommission only one</p>
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or the other of the WTG layout options (and not both or a combination of both). The generating station will include a network of inter-array cables (IACs) that distribute the electrical power generated at the WTGs to the offshore substation structures (OSSs), which form part of the offshore transmission infrastructure, and two interconnector cables connecting the OSSs to each other. Scour protection around the base of the monopile foundations and cable protection on the IACs and interconnector cables is also proposed.

The **offshore transmission infrastructure** will consist of three OSSs each comprising an OSS topside fixed on a single monopile foundation to which the IACs and interconnector cables will connect, and three 220 kV offshore export cables, connecting the OSSs to the landfall. Scour protection around the base of the OSS monopile foundations and cable protection on the offshore export cables is also proposed.

The **landfall** is the onshore/ offshore interface of the project and extends across the intertidal area in the South Dublin Bay and to three underground transition joint bays (TJBs) on the southern shoreline of the Poolbeg Peninsula. Offshore export cables will be installed in ducted and non-ducted sections in this area before connecting to the onshore export cables within the TJBs.

The **onshore transmission infrastructure** consists of the TJBs, three 220 kV onshore export cables between the TJBs and the onshore substation in an underground tunnel, which will be approximately 0.7 km long, with an outer diameter of 3.6 m.

The onshore substation will have an operational site area of 16,050 sqm and will include:

- excavation of land in the north-eastern part of the site to a depth of -0.51 m ordnance datum (OD);
- reclamation of land (1,800 sqm) in the south-eastern part of the site for the Electricity Supply Board (ESB) building;
- a main gas insulated switchgear (GIS) building, dimensions are 61.86 m (length) x 19.79 m (width) x 35.20 +mOD (height), including three shunt reactors;
- an ESB GIS building, dimensions are 35.09 m (length) x 15.06 m (width) x 23.10 +mOD (height);
- an ESB Medium Voltage (MV) building, dimensions are 10.14 m (length) x 5.64 m (width) x 8.07 +mOD (height);
- a Statcom building, dimensions are 93.14 m (length) x 26.76 m (width) x 29.50 +mOD (height);
- three harmonic filters;
- upgrades to the existing access road from Pigeon House to the main site entrance;
- a new bridge to provide vehicle access across the cooling water discharge channel;



	<ul style="list-style-type: none"> <li>• new internal access road layout within the site boundary including 9 no. car parking spaces;</li> <li>• perimeter structures include upgraded revetments and quay retaining walls;</li> <li>• drainage infrastructure;</li> <li>• security fencing and lighting; and</li> <li>• landscaping and associated site works.</li> </ul> <p>In addition to the above, the onshore transmission infrastructure will include three 220 kV ESB Networks (ESBN) cables to connect the onshore substation to the Poolbeg 220 kV substation to allow for connection to the national grid. These cables will be laid under the Pigeon House Road.</p> <p>A ten year planning permission is sought, with an operational lifetime of 25 years. The 25 year operational lifetime shall commence on full commercial operation of the project.</p> <p>The development may have significant effects on the environment of the United Kingdom and Isle of Man, state party to the UNECE Convention on Environmental Impact Assessment in a Transboundary Context. The Environmental Impact Assessment Report (EIAR) has not identified any significant transboundary effects.</p> <p>The application relates to a development which comprises an activity requiring a Dumping at Sea licence.</p> <p>The application relates to a development that is partly within a Strategic Development Zone.</p> <p>An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the application.</p>
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**10. Development Details:**

Please tick appropriate box:	If answer is yes please give details	YES	NO
Does the application relate to work within or close to a European Site or a Natural Heritage Area?		X	
Does the development require the preparation of a Natura Impact Statement?		X	
Does the proposed development require the preparation of an Environmental Impact Assessment Report?		X	

Do you consider that the proposed development is likely to have significant effects on the environment in a transboundary state?		X*
Does the application relate to a development which comprises or is for the purpose of an activity requiring an integrated pollution prevention and control license		X
Does the application relate to a development which comprises or is for the purpose of an activity requiring a waste license?		X
Do the Comah Regulations 2015 (Control of Major Accident Hazards) apply to the proposed development?		X

\* The EIAR has not identified any significant transboundary effects. Nonetheless, transboundary authorities have been notified as requested by An Bord Pleanála.

## 11. Notices:

Details of public newspaper notice – paper(s) and date of publication
<p>Copy of page(s) of relevant newspaper enclosed Yes: [ <input checked="" type="checkbox"/> ] No: [ <input type="checkbox"/> ]</p> <p>The public newspaper notice has been published in the following newspapers on the following dates:</p> <ul style="list-style-type: none"> <li>• Irish Times, Wednesday 4<sup>th</sup> September 2024</li> <li>• Wicklow People, Wednesday 4<sup>th</sup> September 2024</li> <li>• Dublin Gazette, Thursday 5<sup>th</sup> September</li> </ul>
Details of other forms of public notification, if appropriate e.g. website
<p>Site notices have been erected at locations shown on <b>planning drawing no. 0006 Site Location Map – Onshore Development Area</b> on Tuesday 3rd September 2024.</p> <p>A dedicated project website has been set up:  <a href="http://www.codlingwindparkplanningapplication.ie">www.codlingwindparkplanningapplication.ie</a></p>

## 12. Pre-application Consultation:

<p><b>Date(s) of statutory pre-application consultations with An Bord Pleanála</b></p> <p>Pre-application consultations with An Bord Pleanála took place on these dates:</p> <ul style="list-style-type: none"> <li>• 6<sup>th</sup> June 2023 (s287)</li> <li>• 22<sup>nd</sup> August 2023 (s287)</li> <li>• 16<sup>th</sup> November 2023 (s287)</li> <li>• 19<sup>th</sup> December 2023 (s287 and a separate s287A&amp;B meeting)</li> <li>• 23<sup>rd</sup> January 2024 (s287)</li> </ul>
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**Schedule of any other pre application consultations –name of person / body and date of consultation to be provided as appropriate and also details of any general public consultations i.e. methods, dates, venues etc. This can be submitted as a separate schedule with the application form.**

Enclosed: Please see Schedule 6 of the Planning Documents.

Yes: [  ] No:[  ]

Schedule of prescribed bodies to whom notification of the making of the application has been sent and a sample copy of such notification.

Enclosed: Please see Schedule 7 of the Planning Documents.

Yes: [  ] No:[  ]

**13. Confirmation Notice:**

**Copy of Confirmation Notice**

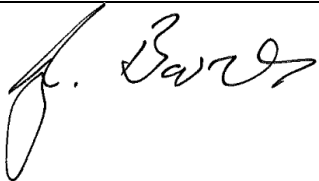
Attach a copy of the confirmation notice in relation to the EIA Portal where an EIAR accompanies the application.

Enclosed: Please see Schedule 8 of the Planning Documents.

**14. Application Fee:**

Fee Payable	€100,000 (please see EFT receipt attached to the cover letter)
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**I hereby declare that, to the best of my knowledge and belief, the information given in this form is correct and accurate and that the application documents being deposited at the planning authority offices, and any other location specified by the Board in pre application consultations, including a website (if any) will be identical to the application documents being deposited with the Board.**

Signed: (Applicant or Agent as appropriate)	
Date:	Thursday 5 <sup>th</sup> September 2024

**General Guidance Note:**

The range and format of material required to be compiled / submitted with any application in respect of a proposed maritime area development shall generally accord with the requirements for a planning application as set out in the Regulations and those Regulations should therefore be consulted prior to submission of any application.