



APPENDIX 2-1

SCOPING RESPONSES

From: [Matthew Craig](#)
Sent: Friday 10 May 2024 11:01
To: Brodie Ní Thuathail
Cc: [windfarms](#); [Johnny Evans](#); [Brandon Taylor](#)
Subject: RE: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo
Attachments: Crumhach Site Boundary - 2024-05-09 - 230841 with RTE off air paths.kml

You don't often get email from matthew.craig@2rn.ie. [Learn why this is important](#)

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Hi Brodie,

We have two off air links passing through the area that you have outlined:

Site	Lat	Long	DTT		FM	
			Ant height AMSL (m)	Lowest Frequency (MHz)	Ant height AMSL (m)	Lowest Frequency (MHz)
Truskmore	54.373518°	-8.370426°	811	642	719	88,2
Castlebar	53.925580°	-9.373401°	424,5		440	

The DTT link is for the services broadcast from our site at Castlebar which serves up to 316169 households for DTT and 253309 households for FM Services. I have attached the KML file that you sent me with the 1st Fresnel zones for the two links, the yellow one is for the DTT link, the red is for FM. Ideally no part of the turbine would enter the areas shown. As there is also a risk of interference to broadcast services in the area we would ask that a protocol be signed between 2rn and the developer should the site go ahead.

When we were previously asked about this site, it was referred to as Easky-Kingsmountain.

Regards

Matthew Craig
Project Engineer
Projects and Coverage Planning
2RN
Block B, Cookstown Court, Old Belgard Road, Tallaght, Dublin 24, Ireland
D24 WK28
Phone: + 353 (0) 1 2082261
Mobile: + 353 (0) 87 7509955

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Friday, May 10, 2024 9:02:44 AM (UTC+00:00) Dublin, Edinburgh, Lisbon, London
To: Johnny Evans <Johnny.Evans@rte.ie>; windfarms <windfarms@rte.ie>
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

Some people who received this message don't often get email from bnithuathail@mkoireland.ie. [Learn why this is important](#)

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Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all RTÉ links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist
MKO
Tuam Road, Galway, H91 VW84
Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



Brandon Taylor

From: Roger Woods <rwoods@cnam.ie>
Sent: Friday 6 September 2024 11:18
To: Brandon Taylor
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

You don't often get email from rwoods@cnam.ie. [Learn why this is important](#)

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Hi Brandon

Coimisiún na Meán does not perform an in-depth analysis of the effect of wind turbines or electrical sub stations on FM networks. However, we are not aware of any issues from existing windfarms or electrical sub stations into existing FM networks. Also, the proposed sub station is not located close to any existing or planned FM transmission sites.

Regards

Roger
Innealtóir Feidhmiúcháin Sinsearach | Senior Executive Engineer

T: +353 (0)1 644 1200 | rwoods@cnam.ie



1 Áras Shíol Bhroinn, Bóthar Shíol Bhroinn, Baile Átha Cliath, D04 NP20, Éire.

1 Shelbourne Buildings, Shelbourne Road, Dublin, D04 NP20, Ireland.

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

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Déan machnamh ar an timpeallacht, le do thoil, roimh an ríomhphost seo a phriontáil.

Please consider the environment before printing this email.

From: Brandon Taylor <btaylor@mkoireland.ie>
Sent: Friday 6 September 2024 10:52
To: Roger Woods <rwoods@cnam.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

Dear Sir/Madam,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable

energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

The Proposed Development will likely encompass the repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1 Megawatts (MW) and 23 no. existing wind turbines, the provision of 25 no. new turbines comprising the new Crumhach Wind Farm incorporating the existing SSE Dunneill and Kingsmountain Wind Farms and additional greenfield lands, battery energy storage system, use of existing cable connections from Dunneill and Kingsmountain Wind Farms to the existing Cughill 110kV substation, a new cable connection to the existing Srananagh 220kV substation and all associated site development works. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50MW for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, (as amended). In this regard, it is intended to submit the planning permission application to An Bord Pleanála.

Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKOK

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: [Roger Woods](#)
Sent: Friday 10 May 2024 10:20
To: Brodie Ní Thuathail
Cc: [Brandon Taylor](#)
Subject: RE: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

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Hi Brodie

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Regards

Roger

Senior Executive Engineer

My email address has now changed to rwoods@cnam.ie, please update your address book accordingly.

Tá mo sheoladh ríomhphoist athraithe anois go rwoods@cnam.ie, dá réir sin déan do leabhar seoltaí a uasdátú, le do thoil.

Coimisiún na Meán | 1 Áras Shíol Bhroinn, Bóthar Shíol Bhrionn, Baile Átha Cliath, D04 NP20, Éire
Coimisiún na Meán | Shelbourne Buildings, Shelbourne Road, Dublin, D04 NP20, Ireland
T: + 353 (0)1 644 1200 | rwoods@cnam.ie

Coimisiún
na Meán



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

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From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Friday, May 10, 2024 9:03 AM
To: Roger Woods <rwoods@cnam.ie>
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

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Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

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If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

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From: [Brandon Taylor](#)
Sent: Monday 7 October 2024 15:10
To: [Edel Mulholland](#)
Subject: FW: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

From: Dawn Quinn <admin@batconservationireland.org>
Sent: Monday 7 October 2024 15:01
To: Brandon Taylor <btaylor@mkoireland.ie>
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Brendon,

Thank you for your e-mail.

Unfortunately, as Bat Conservation Ireland is a very small organisation, with limited resources, we do not have the capacity to get involved in planning issues.

Please note that Bat Conservation Ireland is concerned that a request for our input/consultation/opinion/assistance on planning applications and reports, or objections/comments on same, can sometimes imply that we have been consulted for our opinion on planning matters when Bat Conservation Ireland does not, in fact, provide opinions or comments on developments. Therefore, please note that this response should not be construed as a consultation with Bat Conservation Ireland regarding any planning or development matter or proposal. In order to avoid misunderstandings, please do not use this terminology in your reports to describe this transaction.

Thank you for your understanding.

Yours sincerely

Dawn Quinn
Administrative Manager
Bat Conservation Ireland

Postal/Registered Address: Carmichael House, 4-7, North Brunswick Street, Dublin 7, D07 RHA8.

E-mail: admin@batconservationireland.org

Website: www.batconservationireland.org

Social Media: [Bat Conservation Ireland - Home |](#)

[Facebook](#) | <https://twitter.com/BatConservIre>



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Bat Conservation Ireland. Company Limited by Guarantee (CRO) No. 494343. Charity Number (CRA): 20039417. Website: www.batconservationireland.org | Registered Address: Carmichael House, 4-7, North Brunswick Street, Dublin 7, D07 RHA8.

From: Brandon Taylor <btaylor@mkoireland.ie>
Sent: Thursday 3 October 2024 10:37
To: Tina Aughney <tinaa@batconservationireland.org>; Dawn Quinn <admin@batconservationireland.org>
Cc: Edel Mulholland <emulholland@mkoireland.ie>
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

Good morning,

I am following up on the scoping request below regarding a proposed renewable energy development located at Crumhach, Co. Sligo. If you have any comments, feedback or suggestions on the details of the Proposed Development and EIAR, please let me know.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: Brandon Taylor
Sent: Thursday 5 September 2024 17:01
To: tinaa@batconservationireland.org
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

Dear Dr. Aughney,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable energy development located at Crumhach and

surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

The Proposed Development will likely encompass the repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1 Megawatts (MW) and 23 no. existing wind turbines, the provision of 25 no. new turbines comprising the new Crumhach Wind Farm incorporating the existing SSE Dunneill and Kingsmountain Wind Farms and additional greenfield lands, battery energy storage system, use of existing cable connections from Dunneill and Kingsmountain Wind Farms to the existing Cunghill 110kV substation, a new cable connection to the existing Srananagh 220kV substation and all associated site development works. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50MW for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, (as amended). In this regard, it is intended to submit the planning permission application to An Bord Pleanála.

Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

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From: [David Pelissier](#)
Sent: Thursday 9 May 2024 15:04
To: Brodie Ní Thuathail
Cc: [Ellen Costello](#); [Brandon Taylor](#); [Margaret O'Sullivan](#)
Subject: RE: Potential Wind Farm Site at Crumhach, Co. Sligo
Attachments: Contacts.xlsx

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[CONFIDENTIAL - EXTERNAL]

Hi Brodie,

Thank you for your email, the attached list of organisations and contacts may be relevant to your query.

Please note that electronic services network/service ("ECN/S") providers may also use licence-exempt spectrum for which ComReg does not hold any information. All ECN/S providers are required to submit a notification of General Authorisation to ComReg, and the full list of all providers (including area of operation) can be found at <https://serviceregister.comreg.ie/Services/Search>.

ComReg's Siteviewer tool (<https://www.comreg.ie/industry/radio-spectrum/site-viewer/siteviewer/>) may also be helpful in identifying mobile operators within the relevant area.

Kind regards,

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Thursday, May 9, 2024 2:54 PM
To: Licensing <licensing@comreg.ie>
Cc: Ellen Costello <ecostello@mkoireland.ie>; Brandon Taylor <btaylor@mkoireland.ie>
Subject: Potential Wind Farm Site at Crumhach, Co. Sligo

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Good afternoon,

We are undertaking constraints mapping for the viability of a wind farm development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

Centre coordinates for the Crumhach site is:
ITM: 545407 , 828006
Irish Grid: 145452 , 327990
Lat/Long: 54.19806985311921 , -8.836653703685899
Approximate Radius: 6km

Could you please provide a list of telecommunications operators currently operating in these areas?

Thank you.

Kind regards,
Brodie.

Brodie Ní Thuathail

Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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Tá an ríomhphost seo, chomh maith le haon iatáin a bhaineann leis faoi rún agus d'fhéadfadh leis a bheith faoi phribhléid nó cosanta ó aon nochtadh. Is don seolaí(aithe) ainmnithe thuas amháin é. Níl sé ceadaithe go mbeidh rochtain ag éinne eile ar an ríomhphost seo. Más rud é nach tusa an faighteoir ainmnithe, ná cló amach, léigh, cóipeáil, nocht d'éinne nó bain úsáid as an eolas sa ríomhphost seo in aon tslí eile, le do thoil. Más rud é go bhfuair tú an ríomhphost seo trí

earráid, dean teagmháil leis an seoltóir láithreach agus scrios an t-ábhar ina iomlán, bíodh sé i gcóip leictreonach nó chrua.

From: [Brandon Taylor](#)
Sent: Friday 11 October 2024 15:40
To: [Edel Mulholland](#)
Subject: FW: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: Environmental Co-ordination (Inbox) <Environmental_Co-ordination@agriculture.gov.ie>
Sent: Friday 11 October 2024 15:36
To: Brandon Taylor <btaylor@mkoireland.ie>
Subject: FW: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Good afternoon,

The Department welcomes the opportunity to provide input to this application. It seems this activity does not fall within the remit of the EIA (Agriculture) Regulations under DAFM and therefore, once relevant environmental and planning regulations are met, DAFM has no comment at this stage of the consultation process.

Regards,

Environmental Co-ordination Unit

From: Brandon Taylor <btaylor@mkoireland.ie>

Sent: Thursday, September 5, 2024 5:05 PM

To: Environmental Co-ordination (Inbox) <Environmental_Co-ordination@agriculture.gov.ie>

Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Sir/Madam,

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Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

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Department of Agriculture, Food and the Marine

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An Roinn Talmhaíochta, Bia agus Mara

Tá an t-eolas sa ríomhphost seo, agus in aon cheangaltáin leis, faoi rún agus tá sé dírithe ar an bhfaighteoir/na faighteoirí beartaithe amháin agus níor cheart ach dóibh siúd é a úsáid. D'fhéadfadh an t-eolas seo a bheith faoi réir pribhléid dhlíthiúil agus ghairmiúil. Mura tusa faighteoir beartaithe an ríomhphost seo, níor cheart duit an teachtaireacht seo, nó aon chuid di, a úsáid, a nochtadh, a chóipeáil, a dháileadh nó a choinneáil. Má fuair tú an ríomhphost seo go hearráideach, cuir an seoltóir ar an eolas láithreach agus scríos gach cóip den ríomhphost seo ó chóra(i)s do ríomhaire, le do thoil.

From: [Brandon Taylor](#)
Sent: Wednesday 9 October 2024 17:08
To: [Edel Mulholland](#)
Subject: FW: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo
Attachments: 2024-10-09 GSI Submission.pdf

From: DECC Planning Notifications <PlanningNotifications@decc.gov.ie>
Sent: Wednesday 9 October 2024 14:58
To: Brandon Taylor <btaylor@mkoireland.ie>
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Brandon,

Please see attached a submission on behalf of Geological Survey Ireland (a division of the Department of the Environment, Climate and Communications) with regard to the subject entity.

Please send an acknowledgement of receipt to PlanningNotifications@decc.gov.ie at your earliest convenience.

Many thanks,
Luke Thompson

Luke Thompson, Administrative Officer
Planning Advisory Division

An Roinn Comhshaoil, Aeráide agus Cumarsáide
Department of the Environment, Climate and Communications

Teach Tom Johnson, Bóthar Haddington, Baile Átha Cliath, D04 K7X4
Tom Johnson House, Haddington Road, Dublin, D04 K7X4

M +353 (0)87 336 7599
luke.thompson@decc.gov.ie

From: Brandon Taylor <btaylor@mkoireland.ie>
Sent: Thursday, September 5, 2024 5:13 PM
To: DECC GSI Planning <GSIPlanning@GSI.ie>
Cc: Patricia Smullen (DECC) <Trish.Smullen@gsi.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Sir/Madam,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

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Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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Brandon Taylor
MKO
Tuam Road
Galway, H91 VW84

03 October 2024

Re: Proposed Crumhach Renewable Energy Development, Co Sligo
Your Ref: 230841
Our Ref: 24/315

Dear Brandon,

Geological Survey Ireland is the national earth science agency and is a division of the Department of the Environment, Climate and Communications. We provide independent geological information and interpretation and gather various data for that purpose. Please see our [website](https://www.gsi.ie) for data availability.

With reference to your email received on the 06 September 2024, concerning the proposed Crumhach Renewable Energy Development, Co Sligo, we recommend using our various data sets when conducting the EIAR, SEA, planning and scoping processes for developments, plans and policies. For more detailed information on how to access this data please access 'Data and Maps' [Data & Maps \(gsi.ie\)](https://www.gsi.ie) on our 'Geoscience for planning' webpage. Use of our data or maps should be attributed correctly (please refer to each individual dataset's metadata for correct attribution).

For specific data available for Environmental Assessment and Planning topics please follow this link [\[Data by Environmental Assessment and Planning Topic \(gsi.ie\)\]](https://www.gsi.ie), where you will find our data arranged by environmental assessment topic as illustrated below:

Land and soils	Water	Climate Change
<i>Soil</i> • Subsoils (Quaternary Geology) • Tellus Geochemistry • Geotechnical <i>Geology</i> • Bedrock • Geophysics • Bedrock & Quaternary 3D	<i>Groundwater</i> • Aquifers GW vulnerability, GWPPs (GWPPs) <i>Surface water</i> • Tellus Geochemistry <i>Estuarine & marine waters</i> • Marine and coastal <i>Flooding</i> • GWClimate • Karst	<i>Carbon accounting / Carbon balance</i> • Geothermal • Carbon capture and storage <i>Climate change trends</i> • National coastal change assessment
Cultural Heritage	Material Assets	The Landscape
<i>Archaeology</i> • Cherish <i>Underwater Archaeology</i> • Shipwrecks	<i>Built Services</i> • Natural resources (Minerals & Aggregates) • Active quarries	<i>Landscape Appearance & Character</i> • Physiographic units <i>Historical landscapes</i> • Historic mines
Other Relevant Data		
<i>Natural (Geo) hazards</i> • Landslide Susceptibility Mapping • Groundwater flooding • Coastal vulnerability • Subsidence • Radon	<i>Natural heritage</i> • Geoheritage (County Geological Sites) • Dimension Stone/Stone Built Ireland	



Geoheritage

Geological Survey Ireland is in partnership with the National Parks and Wildlife Service (NPWS, Department of Housing, Local Government and Heritage), to identify and select important geological and geomorphological sites throughout the country for designation as geological NHAs (Natural Heritage Areas). This is addressed by the Geoheritage Programme of Geological Survey Ireland, under 16 different geological themes, in which the minimum number of scientifically significant sites that best represent the theme are rigorously selected by a panel of theme experts.

County Geological Sites (CGSs), as adopted under the National Heritage Plan, include additional sites that may also be of national importance, but which were not selected as the very best examples for NHA designation. All geological heritage sites identified by Geological Survey Ireland are categorised as CGS pending any further NHA designation by NPWS. CGSs are now routinely included in County Development Plans and in the GIS of planning departments, to ensure the recognition and appropriate protection of geological heritage within the planning system. CGSs can be viewed online under the Geological Heritage tab on the online [Map Viewer](#).

The audit for Co. Sligo was completed in 2004. The full report details can be found [here](#). **Our records show that there is a CGS adjacent to the proposed renewable energy development site boundary.**

Easky River solifluction lobe, Co. Sligo. (GR 144034, 324767), under IGH theme: IGH 7 Quaternary. The area north of Easky Lough displays fine examples of solifluction lobes. These 'lobes' of sediment formed during the later stages of the last glaciation as seasonally thawed material moved slowly down slope under the influence of gravity during repeated freezing and thawing episodes. The turf cutting does not seriously impinge on the overall feature, but bulldozing or other earthworks will degrade it further. Link to Site Report: [SO005](#).

With the current plan, although it is on the margins of the site boundary, there may be potential impacts on the integrity of the current CGS, should this site not be assessed as a constraint. Ideally, the site should not be damaged or integrity impacted or reduced in any manner due to any proposed construction and/or modification of access roads, from traffic due to access road construction, turbine and hard stand installation. This would include impacts that may be related to altered drainage patterns, changes in soil profiles and structures etc. However, this is not always possible, and in this situation appropriate mitigation measures should be put in place to minimize or mitigate potential impacts. Please contact Geological Survey Ireland Planning Programme (GSIPlanning@gsi.ie) for further information and possible mitigation measures if applicable.

Geohazards

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

Landslides are common in areas of peat, rock near surface and in fine to coarse range materials (such as glacial tills), areas which are found within the proposed preferred route option. The Landslide Susceptibility map indicates variable landslide susceptibility within the renewable energy development site boundary, including areas of 'Moderately High' to 'High' susceptibility.

Other Comments

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

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



Yours sincerely,

Dr. Clare Glanville
Senior Geologist
Geoheritage and Planning Programme
Geological Survey Ireland

Trish Smullen
Geologist
Geoheritage and Planning Programme
Geological Survey Ireland

The publicly available data referenced/presented here, should in no way be construed as Geological Survey Ireland support for or objection to the proposed development or plan. The data are made freely available to all and can be used as independent scientific data in assessments, plans or policies. It should be noted that in many cases these data are a baseline or starting point for further site-specific assessments.

Brandon Taylor

From: Defence Property Management Planning
<PropertyManagementPlanning@defence.ie>
Sent: Friday 6 September 2024 14:39
To: Brandon Taylor; Defence Property Management Planning
Cc: Philomena Evans (Defence); Gillian Holden (Defence)
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Mr. Taylor,

The Department of Defence wishes to acknowledge receipt of your below e-mail and the attached documentation.

We will consult with our Military colleagues and we will revert in due course.

Please contact me if you have any queries.

Best regards
Don

Don Watchorn

Property Management Branch

An Roinn Cosanta

Department of Defence

Bóthar an Stáisiúin, An Droichead Nua, Contae Chill Dara, W12 AD93.

Station Road, Newbridge, Co.Kildare, W12 AD93.

T +353 (0)45 452199

From: Brandon Taylor <btaylor@mkoireland.ie>
Sent: Thursday 5 September 2024 17:07
To: Defence Property Management Planning <PropertyManagementPlanning@defence.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Mr. Watchorn,

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energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

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Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

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From: [Brandon Taylor](#)
Sent: Monday 7 October 2024 14:33
To: [Edel Mulholland](#)
Subject: FW: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

From: Defence Property Management Planning <PropertyManagementPlanning@defence.ie>
Sent: Monday 7 October 2024 14:30
To: Brandon Taylor <btaylor@mkoireland.ie>
Cc: Defence Estatemanagement1Brigade <Estatemanagement1Brigade@defence.ie>; Defence Estate Management 2Brigade <Estatemanagement2Brigade@defence.ie>; Sarah Kelly (Defence) <Sarah.Kelly@defence.ie>
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Without Prejudice

Dear Mr. Taylor,

I refer to your email below, dated 05 September 2024, in relation to the EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo.

I wish to advise at the outset that any determination in relation to a planning consent is solely a matter for the planning authorities and/or ABP, as appropriate. Therefore, the following observation is made on a non-prejudicial basis, and is not intended to be used to rely on for a prospective planning application, nor is this observation to be relied on in the event of any commercial transaction pertaining to such lands and it is not to be relied on in the event of any contract exchange pertaining to same.

As a matter of practice, the Department of Defence does not provide observations or advice in the scoping process, except where the relevant parties have been directed by a planning authority to seek the Department's views.

Based on the information supplied and following consultations with the subject matter in the Irish Air Corps, the Department of Defence wishes to make the following observations:

- All turbines should be illuminated by Type C, Medium intensity, Fixed Red obstacle lighting with a minimum output of 2,000 candela to be visible in all directions of azimuth and to be operational H24/7 days a week. Obstacle lighting should be incandescent or, if LED or other types are used, of a type visible to Night Vision equipment. Obstacle lighting used must emit light at the near Infra-Red (IR) range of the electromagnetic spectrum, specifically at or near 850 nanometres (nm) of wavelength. Light intensity to be of similar value to that emitted in the visible spectrum of light.

Any Irish Air Corps (IAC) requirements for are separate to Irish Aviation Authority (IAA) require

We would appreciate if you could keep us informed on any progress relating to this proposed development.

Nothing in the above observation shall be taken as a binding response by the Minister for Defence in the event that a planning application is made. The Minister reserves the right to comment on an actual planning application as and when it is submitted in accordance with the provisions of the planning regulatory code.

Kind Regards,
Gillian

From: Brandon Taylor <btaylor@mkoireland.ie>
Sent: Thursday 5 September 2024 17:07
To: Defence Property Management Planning <PropertyManagementPlanning@defence.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO

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Brandon Taylor

From: Brandon Taylor
Sent: Thursday 3 October 2024 11:00
To: Housing Manager DAU
Cc: Edel Mulholland
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo (Ref: G Pre00300/2024)

Good morning Colette,

I am following up on the scoping request below regarding a proposed renewable energy development located at Crumhach, Co. Sligo. If you have any comments, feedback or suggestions on the details of the Proposed Development and EIAR, please let me know.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: Housing Manager DAU <Manager.DAU@npws.gov.ie>
Sent: Monday 9 September 2024 12:06
To: Brandon Taylor <btaylor@mkoireland.ie>
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Our Ref: G Pre00300/2024 (Please quote in all related correspondence)

Good afternoon Brandon,

I acknowledge receipt of your pre planning request.

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

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

Kind regards,
Colette

Colette McCormack
Executive Officer

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreachta
Department of Housing, Local Government and Heritage

Aonad na nIarratas ar Fhorbairt
Development Applications Unit

Oifigi an Rialtais, Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
Government Offices, Newtown Road, Wexford, Co Wexford, Y35 AP90
Telephone: 053 9117434

From: Brandon Taylor <btaylor@mkoireland.ie>
Sent: Thursday 5 September 2024 17:08
To: Housing Manager DAU <Manager.DAU@npws.gov.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Mr. Hillis,

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If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO

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From: [Transport GCU](#)
Sent: Wednesday 18 September 2024 13:00
To: [Brandon Taylor](#)
Cc: [Transport GCU](#)
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo
Attachments: 20240918 DoT submission.docx

You don't often get email from generalco-ordinationunit@transport.gov.ie. [Learn why this is important](#)

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Good afternoon Brandon,

Please find attached for your consideration submission on behalf of Department of Transport in relation to EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo.

Kind regards
Jacqui

Jacqui Traynor
Central Policy, Coordination and Reform
An Roinn Iompair
Department of Transport
Lána Líosain, Baile Átha Cliath, D02 TR60
Leeson Lane, Dublin, D02 TR60
T +353 (0)1 604 1177
gcu@transport.gov.ie www.gov.ie/transport

From: Brandon Taylor <btaylor@mkofireland.ie>
Sent: Thursday, September 5, 2024 5:09 PM
To: Transport GCU <GeneralCo-OrdinationUnit@transport.gov.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Sir/Madam,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

The Proposed Development will likely encompass the repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1 Megawatts (MW) and 23 no. existing wind turbines, the provision of 25 no. new turbines comprising the new Crumhach Wind Farm incorporating the existing SSE Dunneill and Kingsmountain Wind Farms and additional greenfield lands, battery

energy storage system, use of existing cable connections from Dunneill and Kingsmountain Wind Farms to the existing Cunnghill 110kV substation, a new cable connection to the existing Srananagh 220kV substation and all associated site development works. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50MW for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, (as amended). In this regard, it is intended to submit the planning permission application to An Bord Pleanála.

Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
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MKO
Tuam Road
Galway
H91 VW84

18th September 2024

Re: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

The Department of Transport has the following comments in relation to the consultation request relating to the Scoping Report for the Proposed Crumhach Renewable Energy Development, Co. Sligo.

It should be noted that the Department considers the construction involved in providing this development and especially, the connection cables to the national grid, may have effects on both the environment and the Regional and Local Road network.

Where the developer proposes the placement of any cables (or additional cables) in one or more trenches within the extents of the (regional and local) public road network, it is necessary to consider the following:

- Their presence within the public road will likely significantly restrict the Road Authority in carrying out its function to construct and maintain the public road and will likely add to the costs of those works post construction.
- Their installation within the lands associated with the public road may affect the stability of the road. In particular where the road is a “legacy road” (where there is no designed road structure and the subgrade may be poor or poorly drained) or bog rampart the design needs to take account of all the variable ground conditions and not be based on a sample of the general soil conditions. This should include a constructability assessment to a 950mm minimum cover depth to the HV Cable on legacy roads, roads over peat/bog ramparts.



- The possible effect on the remaining available road space (noting that there may be need to accommodate other utilities within the road cross-section in the future or additional drainage for climate adaptation).
- The necessity to have the power in the cables switched off where the Road Authority considers this necessary in order to carry out its function to construct and maintain the public road and a complete operation and maintenance manual should be agreed with the Local Authority.

The Department consider it important that the examination of the proposal should include consideration of the following:

- Examination of all available technologies including both Overhead Line (OHL) and Underground Cable (UGC) options or combinations of both) and route options other than the routing of cables along the public road the ensure the best performing route and technology option is selected,
- Examination of options for connection to the national grid network at a point closer to the wind farm in order to reduce the adverse impact on public roads,
- Details of where within the road cross section cables are to be placed so as to minimise the effect on the Roads Authority in its role of construction and maintenance,
- Examination of details of any chambers proposed within the public road cross section so as to minimise the effect on the Roads Authority in its role of construction and maintenance,
- Elimination of permanent jointing bays from beneath the road pavement to protect the integrity of the road structure for the safety of those driving on the public road by eliminating hard spots and also preserve the road width for other utilities, temporary joint bays to be used in any public road installation,
- Prevention of the attachment of cables to all bridge structures and culverts by diverting them beneath or away from these structures and,
- Rationalisation of the number of cables involved (including existing electric or possible future cables) and their diversion into one trench, in order to minimise the impacts on the road network and the environment along the road boundary (hedgerows).



The Department of Transport considers the following should be considered when applying conditions to any approval:

1. A condition requiring the specific approval of the local authority to the detail of the final route of cables through the public road space. If during construction, there is a need to deviate from the detailed design then the approval of the local authority would again be sought. This would assist in minimising the impact on the public road.
2. A condition requiring the developer to comply with all appropriate standards and, inter alia the Guidelines for Managing Openings in Public Roads, 2017 in order to ensure orderly development.
3. A condition requiring that the location of the cables would be recorded as exactly as possible (maybe using BIM type technology) so as to facilitate the further use of road space for utilities and the maintenance/construction of the public road by the Roads authority. This record should include as constructed surveys of all infrastructure altered, added, removed or relocated and exact detail of the road construction including any drains or other features encountered. The record should be lodged with the local authority and with the ESB Networks for retention on their records.
4. A condition to require the elimination of permanent jointing bays from under the road pavement to protect the integrity of the road structure, thereby improving safety for those driving on the public road by eliminating hard spots and preserving the road width for other utilities.
5. A condition requiring the developer to route cables away from bridge structures and specifically preventing the developer from attaching cables to road bridges. This would allow for the future maintenance of bridges without interruption of the electricity supply along the cables.
6. A condition requiring the replacement of culverts that have been excavated during the cable duct placement operation. The replacement culverts should be designed appropriately and include an allowance for the effects of climate change.
7. A condition requiring the developer to notify the Roads Authority of the owner of the cables (Owner) and the controller (Power Controller) of the power transmitted along the cables. In addition, the condition should require Owner and Power Controller to notify the Roads Authority of any change in ownership of the cables or change of Power Controller



transmitting power along the cables. In all instances the Owner and Power Controller should be required to maintain an agreed contacts list with the Roads Authority.

Central Policy, Coordination and Reform

An Roinn Iompair

Department of Transport

Lána Líosain, Baile Átha Cliath, D02 TR60

Leeson Lane, Dublin, D02 TR60

T +353 (0)1 604 1177

gcu@transport.gov.ie www.gov.ie/transport

From: [John Bagnall](#)
Sent: Tuesday 14 May 2024 07:26
To: Brodie Ní Thuathail
Cc: [Brandon Taylor](#); [Mobile Networks TXN](#)
Subject: Re: Proposed Windfarm Repowering Development Crumhach Co Sligo

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Hi Brodie,

We have 2 transmission links within the proposed area that would be at risk, the end points of the transmission links are below, if you could keep a buffer of 100meters radius away from this transmission path when placing your turbines and send them on for further analysis. Please keep sending new development analysis requests to MobileNetworksTXN@eir.ie for Eir Mobile and the Eir fixed network.

#

Band	A-end				B-end			
Link1	11Ghz	SO_4056	54°12'19.43"N	8°49'16.42"W	<--->	SO_3253	54°17'12.36"N	8°57'50.52"W
Link2	11Ghz	SO_4056	54°12'19.43"N	8°49'16.42"W	<--->	SO_3042	54°11'59.12"N	8°57'29.65"W



Kind regards,



John Bagnall
Wireless transmission engineer

E: john.bagnall@eir.ie

M: 0851053746

eir, 2 Heuston South Quarter, St John's Road West, Dublin 8, D08 Y42N



On Fri, 10 May 2024 at 09:26, Brodie Ní Thuathail <bnithuathail@mkoireland.ie> wrote:

Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all Eircom links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail

Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin

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From: [Peter O'Brien](#)
Sent: Friday 10 May 2024 09:25
To: Brodie Ní Thuathail
Cc: [Brandon Taylor](#)
Subject: RE: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

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Hi Brodie,

We have three links in this area:

Link Name	A-End Coordinates	A-End Dish Height	B-End Coordinates	B-End Dish Height	Frequency	Set Back
TC Ballina / Cignal Dunowla	54.109390 -9.165405	20m	54.205280 -8.821060	15m	11GHz	50m
Cignal Dunowla / SCP0192 - Dromore West Central National School	54.205280 -8.821060	15m	54.241244 -8.884608	8m	18GHz	50m
Cignal Dunowla / SCP0188 - Cartron Community Centre	54.205280 -8.821060	15m	54.243508 -8.817622	8m	23GHz	50m

Regards,
Peter

Peter O'Brien | Licensed Link planner

A: Enet House, National Technology Park, Castletroy, Co Limerick, V946P52

M: [+353867744313](tel:+353867744313) | **W:** www.enet.ie



Registered in Ireland, Registration No. 332982

Registered Offices: Enet House, National Technology Park, Castletroy, Co Limerick, V94 6P52

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standard

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Friday, May 10, 2024 9:05 AM
To: Peter O'Brien <peter.obrien@enet.ie>
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

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Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

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If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

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From: [planning applications](#)
Sent: Thursday 19 September 2024 16:08
To: [Brandon Taylor](#)
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo
Attachments: Fáilte Ireland EIAR Guidelines 2023.pdf

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Hello Brandon,

Thank you for your email and EIA Scoping Report regarding the proposed renewable energy development located at Crumhach and surrounding townlands, Co. Sligo.

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

Regards,

Yvonne

Yvonne Jackson

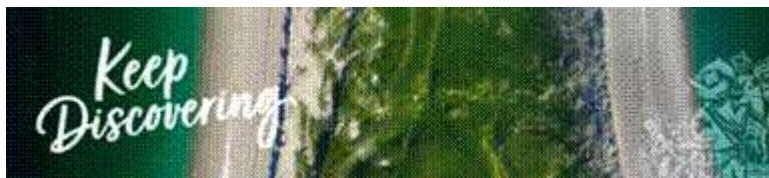
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88-95 Amiens Street, Dublin 1, D01 WR86

M +353 (0)86 0357590



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From: Brandon Taylor <btaylor@mkoireland.ie>
Sent: Thursday, September 5, 2024 5:11 PM
To: [planning applications](#) <planning.applications@failteireland.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

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EIAR Guidelines for the Consideration of Tourism and Tourism Related Projects



July 2023

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1. Introduction

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

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

This guidance document has been prepared by Fáilte Ireland to update their EIA guidelines in line with changes in legislative and guidance requirements.

2. Background to this Document

Tourism is one of the largest and most important sectors of the economy, providing employment for approximately **260,000 people**, an economic contribution of **€9.5 billion**, and exchequer revenue of **€1.8 billion** in 2019, which helps fund other key public services.

In 2019 Ireland welcomed **9.7 million overseas visitors**.

Fáilte Ireland is the National Tourism Development Authority established by the Irish Government in May 2003. Fáilte Irelands role is to support the tourism industry and work to sustain Ireland as a high-quality and competitive tourism destination. They provide a range of practical business supports to help tourism businesses better manage and market their products and services.

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

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

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

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

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

3. Legislation and Statutory Guidance

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

Legislation

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

Statutory Guidance

In response to the changes to the EIAR requirements under Directive EU 2014/52, the Environmental Protection Agency (EPA) developed Guidelines on the information to be contained in Environmental Impact Assessment Reports in May 2022. The Guidelines are a statutory document to be regarded by those preparing EIARs and the decision makers considering the EIARs.

Some of the key changes to the EIA Directive introduced by Directive 2014/52/EU are as follows:

- Additional information to be provided in the project description to describe the location of the project, the technologies and substances used, the construction of the project and required demolition;
- The requirement for consideration of alternatives has changed from a requirement to provide 'An outline of the main alternatives studied by the developer and an indication of the main reasons for this choice, taking into account the environmental effects' to 'a description of the reasonable alternatives studied by the developer, which are relevant to the project and its specific characteristics, and an indication of the main reasons for the option chosen, taking into account the effects of the project on the environment';
- A refinement of the environmental factors to be considered in the assessment with an increased focus on resource efficiency, climate change, biodiversity and disaster prevention;
- Changes to Prescribed Environmental Factors with 'Land' being added, 'Human Beings' replaced by 'Population & Human Health' and 'Flora & Fauna' replaced by 'Biodiversity';

- The developer is required to have competent experts to prepare the EIAR and the Board is required to have access to sufficient expertise to assess the EIAR;
- Requirement for the incorporation of mitigation and monitoring measures in consents and ensuring that developers deliver these measures;
- The requirements for the assessment of cumulative effects with existing and/or approved projects, taking into account existing environmental issues to be considered; and
- Reasoned decisions made with regard to the EIA outcomes must be provided.

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

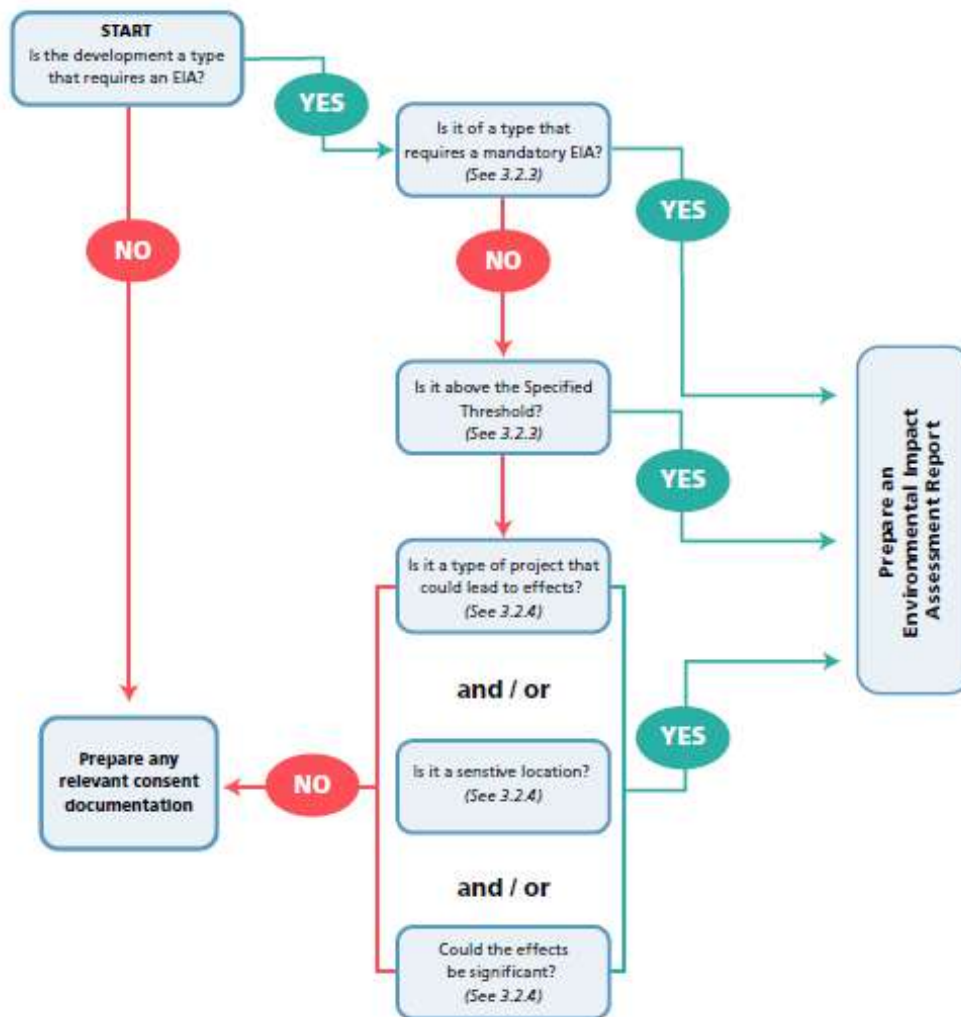
The process of EIA is set out in the EPA EIAR Guidelines, this document should be read in conjunction with and used as supplementary guidance to the EPA EIAR Guidelines. The process for ascertaining whether an EIAR is required is known as 'screening' and the process to determine the breadth and scope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

Screening

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

The prescribed development types and thresholds are set out in Annex I and II of the EIA Directive as transposed into Schedule 5 of the Planning and Development Regulations 2010-2018 (as amended). Development which does not exceed these thresholds but may require an EIAR are called sub threshold. Sub-Threshold considerations are outlined in Schedule 7 of European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I. No. 296 of 2018) as transposed from Annex III of the Directive. The Guidelines on Environmental Impact Assessment Reports note that projects at first glance may not appear to come under the Schedule but on closer examination when the process is further examined, they may do so because of the sensitivity or significance of the receiving environment etc. Sub threshold developments require an EIAR if they are likely to have significant environmental impacts and must undergo assessment for likely significant impacts through an EIAR screening report. The contents of a screening report for subthreshold development are contained in Annex III of the EIA Directive.

Figure 1: EIAR Screening Process



(Taken from Fig 3.2 of the EPA Guidelines)

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

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

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

EIAR Scoping

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

4. Assessing Tourism

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

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

Projects which involve a tourism element

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

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

Projects which may have an impact upon tourism

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

According to the Fáilte Ireland Tourism Facts 2019 Report, the most important factors in determining the attractiveness of tourism destinations for visitors to Ireland are;

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

- Pace of Life

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

5. Guiding Principles of EIAR

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

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

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

6. Consideration of Competency and Qualifications

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

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

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

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

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

7. EIAR Requirements

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

- project description;
- assessment of alternatives considered;
- baseline assessment;
- assessment of effects;
- cumulative impact;
- interaction of impacts;
- mitigation & monitoring; and
- residual impacts

Project Description

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

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

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

Assessment of Alternatives

The assessment of the various reasonable alternatives is an important requirement of the EIA process.

Where tourism projects are location dependent the assessment of reasonable alternatives should consider alternative methods, layouts, technologies and mitigations, detail the key considerations culminating in the selection of the option/design, the reasoning for these and the environmental effect of these decisions. This is particularly important for tourism projects which are often location tied. The EPA EIAR Guidelines indicate that it is generally sufficient to provide a broad description of each main alternatives and the key issues associated with each, showing how environmental considerations were taken into account in deciding on the selected option.

Baseline Assessment

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

For example, in a tourism context;

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

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

The significance of the tourism assets or activities likely to be affected should be highlighted. Reference to any existing formal or published designation or recognition of such significance should be included. Where possible the value of the contribution of such tourism assets and activities to the local economy should also be provided.

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

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

Impact Assessment

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

Impact assessment should be carried out as per EPA guidelines and the best practice for that prescribed topic. It may be considered appropriate to consider impact on tourism under the 'Population and Human Health' and / or 'Landscape' topics as suggested below.

Population and Human Health

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

The impact upon tourism can be considered within this section through the sensitivities of Hospitality, Safety and Pace of Life. Changes in population can impact the perception of pace of life or safety in a particular location. Impacts upon these issues in areas which rely heavily on tourism or have a particular sensitive tourism generator should be considered in this section. The EPA guidelines makes reference to amenity “..which may be relevant under ‘Population and Human Health’ and ‘Landscape’”.

Biodiversity

Particular tourist activities can have a significant impact upon biodiversity. Landscapes which are ‘unspoiled’ can be attractors of tourism. However, the disturbance to ecology must be managed to minimise impacts.

Biodiversity is also a tourism asset and should be protected as such from other development and should be provided for in proposals where possible.

The assessment should also consider current Government policy on nature conservation as outlined in the National Biodiversity Action Plan 2017-2021 (NBAP) (and subsequent iterations (Including draft NBAP recently open for public consultation, to cover 2023 to 2027) which also includes Ireland's vision for biodiversity below.

'That biodiversity and ecosystems in Ireland are conserved and restored, delivering benefits essential for all sectors of society and that Ireland contributes to efforts to halt the loss of biodiversity and the degradation of ecosystems in the EU and globally.'

Land, Soils and Geology

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

The impact upon Geotourism related to geoheritage within the natural environment, e.g., any impacts on UNESCO Global Geoparks, of which we currently have three on the island of Ireland; Copper Coast in Co. Waterford, Burren and Cliffs of Moher in Co. Clare, and Cuilcagh Lakelands in Cavan and Fermanagh should be considered (where applicable) in this section.

Indirect impacts such as material use for extensive landscaping and public realm should also be considered.

Water

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

Air Quality and Climate

Tourism impact upon air quality is dependent on the activity proposed and sensitivity of the location. If the tourism project includes a large increase in transportation services, collection of baseline air emission data is advised. Transportation emissions affect not only air quality, but also greenhouse gases. Changing climatic patterns due to climate change should be factored into this analysis.

Noise and Vibration

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

Material Assets; Traffic and Transport

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

avoid peak tourism periods in tourism areas and should consider planned or anticipated tourism events and festivals.

Cultural Heritage

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

Archaeology

Archaeology can be of tourism interest and can be an attractive or key component of tourism projects. Archaeology can be a tourism attractor and given that national policy emphasis on the non-renewable nature of the archaeology and archaeological heritage, focus should be a presumption in favour of its preservation in-situ or where preservation in-situ is not the option chosen, there must be preservation by record (i.e. archaeological excavation and recording must take place) in line with statutory requirements.

Material Assets; Waste Management

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

Material Assets

Material assets outside of the material assets already referenced that should be considered are built services (utilities) and infrastructure. Tourism development should include impact assessment on built services (utilities) and infrastructure while non tourism related development should consider the effect on tourism, which should be considered.

Landscape

The visual impact of a tourism development, especially in locations which are visually sensitive or renowned for their scenic or landscape beauty, should be considered carefully. A development intended to utilise or enjoy a particular vista or environment should minimise impact upon that environment.

Major Accident and Natural Disaster

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

Interaction of Impacts

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

Cumulative Impact

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

Transboundary Impact

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

Mitigation & Monitoring

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

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

Reduce the exposure of sensitive resources to excessive environmental impact.

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

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

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

With regard to Monitoring, Article 8a of the EIA Directive requires that:

1. 'The decision to grant development consent shall incorporate at least the following information ...

(b) any environmental conditions attached to the decision, a description of any features of the project and/or measures envisaged to avoid, prevent or reduce and, if possible, offset significant adverse effects on the environment as well as, where appropriate, monitoring measures. ... 4 Member States shall ensure that the features of the project and/or measures envisaged to avoid, prevent or reduce and, if possible, offset significant adverse effects on the environment are implemented by the developer, and shall determine the procedures regarding the monitoring of significant adverse effects on the environment. The type of parameters to be monitored and the duration of the monitoring shall be proportionate to the nature, location and size of the project and the significance of its effects on the environment. Existing monitoring arrangements resulting from Union legislation other than this Directive and from national legislation may be used if appropriate, with a view to avoiding duplication of monitoring.'

Residual Impacts

The residual impacts are the final predicted or intended impacts which occur after the proposed mitigation measures have been implemented.

8. Sources of information on Tourism

Information available online

Fáilte Ireland

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

Fáilte Ireland also manages an environmental surveying and monitoring database as part of the Wild Atlantic Way Operational Programme which can be accessed [here](#). The purpose of this is to work with and demonstrate to our stakeholders and partners that we are committed to the sustainable development of the Wild Atlantic Way, and to be able to pre-empt and avoid environmental effects in the future should they occur.

Discover Ireland:

Operated by Fáilte Ireland, the Discover Ireland website includes comprehensive information on tourist attractions in destinations all around Ireland, including listings for activities, accommodation, events and experiences for every county, major town and region in Ireland. The website features elements from the four destination brands – Wild Atlantic Way, Ireland's Ancient East, Ireland's Hidden Heartlands and Visit Dublin and can be accessed [here](#).

Tourism Ireland

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

Local Authorities

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

Regional Assemblies

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

Central Statistics Office

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



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Seirbhís Náisiúnta Sláinte Comhshaoil,

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Mr Brandon Taylor
Environmental Scientist
MKO
Tuam Road
Galway

3 October 2024

Applicant: SSE Renewables (Ireland)

Proposal: Proposed Renewable Energy Development at Crumhach and surrounding townlands, Co Sligo

Ref: 230841

Dear Mr Taylor

The HSE Environmental Health Consultation report regarding the above application is attached below. The following HSE departments were made aware of the consultation request for the proposed development on 6 September 2024.

- HSE Estates – Helen Maher/Stephen Murphy
- Emergency Planning – Kay Kennington
- Director of National Health Protection – Eamonn O'Moore/Ina Kelly
- CHO – Dermot Monaghan

All commitments to future actions including mitigation and further testing have been taken as read and all data results have been accepted as accurate. No additional investigations or measurements were undertaken. This report only refers to those sections of the documents which are relevant to the HSE.

If you have any queries regarding the report, please contact me.

Yours Sincerely

Principal Environmental Health Officer



3 October 2024

EHIS Reference No. 4190

HSE EIA SCOPING

Environmental Health Service Consultation Report

Report to: Brandon Taylor, Environmental Scientist, MKO, Tuam Road, Galway

Type of consultation: EIA Scoping

Applicant: SSE Renewables Ltd.

Proposal: Proposed renewable energy development at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co Sligo

Ref: 230841

Introduction

This report only comments on Environmental Health impacts of the proposed development. The National Environmental Health Service (NEHS) has made observations and submissions on the following specific environmental health areas.

Description of proposed development

The proposed development will comprise of the removal 23 no. existing wind turbines from 2 existing windfarms - Dunneill Wind Farm (13 no. turbines) and Kingsmountain Wind Farm (10 no. turbines). The applicant proposes to construct approximately 25 no. wind turbines including 3 no. turbines within the Dunneill site, 4 no. turbines at the Kingsmountain site and 18 no. new turbines in adjacent areas. The development would include an onsite permanent sub-station, battery storage compound, hardstands, access roads and entrances, borrow pits, temporary construction compound(s), electrical cabling for underground grid connection to Srananagh substation and associated site development works and apparatus. New sections of turbine access routes will also be required; the siting of which will have regard to the constraints identified onsite. All site cabling including connection to the onsite substation will be laid underground.

The indicative turbine parameters are outlined in the scoping document as follows:

- Tip Height: 180m • Hub Height: 99m-105m • Rotor Diameter: 149-155m.

The proposed development is located on the Northwest Slopes of the Ox Mountains approximately 4.5km from the village of Dromore West and 3km from Templeboy Village in Co. Sligo – each townland within the proposed development site is listed in scoping document. The current land use is described as agricultural, forestry with some industry and low density residential housing.

General Scoping Introduction

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

- Guidelines on the information to be contained in EIAR, 2022, www.epa.ie.
- Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment https://www.housing.gov.ie/sites/default/files/publications/files/guidelines_for_planning_authorities_and_an_bord_pleanala_on_carrying_out_eia_-_august_2018.pdf

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

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



Generally the Environmental Impact Assessment should examine all likely significant impacts and provide the following information for each:

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

Directive 2014/52/EU has an enhanced requirement to assess likely significant impacts on Population and Human Health. The impacts on human health must be fully assessed in the EIAR, it is recommended that the wider determinants of health and wellbeing are considered. Guidance on wider determinants of health can be found at www.publichealth.ie

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

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

The National Environmental Health Service (NEHS) recommends that the following matters are included and assessed in the EIAR:

- Public consultation
- Decommissioning phase of the proposed wind farm
- Siting and location of turbines
- Noise and Vibration
- Shadow Flicker
- Air Quality
- Surface and Groundwater Quality
- Geological Impacts
- Ancillary facilities
- Cumulative Impacts

The EIAR should identify the nearest sensitive receptors and consider the impact of the proposed development on them. Sensitive receptors include but are not limited to:

- Occupied houses
- Farms
- Schools
- Childcare facilities
- Medical facilities and nursing homes
- Sports and community facilities and
- Food premises.

Public Consultation

The NEHS welcomes the applicant's "Stakeholder Engagement Strategy" and the appointment of a Community Liaison Officer. Early and meaningful public consultation with the local community and all stakeholders is of utmost importance to ensure all potentially significant impacts have been adequately addressed. Members of the public should be given sufficient opportunities to express their views on the proposed development.

The applicant should also consider the development of a project specific website. All correspondence, maps, project updates and documentation including the EIAR should be uploaded to the website. The EIAR should state the period of planning permission sought, the length of time construction is estimated to take, and if it is anticipated that the renewable energy development will be decommissioned and removed or will continue to operate (following any further planning consent) at the end of this period of planning permission (should permission be granted).



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

Sensitive receptors and other stake-holders should be identified to ensure all necessary and appropriate mitigation measures are put in place to avoid any complaints about the proposed development in the future.

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

Decommissioning

The EIAR should outline proposals for the decommissioning of the existing wind turbines and associated equipment/material, the applicant should consider how materials forming the foundations of the existing turbines will be managed or disposed. The EIAR should describe how these materials and equipment will be reused, recycled or disposed.

The EIAR should also detail the eventual fate of the new wind turbines, substation, energy storage batteries and associated material. The EIAR should indicate the proposed future use of the development site at the end of the planning permission period.

Siting, Location and details of Turbines

The EIAR should include a map and a description of the proposed location of each of the proposed wind turbines. The proposed development is located in a scenic mountainous area, the applicant should give consideration to incorporating opportunities for health gain within the project site eg. Walking or biking trails.

The National Environmental Health Service expects that details (height and model) of the turbines to be installed will be available at the time planning permission is sought and will be included in the EIAR. Details of the foundations for the wind turbine including depth, quantity and material to be used should be included in the EIAR.

Assessment of Consideration of Alternatives

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

Noise and Vibration

The potential impacts for noise and vibration from the proposed development on all noise sensitive locations must be clearly identified in the EIAR. The EIAR must also consider the appropriateness and effectiveness of all proposed mitigation measures to minimise noise and vibration.

A baseline noise monitoring survey should be undertaken to establish the existing background noise levels. Noise from any existing turbines in the area should not be included as part of the background levels.

In addition, an assessment of the predicted noise impacts during the construction phase and the operational phase of the proposed wind farm must be undertaken which details the change in the noise environment resulting from the proposed development.

Details of the location and frequency of noise monitoring for the proposed development should be included in the EIAR to be submitted as part of the Planning Application.

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



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

Shadow Flicker

It is recommended that a shadow flicker assessment is undertaken to identify any dwellings and sensitive receptors which may be impacted by shadow flicker. The assessment must include all proposed mitigation measures. Dwellings should include all occupied properties and any existing or proposed properties for which planning consent has been granted for construction or refurbishment.

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

Air Quality

Due to the nature of the proposed construction works, generation of airborne dust has the potential to have significant impacts on sensitive receptors.

A Construction Environmental Management Plan (CEMP) should be included in the EIAR which details dust control and mitigation measures. Measures should include:

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

Surface and Ground Water Quality

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

All drinking water sources, both surface and ground water, must be identified.

Public and Group Water Scheme sources and supplies should be identified together with any private wells supplying potable water to houses in the vicinity of the proposed development. Measures to ensure that all sources and supplies are protected should be described.

The applicant should consider the impact of the proposed development on nearby Lough Easky and associated water treatment plant. The lake provides a drinking water source for approximately 6,000 local residents. Any possible adverse impacts from the proposed development on the lake must be identified and carefully managed to ensure that water quality is not affected.

The National Environmental Health Service recommends that a walk-over survey of the site is undertaken in addition to a desktop analysis of Geological Survey of Ireland data in order to identify the location of private wells used for drinking water purposes. Any potential significant impacts to drinking water sources should be assessed. Details of bedrock, overburden, vulnerability, groundwater flows, aquifers and catchment areas should be considered when assessing potential impacts and any proposed mitigation measures.

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



Geotechnical and Peat Stability Assessment

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

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

Reference is made to a peat slide which occurred near Ballybofey in Co. Donegal on 13th November 2020 which may have been linked to construction activity at Meenbog Wind Farm. Potential impacts on water supply associated with contamination following a peat slide include sedimentation and alteration of pH levels.

The National Environmental Health Service recommends that a detailed Peat Stability/Geotechnical Assessment should be undertaken to assess the suitability of the soil for the proposed development. The EIAR should include provision for a peat stability monitoring programme to identify early signs of potential bog slides ('pre-failure indicators' see the Scottish Government's 'Peat Landslide Hazard and Risk Assessments: Best Practice Guide for Proposed Electricity Developments 2017) <https://www.gov.scot/binaries/content/documents/govscot/publications/advice-and-guidance/2017/04/peat-landslide-hazard-risk-assessments-best-practice-guide-proposed-electricity/documents/00517176-pdf/00517176-pdf/govscot%3Adocument/00517176.pdf>

Traffic

The access roads serving the existing site and proposed development are, in some areas, narrow country roads. The proposed development will involve HGV's transporting large, cumbersome equipment and materials in and out of the development site along these narrow roads for an extended period of time. The applicant should consider the impact of these traffic movements and propose mitigation measures to ensure road safety in the EIAR.

Ancillary Facilities

The EIAR should include details of the location of the site office, construction compound, fuel storage depot, sanitary accommodation, canteen and first aid facilities. Proposals for the sanitary disposal of wastewater and the provision of a potable water supply to the site canteen should be included.

Cumulative Impacts

All existing or proposed wind farm developments in the vicinity should be clearly identified in the EIAR. The impact on sensitive receptors of the proposed development combined with any other developments in the vicinity should be considered. The EIAR should include a detailed assessment of any likely significant cumulative impacts of the proposed wind farm development.

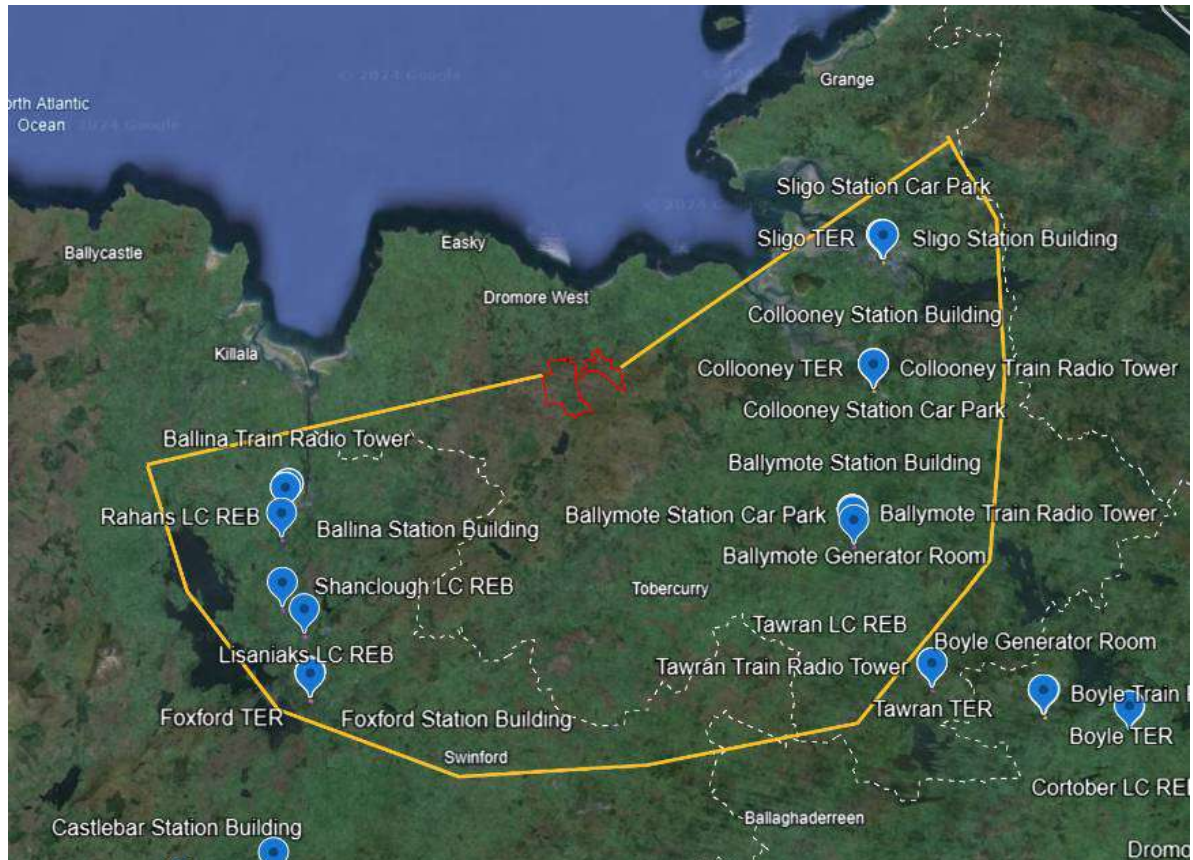
Carmel Lynch
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Environment and Climate Change Network Support Unit

From: [Thomas Quigley](#)
Sent: Wednesday 15 May 2024 16:36
To: Brodie Ní Thuathail
Cc: [Brandon Taylor](#)
Subject: RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Hi Brodie,

As per below, the yellow line outlines the railway sections that are within the 30km zone.



Regards,

Thomas Quigley,
National Telecoms Manager,
SET Department

 please don't print this e-mail unless you really need to

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Wednesday, May 15, 2024 2:15 PM
To: Thomas Quigley <Thomas.Quigley@irishrail.ie>
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

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Hi Thomas,

Thanks for your response on this. We'd like to ensure that any telecoms links in proximity to the site are included in our constraints analysis. Could you please identify what links/ masts are in the exclusion zone that you are referring to below, as well as any required setback distances.

Thank you.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: Thomas Quigley <Thomas.Quigley@irishrail.ie>
Sent: Monday, May 13, 2024 9:28 AM
To: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

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Hi Brodie,

The proposed site lies within the GSM-R (Mobile Network for Railways) coordination zone. Please see below:

From a study carried out by the ANFR (Agence Nationale des Frequences in France), the output calls for 2 main recommendations by defining 2 main zones as follows:

1. **Exclusion zone:** wind farm not less than 5 Km from antenna
2. **Coordination zone:** : 5Km<wind farm <30Km: this area, coordination between operators is required to fix any issue and impact on the signal propagation

Regards,

Thomas Quigley,
National Telecoms Manager,
SET Department



please don't print this e-mail unless you really need to

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Friday, May 10, 2024 9:09 AM
To: Thomas Quigley <Thomas.Quigley@irishrail.ie>
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: Proposed Windfarm Repowering Development Crumhach Co Sligo

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

Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all Irish Rail links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist
MKO
Tuam Road, Galway, H91 VW84

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From: [Paul Brunel](#)
Sent: Friday 17 May 2024 14:49
To: Brodie Ní Thuathail
Cc: [Ronnie O'Neill](#); [Brandon Taylor](#)
Subject: RE: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

You don't often get email from paul.brunel@imagegroup.ie. [Learn why this is important](#)

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Hi Brodie,
We look for a minimum set back of 50m from the centre path. If this is an issue please let us know what you propose.



Kind Regards,
Paul Brunel
Transmission Planner,
Network Deployment.
www.imagine.ie
086 388 1962
Sandyford Business Centre |
Blackthorn Road | Sandyford |
D18AW89



Disclaimer: www.imagine.ie/email-disclaimer/

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Friday, May 17, 2024 2:13 PM
To: Paul Brunel <Paul.Brunel@imagegroup.ie>
Cc: Ronnie O'Neill <Ronnie.ONeill@imagegroup.ie>; Brandon Taylor <btaylor@mkoireland.ie>
Subject: RE: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

This email originated outside of the organisation - please exercise caution when opening attachments or clicking links.

Hi Paul,

Thanks for sending that information on. With the below link in mind, do you have any specific setback distances required?

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

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From: Paul Brunel <Paul.Brunel@imgroupe.ie>
Sent: Friday, May 10, 2024 11:01 AM
To: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Cc: Ronnie O'Neill <Ronnie.ONeill@imgroupe.ie>; Brandon Taylor <btaylor@mkoireland.ie>
Subject: RE: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

You don't often get email from paul.brunel@imgroupe.ie. [Learn why this is important](#)

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Hi Brodie,
Imagine have equipment on a mast located within this development.
We have one microwave link affected, detail below:

	SO012 Cellnex Dunowla	MO003 Towercom Ballina
Latitude	54.20534677 N	54.10942056 N
Longitude	8.82122716 W	9.16536796 W
ITM Eastings	546423	523796
ITM Northings	828804	818445
Elevation (m)	233.08	17.58
Antenna Size (m)	0.9	1.2
Antenna height (m)	21.00	53.00
Frequency (MHz)	6630.00	

Your mail has been forwarded to our radio planning department. They will respond directly if they have any concerns.



Kind Regards,
Paul Brunel
Transmission Planner,
Network Deployment.
www.imagine.ie
086 388 1962
Sandyford Business Centre |
Blackthorn Road |Sandyford |
D18AW89



Disclaimer: www.imagine.ie/email-disclaimer/

From: Ronnie O'Neill <Ronnie.ONeill@imgroupe.ie>
Sent: Friday, May 10, 2024 9:09 AM
To: Paul Brunel <Paul.Brunel@imgroupe.ie>
Subject: Fw: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

fyi

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Friday, 10 May 2024 09:07

To: Ronnie O'Neill <Ronnie.ONeill@imagegroup.ie>

Cc: Brandon Taylor <btaylor@mkofireland.ie>

Subject: Proposed Windfarm Repowering Development at Crumhach, Co. Sligo

This email originated outside of the organisation - please exercise caution when opening attachments or clicking links.

Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all Imagine Network Services links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail

Graduate Environmental Scientist

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Brandon Taylor

From: Planning <planning@iaa.ie>
Sent: Friday 6 September 2024 11:54
To: Brandon Taylor
Cc: Christophe O'BRIEN; Planning
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Dear Mr Taylor,

Thank you for your scoping report and request for comments in relation to the proposed Crumhach Wind Farm containing 25 wind turbines (indicative blade tip height of 180m) at Crowagh or Dunneill Mountain and adjacent townlands, Co. Sligo.

The development appears to be approximately 18km Southwest of Sligo Airport and 30km North of Ireland West Airport, as such, it is recommended that the developer engage directly with Sligo Airport and Ireland West Airport and the air navigation service provider Air Nav Ireland to make them aware of the proposal and ensure appropriate screening from an aviation safety perspective.

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

Best Regards,

Dave

From: Brandon Taylor <btaylor@mkoireland.ie>
Sent: Thursday, September 5, 2024 5:17 PM
To: Planning <planning@iaa.ie>
Cc: Christophe O'BRIEN <Christophe.OBRIEN@IAA.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

*** This message originated from outside the Irish Aviation Authority. Please treat hyperlinks, attachments and instructions in this email with caution. ***

Dear Sir/Madam,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

The Proposed Development will likely encompass the repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1 Megawatts (MW) and 23 no. existing wind turbines, the provision of 25 no. new turbines comprising the new Crumhach Wind Farm incorporating the existing SSE Dunneill and Kingsmountain Wind Farms and additional greenfield lands, battery energy storage system, use of existing cable connections from Dunneill and Kingsmountain Wind Farms to the existing Cunghill 110kV substation, a new cable connection to the existing Srananagh 220kV substation and all associated site development works. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50MW for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, (as amended). In this regard, it is intended to submit the planning permission application to An Bord Pleanála.

Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKOK

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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Brandon Taylor

From: IWT Info <info@iwt.ie>
Sent: Monday 9 September 2024 09:27
To: Brandon Taylor
Subject: Re: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Brandon,

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

Kind regards,
Fabiola Vieira

On Fri, 6 Sept 2024 at 09:17, Brandon Taylor <btaylor@mkoireland.ie> wrote:

Dear Ms Vieira,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

The Proposed Development will likely encompass the repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1 Megawatts (MW) and 23 no. existing wind turbines, the provision of 25 no. new turbines comprising the new Crumhach Wind Farm incorporating the existing SSE Dunneill and Kingsmountain Wind Farms and additional greenfield lands, battery energy storage system, use of existing cable connections from Dunneill and Kingsmountain Wind Farms to the existing Cunghill 110kV substation, a new cable connection to the existing Srananagh 220kV substation and all associated site development works. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50MW for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, (as amended). In this regard, it is intended to submit the planning permission application to An Bord Pleanála.

Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should

be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,

Brandon.

Brandon Taylor MSc. BSc.

Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84



Offices in Galway and Dublin

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

Registered Charity (CRA) Number: 20010966

Facebook: IrishWildlifeTrust

Twitter: @irishwildlife

Phone: 01 445 7259 (landline available Wednesday-Thursday 9:30 to 5pm)

From: [Jimmy Sugrue](#)
Sent: Friday 10 May 2024 11:02
To: Brodie Ní Thuathail
Cc: [Brandon Taylor](#)
Subject: RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Hi Brodie.

We do not have any equipment in operation at this location.

Regards,
Jimmy.

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Friday, May 10, 2024 9:29 AM
To: Jimmy Sugrue <jsugrue@ivertec.ie>
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: Proposed Windfarm Repowering Development Crumhach Co Sligo

Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all Ivertec links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist
MKO
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Brandon Taylor

From: Sarah Broughall <sarah@whizzyinternet.ie>
Sent: Friday 6 September 2024 14:18
To: Brandon Taylor
Subject: Re: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Hi Brandon,

Many thanks for your email. Just to confirm we have no links in this area.

Kind regards,
Sarah.

On Fri, Sep 6, 2024 at 11:13 AM Brandon Taylor <btaylor@mkoireland.ie> wrote:

Dear Sir/Madam,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

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Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should

be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,

Brandon.

Brandon Taylor MSc. BSc.

Environmental Scientist

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From: [Sarah Broughall](#)
Sent: Friday 10 May 2024 09:41
To: Brodie Ní Thuathail
Subject: Re: Proposed Windfarm Repowering Development Crumhach Co Sligo

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Hi Brodie,

Just to confirm we have no links in this area.

Regards,
Sarah.

On Fri, May 10, 2024 at 9:32 AM Brodie Ní Thuathail
<bnithuathail@mkoireland.ie> wrote:

Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all JS Whizzy Internet links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

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viruses or other defects. The opinions expressed in this e-mail and any attachments may be those of the author and are not necessarily those of MKO

From: [Tom Barry](#)
Sent: Monday 17 June 2024 08:09
To: Brodie Ní Thuathail
Cc: [Colin Fennessy](#); [Brandon Taylor](#)
Subject: Re: EXTERNAL MAIL:- RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

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Brodie,

We anticipate no impact from the development as proposed.

Regards,
Tom

On Thu, May 30, 2024 at 3:25 PM Brodie Ní Thuathail
<bnithuathail@mkoireland.ie> wrote:

Hi Tom,

No problem, see kml attached.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

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From: Tom Barry <tom.barry@motorolasolutions.com>
Sent: Thursday, May 30, 2024 3:19 PM
To: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Cc: Colin Fennessy <colin.fennessy@motorolasolutions.com>
Subject: Fwd: EXTERNAL MAIL:- RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

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Brodie,

Would you mind resending the kml file please and we'll review.

Regards,
Tom

----- Forwarded message -----

From: **Neville Reilly** <neville.reilly@motorolasolutions.com>
Date: Thu, May 30, 2024 at 2:32 PM
Subject: Fwd: EXTERNAL MAIL:- RE: Proposed Windfarm Repowering Development Crumhach Co Sligo
To: tom.barry@motorolasolutions.com <tom.barry@motorolasolutions.com>

Tom did you get this?

Thanks

----- Forwarded message -----

From: **Brodie Ní Thuathail** <bnithuathail@mkoireland.ie>
Date: Thu 30 May 2024, 14:27
Subject: EXTERNAL MAIL:- RE: Proposed Windfarm Repowering Development Crumhach Co Sligo
To: neville.reilly@tetraireland.ie <neville.reilly@tetraireland.ie>
Cc: Brandon Taylor <btaylor@mkoireland.ie>

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Good afternoon,

Just following up on the below.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611

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From: Brodie Ní Thuathail
Sent: Friday, May 10, 2024 9:52 AM
To: neville.reilly@tetraireland.ie
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: Proposed Windfarm Repowering Development Crumhach Co Sligo

Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all Tetra Ireland links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611

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your personal information, please visit our [Privacy Policy](#).*

From: [Brandon Taylor](#)
Sent: Friday 4 October 2024 16:39
To: [Edel Mulholland](#)
Subject: FW: 410-2024 Proposed Crumhach Renewable Energy Development Co. Sligo
Attachments: Scoping Document F1 - 2024.09.05 - 230841.pdf; 410-2024 Crumhach Renewable Energy Development_Sligo_EIA Scoping Comments.docx

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: Drainage Admin <drainage.admin@opw.ie>
Sent: Friday 4 October 2024 16:31
To: Brandon Taylor <btaylor@mkoireland.ie>
Subject: FW: 410-2024 Proposed Crumhach Renewable Energy Development Co. Sligo

You don't often get email from drainage.admin@opw.ie. [Learn why this is important](#)

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Hi Brandon,

I hope this email finds you well,

Please see email attached response from OPW West Regional Engineers.

Kind regards,
Sarah

Email Disclaimer: <https://www.gov.ie/en/organisation-information/439daf-email-disclaimer/>



1. Regional Engineer (Acting), Mr. Shane Flaherty
2. Engineering Services

04th October 2024

OPW Ref: 410-2024

Re: PROPOSED CRUMHACH RENEWABLE ENERGY DEVELOPMENT, CO. SLIGO
EIA SCOPING REPORT

Report to Engineering Services:

MKO Environmental Consultants have commenced the process of producing an Environmental Impact Assessment Report to support the planning application for the proposed Crumhach Renewable Energy Development at Crowagh (Dunneil) Mountain and adjacent townlands in Co. Sligo. The new development will incorporate the sites of the Dunneil Wind Farm (13 turbines) and Kingsmountain Wind Farm (10 turbines).

It is currently proposed that the new wind farm will contain twenty five (25) wind turbines. The project will also include off-site secondary developments to accommodate the construction and operation of the proposed wind farm including haul routes, upgrade works and a connection to the national electricity network.

The Office of Public Works is not responsible for any channels within the study area, which falls under the remit of this office to maintain under the 1945 Arterial Drainage Act. The EIAR Site Boundary follows the path of the N59 National Primary Road and passes through the Dunmoran Drainage District. This is a maintainable channel that falls under the remit of the local authority to maintain. Information on these locations can be found at https://www.floodinfo.ie/map/drainage_map/.

This office has no record of flooding or past flood events adjacent to the study area. It is recommended to carry out a review of historical flood risk using floodinfo.ie using link provided <https://www.floodinfo.ie/map/floodmaps/>. This office would recommend that no flooding should occur during or after construction of the proposed project.

Under Section 50 of the 1945 Arterial Drainage Act & SI No.122 of 2010, no person, including a body corporate, shall construct any new bridge or alter, reconstruct, or restore any existing bridge over any watercourse without the consent of the Commissioners or otherwise than in accordance with plans previously approved of by the Commissioners. Where the development intends to install or restore a culvert or bridge over a watercourse as part of this development, Section 50 approval will be required in advance from the Commissioners of Public Works. Further information on the process including copies of the appropriate application form and brochure are available at <https://www.gov.ie/en/publication/957aa7-consent-requirements-constructionalteration-of-watercourse-infrastru/>



Please be aware that a grant of Planning Permission by a planning authority for a development which contains bridges or culverts does not confer Section 50 consent on the applicant, nor does it absolve the applicant from the requirement to obtain such consent from the Commissioners.

Perhaps Engineering Services might issue a reply to Brandon Taylor, MKO, Tuam Road, Galway, Ireland, H91 VW84 or by email to btaylor@mkoireland.ie to inform him of our comments.

Gareth McKane

Grade II Engineer (Acting)

Arterial Drainage Maintenance

Ionad Cothabhála Siltín na Muaidhe, Bóthar Bhéal Easa, Béal an Atha, Co. Mhaigh Eo, F26 HX99

Moy Drainage Maintenance, Foxford Road, Ballina, Co Mayo. F26 HX99

T +353 (096) 22065 / 22569 | info@opw.ie

www.opw.ie

Brandon Taylor

From: noeljennings@sligoairport.com
Sent: Friday 6 September 2024 13:08
To: Brandon Taylor; airportmanager@sligoairport.com
Cc: opsmanager@sligoairport.com
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

You don't often get email from noeljennings@sligoairport.com. [Learn why this is important](#)

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Hi Brandon

Your proposed Project doesn't appear to have any effect on the operations of Sligo Airport, Could you please contact the IAA (Irish Aviation Authority) for confirmation and observations.

Regards

Noel Jennings

Noel Jennings, Accountable Manager

Sligo Airport, Strandhill, Co Sligo, F91W53K

Phone: 071 9168280, **Mobile:** 087 7727006

Web: www.sligoairport.com

Email: noeljennings@sligoairport.com or airportmanager@sligoairport.com



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From: Brandon Taylor <btaylor@mkoireland.ie>

Sent: Friday 6 September 2024 09:55

To: airportmanager@sligoairport.com

Cc: opsmanager@sligoairport.com

Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

Dear Sir/Madam,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable

energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

The Proposed Development will likely encompass the repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1 Megawatts (MW) and 23 no. existing wind turbines, the provision of 25 no. new turbines comprising the new Crumhach Wind Farm incorporating the existing SSE Dunneill and Kingsmountain Wind Farms and additional greenfield lands, battery energy storage system, use of existing cable connections from Dunneill and Kingsmountain Wind Farms to the existing Cunghill 110kV substation, a new cable connection to the existing Srananagh 220kV substation and all associated site development works. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50MW for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, (as amended). In this regard, it is intended to submit the planning permission application to An Bord Pleanála.

Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKOK

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: [Brandon Taylor](#)
Sent: Friday 27 September 2024 15:07
To: [Edel Mulholland](#)
Subject: FW: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo
Attachments: Scoping Response_27th Sept.pdf

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: Joseph Carty <jcarty@sligococo.ie>
Sent: Friday 27 September 2024 14:59
To: Brandon Taylor <btaylor@mkoireland.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

You don't often get email from jcarty@sligococo.ie. [Learn why this is important](#)

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Hi Brandon,

I am reverting to you in relation to the scoping report you sent through for the proposed Windfarm development at Crumhach in Sligo. We understand that the proposed development will constitute a Strategic Infrastructural Development and will be lodged with An Bord Pleanála in due course.

As requested please see attached comments from Sligo County Council Planning Department in relation to the scoping document. If you have any queries in relation to the attached, please let us know.

Kind Regards,
Joe

Joe Carty
Pleanálaí Feidhmeannach
Executive Planner

Comhairle Chontae Shligigh
Halla na Cathrach, Sráid na Cé, Sligeach F91 PP44
Sligo County Council
City Hall, Quay Street, Sligo. F91 PP44

☎ +353-71-9114485

✉ jcarty@sligococo.ie

🖱 sligococo.ie | sligo.ie



Sligo County Council
Comhairle Chontae Shligigh

Sligo.

Memo

To: Brandon Taylor – MKO

From: Joe Carty, Executive Planner

Re: Dunneill Mountain Renewable Energy Development

Date: 26/09/2024

1.0 Introduction

Sligo County Council Planning Department have been requested by MKO, on behalf of SSE Renewables (Ireland) Ltd. to comment on an Environmental Impact Assessment Scoping Document. It is envisaged that the proposed development will be above the thresholds for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, as amended and the application will be lodged to An Bord Pleanála as a Strategic Infrastructure Development (SID).

2.0 Description of Site

The Proposed Development is located on the northwest slopes of the Ox Mountains, located approximately 4.5km south of the village of Dromore West, and approximately 3km southwest of the village of Templeboy in Co. Sligo, at their nearest points.

The Proposed Development is located within the townlands of Crowagh or Dunneill Mountain, Ballyglass (ED Dromore), Tawnadremira, Ballygreighan Barr, Dunowla, Kingsmountain, Ardleebeg, Ballinphull, Balleydawley, Ballygrania, Ballygreighan, Ballysumaghan, Bleachgreen, Collooney, Doonally, Doonflin Upper, Farranyharpy, Gaddan, Grange Beg, Killalla, Lavinscartron, Lugdoon, Markree Demense, Rathrippin, Rinn and Tully Beg.

In addition to existing grid connection to the Cunghill substation a proposed grid connection route is currently being considered to Srananagh substation.

The Proposed Development site is accessed via local roads and tracks off the N59 National Road, travelling in an east-west direction north of the site and the N17 National Road, which runs in a north south direction to the southeast of the site. The current entrance to the existing Dunneill Wind Farm is anticipated to remain the primary entrance, utilising the existing access roads and infrastructure. A second site entrance is envisaged from the local road to the west of the site boundary to access the adjoining lands.

3.0 Project Description

The proposed development will consist of:

- Repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1MW and 23 no. existing wind turbines.
- The provision of 25 no. new wind turbines comprising the new Crumhach Wind Farm. The new turbine layout will incorporate the existing SSE Dunneill and Kingsmountain wind farms and additional greenfield lands.
- Battery Energy Storage System (BESS)

- Use of existing cable connections from Kingsmountain and Dunneill Wind Farms to the existing Cunghill 110kV substation and a new cable connection to the existing Srananagh 220kV substation to connect the Proposed Development to the National Grid.
- All associated site development works.

An additional grid connection route is currently being considered to Srananagh substation.

3.1 Site Selection

It is stated within the scoping report that the repowering of the subject site along with the inclusion of adjoining lands allows for the utilisation of existing infrastructure within both existing sites. Sligo County Council Planning Department note the rationale behind the proposed location as set out within the report.

3.2 Population, Human Health (Including Shadow Flicker)

Comments are noted.

It is the opinion of Sligo County Council Planning Department that this application should include Waste Management Plans for both the construction and operational phases of the proposed development.

3.3 Biodiversity

Comments are noted.

3.4 Ornithology

Comments are noted.

3.5 Lands, Soils and Geology

Comments are noted.

3.6 Hydrology

Comments are noted.

It is the opinion of Sligo County Council Planning Department that this assessment should include any proposed firefighting measures that may be associated with the proposed battery storage facility and any potential impacts on water quality.

3.7 Air Quality

Comments are noted.

3.8 Climate

Comments are noted.

3.9 Noise and Vibration

Comments are noted.

The forthcoming EIAR must have regard to the ***Sligo County Council Noise Action Plan for Sligo County and City 2018***. It should be noted that there is also a ***Draft Sligo County Council Noise Action Plan 2024-2028*** currently at public consultation stage.

3.10 Landscape and Visual

Comments are noted.

The assessment should consider the cumulative impacts of the proposed development on the landscape as well as scenic routes and landscape sensitivity as set out in the Landscape Characterisation Map of the Sligo County Development Plan 2017-2023

3.11 Archaeology, Architectural and Cultural Heritage

Comments are noted.

3.12 Material Assets

Comments are noted.

The applicant is advised to engage with Sligo County Council Roads Department to identify any precondition surveys to infrastructure that may be required along proposed delivery routes, as well as any permitting requirements and any alterations that may be required to facilitate the proposed delivery.

4.0 Planning Policy

The Scoping Document sets out the relevant National, Regional and Local planning documentation relevant to the proposed development. As noted, the current relevant governing development plan is the Sligo County Development Plan 2017-2023 (As Amended). In that context, the following sections are relevant to the proposed development.

Section 11.1.9 Energy efficiency (Sligo CDP 2017-2023, As Amended)

Policy - SP-EN-2 Facilitate the sustainable production of energy from renewable sources, energy conversion and capture in forms such as wind power, hydro-power, wave generated energy, bioenergy, solar technology and the development of Waste to Energy/Combined Heat and Power schemes at appropriate locations and subject to compliance with the Habitats Directive.

All such development proposals will be assessed for their potential impact on urban and rural communities, Natura 2000 sites, designated Sensitive Rural Landscapes, Visually Vulnerable Areas, Scenic Routes and scenic views, as well as in accordance with strict location, siting and design criteria.

Section 13.9.3 Wind Energy Developments (Sligo CDP 2017-2023, As Amended)

The Planning Authority will have regard to the DoEHLG's Wind Energy Development Guidelines (June 2006) and any revised guidelines, when considering wind energy applications. The Guidelines outline the main criteria to be used in assessing development proposal. These criteria include:

- environmental impact – effects on landscape, natural and archaeological heritage;
- seeking visual harmony and balance – choice of turbines, towers, colour and siting;
- keeping secondary structures to a minimum – buried on-site cabling, minimal fencing, transformers placed inside towers where possible;
- keeping access roads to a minimum – using established roads where possible and following natural contours if roads are necessary;
- managing the building site – removing waste, avoiding erosion, replanting the land.

As noted, the Sligo County Development Plan is currently being reviewed and the proposed development should consider any pertinent policies within the Draft County Development Plan.

5.0 Community Consultation

Any forthcoming EIAR should outline clear proposals in relation to public consultation initiatives in line with the Department of the Environment, Climate Action and Communication's Code of Practice for Wind Energy.

6.0 Conclusion

Sligo County Council will continue to provide input to the statutory planning process for this project as provided for under the planning legislation.



Joe Carty, Executive Planner
26/09/2024

From: [Brandon Taylor](#)
Sent: Wednesday 23 October 2024 13:53
To: [Edel Mulholland](#)
Subject: FW: EXTERNAL MAIL:- 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo
Attachments: Scoping Document F1 - 2024.09.05 - 230841.pdf

From: Tom Barry <tom.barry@motorolasolutions.com>
Sent: Wednesday 23 October 2024 13:49
To: Brandon Taylor <btaylor@mkoireland.ie>
Subject: Fwd: EXTERNAL MAIL:- 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Brandon,

We anticipate no impact from the development as proposed. Can you please ensure it is reviewed by eir.

Regards,
Tom

----- Forwarded message -----

From: Neville Reilly <neville.reilly@motorolasolutions.com>
Date: Fri, Sep 6, 2024 at 11:44 AM
Subject: Fwd: EXTERNAL MAIL:- 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo
To: Tom Barry <tom.barry@motorolasolutions.com>

Tom,

just checking you received this?

Regards

Neville
Neville Reilly | Managing Director |
TETRA Ireland Communications Ltd
Block 43a, 2nd floor, Yeats Way, Parkwest Business Park, Nangor Road, D12
E_neville.reilly@motorolasolutions.com | www.tetraireland.ie/

----- Forwarded message -----

From: Brandon Taylor <btaylor@mkoireland.ie>

Date: Fri, Sep 6, 2024 at 10:55 AM

Subject: EXTERNAL MAIL:- 230841: EIA Scoping Request for Proposed
Crumhach Renewable Energy Development, Co. Sligo

To: info@tetraireland.ie <info@tetraireland.ie>

Cc: neville.reilly@tetraireland.ie <neville.reilly@tetraireland.ie>

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Dear Sir/Madam,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

The Proposed Development will likely encompass the repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1 Megawatts (MW) and 23 no. existing wind turbines, the provision of 25 no. new turbines comprising the new Crumhach Wind Farm incorporating the existing SSE Dunneill and Kingsmountain Wind Farms and additional greenfield lands, battery energy storage system, use of existing cable connections from Dunneill and Kingsmountain Wind Farms to the existing Cunghill 110kV substation, a new cable connection to the existing Srananagh 220kV substation and all associated site development works. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50MW for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, (as amended). In this regard, it is intended to submit the planning permission application to An Bord Pleanála.

Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin

mkoireland.ie | +353 (0)91 735 611



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Brandon Taylor

From: Monika Biniaszewska <Monika.Biniaszewska@three.ie>
Sent: Friday 6 September 2024 16:01
To: Brandon Taylor; Sean Kelly
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Hi Brandon,

Details of possibly affected links below – although it looks like them considered already in the document.

Link Name / ID	Band MHz\GHz	Link Length	Site A			
			Lat	Long	Easting	Northi
16976	15GHz	26.18km	54.19301	-9.22191	120296	327806
90470	26GHz	5.83km	54.20536	-8.82126	146462	328801

Thanks
Monika

From: Brandon Taylor <btaylor@mkoireland.ie>
Sent: Friday, September 6, 2024 11:22 AM
To: Monika Biniaszewska <Monika.Biniaszewska@three.ie>; Sean Kelly <Sean.Kelly2@three.ie>
Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

CAUTION! External Email.

Dear Sir/Madam,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

The Proposed Development will likely encompass the repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1 Megawatts (MW) and 23 no. existing wind turbines, the provision of 25 no. new turbines comprising the new Crumhach Wind Farm incorporating the existing SSE Dunneill and Kingsmountain Wind Farms and additional greenfield lands, battery energy storage system, use of existing cable connections from Dunneill and Kingsmountain Wind Farms to the existing Cunghill 110kV substation, a new cable connection to the existing Srananagh 220kV substation and all associated site development works. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50MW for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, (as amended). In this regard, it is intended to submit the planning permission application to An Bord Pleanála.

Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,
Brandon.

Brandon Taylor MSc. BSc.
Environmental Scientist

MKOK

Tuam Road, Galway, H91 VW84

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mkoireland.ie | +353 (0)91 735 611



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From: [David Montgomery](#)
Sent: Friday 10 May 2024 14:24
To: Brodie Ní Thuathail; [Monika Biniaszewska](#); [Brandon Taylor](#)
Cc: [Sean Kelly](#); [Hayley Chan](#)
Subject: RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

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Hi Brodie,

We ask for a 50m setback if possible please.

Thanks,

Dave

From: Brodie Ní Thuathail <bnthuathail@mkoireland.ie>
Sent: Friday, May 10, 2024 12:57 PM
To: David Montgomery <David.Montgomery@three.ie>; Monika Biniaszewska <Monika.Biniaszewska@three.ie>; Brandon Taylor <btaylor@mkoireland.ie>
Cc: Sean Kelly <Sean.Kelly2@three.ie>; Hayley Chan <Hayley.Chan@three.ie>
Subject: RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

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Hi Dave,

Thanks for the below.

Location for the below turbine close to the 1st link : Easting: 145116 ; Northing: 328817

Please note, the proposed Crumhach Wind Farm new layout is still being reviewed. It is not envisioned to repower all existing turbine locations, and new turbine locations are being proposed. With that in mind, if you have any specific setback distances from the two links, please let us know.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist
MKO
Tuam Road, Galway, H91 VW84
Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: David Montgomery <David.Montgomery@three.ie>
Sent: Friday, May 10, 2024 12:32 PM
To: Monika Biniaszewska <Monika.Biniaszewska@three.ie>; Brodie Ní Thuathail <bnthuathail@mkoireland.ie>; Brandon Taylor <btaylor@mkoireland.ie>
Cc: Sean Kelly <Sean.Kelly2@three.ie>; Hayley Chan <Hayley.Chan@three.ie>
Subject: RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

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Hi Brodie,

We've two links traversing this area. Details below.

The 1st link already passes close to a Turbine. Would you have the coordinates for this Turbine so we can measure the distance?

Link Name / ID	Band MHz/GHz	Link Length	Site A					Site B				
			Lat	Long	Easting	Northing	Ant Height	Lat	Long	Easting	Northing	Ant Height
ML016976	15	26.2km	54.19301	-9.22191	120,296	327,806	21	54.20536	-8.82126	146,462	328,801	15m
ML090470	26	5.8km	54.20536	-8.82126	146,462	328,801	26	54.2394	-8.75341	150,926	332,542	10m



Regards,

Dave

From: Monika Biniaszewska <Monika.Biniaszewska@three.ie>
Sent: Friday, May 10, 2024 10:29 AM
To: bnithuathail@mkofireland.ie; Brandon Taylor <btaylor@mkofireland.ie>
Cc: David Montgomery <David.Montgomery@three.ie>; Sean Kelly <Sean.Kelly2@three.ie>
Subject: FW: Proposed Windfarm Repowering Development Crumhach Co Sligo

Hi Brodie,

I am adding my colleague, Dave. He will review it.

Can you copy Sean Kelly and David Montgomery in any future Wind Farm mails please?

Thanks
Monika

From: Brodie Ni Thuathail <bnithuathail@mkofireland.ie>
Sent: Friday, May 10, 2024 10:11 AM
To: Monika Biniaszewska <Monika.Biniaszewska@three.ie>
Cc: Brandon Taylor <btaylor@mkofireland.ie>
Subject: Proposed Windfarm Repowering Development Crumhach Co Sligo

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CAUTION! External Email.

Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all Three Ireland (Hutchinson) Ltd links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ni Thuathail
Graduate Environmental Scientist
MKO
Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkofireland.ie | +353 (0)91 735 611



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From: Raymond Ryan <rryan@towercom.ie>
Sent: Friday 10 May 2024 14:12
To: Brodie Ní Thuathail
Subject: Towercom

[You don't often get email from rryan@towercom.ie. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

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Dear Ms Ní Thuathail,

Thank you for your enquiry.

There are no Towercom links within 5km of the centre co-ordinates as provided.

Our closest sites are between 12-16km from the centre co-ordinates.

Please do not hesitate to contact me with any further queries.

Kind Regards,

Ray

Ray Ryan
Property Manager
m: +353 87 9718041
Website | LinkedIn

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Please consider the environment before printing this email.

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

From: Morag Pollock <mpollock@towercom.ie>
Sent: Friday, May 10, 2024 10:44 AM
To: Raymond Ryan <rryan@towercom.ie>
Subject: FW: [Netlify] Form submission from contact form: Brodie Ní Thuathail

Hey Ray,

FYI.

Michelle

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

From: towercom.ie <formresponses@netlify.com>

Sent: Friday, May 10, 2024 10:19 AM

To: Morag Pollock <mpollock@towercom.ie>

Subject: [Netlify] Form submission from contact form: Brodie Ní Thuathail

Email:

bnithuathail@mkoireland.ie

Name:

Brodie Ní Thuathail

Option:

Site Enquiries

Query:

Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM).

Could you please provide the start and end point (ITM) of all Towercom links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

From: [INFO](#)
Sent: Wednesday 25 September 2024 12:18
To: [Brandon Taylor](#)
Subject: TII24-128638 - EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo.

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Dear Mr. Taylor,

Thank you for your email of 6 September 2024 in relation to the above. The position in relation to your enquiry is as follows.

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

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

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

With respect to EIAR scoping issues, the recommendations indicated below provide only general guidance for the preparation of an EIAR, which may affect the national road network.

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

- Consultations should be had with the relevant local authority/national road design office with regard to locations of existing and future national road schemes,
- TII would be specifically concerned with the potential significant impacts the development would have on the national road network (and junctions with national roads) in the proximity of the proposed development, including the potential haul route,
- The developer should assess the visual impacts of existing national roads,
- The developer should have regard to any EIAR/EIS and all conditions and/or modifications imposed by An Bord Pleanála regarding road schemes in the area. The developer should in particular have regard for any potential cumulative impacts,

- The developer, in preparing EIAR, should have regard to TII Publications (formerly DMRB and the Manual of Contract Documents for Road Works).
- The EIAR should have regard to TII's Environmental Assessment and Construction Guidelines, including the Good Practice Guidance for the Treatment of Noise during the Planning of National Road Schemes (March 2014),
- The EIAR should consider the European Communities (Environmental Noise) Regulations, 2018, (S.I. no. 549 of 2018), and how the development will affect future action plans by the relevant competent authority. The developer may need to consider the incorporation of noise barriers to reduce noise impacts (see Good Practice Guidance for the Treatment of Noise during the Planning of National Road Schemes (National Roads Authority, 2014)),
- It would be important that, where appropriate, subject to meeting the appropriate thresholds and criteria and having regard to best practice, a traffic and transport assessment be carried out in accordance with relevant guidelines, noting traffic volumes attending the site and traffic routes to/from the site with reference to impacts on the national road network and junctions of lower category roads with national roads.
- In relation to national roads, TII Traffic and Transport Assessment Guidelines (2014) should be referred to in relation to proposed development with potential impacts on the national road network. The scheme promoter is also advised to have regard to Section 2.2 of the NRA/TII TTA Guidelines which addresses requirements for sub-threshold TTA,
- Any improvements required to facilitate development should be identified. It will be the responsibility of the developer to pay for the costs of any improvements to national roads to facilitate the private development proposed as TII will not be responsible for such costs,
- The designers are asked to consult TII Publications to determine whether a road safety audit is required,
- In the interests of maintaining the safety and standard of the national road network, the EIAR should identify the methods/techniques proposed for any works traversing/in proximity to the national road network,
- TII recommends that the applicant/developer should clearly identify the haul routes proposed and fully assess the network to be traversed. TII notes that Section 5.2 of the EIAR Scoping Report outlines an indicative proposed turbine component delivery route to a site which utilises the N56, N15, N4 and N59, national road network. Where abnormal 'weight' loads are a feature of the development, e.g. turbine, substation components, etc., separate structure approvals/permits, and other licences may be required in connection with the proposed haul route. All national road structures on the haul route through all the relevant County Council administrative areas should be checked by the applicant/developer to confirm their capacity to accommodate any abnormal 'weight' load proposed. Any requirements for 'Exceptional Abnormal Loads' should also be addressed in accordance with TII Publications.

In addition, the haul route should be assessed to confirm capacity to accommodate abnormal 'length' loads and any temporary works required are identified.

The national road network is managed by a combination of Public-Private Partnership (PPP) Concessions, Motorway Maintenance and Renewal Contracts (MMaRC) and local road authorities in association with TII.

The applicant/developer should also consult with all PPP, MMarC Contractors and road authorities over which the haul route traverses to ascertain any operational requirements, including delivery timetabling, etc. to ensure that the strategic function of the national road network is safeguarded.

Where temporary works within any MMarC boundary are required to facilitate the transport of substation components to the site, the applicant/developer shall contact thirdpartyworks@tii.ie in advance, as a works-specific deed of indemnity will be needed by TII before the works can take place.

Additionally, any damage caused to the pavement on the existing national road arising from any temporary works due to the turning movement of abnormal loads (e.g. tearing of the surface course, etc.) shall be rectified in accordance with TII Pavement Standards and details in this regard shall be agreed with the Road Authority prior to the commencement of any development on site.

Any road safety audit requirements should be addressed.

Grid connection and cable routing proposals should be developed to safeguard proposed road schemes as TII will not be responsible for costs associated with future relocation of cable routing where proposals are catered for in an area of a proposed national road scheme (e.g. N59 Corhawnagh to Crockacullion Scheme). In that regard, consideration should be given to routing options, use of existing crossings, depth of cable laying, etc.

In terms of impacts on the existing national road network, grid connection proposals indicated in Section 1.1 of your EIAR Scoping Report documentation outline the use of existing cable connections from Kingsmountain and Dunneill Wind Farms to the existing Cunghill 110kV substation and a new cable connection to the existing Srananagh 220kV substation to connect the Proposed Development to the National Grid.

Section 5.2 of the EIAR Scoping Report indicates the proposed grid connection routing from the subject development to the Srananagh Substation as being predominantly along the N59, national road, for a length in excess of 20km. This is likely to result in a significant impact on the national road network.

In relation to grid routing proposals impacting the existing national road network, please note, in accordance with the National Planning Framework National Strategic Outcome no. 2 'Enhanced Regional Accessibility', there is a requirement to maintain the strategic capacity and safety of the network. This requirement is further reflected in the National Development Plan, the National Investment Framework for Transport in Ireland and also the existing Statutory Section 28 Spatial Planning and National Roads Guidelines for Planning Authorities.

There are around 99,000km of roads in Ireland, the national road network which caters for strategic inter-urban travel consists of only approx. 5.4% of this. There is a critical requirement to ensure the strategic capacity and safety of this national road network is maintained and significant Government investment already made in the national road network is safeguarded.

The provision of cabling along the national road network represents a number of significant implications for TII and road authorities in the management and maintenance of the strategic national road network and TII is of the opinion that grid connection cable routing should reflect the foregoing provisions of official policy.

Section 12.4.1.1 'Accelerate Renewable Electricity Generation' of the Climate Action Plan 2024 (CAP24) outlines the objective of reaching 80% of electricity demand from renewable sources by 2030 through a range of measures, including; 'All relevant public bodies will carry out their

functions in a manner which supports the achievement of the renewable electricity targets, including, but not limited to, the use of road and rail infrastructure to provide a route for grid infrastructure where this is the optimal solution’.

Consistent with CAP24, for all renewable energy developments requiring grid connection to the national grid, TII recommends that a full assessment of all route alternatives for grid connection takes place, including alternatives to public roads, where appropriate. In TII’s experience, grid connection accommodated on national roads has the potential, inter alia, to result in technical road safety issues such as differential settlement due to backfilling trenches and can impact on ability and cost of general maintenance, upgrades and safety works to existing national roads.

Having regard to the foregoing, in TII’s opinion, grid connection routing, where it is proposed to utilise the road network must therefore demonstrate that the route proposed represents the ‘optimal solution’. It is not evident in the EIAR Scoping documentation provided such an exercise has been undertaken. For example, Section 6.2.4.16 of the EIAR Scoping Report discusses ‘Material Assets: Traffic and Transportation’ and no reference is made to impacts to the operation and safety of the national road network in terms of grid connection proposals to the extent proposed in the N59, national road. This is a serious omission in TII’s consideration.

In addition, there is a finite road space available to accommodate all utilities in the road network. It is recommended that a coordinated approach to grid connection routing in this area is achieved to avoid risk to the effective delivery of renewable energy projects in the area. Again, it is not evident in the EIAR Scoping documentation provided such an exercise has been undertaken.

Other consents or licences may be required from the road authority for any trenching or cabling proposals crossing the national road. TII requests referral of all proposals agreed and licensed between the road authority and the applicant which affect the national road network.

Cable routing should avoid all impacts to existing TII infrastructure such as traffic counters, weather stations, etc. and works required to such infrastructure shall only be undertaken in consultation with and subject to the agreement of TII, any costs attributable shall be borne by the applicant/developer. The developer should also be aware that separate approvals may be required for works traversing the national road network.

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

I hope that this information is of assistance to you.

Yours sincerely,

Rachel Begley
Regulatory & Administration Executive
Transport Infrastructure Ireland



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Edel Mulholland

From: Datarequests <Datarequests@water.ie>
Sent: Wednesday 15 April 2026 16:33
To: Edel Mulholland
Cc: Brandon Taylor
Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

Follow Up Flag: Follow up
Flag Status: Flagged

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Hi Edel,

Thank you for contacting the Data Request Team.

Using the coordinates/information provided, please find below link to the maps that shows the water and sewer networks in the vicinity of Sligo. Please note, there is limited information about **waste network** in the area requested. This does not necessarily mean that there is no **waste network**. We are updating our records daily so it might be of your interest to contact the Local Authority of the study area to retrieve more information, which could be in any other format.

I have also attached an overview map of the tiles for your reference.

<https://fx.topsec.com/?a=d&i=CqjuJIX1UuuwQVR>

Please note, the above link is available for 30 days.

We hope this helps. Do not hesitate to contact us should you have any further query.

Kind regards,

Niall

Asset Data Coordinator - Provision

Uisce Éireann

Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath 1, D01 NP86, Éire

Irish Water

Colvill House, 24-26 Talbot Street, Dublin 1, D01 NP86, Ireland

www.water.ie

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Datarequests@water.ie



Is don duine amháin nó don eintiteas amháin ainmnithe ar an seoladh an fhaisnéis agus d'fhéadfadh ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh na tráchtála de a bheith mar chuid den fhaisnéis. Tá toirmeasc ar aon daoine nó aon eititis; nach dóibh siúd an fhaisnéis- aon athbhreithniú a dhéanamh, aon atarchur a dhéanamh nó aon athdháileadh a dhéanamh, nó aon úsáid eile a bhaint as an bhfaisnéis, nó aon ghníomh a bhraithfeadh ar an bhfaisnéis seo a dhéanamh agus d'fhéadfaí an dlí a shárú dá ndéanfaí sin. Séanann Uisce Éireann dliteanas as aon ghníomh agus as aon iarmhairt bunaithe ar úsáid neamhúdaraith na faisnéise seo. Séanann Uisce Éireann dliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo agus séanann Uisce Éireann dliteanas maidir le haon mhoill a bhaineann leis an bhfaisnéis a fháil. Má tá an ríomh-phost seo faighte agat trí dhearmad, déan teagmháil leis an seoltóir más é do thoil é agus scrios an t-ábhar ó gach aon ríomhaire. D'fhéadfadh ríomhphost a bheith so-ghabhálach i leith truaillithe, idircheaptha agus i leith leasuithe neamhúdaraith. Séanann Uisce Éireann aon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin tar éis a sheolta. Tabhair faoi deara go bhféadfadh monatóireacht a bheith á dhéanamh ar theachtaireachtaí chuig Uisce Éireann agus ó Uisce Éireann d'fhonn ár ngnó a chosaint agus chun a chinntiú go bhfuiltear ag teacht le beartais agus le caighdeáin Uisce Éireann. Is cuideachta gníomhaíochta ainmnithe é Uisce Éireann atá faoi theorainn scaireanna, a bunaíodh de bhun fhorálacha na n-Achtanna um Sheirbhísí Uisce 2007-2022, a bhfuil a bpríomh-ionad gnó ag Teach Colvill, 24-26 Sráid na Talbóide, BÁC 1.

Go raibh maith agat as d'aird a thabhairt.

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Thank you for your attention.

From: Edel Mulholland <emulholland@mkoireland.ie>

Sent: Wednesday 15 April 2026 10:22

To: Datarequests <Datarequests@water.ie>

Cc: Brandon Taylor <btaylor@mkoireland.ie>

Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Hi Niall,

Please see attached the zip pack of the Study Area shapefile in ING Coordinates.

At this time, we only require PDF maps. Thank you.

Kind regards,
Edel.

Edel Mulholland
Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
mkoireland.ie | +353 (0)91 735 611



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From: Datarequests <Datarequests@water.ie>

Sent: Wednesday 15 April 2026 10:10

To: Edel Mulholland <emulholland@mkoireland.ie>

Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Hi Edel,

Thank you for contacting Data Requests.

Data Requests supply records of Uisce Éireann Infrastructure in GIS format (i.e. **.shp**, **.gdb**, **.tab**, or **.dwg**).

In order to speed up the process, we ask that you provide us with a polygon of your desired area of study in **ING coordinates (.dwg - 2013 or lower versions or .shp in ING) that outlines the extent and location of the area(s) that you require data**. Alternatively, please provide Eircode or 4 points with the extension of the area (top left, top right, bottom left, bottom right).

If you wish to proceed to acquire GIS digital data, we ask you to complete a Non Disclosure Agreement Form (1b - attached). In Appendix (Page 4) Sections a-h of this form, please ensure that all sections are completed as per the outline shown in the attached guide. If a section is not relevant, please indicate this. Can you also please ensure that

you detail the nature of the data you require. For example, Water Distribution and/or Sewer Network in .dwg, .tab or .shp format (please refer to the attached guide 1a to assist you).

For maps in **PDF**, please ignore the NDA form and reply stating you only require **PDF** maps.

Please Note:

1. Uisce Éireann is responsible for issuing Water & Wastewater **digital** data in GIS format and will issue the data in **one format only** (.shp, .gdb, .tab, .dwg or .pdf).
2. Local Authorities are responsible for maintaining and issuing Stormwater data. Uisce Éireann does not issue Stormwater data.

Attached **1b. Non-Disclosure Agreement Form** must be **signed by hand**. Please complete all required sections, namely **a to h, Description of Data, and Appendix A**. This is a legally binding document, therefore all sections must be completed, please refer to attached 1a) Guide to completing Non-Disclosure Agreement.

Disclaimers: Any maps produced using Uisce Éireann data require the appropriate disclaimer as outlined in the relevant attachment (1a).

Please Note: The average turnaround time for processing requests is 2 weeks or 10 working days, provided you have adhered to the requirements set out above.

Due to the large volume of data requests received daily, incomplete or inaccurately completed forms will result in delays to issuing data. Consequently, the sole responsibility lies with the requestor to ensure that the above guidelines are adhered to, and relevant documentation is submitted.

Should you have any questions in relation to the above, please do not hesitate to get in contact.

Kind regards,

Niall

Asset Data Coordinator - Provision

Uisce Éireann

Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath 1, D01 NP86, Éire

Irish Water

Colvill House, 24-26 Talbot Street, Dublin 1, D01 NP86, Ireland

www.water.ie

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Datarequests@water.ie



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teagmháil leis an seoltóir más é do thoil é agus scríos an t-ábhar ó gach aon ríomhaire. D'fhéadfadh ríomhphost a bheith so-ghabhálach i leith truaillithe, idircheaptha agus i leith leasuithe neamhúdraithe. Séanann Uisce Éireann aon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin tar éis a sheolta. Tabhair faoi deara go bhféadfadh monatóireacht a bheith á dhéanamh ar theachtairreachtaí chuig Uisce Éireann agus ó Uisce Éireann d'fhonn ár ngnó a chosaint agus chun a chinntiú go bhfuiltear ag teacht le beartais agus le caighdeáin Uisce Éireann. Is cuideachta gníomhaíochta ainmnithe é Uisce Éireann atá faoi theorainn scaireanna, a bunaíodh de bhun fhorálacha na n-Achtanna um Sheirbhísí Uisce 2007-2022, a bhfuil a bpríomh-ionad gnó ag Teach Colvill, 24-26 Sráid na Talbóide, BÁC 1.

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Thank you for your attention.

From: Edel Mulholland <emulholland@mkoireland.ie>

Sent: Tuesday 14 April 2026 14:31

To: Datarequests <Datarequests@water.ie>

Cc: Emmett Hegarty(C) <emmett.hegarty@water.ie>; Brandon Taylor <btaylor@mkoireland.ie>

Subject: FW: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Hi there,

Further to the below, could you please advise on any water services that may be found within the Site boundary in the attached figure. Thanks a million.

Kind regards,
Edel.

Edel Mulholland
Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin

mkoireland.ie | +353 (0)91 735 611



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From: Planning <Planning@water.ie>

Sent: Tuesday 12 November 2024 10:40

To: Brandon Taylor <btaylor@mkoireland.ie>

Cc: Emmett Hegarty(C) <emmett.hegarty@water.ie>

Subject: RE: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Sir/Madam,

In response to a referral for an Environmental Impact Assessment (EIA) scoping request relating to a Proposed Crumhach Renewable Energy Development in Co. Sligo.

Please find attached Uisce Éireann's observations.

I hope you find this information helpful. If you have any queries please do not hesitate to contact me.

Kind regards,

Martha Gilligan

Planning Application Specialist

Uisce Éireann

Teach Colvill, 24–26 Sráid Thalbóid, Baile Átha Cliath 1, D01 NP86, Éire

Uisce Éireann

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M +353 86 932 5582

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www.water.ie

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From: Brandon Taylor <btaylor@mkoireland.ie>

Sent: Friday, September 6, 2024 9:15 AM

To: Planning <Planning@water.ie>

Subject: 230841: EIA Scoping Request for Proposed Crumhach Renewable Energy Development, Co. Sligo

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Dear Sir/Madam,

MKO is preparing an Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) to accompany a planning application, on behalf of SSE Renewables (Ireland) Ltd, for a proposed renewable energy development located at Crumhach and surrounding townlands, approximately 4.5km south of the village of Dromore West and approximately 3km southwest of the village of Templeboy, Co. Sligo.

The Proposed Development will likely encompass the repowering of the existing SSE Dunneill and Kingsmountain Wind Farms which currently have a combined generating capacity of 36.1 Megawatts (MW) and 23 no. existing wind turbines, the provision of 25 no. new turbines comprising the new Crumhach Wind Farm

incorporating the existing SSE Dunneill and Kingsmountain Wind Farms and additional greenfield lands, battery energy storage system, use of existing cable connections from Dunneill and Kingsmountain Wind Farms to the existing Cunghill 110kV substation, a new cable connection to the existing Srananagh 220kV substation and all associated site development works. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50MW for wind energy as set out in the 7th Schedule of the Planning and Development Act 2000, (as amended). In this regard, it is intended to submit the planning permission application to An Bord Pleanála.

Please see an attached Scoping Document providing details of the Proposed Development. As part of the EIA process, we would welcome any comments that you might have in relation to the Proposed Development, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. If you could return any comments or suggestions at your earliest convenience, it would be much appreciated.

If you require any further information, please do not hesitate to contact me.

Kind regards,

Brandon.

Brandon Taylor MSc. BSc.

Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin

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Thank you for your attention.

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Thank you for your attention.

For the attention of Brandon Taylor
MKO
Tuam Road,
Galway,
H91 VW84

8th Nov 2024

By Email: btaylor@mkoireland.ie

Uisce Éireann
Bosca OP 6000
Baile Átha Cliath 1
D01 WA07
Éire

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PO Box 6000
Dublin 1
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T: +353 1 89 25000
F: +353 1 89 25001
www.water.ie

**Re: EIA Scoping Request – Proposed Crumhach Renewable Energy Development,
Co. Sligo.**

Dear Brandon Taylor

Uisce Éireann has received notification of your Environmental Impact Assessment (EIA) scoping request relating to SSE Renewables (Ireland) Ltd's forthcoming application to construct and operate a windfarm in Crumhach, County Sligo.

Please see attached, Uisce Éireann's scoping opinion in relation to your proposals and Uisce Éireann's public infrastructure & assets.

On receipt of the planning referral, Uisce Éireann will review the finalised Environmental Impact Assessment Report (EIAR) as part of our planning assessment. Uisce Éireann's will then issue a statutory response to the Planning Authority in line with our obligations as a statutory consultee.

Uisce Éireann's Response to EIAR Scoping Request

The proposed development is in the locality of Lough Eskey, where Uisce Éireann operates an abstraction point that serves the Lough Eskey regional water supply. It is noted that the proposed development is approximately 600 meters to the south of this facility. These proposals cannot give rise to any deterioration of Lough Eskey water source. Care must be taken to avoid interaction with and any impact to, this body of water and its catchment, particularly at the South easterly extent of the proposed boundary, where there is potential risk of catchment interaction is greatest. Potential impacts on any water source(s) in proximity to your proposals and having hydrological

connectivity with your development site at construction and operational phases should be assessed and mitigations proposed for any potential impacts.

Please be advised that the proposed cabling route to the Srananagh 220kV substation will potentially have interactions with Uisce Éireann's infrastructure within the public roads(s). Prior to any planning application submission, the applicant is required to submit a diversion enquiry to Uisce Éireann and receive a Confirmation of Feasibility (COF) letter from Diversions Dept, that will form part of the formal planning application lodgment documentation.

In addition to the specific items outlined above please note the following aspects of Water Services which should be considered in the scope of your EIAR;

- a) Where the development proposal has the potential to impact an Uisce Éireann Drinking Water Source(s), the applicant shall provide details of measures to be taken to ensure that there will be no negative impact to Uisce Éireann's Drinking Water Source(s) during the construction and operational phases of the development. Hydrological / hydrogeological pathways between the applicant's site and receiving waters should be identified as part of the report.
- b) Where the development proposes the backfilling of materials, the applicant is required to include a waste sampling strategy to ensure the material is inert.
- c) Mitigations should be proposed for any potential negative impacts on any water source(s) which may be in proximity and included in the environmental management plan and incident response.
- d) Any and all potential impacts on the nearby reservoir as public water supply water source(s) are assessed, including any impact on hydrogeology and any groundwater/ surface water interactions.
- e) Impacts of the development on the capacity of water services (*i.e. do existing water services have the capacity to cater for the new development*). This is confirmed by Uisce Éireann in the form of a Confirmation of Feasibility (COF). If a development requires a connection to either a public water supply or sewage collection system, the developer is advised to submit a Pre-Connection Enquiry (PCE) enquiry to Uisce Éireann to determine the feasibility of connection to the Uisce Éireann network.

- f) The applicant shall identify any upgrading of water services infrastructure that would be required to accommodate the proposed development.
- g) In relation to a development that would discharge trade effluent – any upstream treatment or attenuation of discharges required prior to discharging to an Uisce Éireann collection network.
- h) In relation to the management of surface water; the potential impact of surface water discharges to combined sewer networks and potential measures to minimise and or / stop surface waters from combined sewers.
- i) Any physical impact on Uisce Éireann assets – reservoir, drinking water source, treatment works, pipes, pumping stations, discharges outfalls etc. including any relocation of assets.
- j) When considering a development proposal, the applicant is advised to determine the location of public water services assets, possible connection points from the applicant's site / lands to the public network and any drinking water abstraction catchments to ensure these are included and fully assessed in any pre-planning proposals. Details, where known, can be obtained by emailing an Ordnance Survey map identifying the proposed location of the applicant's intended development to datarequests@water.ie
- k) Other indicators or methodologies for identifying infrastructure located within the applicant's lands are the presence of registered wayleave agreements, visible manholes, vent stacks, valve chambers, marker posts etc. within the proposed site.
- l) Any potential impacts on the assimilative capacity of receiving waters in relation to Uisce Éireann discharge outfalls including changes in dispersion / circulation characterises. Hydrological / hydrogeological pathways between the applicant's site and receiving waters should be identified within the report.
- m) Any potential impact on the contributing catchment of water sources either in terms of water abstraction for the development (*and resultant potential impact on the capacity of the source*) or the potential of the development to influence / present a risk to the quality of the water abstracted by Uisce Éireann for public supply should be identified within the report.
- n) Where a development proposes to connect to an Uisce Éireann network and that network either abstracts water from or discharges wastewater to a "protected"/

sensitive area, consideration as to whether the integrity of the site / conservation objectives of the site would be compromised should be identified within the report.

- o) Uisce Éireann does not permit building over of its assets. As an applicant you are required to;
- survey the site to determine the exact location of the assets. Any trial investigations should be carried out with the agreement and in the presence of Uisce Éireann.
 - Provide evidence of separation distances between the existing Uisce Éireann assets and proposed structures, other services, trees, etc. have to be in accordance with the Irish Water Codes of Practice and Standard Details.
- p) Where a diversion of Public Infrastructure may be required subject to layout proposal of the development and separation distances, the applicant is required to submit a Diversions Enquiry to diversions@water.ie
- q) Mitigation measures in relation to any of the above ensuring a zero risk to any Uisce Éireann drinking water sources (Surface and Ground water).

This is not an exhaustive list.

Please note;

- Where connection(s) to the public network is required as part of the development proposal, applicants are advised to complete the Pre-Connection Enquiry process and have received a Confirmation of Feasibility letter from Uisce Éireann ahead of any planning application.
- Uisce Éireann will not accept new surface water discharges to combined sewer networks.
- Where a new connection(s) is sought, the applicant or developer shall enter into water and/or wastewater connection agreement(s) with Uisce Éireann prior to the commencement of this development.
- Where an existing connection is on place, the applicant or developer may be required to enter into a new or revised water and/or wastewater connection

agreement(s) with Uisce Éireann prior to the commencement of this development.

Queries relating to this EIAR scoping request should be directed to planning@water.ie

PP. Ali Robinson

Signed on behalf of Dermot Phelan

Connections Delivery Manager

From: [Keiran Butler](#)
Sent: Tuesday 28 May 2024 14:22
To: Brodie Ní Thuathail; [Brandon Taylor](#)
Cc: [Mark Nolan](#)
Subject: RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

Caution: This is an external email and may be malicious. Please take care when clicking links or opening attachments.

Hi Brodie

Virgin Media IRL **DO NOT** have any radio links in this area

Regards
Keiran Butler

From: Mark Nolan <Mark.Nolan@virginmedia.ie>
Sent: Friday, May 10, 2024 10:12 AM
To: Keiran Butler <Keiran.Butler@virginmedia.ie>
Subject: FW: Proposed Windfarm Repowering Development Crumhach Co Sligo

Hi Keiran,

Can you have a look when you get a chance.

Thanks

Mark

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Friday, May 10, 2024 10:07 AM
To: Mark Nolan <Mark.Nolan@virginmedia.ie>
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: Proposed Windfarm Repowering Development Crumhach Co Sligo

You don't often get email from bnithuathail@mkoireland.ie. [Learn why this is important](#)

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

Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all Virgin Media links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

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From: [Robert Power, Vodafone \(External\)](#)
Sent: Friday 10 May 2024 15:22
To: Brodie Ní Thuathail
Cc: [Siobhan Burke, Vodafone](#); [Sean Lyons, Vodafone](#); [Gavin Byrne, Vodafone](#)
Subject: RE: Proposed Windfarm Repowering Development Crumhach Co Sligo

You don't often get email from robert.power1@vodafone.com. [Learn why this is important](#)

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Hi Brodie,

There are two Vodafone links passing through the proposed area. See details below. A clearance of 30m from the first Fresnel zone is desired.

Kind Regards,
Robert



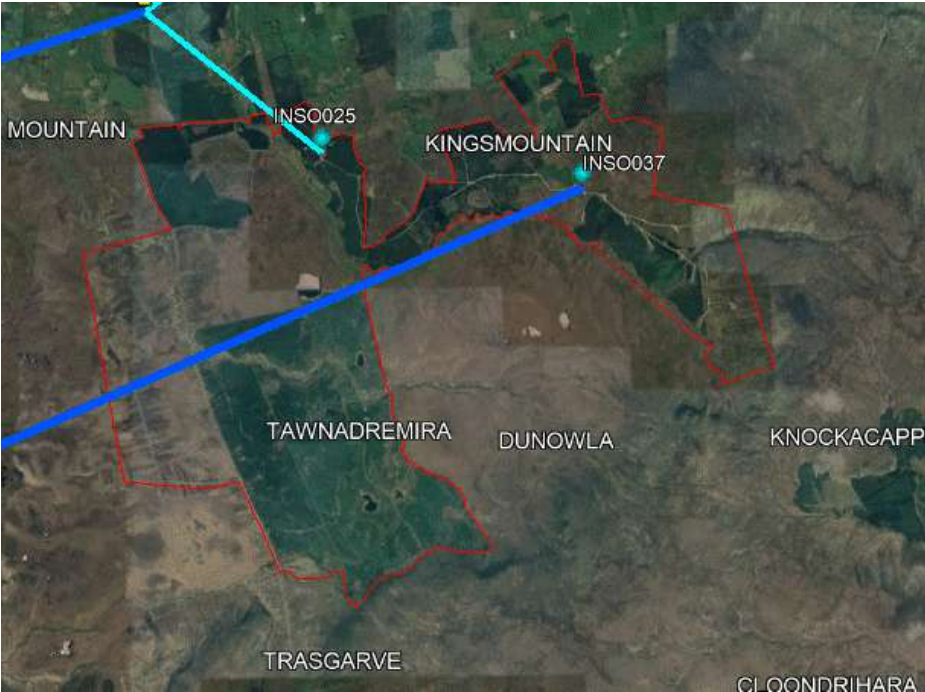
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+353864648455
robert.power1@vodafone.com

Vodafone Ireland Limited, Registered Office:
MountainView, Leopardstown, Dublin 18, Registered in
Ireland: No. 326967

vodafone.ie

The future is exciting.
Ready?

Link Name / ID	Band MHz/GHz	Link Length	Site A			Site B		
			Eastings	Northings	Ant Height	Eastings	Northings	Ant Height
MOBLAINSO037_S0	13 GHz	25.66km	547448	828587	10m	523799	818444	50m
SO056INSO025_S0	26 GHz	2.01km	545141	828925	5m	543577	830198	5m



From: Gavin Byrne, Vodafone <gavin.byrne@vodafone.com>
Sent: Friday 10 May 2024 14:54
To: Robert Power, Vodafone (External) <robert.power1@vodafone.com>
Cc: Siobhan Burke, Vodafone <siobhan.burke1@vodafone.com>; Sean Lyons, Vodafone <sean.lyons1@vodafone.com>
Subject: FW: Proposed Windfarm Repowering Development Crumhach Co Sligo

Hi Rob,

Would you mind taking a look at this windfarm when you get a chance

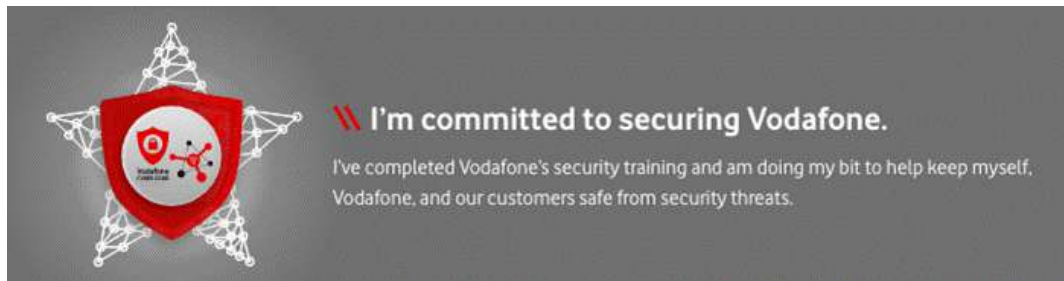


Gavin Byrne
Senior TX Planning & Design Engineer
Converged Transmission
+353 876448159
gavin.byrne@vodafone.com

Vodafone Ireland Limited, Registered Office:
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Ireland: No. 326967

[vodafone.ie](https://www.vodafone.ie)

**The future is exciting.
Ready?**



C2 General

From: Brodie Ní Thuathail <bnithuathail@mkoireland.ie>
Sent: Friday 10 May 2024 10:09
To: Gavin Byrne, Vodafone <gavin.byrne@vodafone.com>
Cc: Brandon Taylor <btaylor@mkoireland.ie>
Subject: Proposed Windfarm Repowering Development Crumhach Co Sligo

You don't often get email from bnithuathail@mkoireland.ie. [Learn why this is important](#)

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Good morning,

We are undertaking constraints mapping for the viability of a wind farm repowering development at Crumhach, Co. Sligo. There are no turbine layouts at this early stage yet.

The centre coordinates for the Crumhach site are 545407 (X, ITM), 828006 (Y, ITM). Please also see the attached the site boundary KML for your convenience.

Could you please provide the start and end point (ITM) of all Vodafone links within 5km of the site, if any? Please also confirm your required setback distance from any potential turbine blade tip and the link.

If you have any queries, please do not hesitate to contact me. Thank you for your time and consideration to this matter.

Kind regards,
Brodie.

Brodie Ní Thuathail
Graduate Environmental Scientist

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