



APPENDIX 2-2

SCOPING RESPONSES

Ciarán Fitzgerald

From: David Broderick <david@hydroenvironmental.ie>
Sent: Friday 18 April 2025 09:17
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: FW: Maughanaclea EIA scoping PN25000016977

Follow Up Flag: Follow up
Flag Status: Flagged

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Hi Ciaran

I made contact with IW re the surface water abstraction at Kealkill.

They did not mention it in their original scoping response and it just wanted to gauge their reaction on it.

See e-mail response below.

Have you had a pre-planning meeting with Cork Co. Co.?

Kind Regards
David Broderick– HES
058-44122 / 086-7843522

From: Emmett Hegarty(C) <emmett.hegarty@water.ie>
Sent: Thursday 17 April 2025 16:33
To: David Broderick <david@hydroenvironmental.ie>
Subject: Maughanaclea EIA scoping PN25000016977

Hi David

Thanks for your response on our EIA scoping observations. You're definitely right as even though it wasn't explicitly stated in my scoping response, there's significant scope for hydrological interaction. I've gone ahead and referred this to our hydrologists for a more detailed assessment, and they've come back with the following comments:

- The majority of the windfarm site is located within the drinking water abstraction catchment for Zone1 Kealkill Water Supply, with the site located 1.3km from the abstraction point in the Owengar River (Owengar (Cork)_10) #
- A small portion of the southern part of the of the windfarm site is located within the drinking water abstraction catchment for zone1 Bantry Cahernacrin, with the site located 8.5km from the Inchilough abstraction point in the MEALAGH_020).
- The cabling route is located within the drinking water abstraction catchment for Zone2 Bandon Regional Water Supply, with the abstraction point located 22km downstream on the Bandon River.

It is not located within any groundwater abstraction catchments.

As noted above, there are 3 no UE surface water receptors that represent a risk with particular reference to the Kealkill Water Supply as the wind farm area covers a significant portion of the drinking water abstraction catchment and given the proximity to the abstraction point. The main risk would be during construction and decommissioning activities, however, if the applicant adopts appropriate mitigation measures, these would eliminate any potential risk.

1. Proximity to Abstraction Points

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The EIAR must include and consider all direct, indirect and cumulative effects of the proposed development on the abstraction points.

2. Stormwater Run Off and Hydrocarbons

The potential impacts arising from run off and hydrocarbon during construction, operational and decommissioning phases should be addressed to include mitigations against contaminants entering groundwater and surface waters via hydrological and hydrogeological pathways.

Thanks again for catching this, the engagement is appreciated, and it's certainly in our interests to flag this stuff early so if there's any queries or points on the above do let me know and we can follow up further.

Emmett Hegarty

Development Management Planning

Uisce Éireann

Teach na hAbhann Duibhe, Mala, Co. Chorcaí, P51 K3CX

M +353 86 066 5250

emmett.hegarty@water.ie

www.water.ie

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Go raibh maith agat as d'aird a thabhairt.

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Thank you for your attention.

Ciarán Fitzgerald

From: Roger Woods <rwoods@bai.ie>
Sent: Wednesday 8 January 2025 10:46
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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

Hi Ciaran

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 phrintáil.

Please consider the environment before printing this email.

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 7 January 2025 14:50
To: Roger Woods <rwoods@bai.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Hi Roger,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

It is envisaged that the proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50 Megawatts (MW) 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.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
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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Ciarán Fitzgerald

From: Environmental Co-ordination (Inbox) <Environmental_Co-ordination@agriculture.gov.ie>
Sent: Wednesday 12 March 2025 11:57
To: Ciarán Fitzgerald
Subject: FW: 240225 - Maughanaclea Renewable Energy Development - Scoping Document
Attachments: Maughanaclea Scoping Document - F1 - 2025.01.06 - 240225.pdf; Department of Agriculture, Food and the Marine - 2025.01.07 - 240225.pdf; Maughanaclea Windfarm Co Cork.pdf

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Good morning,

Please see comments/observations attached

Regards

Environmental Co-ordination Unit

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday, January 7, 2025 3:03 PM
To: Environmental Co-ordination (Inbox) <Environmental_Co-ordination@agriculture.gov.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Graduate 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.



MKO
Tuam Road
Galway
H91VW84

11th March 2025

Re: Maughanaclea Windfarm near Kealkill, Bantry, Dunmanway Co Cork

Dear Sir/Madam,

The following are the comments from this Division in relation to the proposed development:

If the proposed development will involve the felling or removal of any trees, the developer must obtain a Felling License from this Department before trees are felled or removed. A Felling Licence application form can be obtained from the Department's website link here: [gov.ie - Tree Felling Licences \(www.gov.ie\)](http://gov.ie - Tree Felling Licences (www.gov.ie))

A Felling Licence granted by the Minister for Agriculture, Food and the Marine provides authority under the Forestry Act 2014 to fell or otherwise remove a tree or trees and/or to thin a forest for silvicultural reasons. The Act prescribes the functions of the Minister and details the requirements, rights and obligations in relation to felling licences. The principal set of regulations giving further effect to the Forestry Act 2014 are the Forestry Regulations 2017 (S.I. No. 191 of 2017).

The developer should take note of the contents of **Felling and Reforestation Policy** document which provide a consolidated source of information on the legal and regulatory framework relating to tree felling; [gov.ie - Tree Felling Licences \(www.gov.ie\)](http://gov.ie - Tree Felling Licences (www.gov.ie)) As this development is within forest lands, particular attention should be paid to deforestation, turbulence felling and the requirement to afforest alternative lands.

In order to ensure regulated forestry operations in Ireland accord with the principles of sustainable forest management (SFM), as well fulfilling the requirements of other relevant environmental protection laws, the Department (acting through its Forest Service division) must undertake particular consultations, and give certain matters full consideration during the assessment of individual Felling Licence applications. This includes consultation with relevant bodies, the application of various protocols and procedures (e.g. Forest Service Appropriate Assessment Procedure), and the requirement for applicants on occasion to provide further information (e.g. a Natura Impact Statement).

Consequently, when the Forest Service is considering an application to fell trees, the following applies:

1. The interaction of these proposed works with the environment locally and more widely, in addition to potential direct and indirect impacts on designated sites and water, is assessed. Consultation with relevant environmental and planning authorities may be required where specific sensitivities arise (e.g. local authorities, National Parks & Wildlife Service, Inland Fisheries Ireland, and the National Monuments Service);



2. Where a tree Felling Licence application is received, the Department will publish a notice of the application before making a decision on the matter. The notice shall state that any person may make a submission to the Department within 30 days from the date of the notice. The notices are published online at: [gov.ie](http://www.gov.ie) - [Felling Licence Applications \(www.gov.ie\)](http://www.gov.ie)
3. Third parties that make a submission or observation will be informed of the decision to grant or refuse the licence, and on request, details of the conditions attached to the licence, the main reasons and considerations on which the decision to grant or refuse the licence was based, and where conditions are attached to any licence, the reasons for the conditions. Both third parties and applicants will be also informed of their right to appeal any decision within 14 days to the Forestry Appeals Committee. Felling Licence decision are published on the Departments Forestry Licence Viewer (9FLV) link here: [Forestry Licence Viewer \(agriculture.gov.ie\)](http://agriculture.gov.ie)

It is important to note that when applying to a **Local Authority**, or **An Bord Pleanála**, for planning permission where developments are:

- a) subject to an EIA procedure (including screening in the case of a sub-threshold development) and any resulting requirement to produce an EIAR; and/or
- b) subject to an Appropriate Assessment procedure (including screening) and any resulting requirement to a Natura Impact Statement (NIS); and
- c) the proposed development in its construction or operational phases, or any works ancillary thereto, would directly or indirectly involve the felling and replanting of trees, deforestation for the purposes of conversion to another type of land use, or replacement of broadleaf high forest by conifer species,
 1. that there is a requirement inter alia under the EIA Directive for an overall assessment of the effects of the project or the alteration thereof on the environment to be undertaken, including the direct and indirect environmental impact of the project;

and

2. pursuant to Article 2(3) of the EIA Directive, the Department of Agriculture, Food and the Marine strongly recommends that, notwithstanding the fact that a parallel consent in the form of felling licence may also have to be applied for, any EIAR and/or NIS produced in connection with the application for planning permission to the Local Planning Authority or An Bord Pleanála, should include an assessment of the impact of and measures, as appropriate, to prevent, mitigate or compensate for any significant adverse effects direct or indirect identified on the environment arising from such felling and replanting of trees, deforestation for the purposes of conversion to another type of land use, or replacement of broadleaf high forest by conifer species.
3. Please note that there must be absolute spatial consistency between the felling licence areas submitted to DAFM (second authority) and all related planning documents submitted to the first authority in respect of the felling area(s)

Neil O'Brien
Higher Executive Officer
Felling Section



Ciarán Fitzgerald

From: Defence Property Management Planning
<PropertyManagementPlanning@defence.ie>
Sent: Wednesday 8 January 2025 10:25
To: Ciarán Fitzgerald
Cc: Robert Kennedy; Defence Property Management Planning
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Dear Mr. Fitzgerald,

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

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

Kind Regards

Phil

Philomena Evans

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 452224

E-mail philomena.evans@defence.ie

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 7 January 2025 15:06
To: Defence Property Management Planning <PropertyManagementPlanning@defence.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located

approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

It is envisaged that the proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50 Megawatts (MW) 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.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
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Ciarán Fitzgerald

From: Defence Property Management Planning
<PropertyManagementPlanning@defence.ie>
Sent: Monday 20 January 2025 12:40
To: Ciarán Fitzgerald
Cc: Philomena Evans (Defence); Robert Kennedy
Subject: FW: 240225 - Maughanaclea Renewable Energy Development - Scoping Document
Attachments: 2025-01-20 Response to MKO - Maughanaclea Renewable Energy Development.pdf

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

Dear Mr. Fitzgerald,

In response to your e-mail request below, please see the attached response from the Department of Defence.

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: Defence Property Management Planning <PropertyManagementPlanning@defence.ie>
Sent: Wednesday 8 January 2025 10:25
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>; Defence Property Management Planning <PropertyManagementPlanning@defence.ie>
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Phil

Philomena Evans

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 452224

E-mail philomena.evans@defence.ie

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>

Sent: Tuesday 7 January 2025 15:06

To: Defence Property Management Planning <PropertyManagementPlanning@defence.ie>

Cc: Robert Kennedy <rkennedy@mkoireland.ie>

Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO

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Mr. Ciarán Fitzgerald
MKO
Tuam Road
Galway
H91 VW84

20 January 2025

Re: Maughanaclea Renewable Energy Development

Without Prejudice

Dear Mr. Fitzgerald,

I refer to your e-mail, dated 08 January 2025, in relation to the proposed Maughanaclea Renewable Energy Development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

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 observations are made on a non-prejudicial basis, and are not intended to be used to rely on for a prospective planning application, nor are these observations to be relied on in the event of any commercial transaction pertaining to such lands and they are 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.

Having consulted with the Military authorities, the Department of Defence wishes to make the following observations:

1. The Minister for Defence is responsible for the regulation of military aviation, whereas the Irish Aviation Authority (IAA) is responsible for the safety regulation of civil aviation including aerodromes. The IAA does not have remit for military aviation or installations. Safeguarding of military flight operations and installations is intended to protect both current and future aircraft operations and also to take account of the security requirements associated with some of those operations.



2. 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.
3. Any Irish Air Corps (IAC) requirements for are separate to Irish Aviation Authority (IAA) requirements.

Nothing in the above observations 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.

We would appreciate if you could keep us informed on any progress relating to this proposed development, in particular if this development was to progress to the planning stage.

Please contact me if you have any queries in this regard.

Best regards
Don



Ref: G Pre Planning-CK-Maughanaclea

07 April 2025

MKO
Tuam Road
Galway
H91 VW84

Development: wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway

A Chara,

I refer to correspondence received in connection with the above.

Outlined below are heritage-related observations/recommendations of the Department co-ordinated by the Development Applications Unit under the stated heading:

Nature Conservation

These observations are intended to assist you in relation to identifying potential impacts on European sites, other nature conservation sites, and biodiversity and environmental protection in general, in the context of the current proposal. Data collected and surveys carried out in connection with this proposed development may raise other issues that have not been considered here. The observations are not exhaustive and are made without prejudice to any recommendation that may be made by this Department in the future.

All aspects of wind farm project, including both the overall turbine and grid connection proposals, need to be assessed together in terms of both EIA/EIS and NIS/AA process to avoid project splitting aspects of the project within the assessment process.

The European Commission has indicated its concerns in relation to compliance of Irish practice in the area of wind farm developments and grid connections with the EIA Directive, as well as the Habitats Directives, which resulted in the Commission opening an EU Pilot Infringement case (8398/16/ENVI) on this matter.

This is also important within the in combination effects and cumulative impacts sections of the assessments regarding the potential effects of the wind farm project. When carried out by the competent authority, the appropriate assessment cannot have lacunae and must contain complete, precise and definitive findings and conclusions capable of removing all reasonable scientific doubt as to the effects of the project on European sites.

The Department notes that the location map provided includes area of peatland. Assessment should include an assessment of the loss of underlying peat within the development site as



a cumulative loss of peat overall and should be assessed in terms of a carbon benefit analysis versus restoration to peatland habitats (see also in project components section below).

The proposed Wind Farm application area is hydrologically linked to the Bandon River SAC 2171 via tributaries and appears also at the eastern end of the application to be partly within the SAC.

White-tailed sea-eagle

The proposed wind-farm is within the range of the recently re-introduced white-tailed sea eagle, a species listed in Annex I of the EU Birds Directive (Council Directive 2009/147/EC). This species, which became extinct in Ireland over one hundred years ago, is now establishing itself in the wild after two phases of a reintroduction programme which released birds from Norway. This species is particularly susceptible to collision with wind turbine blades. In Norway, 39 white-tailed eagle deaths were recorded from such collisions at one large wind-farm (Smøla) between 2005-2010¹. Four deaths due to wind turbine collisions had been recorded in Ireland, representing 10% of total mortality between 2007 and 2014². Three fatalities were to the north of this proposed development (three at Sillahertane and Lettercannon-Coomagearlahy area wind-farms) with another more recently at a windfarm in the Knocknamork area (October 2022³). Eagles, when soaring, may even be slightly attracted to fly within the rotor-swept zone of turbines⁴, “possibly induced by the extra wind energy created by the turbulence”⁵.

Collision and mortality risk must be fully assessed for the project and it should be borne in mind that assessment cannot have lacunae and must contain complete, precise and definitive findings and conclusions capable of removing all reasonable scientific doubt. Dahl et al (2013) conclude, regarding management implications, that their results suggest that it will be difficult to employ mitigation measures to decrease the white-tailed eagle collision hazard. They therefore emphasize the importance of conducting thorough pre-construction

¹ Dahl, E.L., Bevanger, K., Nygørd, T., Røskaft, E. and Stokke, E.C. (2011) Reduced breeding success in white-tailed eagles at Smøla windfarm, western Norway, is caused by mortality and displacement. *Biological Conservation* **145**: 79-85.

² Mee, A. (2014) Irish white-tailed sea eagle reintroduction programme report 2014. Golden Eagle Trust / Department of Arts, Heritage & the Gaeltacht / Norwegian Institute for Nature Research. http://www.norway.ie/PageFiles/747152/Irish%20WTSE%20report_2014.pdf ; see also ‘Rare sea eagle killed by wind turbine’, *Irish Times*, 4 April 2011.

³ NPWS unpublished data.

⁴ Dahl, E.L., May, R., Hoel, P.L., Bevanger, K., Pedersen, H.C., Røskaft, E. and Stokke, B.G. (2013) White-tailed eagles (*Haliaeetus albicilla*) at the Smøla wind-power plant, Central Norway, lack behavioural flight responses to wind turbines. *Wildlife Society Bulletin* **37**: 66-74.

⁵ Nygørd, T., Bevanger, K., Dahl, E.L., Flagsted, Ø., Follestad, A., Hoel, P.H., May, R. and Reitan, O. (2010) A study of white-tailed eagle movements and mortality at a wind farm in Norway. <http://www.bou.org.uk/bouproc-net/ccb/nygard-et-al.pdf>



studies to identify wind-power plant locations with low densities of species vulnerable to collision.

The reintroduction programme is now at a very critical phase, where the production of sufficient wild-bred eagles over the next few years will determine the survival of the population, and success of the project. Studies of reintroduced and recolonizing white-tailed eagles have emphasised the importance of controlling mortality in this current early stage of the reintroduction programme:

“Differences in demographic rates of wild-bred and released birds suggest that in future re-introduction programmes steps to maximise the success and output of the earliest breeding attempts would help ensure the most rapid shift to a population composed largely of wild-bred birds, which should then have a higher rate of increase.”⁶

In terms of increasing the risk of collision the siting of turbines on locations on ridges above valleys where eagles are likely to use rising air currents to obtain ‘orographic lift’ to gain altitude⁷ would be an additional potential concern. It is not clear if turbine siting will be proposed in an area of higher ‘orographic lift’. It should be assessed as part of the overall assessment whether models, such as that in Hanssen et al. (2020), are applicable at this wind-farm in detecting microsite susceptibility to generating ‘orographic lift’ which may attract eagles into the rotor-swept zones of these turbines.

Consideration should be given to the effect of the availability of sheep carcasses.

Existing and proposed adjacent windfarms could add to the cumulative risk of collision and narrow a potential corridor of flight activity (directional flight, social behaviour, and soaring). This factor should also be considered during the collision and mortality risk assessment for the project.

Project components

In general, the EIAR should include sufficient project details so that the full nature and extent of the likely significant effects are clear and assessed fully in relation to, among other things, road design and construction methodology; site drainage details, including settlement ponds; temporary and permanent storage or disposal areas for peat and other materials or wastes arising; extraction sites/borrow pits; and any modifications to roads, bridges or culverts along the entire length of haul routes. Volumes of surplus material arising and of fill required should be calculated. Full assessment should also take place within the EIAR and NIS of the grid connection.

⁶ Evans, R.J., Wilson, J.D., Amar, A., Douse, A., MacLennan, A., Ratcliffe, N. and Whitfield, D.P. (2009) Growth and demography of a re-introduced population of white-tailed eagles *Haliaeetus albicilla*. *Ibis* **151**: 244-254.

⁷ Hanssen, F., May, R. and Nygård, T. (2020) High-resolution modelling of uplift landscapes can inform micro-siting of wind turbines for soaring raptors. *Environmental Management* **66**: 319-332.



The EIAR should give specific consideration to the mobilisation of silt and changes to the stability of soil. The proposed windfarm has the potential for significant changes in patterns of surface water flow and may desiccate underlying soils allowing pathways to open up resulting in subsurface water losses.

There are concerns regarding the potential loss and/or degradation of dry heath, blanket bog and other peatland habitats arising from the overall wind farm proposal. A number of areas of Annex I habitat under the EU Habitats Directive occur within the project area. As well as the for annexed habitat types outlined in the report other extra potential annexed habitat types such as molinia meadows on calcareous, peaty or clayey-silt-laden soils (*Molinion caeruleae*) (6410), Oligotrophic waters containing very few minerals of sandy plains (*Littorelletalia uniflorae*) [3110], Oligotrophic to mesotrophic standing waters with vegetation of the *Littorelletea uniflorae* and/or *Isoeto-Nanojuncetea* [3130], Water courses of plain to montane levels with the *Ranunculion fluitantis* and *Callitriche-Batrachion* vegetation [3260], Siliceous rocky slopes with chasmophytic vegetation (8220) etc. occur in the area. The Department has reporting obligations under Article 17 of the Directive to the European Commission on details of losses and degradation of annexed habitats. Therefore the habitats on site should be assessed regarding classification and correspondence with the above and other annex habitat types (see below also). It should be noted that potential annexed habitat may have been missed in the Lough Nabirree area, in the Ballynamought area, in two location near Coomclogh (at the north eastern side of the site) etc. Effects on peatland habitats from the wind farm project on these habitats could arise from the following project works and details

- location of Wind Turbines, Foundations and Hardstand areas.
- Location of On-site access roads.
- On-site interconnecting electrical cabling location.
- Substation location on the wind farm site.
- Construction compound location.
- Meteorological mast location.
- Location of Borrow Pits and spoil management areas.
- Turbine component haulage route
- Replacement land location for felled forestry
- Grid connection and underground cable route

Potential negative effects on peatland habitats could arise through direct excavation of peatland habitat, drainage effects on adjacent/nearby peatland habitat, habitat fragmentation, exposure of underlying peat, increased risk of erosion, opening up of areas of the habitats to new or increased exploitation or disturbance through the provision of new and upgraded roads, peat slippage, landscaping, side casting, drain installation, excavate storage, sediment disposal etc.



Detailed consideration should be given to the potential amount of peat / soil excavated, stored, and disposed/recovered. A detailed plan for the safe storage, disposal and rehabilitation of excavated or disturbed peat /soil would have to form part of the EIAR. The spreading or recovery of excavated peat/soil on areas of intact bog, wet and revegetated areas of cutover bog or other habitats or vegetation of ecological value is unlikely to be acceptable. Excavated or exposed peat / soil should not pose any threat to surface waters and water quality.

A detailed site drainage map would be required and should show all existing watercourses, drainage ditches, flushes, lakes or ponds; new drainage ditches; all outfall points to watercourses or lakes; and all settlement ponds. The EIAR would have to demonstrate that the proposed development will not pose any threat to surface waters and associated species. Any impact on water table levels or groundwater flows may impact on wetland sites some distance away. The EIAR should assess cumulative impacts with other plans or projects, if applicable. Where negative impacts are identified suitable mitigation measures should be detailed as appropriate.

The associated impacts of quarrying or extraction should be included among the considerations at the earliest stages of project planning and design, and should be assessed fully in the EIAR. Reinstatement or restoration plans would be required for any quarries or borrow pits on-site and should be included in the EIAR. As with any other part of the development, all borrow pits (existing or proposed) to be used in construction would have to be included within the application area for the proposed development.

Any tree felling of forested sites should be included as an intrinsic element of the overall development, the impacts and implications of which should be assessed fully in the EIAR. The extent of tree felling should be mapped, and the future use and management of all cleared areas should be specified. The impacts of tree felling on wildlife, habitats and surface waters (e.g. water quality) should be assessed fully, including the risk of Phosphate mobilisation from peat soils as a result of tree clearance and ground disturbance.

Tree felling is licensed and regulated by the Forest Service; any additional requirements in respect of this element of the proposed development, including any obligations to replant on other lands, should be made known at the planning application stage, and impacts on these other lands fully assessed as part of the EIAR. If restoration of planted areas is proposed as mitigation or compensation for negative ecological effects, the EIAR should include a detailed plan to show the location, nature and area of habitat to be reinstated, and provide details of how such areas will be reinstated, managed and improved for habitats and/or species, together with proposals for monitoring and reporting. This plan should be prepared by a suitably qualified ecologist in consultation with other experts as appropriate and in terms of being adequate as mitigation/compensation there should be no reasonable scientific doubt as to the adequacy and effectiveness of any such proposal.



The likely impacts of grid connection, particularly for birds, sensitive habitats and surface waters, should be given full consideration at the EIA stage.

Any improvement or reinforcement works required for access and transport anywhere along the proposed haul route(s) should be included in the EIAR and subjected to ecological impact assessment with the inclusion of mitigation measures, as appropriate.

Any losses of biodiversity habitat associated with this proposed development (including access roads and cabling etc.) such as woodland, scrub, hedgerows, peatland and other habitats should be mitigated for. It should be noted that all the aforementioned habitats do actually occur along the apparent proposed grid connection route. In addition, Annex I habitats which occur outside the Natura 2000 network are important in terms of biodiversity conservation. The presence of the Annex I habitats outside the network should be given due consideration as part of the consideration of biodiversity matters generally for the proposed development. The loss of Annex I habitats outside SACs should be avoided. It should be noted in this regard that the site contains potential annexed habitat such as the peatland types listed above and in addition assessments of potential effects on the Lakes should also evaluate their potential EU Annex I habitat status. A lot of other habitats with a relatively high biodiversity value occur at the proposed project site. For example semi-natural grasslands, hedgerows, native broadleaved woodland and scrub, mixed forest, areas of in check forestry dominated by heath vegetation, rocky outcrops etc. The National Biodiversity Action Plan aims to conserve and restore Ireland's biodiversity. Accordingly, the EIAR should outline how this project would avoid a net loss of biodiversity and include relevant mitigation and or compensatory measures where necessary. Hedgerows and scrub should be maintained where possible, as they form wildlife corridors and provide areas for birds to nest in. Hedgerows provide a habitat for woodland flora, roosting places for bats and Badger setts may also be present. The EIAR should provide an estimate of the length/area of any hedgerow/scrub that will be removed (including for grid connection or road access/widening). Where it is proposed that trees or hedgerows will be removed there should be suitable planting of native species in mitigation incorporated into the EIAR. Hedgerows, trees, scrub and uncultivated vegetation (including semi-natural habitats) should not be removed during the nesting season (i.e. March 1st to August 31st), noting the protection afforded under the Wildlife Act 1976-2018.

You are advised that no disturbing or damaging site or ground investigations, or testing, should take place in an ecological site in advance of the main project consent without due consideration of the need for planning permission (for exempted development where there are restrictions on exemptions), or another consent.

Ecological Data and Surveys



The Department also highlights that along with the standard NPWS data requests which is recommended, other sources of habitat and species information beyond those already identified include (but are not be limited to): the National Biodiversity Data Centre (www.biodiversityireland.ie), Inland Fisheries Ireland (www.fisheriesireland.ie), Birdwatch Ireland (www.birdwatchireland.ie), Irish Raptor Study Group, Golden Eagle Trust and Bat Conservation Ireland (www.batconservationireland.org). Some guidance and reference documents are provided in the Appendix to this letter.

It is expected by this Department that best practice will be adhered to with regard to survey methodology and if necessary non Irish methodology adapted for the Irish situation, noting specific gaps in relation to species and age of the data outlined in some guidance documents. The EIAR should cover the whole project, including construction, operation, grid connection and, if applicable, restoration or decommissioning phases. Alternatives examined should also be included in the EIAR. Inland Fisheries Ireland should be consulted with regard to fish species. For information on Geological and Geomorphological sites, the Geological Survey of Ireland, should be consulted.

Where ex-situ impacts are possible, survey work may be required, outside of the development sites. Such surveys should be carried out by suitably qualified persons at an appropriate time of the year, depending on the species being surveyed for. The EIAR should include the results of the surveys and detail the survey methodology and timing of such surveys including consistency in terms of timed vantage point surveys.

Ornithology

Surveys for all species should cover bird usage and facilitate assessment of potential collision risk, habitat loss, barrier effect and displacement for these species and should be based around the daily and seasonal activity patterns of the species being surveyed. Survey work should be up to date, cover year-round site use and should cover a minimum of two years to allow for an accurate determination of site usage. Specific Target species for this site include Annex I (Birds Directive) species such as White Tailed Sea Eagle, Hen Harrier, Merlin, Golden Plover, Kingfisher, Chough, Short Eared Owl and Peregrine Falcon (all known to occur in the area), and red listed Birds of Conservation Concern (BoCCI) such as kestrel, snipe, woodcock, meadow pipit and red grouse. Suitable habitat for the amber listed species Skylark occurs on site as well as for Dipper. Hinterland surveys should include breeding raptor surveys, including roost watches, surveys for nocturnal species (surveys for woodcock and golden plover would be required due to their potential presence) and other species-specific surveys as appropriate. Many of these species have displacement/avoidance concerns regarding turbines. For example studies have highlighted turbine avoidance by wintering golden plover over distances of 50–850 m with an average of 175m (but with turbine height positively correlated with displacement distance). Thus as well as direct habitat loss there is a far larger habitat loss to the species through displacement. Dedicated surveys such as Red Grouse surveys where appropriate habitat occurs are recommended to fully potential



impacts on the species. Acoustic surveys for nocturnal migratory species is recommended at the appropriate times of year (Autumn and Spring migratory periods) to fully understand flight path activity in the area. Of the Target species Kestrel, Red Grouse etc. (for example) are known to have a high collision risk at windfarm projects whilst displacement effects on Hen Harrier, Snipe etc. (for example) are known to be an issue also. As well as direct habitat loss there is a far larger potential habitat loss to species through displacement and this has not been mentioned in the Scoping Report but must be fully assessed.

Potential significant effects on the aforementioned target species requiring assessment include collision effects, displacement effects, barrier effects, direct and indirect habitat loss and degradation, in combination effects, cumulative impact effects etc. In combination effects and cumulative impacts assessments must include those arising from the other wind farms in the population areas (as well as from the nearby windfarms), with data required in terms of best scientific evidence of, for example, the area of displacement/foraging loss through these developments (or others). It should be noted that this point is also applicable in terms of semi-natural habitat loss. Regarding collision assessments and modelling it will be very important to note and take account of the fact that a County Tipperary study showed scavengers were present at a bird corpse within 45 minutes of it being placed in the vicinity of a wind turbine and that 72% of corpses were gone after 5 days.

Vantage point surveys should be done in a manner that ensures sufficient data is collected to allow an assessment of the importance of all the flight paths into, out of and between sites and assess migratory movements. Consequently, the Department recommends that a visibility analysis of topography and vegetation is used in the selection of vantage points for ornithological surveys. Technological solutions should also be considered in conjunction with VPs surveys to ensure sufficient data is compiled for assessment. It is very important to note also that there's evidence now that VP's miss flight lines more than 1km away.

https://cieem.net/beyond-the-100-36-standard-an-evidence-based-review-of-wind-energy-ornithological-guidance-by-tom-gittings-mcieem/?utm_source=GDPR+CIEEM+List&utm_campaign=60dbff9689-CIEEM+eNews+19.03.2419%2F3%2F24+11%3A42+AM&utm_medium=email&utm_term=0_6b23f028b5-60dbff9689-148746105

Approximately 120 Whooper Swans frequent the Bandon River Valley area every year between October and April. Survey methodologies should take into account migratory flight paths of this species which occur in the Spring and Autumn period to identify any collision risk to this species. Nocturnal surveys employing acoustic monitoring should be used to help identify migratory flight path activity levels for the Whooper Swan and other relevant species to inform collision risk from the proposed development.

Cumulative and in combination effects on bird species.

Due to other windfarm projects currently being developed (or already operational) in the area it will be of vital importance to assess their overall combined cumulative impact and in



combination effect. For example results for species need to be referenced back to the overall populations and their dynamics as, in some cases even a small risk to a population of a species could be considered significant in view especially of other pressures/developments. When completing impact assessment for birds, assessment and monitoring results from nearby windfarm developments must be considered. Cumulative impact on birds from all windfarms in the area needs to be assessed and the data from surrounding sites needs to be considered in the assessment. Data would be required in terms of best scientific evidence of the area of displacement/foraging habitat loss through these developments (or others) in terms of overall habitat availability for the relevant species. In combination effects and cumulative impacts assessments must include data in terms of best scientific evidence of, for example, the area of displacement/foraging loss through developments. It should be noted that this point is also applicable in terms of semi-natural habitat loss. For the Annex I bird species under the EU Birds Directive Article 4(4) of that Directive requires Member States to strive to avoid deterioration of habitats outside Special Protection Areas (SPAs). The Department highlights and emphasises that specific calculations of area of available habitat in the overall area would be required for some species. A quantitative measurement of the availability of habitat in the wider surroundings is required when considering cumulative loss of a specie's habitat as a consequence of other developments. It should also be noted that as individual EIAR's for other windfarm projects in the area often based their conclusions on the basis of similar habitats being available in the wider area these conclusions would no longer be valid/up to date (regardless of whether they were correct at the time) due to the subsequent loss of such 'similar habitats' due to subsequent windfarm developments etc. It should be noted that the above points regarding cumulative and in combination assessments and data requirements are relevant for many of the other aforementioned specific target species.

Marsh Fritillary

The wider area is known to support the Annex II EU protected Butterfly Marsh Fritillary *Euphydryas aurinia*. The proposed development lies in an area which supports semi-natural grassland, Dry Heath, Wet Heath and Blanket bog habitat. There is potential for the occurrence of Marsh Fritillary within the zone of impact of the proposed development. In this regard surveys for Marsh Fritillary in accordance with best practice (adult and larval web surveys) at the appropriate times of the year are recommended by an invertebrate ecologist with the appropriate experience in Marsh Fritillary surveying. Any records for Marsh Fritillary are to be mapped and the potential impacts of the proposed development described, mitigation by avoidance of Marsh Fritillary populations is considered the favoured approach in line with the Mitigation Hierarchy and to ensure no net loss of biodiversity is incurred as a result of the proposed development.

Botanical and Bryophyte survey



The area has potential to support botanically sensitive habitats such as Blanket Bog, Wet Heath, Dry heath, Semi-natural grasslands, Eroding Upland Streams/Rivers etc. which may contain species of botanical interest. In this regard a thorough botanical survey including Bryophyte survey is to be carried out by appropriately qualified and experienced Botanists with Bryophyte identification skills at the appropriate times of the year.

EU Biodiversity Strategy

The EU Biodiversity strategy 2020⁸ which was subsequently built upon by the EU Biodiversity Strategy 2030 aimed to halt and reverse the loss of biodiversity and ecosystem services. Among its targets and actions was Target 2, Action 7: **Ensure no net loss of biodiversity and ecosystem services (NNL)**. A Guidance document entitled “Guidance on achieving no net loss or net gain of biodiversity and ecosystem services”⁹ has been published to support EU 2030 Biodiversity Strategy’s objective of putting EU biodiversity on the track to recovery for the benefit of people, climate and the planet by 2030. In particular, this guidance document aims to identify key principles and best practices involved in addressing negative impacts of human activities on biodiversity and ecosystem services (BES) in order to achieve no net loss (NNL), or, more preferably, a net gain in BES. In this guidance the mitigation hierarchy is outlined as follows;

Avoidance: measures taken to avoid creating detrimental impacts from the outset, such as careful spatial or temporal placement of elements of infrastructure, in order to completely avoid impacts on certain components of biodiversity.

Minimisation: measures taken to reduce the duration, intensity and/or extent of detrimental impacts (including direct, indirect and cumulative impacts, as appropriate) that cannot be completely avoided, as far as is practically feasible.

Rehabilitation/restoration: measures taken to rehabilitate degraded ecosystems or restore cleared ecosystems following exposure to impacts that cannot be completely avoided and/or minimised.

Offset: measures taken to compensate for any residual significant, adverse impacts that cannot be avoided, minimised (and/or in some cases) rehabilitated or restored, in order to achieve at least NNL of BES. In other words, emphasis should be given to avoidance of significant adverse impacts at source as the first objective (as well as seeking opportunities to enhance BES). When this is insufficient, it should be followed by measures to reduce or minimise unavoidable impacts. It is only when all the previous appropriate measures of the mitigation hierarchy remain insufficient to avoid negative BES impacts that biodiversity offsetting should be used.

⁸ Communication on our life insurance, our natural capital: an EU biodiversity strategy to 2020, COM(2011) 244 final.

⁹ Tucker, G.M., Quéfier, F. & Wende, W. (2020) Guidance on achieving no net loss or net gain of biodiversity and ecosystem services. Report to the European Commission, DG Environment on Contract ENV.B.2/SER/2016/0018, Institute for European Environmental Policy, Brussels.



In the context of the aforementioned policies and best practice guidance on EU Biodiversity Strategies, no net loss of biodiversity and mitigation by avoidance in line with the mitigation hierarchy should be implemented as part of the project design for the proposed development.

Bats

Bat roosts may be present in trees, buildings and bridges. Bat species are protected under the Wildlife Act, 1976 to 2018, and are subject to a regime of strict protection pursuant to the requirements of the Habitats Directive (92/43/EEC) as transposed in Irish law in Regulation 51 of the European Communities (Birds and Natural Habitats) Regulations, 2011 (as amended). Therefore, damage/disturbance to any such roosts must be avoided in the first instance. While the Minister may grant a derogation licence under Regulation 54 of the European Communities (Birds and Natural Habitats) Regulations 2011-2015, a licence can only be granted once a number of strict criteria have been met (see Regulation 54). An assessment of the impact of the proposed wind farm on bat species should be carried out noting recent guidance available, “*Bat and Onshore Wind Turbines: Survey, Assessment and Mitigation, 2019*” published jointly by Scottish Natural Heritage and Bat Conservation Trust and other stakeholders. To take just one bat species of the many that occur in the area records exist in the Dunmanway area for the Annex II & IV protected Lesser Horse shoe bat species (*Rhinolophus hipposideros*) (bat survey methodology should take into account surveys for summer and winter Lesser Horse Shoe bat roost sites and be included in the assessment of the proposed development). Any proposed bat friendly lighting should be proven to be effective and follow up-to-date guidance.

Windfarms can have significant effects on bats with regard to 1) Collision mortality, barotrauma and other injuries (Operational Phase Impact), 2) Loss or damage to commuting and foraging habitat, 3) lighting issues and all of these potential issues should be addressed in the EIAR.

Watercourses and wetlands

Wetlands are important areas for biodiversity and ground and surface water quality should be protected during construction and operation of the proposed development. The EIAR should include a detailed assessment of the hydrological impacts on wetlands from the proposed development. Any watercourse or wetland which may be impacted on should be surveyed for the presence of protected species and species listed on Annexes II and IV of the Habitats Directive. For example, these species could include Otter (*Lutra lutra*) which are protected under the Wildlife Acts and listed on Annex II and IV of the Habitats Directive, Salmon (*Salmo salar*), Lamprey (three species in Ireland) listed on Annex II of the Habitats Directive, Frogs (*Rana temporaria*), Dipper and Newts (*Triturus vulgaris*) protected under the Wildlife Acts and Kingfishers (*Alcedo atthis*) protected under the Wildlife Acts and listed on Annex I of the Birds Directive (Council Directive 79/409 EEC). Otters are known to occur in the watercourses of the area. A dedicated survey by appropriately qualified and experienced



ecologists is required to establish holt locations and site usage by Otter to avoid adverse impacts on this species.

Further to potential impacts on the species listed above, for example, one of the main threats identified in the threat response plan for otter is habitat destruction (see https://www.npws.ie/sites/default/files/publications/pdf/2009_Otter_TRP.pdf). A 10m riparian buffer on both banks of a waterway is considered to comprise part of the otter habitat. Therefore any proposed development should be located at least 10m away from a waterway and should consider movements between waterways and waterbodies by otters.

Impact assessment

The impact of the proposed development on the flora/ fauna and habitats present should be assessed with particular regard to:

Natura 2000 sites, i.e.:

- Special Areas of Conservation (SAC) designated under the EC Habitats Directive (Council Directive 92/43/EEC)
 - and Special Protection Areas (SPA) designated under the EC Birds Directive (Council Directive 2009/147 EC),
- Other designated sites, or sites proposed for designation such as,
- Natural Heritage Areas;
 - proposed Natural Heritage Areas;
 - Nature Reserves;
 - Refuges for Fauna or Flora designated under the Wildlife Acts 1976 to 2018;
 - species protected under the Wildlife Acts including protected flora;
- 'Protected species and natural habitats', as defined in the Environmental Liability Directive (2004/35/EC) and European Communities (Environmental Liability) Regulations, 2008 including
- Birds Directive - Annex I species and other regularly occurring migratory species, and their habitats (wherever they occur);
 - Habitats Directive - Annex I habitats, Annex II species and their habitats;
 - Annex IV species and their breeding sites and resting places (wherever they occur);
 - important bird areas such as those identified by Birdlife International, features of the landscape which are of major importance for wild flora and fauna, such as those with a "stepping stone" and ecological corridors function, as referenced in Article 10 of the Habitats Directive;
 - other habitats of ecological value in a national to local context (such as those identified as locally important biodiversity areas within Local Biodiversity Action Plans and County Development Plans);
 - Red data book species;
 - and biodiversity in general.



Construction Management Plans and Mitigation

Complete project details including Construction Management Plans (CMPs) need to be provided in order to allow an adequate EIAR and appropriate assessment to be undertaken. CMPS should contain sufficient detail to avoid any post construction doubt with regard to the implementation of mitigation measures, timings and roles and responsibilities for same. Any mitigation needs to be included in detail and if being relied upon to reach conclusions must be proved to be achievable and likely to be effective in any given scenario it is needed. Proof of effectiveness will be required with examples of where similar techniques have been employed previously.

Applicants need to be able to demonstrate that CMPs and other such plans are adequate, all mitigation is included and effective and supported by scientific information and analysis and that they are feasible within the physical constraints of the site. The positions, locations and sizes of construction infrastructure and mitigation such as settlement ponds, disposal sites and construction compounds may significantly affect European and other designated sites, habitats and species in their own right and could have an effect for example on, drainage, water quality, habitat loss, and disturbance. If these are undetermined at time of the assessment all potential effects of the development on the site are not being considered. Construction work should not be allowed to impact on water quality and measures should be detailed in the EIAR to prevent sediment and/or fuel runoff from getting into watercourses which could adversely impact on aquatic species.

Inland Fisheries Ireland (IFI) should be consulted with regard to impacts on fish species and the applicant may find it useful to consult their publication entitled "Planning for watercourses in the urban environment" (2020) which can be downloaded from their web site.

If applicants are not in a position to state the exact location and details of cable routes at the time of application, then they need to consider the range of options (overhead and underground) that may be used within their assessment. Should the exact height and rotor diameter of the turbines not be known at EIAR stage then the assessment of impacts must be applicable to a variety of turbine heights and rotor diameters which could be used. This should be made clear in the EIAR.

Guidance on the Appropriate Assessment (AA)

As per the above the development site is hydrologically connected to and within the zone of influence of the Bandon River SAC 2171. There are a number of tributary streams draining directly from the projects peatland area alone (excluding grid connection) that discharge downstream to the SAC. These occur in peatland soil within the project area. In addition it appears that an up to 8km length of grid connection is either within or adjacent to the SAC



itself. Water quality effects and issues must be assessed and addressed in terms of the Conservation Objectives of the site. In addition to potential effects on surface water quality during and post construction the Peatland habitat works would be a potential significant effect for example through sedimentation.

Potential adverse impacts on the SAC through water quality effects (such as through sedimentation) should be assessed and it should also be assessed whether or not the project is compatible with the Conservation Objectives (CO's) for each of the SAC Qualifying Interest (QI) habitats and species (including those relating to restoring the favourable conservation condition of the Freshwater Pearl Mussel (FPM)). Regarding the specific assessment of potential sedimentation risks just for FPM alone in the NIS it should be noted that the Conservation Objective (CO) target regarding sediment occurrence is to restore substratum quality to a stable cobble and gravel substrate with very little fine material with no artificially elevated levels of fine sediment. The habitat for the species is currently unsuitable for the recruitment of juveniles owing to sedimentation of the substratum. The Bandon failed the target for the Sub-basin Management Plan, with moderate to heavy sedimentation in the mussel habitat within the SAC (Conservation Services, 2009; NPWS, 2010). Sedimentation of the mussel habitat provides a rooting medium for macrophytes (*Ranunculus*) in the Bandon. Severe, sustained, sedimentation resulted from bank clearance works in 2015. Sufficient survival of juvenile mussels is being prevented by the poor condition of the river substratum. The target is for sufficient habitat in favourable condition to allow the species to maintain itself on a long-term basis as a viable component of the Bandon system. It is relevant for the CO sediment target for the Bandon, in terms of NIS/AA, that cumulative impacts can result from the successive, incremental, and/or combined effects of a development when added to other existing, planned, and/or reasonably anticipated developments. In addition the site is within the Margaritifera Sensitive catchment for Freshwater Pearl Mussel categorised as **Catchments of SAC populations listed in S.I. 296 of 2009 Bandon/Caha Catchment**. A comprehensive assessment of the potential impacts of the proposed development on the Freshwater Pearl Mussel is required including Freshwater Pearl Mussel surveys (as needed) of watercourses within the zone of impact of the development by appropriately qualified, experienced and licenced surveyors. The River Bandon SAC is designated for the following Qualifying interests (QI's);

- Water courses of plain to montane levels with the *Ranunculus fluitans* and *Callitriche-Batrachion* vegetation [3260];
- Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* (*Alno-Padion*, *Alnion incanae*, *Salicion albae*) [91E0];
- *Margaritifera margaritifera* (Freshwater Pearl Mussel) [1029];
- *Lampetra planeri* (Brook Lamprey) [1096].

The project design should take into account the above such as to avoid any significant adverse impacts on the QI's of the SAC.



In addition any potential barrier, disturbance, flight path and collision risks for SPA bird species must be assessed and addressed also.

Appropriate assessment should focus on the likely significant effects of the proposed development and related activities on European sites noting that impacts to sites via air and water may occur over large distances using the source-pathway-receptor model. Details of designated sites and species and conservation objectives can be found on <http://www.npws.ie/>.

Site-specific, as opposed to generic, conservation objectives are now available for many sites. Each conservation objective for a qualifying interest (QI) habitat or species is defined by a list of attributes and targets and is often supported by further documentation. Where these are not available for a site, an examination of the attributes that are used to define site-specific conservation objectives for the same QIs in other sites can be usefully used to ensure the full ecological implications of a proposal for a site's conservation objective and its integrity are assessed. It is advised, as per the notes and guidelines in the site-specific conservation objectives that any reports quoting conservation objectives should give the version number and date, so that it can be ensured and established that the most up-to-date versions including map boundaries¹⁰ are used in the preparation of Natura Impact Statements and in undertaking appropriate assessments.

In addition, the Article 12 and 17 reports under the Birds and Habitats Directives should be referenced <https://www.npws.ie/publications>. The Departmental guidance document on Appropriate Assessment is available on the NPWS website at <https://www.npws.ie/development-consultations> and in EU Commission guidance entitled:

- "Wind energy developments and Natura 2000"¹¹
- "Assessment of plans and projects significantly affecting Natura 2000 sites. Methodological guidance on the provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC"¹²;
- 2018 Commission notice "Managing Natura 2000 sites The provisions of Article 6 of the 'Habitats' Directive 92/43/EEC"¹³ (updated June 2020)

More recent CJEU and Irish case law has clarified some issues and should also be consulted. The NIS should present a robust and reasoned scientific assessment and analysis of the implications of the proposals for the relevant conservation objectives of relevant European sites. Best scientific knowledge in the field should be applied to the understanding of the likely effects, and to the assessment and analysis of the implications of the proposals for the conservation objectives and integrity of the sites. When carried out by the competent

¹⁰ <https://www.npws.ie/maps-and-data/designated-site-data>

¹¹ https://ec.europa.eu/environment/nature/natura2000/management/docs/Wind_farms.pdf

¹² http://ec.europa.eu/environment/nature/natura2000/management/docs/art6/natura_2000_assess_en.pdf

¹³

https://ec.europa.eu/environment/nature/natura2000/management/docs/art6/EN_art_6_guide_jun_2019.pdf



authority, the appropriate assessment cannot have lacunae and must contain complete, precise and definitive findings and conclusions capable of removing all reasonable scientific doubt as to the effects of the project on European sites. General advice on the preparation, content and scope of an NIS is included in Appendix A.

Cumulative and ex situ impacts

Cumulative impact from all windfarms in the area needs to be fully and comprehensively assessed and the data from surrounding sites needs to be considered in the assessment of impacts. Post construction monitoring results and data from nearby windfarms should be considered and their associated EIARs.

Post construction monitoring

This Department recognises the importance of pre and post construction monitoring, such as recommended in Drewitt et al. (2006), and Bat Conservation Ireland (2012). The applicant should not use any proposed post construction monitoring as mitigation to supplement inadequate information in the assessment. Please refer to Circular Letter PD 2/07 and NPWS 1/07 on this issue. This can be downloaded from the Department's website <https://www.npws.ie/development-consultations> .

The EIAR process should identify any pre and post construction monitoring which would have to be carried out. Any post construction monitoring would include bird and bat strikes/fatalities including the impact on any such results of the removal of carcasses by scavengers. Monitoring results should be made available to the competent authority and copied to this Department. An appropriate plan of action would have to be agreed at planning stage with the Planning Authority if the results in future show a significant mortality of birds and/or bat species. It is important to note that unless post decision consultation with NPWS is specifically stated as a condition of planning, NPWS has no post consent role. However, regional staff are available for liaison regarding any associated licencing requirements and or new information arising for specific species of concern.

Licenses

Where there are impacts on protected species and their habitats, resting or breeding places, licenses may be required under the Wildlife Act 1976-2018 or derogations under the EC (Birds and Natural Habitats) Regulations 2011, as amended.

In particular, bats as outlined earlier and otters, are subject to a regime of strict protection pursuant to the requirements of the Habitats Directive (92/43/EEC) as transposed in Irish law in Regulation 51 of the European Communities (Birds and Natural Habitats) Regulations, 2011 (as amended). A copy of Circular Letter NPWS 2/07 entitled "*Guidance on Compliance with Regulation 23 of the Habitats Regulations 1997 – strict protection of certain*



species/applications for derogation licences” can be found on the Departmental web site at www.npws.ie/sites/default/files/general/circular-npws-02-07.pdf. It should be noted that the Regulations of 1997 have since been superseded by the European Communities (Birds and Natural Habitats) Regulations 2011, as amended. Part 6 of those Regulations is now the relevant section dealing with the protection of flora and fauna. Reference to Regulation 23 in the circular letter should be taken to mean Regulation 51 in the current Regulations.

In addition, the EIAR should take account of species protected under sections 21, 22 and 23 of the Wildlife Acts regarding impacts on other protected species or their resting or breeding places, such as on protected plants, frogs, badger setts or birds’ nests and will also need to be cognisant of article 5 (d) of the Birds Directive. For that reason uncultivated vegetation, including hedges and trees, should not be removed during the nesting season (i.e. March 1st to August 31st). Standard badger and other mammal surveys should take place.

In order to apply for any such licenses or derogations as mentioned above the results of a survey should be submitted to the National Parks and Wildlife Service of this Department. Such surveys are to be carried out by appropriately qualified person/s at an appropriate time of the year. Details of survey methodology should be provided. Should this survey work take place well before construction commences, it is recommended that an additional ecological survey of the development site should take place immediately prior to construction to ensure no significant change in the findings of the baseline ecological survey has occurred. As outlined already, if there has been any significant change mitigation, this may require amendment and where a licence has expired, there will be a need for new licence applications for the protected species

Impacts of lighting on-site should also be assessed noting that lighting of turbines and masts can increase collision risk¹⁴.”

You are requested to send any further communications to this Department’s Development Applications Unit (DAU) at referrals@npws.gov.ie, where used, or to the following address:

The Manager
Development Applications Unit (DAU)
Government Offices
Newtown Road
Wexford
Y35 AP90

¹⁴ Douse, A (2020) “The Effect of Aviation Obstruction Lighting on Birds at Wind Turbines, Communication Towers and Other Structures”, NatureScot Information Note. Version 1.1



Is mise, le meas

David O'Connor
Development Applications Unit
Administration

Ciarán Fitzgerald

From: Housing Manager DAU <Manager.DAU@npws.gov.ie>
Sent: Wednesday 8 January 2025 16:48
To: Ciarán Fitzgerald
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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

Hi Ciarán,

I acknowledge receipt of your recent consultation.

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

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

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

Kind regards

David

David O'Connor
Executive Officer

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

Oifigí an Rialtais
Government Offices

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

—
David.oconnor@npws.gov.ie
Manager.DAU@npws.gov.ie

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 7 January 2025 15:09
To: Housing Manager DAU <Manager.DAU@npws.gov.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Hi Malcom,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

It is envisaged that the proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50 Megawatts (MW) 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.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO
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Ciarán Fitzgerald
MKO
Tuam Road,
Galway
H91 VW84

Your Ref: 240225

30th April 2025

Re: EIA Scoping Document; Proposed Maughanaclea Renewable Energy Development, Co. Cork.

Dear Ciarán,

I refer to the above proposed development and associated scoping document. It should be noted that the Department of Transport (DoT) 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 and 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) on potential future development.



- The necessity to have the power in the cables switched off (particularly where structural failures occur due to extreme weather events) 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.

In this regard, please refer to Department of Transport Circular RW 07 of 2025 and the 'Interim Guidance to Road Authorities (placement of Medium or High Voltage electricity assets)' which can be accessed at (<https://www.gov.ie/en/publication/ece06-electricity-transmission-infrastructure-development-roads-sector-engagement-framework-interim-guidance/>). The 'Interim Guidelines' which, as outlined in the Circular, are issued pro tem until the development of any procedures for the planning, regulation, construction and management of Medium or High Voltage cables under public roads by the 'HV Forum' and the conclusion of any outcomes from the Private Wires Consultation undertaken by the Department of Energy, Climate and Communications.

Notwithstanding, in relation to proposed works utilising regional and local road network, as part of the grid connection routing, it is the Department's opinion that the proposed routing must be undertaken in a manner to avoid the potential to impact on future maintenance, improvement and operation of the road network in this area.

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'. Having regard to the measures identified in CAP24 and the information in relation to grid routing included in the subject application, the Department recommends that there is a requirement that the Board establish that the routing proposed represents the 'optimal solution'.



The Department considers 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 to ensure the best performing route and technology option is selected, (ensuring compliance with CAP24). The public road should only be considered following a robust MCA determining the optimal solution including examining the most linear solutions,
- 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,

In terms of detailed design of any cable routing impacting the regional and local road network, without prejudice and in accordance with DoT 'Interim Guidelines', the Department would recommend the following conditions should be applied to any grant of permission that includes the laying of high voltage electricity cable in the road network where that routing is identified as the 'optimal solution':

1. Prior to commencement of development, engagement with the planning authority should discuss and agree the route for the HV Cable(s) to identify/agree the routing 'optimal solution' along with the associated requirements for traffic management, road opening licencing, times of work, reinstatement, positioning of chambers/ joint bays etc.
2. A condition requiring the developer to, at a minimum, comply with all appropriate standards and, inter alia the Guidelines for Managing Openings in Public Roads, 2017 in order to ensure orderly development.
3. Electricity cabling shall be laid off carriageway where feasible.
4. Wherever possible, joint bay structures are best located off the carriageway in verges, open spaces, or adjacent sites; and where they must be under carriageway, joint bay structures will be to accepted design standards.
5. High/medium voltage transmission underground cables should not be sited on or attached to existing roads structures, masonry bridges/ culverts and the like.
6. A condition requiring that the location of the cables would be recorded as exactly as possible, 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.

7. 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.

8. 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.

I hope the above information is of assistance to you.

Yours Sincerely,

Eoin Keehan

Acting Principal Officer

Central Policy, Coordination and Reform

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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.

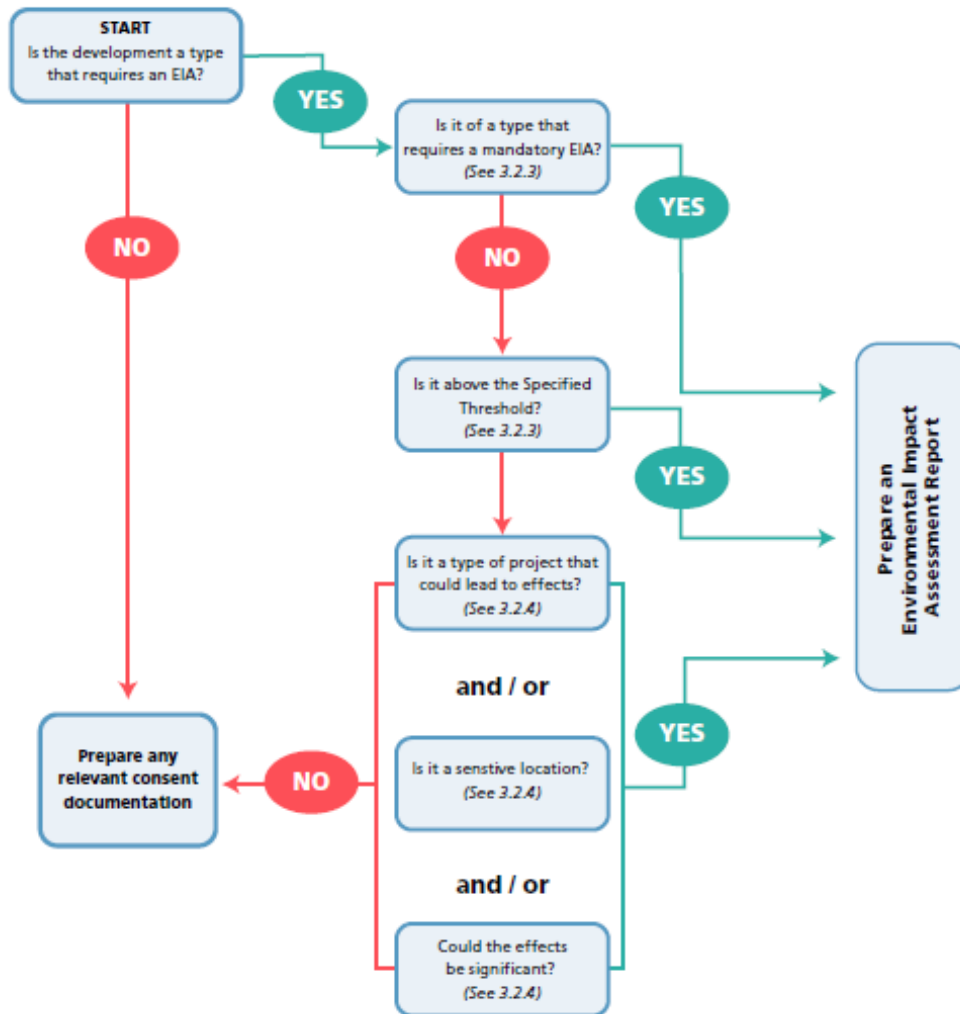
The process of EIA is set out in the EPA EIAR Guidelines, this document should be read in conjunction with and used as supplementary guidance to the EPA EIAR Guidelines. The process for ascertaining whether an EIAR is required is known as ‘screening’ and the process to determine the breadth and scope 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 geoh heritage 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 (RSESs) 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.

Ciarán Fitzgerald

From: planning applications <planning.applications@failteireland.ie>
Sent: Wednesday 22 January 2025 15:04
To: Ciarán Fitzgerald
Subject: Re: 240225 - Maughanaclea Renewable Energy Development - Scoping Document
Attachments: Fáilte Ireland EIAR Guidelines 2023.pdf

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

Hello Ciarán,

Thank you for your email, letter and scoping document regarding the proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

The Irish landscape is one of the primary assets for tourism in the country and has been the cornerstone of international tourism marketing campaigns for decades. This is highlighted in the most recent 'Overseas Holidaymakers Attitudes' survey, that 93% of our overseas visitors want to experience Ireland's unique scenery. The Wild Atlantic Way is the longest defined coastal touring route in the world stretching 2,500km from Kinsale in Cork to Inishowen in Donegal. The Wild Atlantic Way – "Experience one of the wildest, most enchanting and culturally rich coastal touring routes in the world".

The proposed Wind Farm is in close proximity to the Wild Atlantic Way route, while the immediate catchment of the Wild Atlantic Way is the coastal zone, the route itself acts as a calling card to gain the attention of the visitor, and acts as a device to entice people to the west of Ireland. Once there, visitors are encouraged to further explore and engage with tourism experiences and communities in a wider geographical area e.g. Beara Breffini Way, Gougane Barra Forest Park etc. As the proposed Wind Farm is in close proximity to the Wild Atlantic route, tourism should be adequately taken into consideration in the Environmental Impact Assessment.

Please see attached a copy of the updated Fáilte Ireland's Guidelines (2023) 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

Product Development-Environment & Planning Support | Fáilte Ireland

88-95 Amiens Street, Dublin 1, D01 WR86
M +353 (0)86 0357590





From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 7 January 2025 15:11
To: planning applications <planning.applications@failteireland.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

[AIRE] Tháinig an teachtaireacht seo ó lasmuigh de Fáilte Ireland. Bí cúramach le hipearnasc, le ceangaltáin agus le treoracha sa ríomhphost seo.
[ATTENTION] This message originated from outside of Fáilte Ireland. Please treat hyperlinks, attachments and instructions in this email with caution.

Hi Yvonne,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

It is envisaged that the proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50 Megawatts (MW) 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.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
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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Ciarán Fitzgerald
MKO
Tuam Road,
Galway, H91 VW84

22 January 2025

Re: Maughanaclea Renewable Energy Development, Co Cork
Your Ref: 240225
Our Ref: 25/04

Dear Ciarán,

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](#) for data availability.

With reference to your email received on the 07 January 2025, concerning the Maughanaclea Renewable Energy Development, Co Cork, 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 \(gsi.ie\)](#) 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 \(gsi.ie\)](#)], where you will find our data arranged by environmental assessment topic as illustrated below:

<p>Land and soils</p> <p><i>Soil</i></p> <ul style="list-style-type: none"> • Subsoils (Quaternary Geology) • Tellus Geochemistry • Geotechnical <p><i>Geology</i></p> <ul style="list-style-type: none"> • Bedrock • Geophysics • Bedrock & Quaternary 3D 	<p>Water</p> <p><i>Groundwater</i></p> <ul style="list-style-type: none"> • Aquifers GW vulnerability, GWPSs (GWPPs) <p><i>Surface water</i></p> <ul style="list-style-type: none"> • Tellus Geochemistry <p><i>Estuarine & marine waters</i></p> <ul style="list-style-type: none"> • Marine and coastal <p><i>Flooding</i></p> <ul style="list-style-type: none"> • GWClimate • Karst 	<p>Climate Change</p> <p><i>Carbon accounting / Carbon balance</i></p> <ul style="list-style-type: none"> • Geothermal • Carbon capture and storage <p><i>Climate change trends</i></p> <ul style="list-style-type: none"> • National coastal change assessment
<p>Cultural Heritage</p> <p><i>Archaeology</i></p> <ul style="list-style-type: none"> • Cherish <p><i>Underwater Archaeology</i></p> <ul style="list-style-type: none"> • Shipwrecks 	<p>Material Assets</p> <p><i>Built Services</i></p> <ul style="list-style-type: none"> • Natural resources (Minerals & Aggregates) • Active quarries 	<p>The Landscape</p> <p><i>Landscape Appearance & Character</i></p> <ul style="list-style-type: none"> • Physiographic units <p><i>Historical landscapes</i></p> <ul style="list-style-type: none"> • Historic mines
<p>Other Relevant Data</p>		
<p><i>Natural (Geo) hazards</i></p> <ul style="list-style-type: none"> • Landslide Susceptibility Mapping • Groundwater flooding • Coastal vulnerability • Subsidence • Radon 	<p><i>Natural heritage</i></p> <ul style="list-style-type: none"> • Geoheritage (County Geological Sites) • Dimension Stone/Stone Built Ireland 	



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.

Ciarán Fitzgerald

From: DECC Planning Notifications <PlanningNotifications@decc.gov.ie>
Sent: Thursday 23 January 2025 15:36
To: Ciarán Fitzgerald
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document
Attachments: 2025.01.23 GSI Submission.pdf

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

Dear Ciarán

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.

Kind regards,
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: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday, January 7, 2025 3:14 PM
To: DECC GSI Planning <GSIPlanning@GSI.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>; Patricia Smullen (DECC) <Trish.Smullen@gsi.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Hi Trish,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
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WHEN YOU ARE CONNECTED TO THE REQUISITE SERVICE(S)

GIVE THE FOLLOWING INFORMATION

This is: _____ Eircode _____
(Name, Telephone Number and Eircode Address of site)

An incident has occurred at this site - standby for ETHANE message

E	
	Exact location of the incident
T	
	Type of incident, e.g.; fire, explosion, gas leak, etc
H	
	Hazards – current and potential
A	
	Access and Egress – what is the safest approach route for responding emergency services and where is your emergency services meeting point (RVP)
N	
	Number of casualties and their condition – specify adult / children if known
E	
	The emergency services present and required

R.V.P.
No.1

N.B. If you require another emergency service stay on the line and repeat the steps again



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

National Office for Environmental Health
Services

2nd Floor, Oak House, Lime Tree Avenue
Millennium Park, Naas, Co. Kildare

Eircode: W91KDC2

Env.CCNSU@hse.ie

HSE EIA Scoping

National Environmental Health Service Submission Report

Date: 31/01/2025

Our reference: EHIS 4515

Report to: MKO Tuam Road Galway Ireland H91 VW84 info@mkoireland.ie

Type of Consultation: EIA Scoping

Proposed development: Maughanaclea Renewable Energy Development, Co. Cork

Applicant Project ID: 240225



Details of the application were circulated to the following HSE stakeholders on the 8/1/2025:

- HSE South Emergency Management
- National Capital Estates Office – Regional AND
- Director of National Health Protection
- REO South West

General Introduction

The proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is proposed to connect the renewable energy development to the national grid via underground electrical cabling to the existing Dunmanway 110kV substation, located approximately 14.3km southeast from the turbine viable area of the site.

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_pleanála_on_carrying_out_eia_-_august_2018.pdf

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

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

Adoption of the Directive (2014/52/EU) in April 2014 initiated a review of the National Guidance for EIA and the EIAR accompanying a planning application.

New guidelines can be seen at:

<https://www.epa.ie/publications/monitoring--assessment/assessment/guidelineson-theinformation-tobecontained-in-environmental-impact-assessment.php>



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

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.

It is the experience of the National Environmental Health Service (NEHS) that impacts on human health are often inadequately assessed in EIAs in Ireland. It is recommended that the wider determinants of health and wellbeing are considered in a proportionate manner when considering the EIA. Guidance on wider determinants of health can be found at www.publichealth.ie

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

The HSE will consider the final EIAR accompanying the planning application and will make comments to the Planning Authority on the methodology used for assessing the likely significant impacts and the evaluation criteria used in assessing the significance of the impact.

The National Environmental Health Service (EHS) 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 & Vibration
- Shadow Flicker
- Air Quality
- Surface and Groundwater Quality
- Geological Impacts
- Ancillary facilities
- Cumulative impacts

Public Consultation

It is recommended that early and meaningful public consultation with the local community is undertaken to ensure all potentially significant impacts of the proposed windfarm development have been adequately addressed. All parties affected by the proposed development, including those who may benefit financially from the project, must be fully informed of what the proposal entails especially with regard to potential impacts on surrounding areas.

Sensitive receptors and other stakeholders should be identified to ensure all necessary and appropriate mitigation measures are put in place to reduce the



likelihood of any complaints about the proposed wind farm development in the future.

The Environmental Impact Assessment Report (EIAR) should clearly demonstrate the link between public consultations and how those consultations have influenced the decision-making process in the EIA. To assist with the consultation and planning process it is recommended that the applicant develops a dedicated website for the proposed windfarm development.

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

Decommissioning

The EIAR should detail the eventual fate of the wind turbines and associated material i.e. will the material be recycled or how will it be disposed of. Information should also be provided regarding the proposed methodology to be used for the disposal of the materials forming the foundations of the wind turbines. The EIAR should indicate the proposed future use of the development site at the end of the planning permission period.

Siting, Location and details of Turbines

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

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

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/publicconsultation/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.

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

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 wind farm 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 in addition to any private wells supplying potable water to houses in the vicinity of the proposed development. Measures to ensure that all sources and supplies are protected should be described.



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 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-andguidance/2017/04/peat-landslide-hazard-risk-assessments-best-practice-guide-proposedelectricity/documents/00517176-pdf/00517176-pdf/govscot%3Adocument/00517176.pdf>

Ancillary Facilities

The EIAR should include details of the location of all site office, construction compound, fuel storage depot, sanitary accommodation and canteen, First Aid



facilities, disposal of wastewater and the provision of a potable water supply to the site canteen.

Cumulative Impacts

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

A handwritten signature in black ink that reads 'Eve Smith'.

Eve Smith

**Oifigeach Sláinte Comhshaoil | Environmental Health Officer
Environment/Climate Change, Network Support Unit (NSU)**

*** All correspondence or any queries with regard to this report including acknowledgement of this report should be forwarded to :**

Eve Smith eve.smith@hse.ie Seirbhís Sláinte Comhshaoil, Ospidéal Pobail an Chloic Liath, Bóthar Ghaoth Dobhair IAn Clochán Liath, Leitir Ceanainn, Co.Dhún Na NGall F94 Y326 ,Environmental Health Officer, Environmental Health Service, Dungloe Community Hospital, Letterkenny Co. Donegal. F94 Y326





HSE South Emergency Management Consultation Report			
Report to	Adrian O’Sullivan PEHO South Lee (West Cork)	Date	13th Jan., 2025
Type of consultation: EIS <input type="checkbox"/> Scoping <input checked="" type="checkbox"/> Screening <input type="checkbox"/> EIAR <input type="checkbox"/> EPA <input type="checkbox"/>			
Other (please specify):			
Authority	Cork County Council HSE		
Reference Number	EHIS No. 4515		
EM Reference Number	EMENV 223		
Applicant / Consultants	MKO, Tuam Rd., Galway for Maughanaclea Ltd. (the applicant)		
Proposal	Construction of a renewable energy development comprising of 15 no. wind turbines and associated works at Maughanaclea, Dunmanway, Co. Cork.		

HSE South Emergency Management Observations: Please be advised that the HSE South Emergency Management function does not have any specific observations to make with respect to this application. However, please note the following recommendations within the context of site operations:

1. Should an incident occur at the site and the site operator requires the assistance of the emergency services, the incident information should be provided in the `ETHANE` format (please see attached).
2. Emergency Services access to the site should be clearly identified. This should be undertaken via appropriate high visibility signage, i.e.; a green sign with a yellow border and white lettering citing the abbreviation RVP
3. The site should have a mechanism in place to account for personnel during an evacuation in order to provide the responding emergency services with an estimate of the number of people accounted and unaccounted for.
4. The site should identify any critical / vulnerable facilities within the geographical catchment area, such as hospitals, schools, nursing homes, etc, that could be directly or indirectly affected by an incident at the site.
5. Where the `off-site` impacts of an incident at the site affects a vulnerable cohort / population such as children within crèches, schools; patients / clients / residents within nursing homes, etc; the emergency services will require assistance from the site operator in determining the impact on the local community.
6. The site operator is encouraged to develop a business continuity plan that includes a plan for severe weather. For more advice on this, please see the Department of Business, Enterprise and Innovation, *Business Continuity Planning in Severe Weather*.
<https://dbei.gov.ie/en/Publications/Publication-files/Business-Continuity-Planning-in-Severe-Weather-Check-List-for-Businesses.pdf>

All correspondence or any queries with regard to this report should be forwarded to Ms. Maryanne Horgan, Emergency Management Office, HSE South, Eye, Ear and Throat Hospital, Western Road, Cork, T12 WP62 or maryanne.horgan@hse.ie

Ciarán Fitzgerald

From: Eve Smith <Eve.Smith@hse.ie>
Sent: Tuesday 4 February 2025 15:53
To: Ciarán Fitzgerald
Subject: Proposed Maughanaclea Renewable Energy Development, Dunmanway, Co. Cork
Attachments: ETHANE Aide Memoire 2.pdf; HSE South Emergency Management Consultation Report EMENV 223.docx; NEHS Submission EIA Scoping Maughanaclea Renewable Energy Development Co. Cork EHIS 4515.pdf

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

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Hi Ciaran

Please See attached scoping report and consultation report from HSE south emergency management.

Kind regards
Eve

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 7 January 2025 15:17
To: Environmental Health <environmental.health@hse.ie>; PEHO WestCork (National Environmental Health Office) <peho.westcork@hse.ie>; eho westcork <eho.westcork@hse.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Good afternoon,

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document

providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
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 fhaisnéis sa ríomhphost seo (ceangaltáin san áireamh) faoi rún. Baineann sé leis an té ar seoladh chuige amháin agus tá sé ar intinn go bhfaighfidh siadsan amháin é agus gurb iadsan amháin a dhéanfaidh breithniú air. Más rud é nach tusa an duine ar leis é, tá cosc iomlán ar aon fhaisnéis atá ann, a úsáid, a chraobhscaoileadh, a scaipeadh, a nochtadh, a fhoilsiú, ná a chóipeáil. Seains gurb iad tuairimí pearsanta an údar atá san ríomhphost agus nach tuairimí FSS iad.

Má fuair tú an ríomhphost seo trí dhearmad, bheadh muid buíoch dá gcuirfeá in iúl don Deasc Seirbhísí ECT ar an nguthán ag [+353 818 300300](tel:+353818300300) nó ar an ríomhphost chuig service.desk@hse.ie agus ansin glan an ríomhphost seo ded' chóras."

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If this email has been received by you in error we would be grateful if you could immediately notify the ICT Service Desk by telephone at [+353 818 300300](tel:+353818300300) or by email to service.desk@hse.ie and thereafter delete this e-mail from your system"

Ciarán Fitzgerald

From: Christophe O'BRIEN <Christophe.OBRIEN@IAA.ie>
Sent: Monday 13 January 2025 10:37
To: Ciarán Fitzgerald
Cc: Planning; Robert Kennedy
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

Some people who received this message don't often get email from christophe.obrien@iaa.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.

Good morning Ciaran,

Thank you for your email.

As no proposed turbine locations or blade tip heights appear to be provided in the documentation, the IAA can only offer very high-level comments at this time.

Air Nav Ireland should be consulted in relation to the proposal for the potential impact on en route communication, navigation and surveillance aids.

Please contact: planning@airnav.ie

In general terms, the IAA has no specific requirements for inclusion in the scoping reports based on the very high-level information presented. More formal observations can be provided when an indicative scheme of turbine coordinates and positions / blade tip heights are available.

If a formal planning application is progressed, it is likely that the following general observations would be proffered by the Authority during the 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,

Christophe

Christophe O'Brien

Aerodromes Inspector

M: +353 (0) 86 33 22022 |

E: obrienc@iaa.ie | www.iaa.ie

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



ÚDARÁS EITLÍOCHTA NA hÉIREANN
IRISH AVIATION AUTHORITY

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 7 January 2025 15:21
To: Planning <planning@iaa.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>; Christophe O'BRIEN <Christophe.OBRIEN@IAA.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

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Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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



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=====

=====

Ciarán Fitzgerald

From: Andrew Wilson <Andrew.Wilson@irishrail.ie>
Sent: Friday 21 March 2025 11:31
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

Follow Up Flag: Follow up
Flag Status: Flagged

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

Hello Ciarán. I have no comment to make. There is no operational railway in the area and I don't believe CIE still own any railway alignments in the area. Let me know if you have a specific reason for asking for comments.

Regards,

Andrew Wilson.

Senior Track & Structures Engineer,
STSE Office,
Iarnród Éireann,
Limerick Junction Railway Station,
Limerick Junction,
Co. Tipperary.
E34 E984

☎: 062 51083 ✉: andrew.wilson@irishrail.ie 🌐: www.irishrail.ie



From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Monday 10 March 2025 16:25
To: Andrew Wilson <Andrew.Wilson@irishrail.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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.

Hi Andrew,

With regards to the below email, I wish to follow up to see if you have any comments or queries in relation to the proposed Maughanaclea Renewable Energy Development. If so, can please get back to me at your earliest convenience.

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: Ciarán Fitzgerald
Sent: Thursday 9 January 2025 10:21
To: Andrew.Wilson@irishrail.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

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Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
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Ciarán Fitzgerald

From: Michael McPartland <Michael.McPartland@fisheriesireland.ie>
Sent: Wednesday 15 January 2025 11:29
To: Ciarán Fitzgerald
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

Follow Up Flag: Follow up
Flag Status: Flagged

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

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Ciarán

Thank you for your email regarding the above-mentioned proposed development.

The site of the proposed development encompasses the upper, Rivers Owvane, Meelagh and Bandon Catchments and tributaries, significant salmonid fisheries. In this context IFI would ask that the following requirements should be taken into consideration.

There should be no drainage or other physical interference with the bed or bank of any watercourse without prior consultation with IFI.

Suspended solids and or hydrocarbon contaminated site run-off waters must be controlled adequately so that no pollution of surface waters can occur. More specifically IFI feels the following issues should be addressed

- I. Identifying and zoning the project for environmental impact should a peat slip occur
- II. Setting out contingency plan should a peat movement occur.
- III. Setting out a plan for the control of silt in such a scenario, including measures to be put in place at the initial stages of construction.

In the event of any watercourse crossings being bridged or culverted the following general criteria should apply,

- (i) The free passage of fish must not be obstructed.
- (ii) The original slope of the river bed should be maintained with no sudden drops on the downstream side. Design details on any proposed crossing should be incorporated at planning stage
- (iii) Bridges are preferable to culverts.
- (iv) All instream works should be carried out only in the July-September period.

Full cognisance should be given to IFI "Guidelines on protection of fisheries during construction works in and adjacent to waters"

<https://www.fisheriesireland.ie/media/guidelines-on-protection-of-fisheries-during-construction-works-in-and-adjacent-to-waters>

Michael Mc Partland
Senior Fisheries Environmental Officer.

Iascach Intíre Éireann

Inland Fisheries Ireland

Tel + 353 (0)26 412 21/2

Fax + 353 (0)26 412 23

Email michael.mcpartland@fisheriesireland.ie

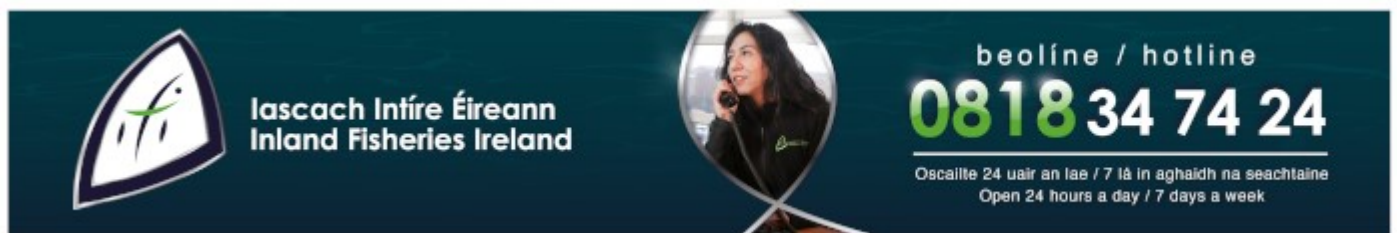
Web www.fisheriesireland.ie

Sunnyside House, Macroom, Co. Cork, Ireland. P12 X602

Help Protect Ireland's Inland Fisheries

Michael McPartland
Senior Fisheries Environmental Officer

✉ Michael.McPartland@fisheriesireland.ie • ☎ +353 (0)26 41222 • 🌐 www.fisheriesireland.ie • 🏠 P12 X602



The banner features the Inland Fisheries Ireland logo on the left, which is a stylized fish shape with a green leaf-like element. To the right of the logo is the text "Iascach Intíre Éireann" and "Inland Fisheries Ireland". In the center is a circular inset image of a woman with long dark hair talking on a mobile phone. To the right of the woman is the text "beolíne / hotline" above the large number "0818 34 74 24". Below the number is the text "Oscailte 24 uair an lá / 7 lá in aghaidh na seachtaine" and "Open 24 hours a day / 7 days a week".

Help us protect Ireland's rivers, lakes and coastlines by reporting illegal fishing, water pollution or invasive species.
Our confidential phone number is 0818 34 74 24, which is open 24 hours a day / 7 days a week.

To read our Privacy Policy and Email Disclaimer Notice, Please visit www.fisheriesireland.ie

Ciarán Fitzgerald

From: Datarequests <Datarequests@water.ie>
Sent: Friday 21 February 2025 17:00
To: Ciarán Fitzgerald
Subject: RE: EIAR scoping response Maughanaclea PN25000016977
Attachments: Water Network.pdf; Sewer Network.pdf

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

Hi Ciaran,

Thank you for contacting Data Requests,

Using the coordinates/information provided, please find attached copy(s) of the map(s) with information with the water and sewer network(s) in the area requested.

If you have any other query, please do not hesitate to contact us back and we will do our best to assist.

Kind regards,

Juan

Asset Data Coordinator – Provision

Uisce Éireann

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

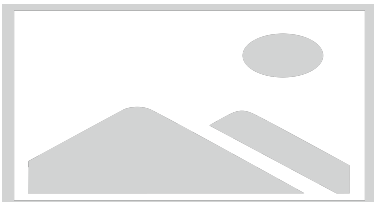
Irish Water

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

www.water.ie

[Facebook](#) | [Twitter](#) | [LinkedIn](#)

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 neamhúdraithe 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 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 bhfaighteoírí déanta ag an teachtaireacht seo nó ag a ceangaltáin tar éis a sheolta. Tabhair faoi deara go bhféadfadh monatóireacht a bheith á dhéanamh ar theachtairachtaí 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: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, February 20, 2025 9:10 AM
To: Datarequests <Datarequests@water.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: EIAR scoping response Maughanaclea PN25000016977

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Hi Juan,

Thanks for your email, we only require PDF maps if you would be able to send them over. I've attached files of the general site boundary to the email. Thanks a million for your help.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
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: Datarequests <Datarequests@water.ie>
Sent: Monday 17 February 2025 09:10
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: EIAR scoping response Maughanaclea PN25000016977

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

Dear Mr Kennedy

Thank you for contacting Data Requests.

Data Requests supply records of Uisce Eireann 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 Eireann 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 Eireann 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,

Juan

Asset Data Coordinator – Provision

Uisce Éireann

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

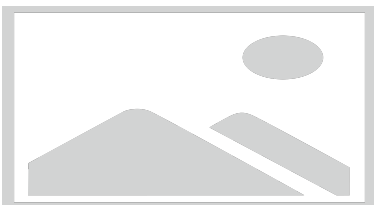
Irish Water

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Datarequests@water.ie



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Thank you for your attention.

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, February 13, 2025 10:29 AM
To: Datarequests <Datarequests@water.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: FW: EIAR scoping response Maughanaclea PN25000016977

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Good Morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

It is envisaged that the proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50 Megawatts (MW) 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.

As part of the EIA process, we sent a scoping document to Irish Water in relation to the proposed project. The attached response was received from Irish Water, and we are looking to follow up in relation to item (j) on the list. Would you be able to provide possible connection points from the site/ lands to the public network and any drinking abstraction catchments to ensure these are included and fully assessed. I've included a figure which shows the area in which the site is located. Let me know if you have any other questions. Thanks a million.

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
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: Emmett Hegarty(C) <emmett.hegarty@water.ie>
Sent: Tuesday 11 February 2025 20:53
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Subject: EIAR scoping response Maughanaclea PN25000016977

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

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Hi Ciaran

Please find attached Irish Waters observations regarding the upcoming EIAR for the proposed Maughanaclea wind farm

If you have any questions or issues, please don't hesitate to reach out.

Emmett Hegarty
Development Management Planning
Uisce Éireann
Teach na hAbhann Duibhe, Mala, Co. Chorcaí, P51 K3CX
M +353 86 066 5250
emmett.hegarty@water.ie
www.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 eitis; 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 neamhúdraithe 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 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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gach aon ríomhaire. D'fhéadfadh ríomhphost a bheith so-ghabhálach i leith truailithe, 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.

Ciarán Fitzgerald

From: Datarequests <Datarequests@water.ie>
Sent: Friday 21 February 2025 17:00
To: Ciarán Fitzgerald
Subject: RE: EIAR scoping response Maughanaclea PN25000016977
Attachments: Water Network.pdf; Sewer Network.pdf

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

Hi Ciaran,

Thank you for contacting Data Requests,

Using the coordinates/information provided, please find attached copy(s) of the map(s) with information with the water and sewer network(s) in the area requested.

If you have any other query, please do not hesitate to contact us back and we will do our best to assist.

Kind regards,

Juan

Asset Data Coordinator – Provision

Uisce Éireann

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

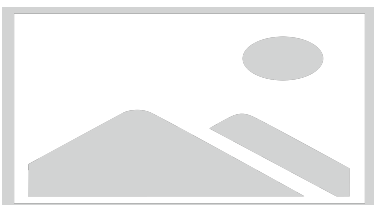
Irish Water

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

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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 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 bhfaighteoírí 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: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, February 20, 2025 9:10 AM
To: Datarequests <Datarequests@water.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: EIAR scoping response Maughanaclea PN25000016977

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Hi Juan,

Thanks for your email, we only require PDF maps if you would be able to send them over. I've attached files of the general site boundary to the email. Thanks a million for your help.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin

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From: Datarequests <Datarequests@water.ie>
Sent: Monday 17 February 2025 09:10
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: EIAR scoping response Maughanaclea PN25000016977

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Dear Mr Kennedy

Thank you for contacting Data Requests.

Data Requests supply records of Uisce Eireann 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 Eireann 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 Eireann 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,

Juan

Asset Data Coordinator – Provision

Uisce Éireann

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

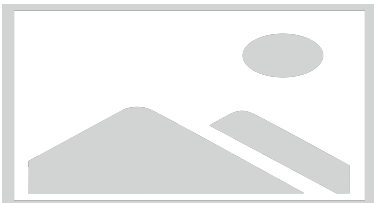
Irish Water

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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Thank you for your attention.

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, February 13, 2025 10:29 AM
To: Datarequests <Datarequests@water.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: FW: EIAR scoping response Maughanaclea PN25000016977

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Good Morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

It is envisaged that the proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50 Megawatts (MW) 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.

As part of the EIA process, we sent a scoping document to Irish Water in relation to the proposed project. The attached response was received from Irish Water, and we are looking to follow up in relation to item (j) on the list. Would you be able to provide possible connection points from the site/ lands to the public network and any drinking abstraction catchments to ensure these are included and fully assessed. I've included a figure which shows the area in which the site is located. Let me know if you have any other questions. Thanks a million.

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
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: Emmett Hegarty(C) <emmett.hegarty@water.ie>
Sent: Tuesday 11 February 2025 20:53
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Subject: EIAR scoping response Maughanaclea PN25000016977

You don't often get email from emmett.hegarty@water.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 Ciaran

Please find attached Irish Waters observations regarding the upcoming EIAR for the proposed Maughanaclea wind farm

If you have any questions or issues, please don't hesitate to reach out.

Emmett Hegarty
Development Management Planning
Uisce Éireann
Teach na hAbhann Duibhe, Mala, Co. Chorcaí, P51 K3CX
M +353 86 066 5250
emmett.hegarty@water.ie
www.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 eitis; 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 neamhúdraithe 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 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 theachtairéachtaí 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.

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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.

Ciarán Fitzgerald

From: Datarequests <Datarequests@water.ie>
Sent: Wednesday 8 January 2025 12:11
To: Ciarán Fitzgerald
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document
Attachments: 1a. Guide To Completing Non Disclosure Agreement.pdf; 1b. Non Disclosure Agreement.DOCX

Follow Up Flag: Follow up
Flag Status: Flagged

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Hi Ciarán,

Thank you for contacting Data Requests.

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

For maps in **PDF**, please ignore the NDA form and reply stating you only require **PDF** maps. (Please also provide coordinates to the area you are requesting, these can be obtained from the following website: [Irish Grid Reference Finder](#))

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

To speed up the process, we ask that you send us a **digital GIS polygon(s) (.dwg - 2013 or lower versions or .shp in ING) that outlines the extent and location of the area(s) that you require data.** This is used to extract the GIS Digital data that you require.

Please Note:

1. Uisce Eireann is responsible for issuing Water & Wastewater **digital** data in GIS format and will issue the data in **one format only** (.shp, .gdb, .tab, or .dwg).
2. Local Authorities are responsible for maintaining and issuing Stormwater data. Uisce Eireann 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 Eireann data require the appropriate disclaimer as outlined in the relevant attachment (1a).

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Kind regards,

Ryan Dean
GIS Officer

Uisce Éireann
Teach Colvill, 24–26 Sráid Thalbóid, Baile Átha Cliath 1, D01 NP86, Éire
Uisce Éireann
Colvill House, 24–26 Talbot Street, Dublin 1, D01 NP86, Ireland

Datarequests@water.ie

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday, January 7, 2025 3:28 PM
To: Planning <Planning@water.ie>; Datarequests <Datarequests@water.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
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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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 neamhúdraithe 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 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 bhfaighteoírí 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.

For the attention of Ciarán Fitzgerald
Environmental Scientist
MKO
Tuam Road,
Galway,
H91 VW84

10st February 2025

By Email: cnfitzgerald@mkoireland.ie

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

Uisce Éireann
PO Box 6000
Dublin 1
D01 WA07
Ireland

T: +353 1 89 25000
F: +353 1 89 25001
www.water.ie

Re: EIA Scoping Request – Proposed approximately 15no turbine wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

Dear Ciarán Fitzgerald,

Uisce Éireann has received notification of your Environmental Impact Assessment (EIA) scoping request relating to Maughanaclea Ltd's forthcoming application to construct and operate a windfarm in County Cork.

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 site and cabling route as described in the scoping document appear unlikely to have a negative impact on UEs abstraction regime but this should be confirmed in a final report.

Should a water or wastewater connection be envisaged in final proposal for this development, please be aware that before this can be facilitated, UE requires the applicant to engage in a pre-connection enquiry process and receive a confirmation of feasibility for the proposed connection. Enquiries about this process should be directed to connections@water.ie.

The proposed cabling route for the proposed development appears to run alongside a number of roads and through several smaller settlements. As such it seems likely that this route will bring into contact with Uisce Éireann network infrastructure. Please be aware that Uisce Éireann does not permit build over of its assets and any proximate

development must respect Uisce Éireann standards and guidelines with regards separation distances. If such an impact is anticipated, the applicant is encouraged to engage with our diversions team at diversions@water.ie at an early juncture to resolve this issue.

In addition to the specific items outlined above please note the following aspects of Water Services which should be considered in the scope of an EIAR where relevant.

- 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

Signed on behalf of Dermot Phelan

Connections Delivery Manager

Ciarán Fitzgerald

From: Emmett Hegarty(C) <emmett.hegarty@water.ie>
Sent: Tuesday 11 February 2025 20:53
To: Ciarán Fitzgerald
Subject: EIA scoping response Maughanaclea PN25000016977
Attachments: UÉ_PlanningResponse_Maughanaclea.pdf

You don't often get email from emmett.hegarty@water.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 Ciaran

Please find attached Irish Waters observations regarding the upcoming EIA for the proposed Maughanaclea wind farm

If you have any questions or issues, please don't hesitate to reach out.

Emmett Hegarty

Development Management Planning

Uisce Éireann

Teach na hAbhann Duibhe, Mala, Co. Chorcaí, P51 K3CX

M +353 86 066 5250

emmett.hegarty@water.ie

www.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 eitis; 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 neamhúdraithe 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 scríos an t-ábhar ó gach aon ríomhaire. D'fhéadfadh ríomhphost a bheith so-ghabhálach i leith truailithe, 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 bhfaighteoírí 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.

Go raibh maith agat as d'aird a thabhairt.

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Thank you for your attention.

Ciarán Fitzgerald

From: IWT Info <info@iwt.ie>
Sent: Tuesday 11 March 2025 15:29
To: Ciarán Fitzgerald
Subject: Re: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

Follow Up Flag: Follow up
Flag Status: Flagged

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

Dear Ciaran,

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 Mon, 10 Mar 2025 at 16:29, Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie> wrote:

Good afternoon,

With regards to the below email, I wish to follow up to see if you have any comments or queries in relation to the proposed Maughanaclea Renewable Energy Development. If so, can please get back to me at your earliest convenience.

Le gach dea ghúí,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84



Offices in Galway and Dublin

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From: Ciarán Fitzgerald
Sent: Tuesday 7 January 2025 15:30
To: info@iwt.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

Hi Fabiola,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

It is envisaged that the proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50 Megawatts (MW) 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.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,

Ciarán.

Ciarán Fitzgerald

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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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)

Ciarán Fitzgerald

From: Ocean Energy <Ocean.Energy@seai.ie>
Sent: Friday 10 January 2025 15:31
To: Ciarán Fitzgerald
Cc: Sustainable Energy Authority of Ireland
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document CRM:00350039555

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Dear Ciaran,

Many thanks for reaching out to the Sustainable Energy Authority of Ireland.

To answer to your query, SEAI is not a prescribed notifiable body under the Planning Act and we would not be resourced to respond to such notices voluntarily. We hope that any misunderstanding that may have occurred, that has lead you to think we are, is an anomaly.

Kind regards,

The Offshore Renewable Energy team

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

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>;
Received: Tue Jan 07 2025 15:33:18 GMT+0000 (Greenwich Mean Time)
To: Reception . <info@seai.ie>; Reception <info@seai.ie>;
Cc: Robert Kennedy <rkennedy@mkoireland.ie>;
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

Good afternoon,

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It is envisaged that the proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50 Megawatts (MW) 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.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist
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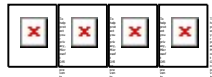
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Ciarán Fitzgerald

From: INFO <Information@tii.ie>
Sent: Wednesday 29 January 2025 15:22
To: Ciarán Fitzgerald
Subject: TII Ref: TII25-129946 - Maughanaclea Renewable Energy Development - EIAR Scoping Document

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

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Dear Mr. Fitzgerald,

Thank you for your correspondence of 7 January 2025 regarding the above. Transport Infrastructure Ireland's (TII's) position in relation to your enquiry is as follows.

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. TII notes that no grid connection has been proposed on the national road network.

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

National Strategic Outcome 2 of the National Planning Framework includes the objective to maintain the strategic capacity and safety of the national 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 also the existing Statutory Section 28 Spatial Planning and National Roads Guidelines for Planning Authorities.

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

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

- Consultations should be had with the relevant Local Authority/National Roads Design Office, with regard to the locations of existing and future national road schemes.
- TII would be specifically concerned as to potential significant impacts the development would have on the national road network (and junctions with national roads), in the proximity of the proposed development, including the potential haul route.
- The developer, in preparing EIAR, should have regard to TII Publications.

- The EIAR/EIS should consider the Environmental Noise Regulations 2006 (SI 140 of 2006) and, in particular, how the development will affect future action plans by the relevant competent authority. The developer may need to consider the incorporation of noise barriers to reduce noise impacts (see 'Guidelines for the Treatment of Noise and Vibration in National Road Schemes', (1st Rev., National Roads Authority, 2004).
- It would be important that, where appropriate, subject to meeting the appropriate thresholds and criteria and having regard to best practice, a Traffic and Transport Assessment (TTA) 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's 'Traffic and Transport Assessment Guidelines' (2014) should be referred to in relation to proposed development, with potential impacts on the national road network. The scheme promoter is also advised to have regard to Section 2.2 of TII's 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.
- With respect to any potential turbine and associated delivery haul route(s) which utilise national roads:

In relation to any proposed haul route, where abnormal 'weight' loads are proposed, separate structure approvals/permits and other licences may be required. 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.

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 PPP Concessions, Motorway Maintenance and Renewal Contracts (MMaRC) and local road authorities in association with TII.

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

Where temporary works within any MMaRC Contract Boundary are required to facilitate the transport of turbine components to 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 (eg. tearing of the surface course, etc.) shall be rectified in accordance with TII Pavement Standards and details in this regard shall be agreed with the Road Authority prior to the commencement of any development on site.

- Any Greenway and National Cycle Network Plan (NCN) proposals in the vicinity of the proposal or haul route require consultation with the local authority internal project and/or design staff is recommended.

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,

Suzanne Cahill
Regulatory & Administration Executive

From: Ciarán Fitzgerald
Sent: Tuesday 7 January 2025 15:34
To: Landuse Planning
Cc: Robert Kennedy
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Hi Alban,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

It is envisaged that the proposed renewable energy development will comprise approximately 15 no. wind turbines, access roads and entrance(s), borrow pits and spoil management areas, an onsite electricity substation, electrical cabling for grid connection, temporary construction compounds and a permanent meteorological mast. All wind farm site cabling, including connection to the onsite substation, will be laid underground. It is anticipated the development will meet the Strategic Infrastructure Development (SID) thresholds of 25 no. turbines or 50 Megawatts (MW) 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.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
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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Ciarán Fitzgerald

From: Sabine Browne <Sabine.Browne@waterwaysireland.org>
Sent: Tuesday 7 January 2025 15:46
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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

Good afternoon Ciarán,

This is not within any Zone of Influence of our waterways so we will not be commenting.

Kind regards,

Sabine Browne

Clerical Officer – Environment, Heritage & Sustainability



Waterways Ireland Western Regional Office
Dock Road, Drowsborough,
Scarriff, Co. Clare
V94 H7N1
Phone +353 (0)61-922141
Mobile: +353 (0)87 990 5409
Sabine.Browne@waterwaysireland.org

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: 07 January 2025 15:35
To: Sabine Browne <Sabine.Browne@waterwaysireland.org>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located

approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

Offices in Galway and Dublin
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Ciarán Fitzgerald

From: Matthew Craig <matthew.craig@2rn.ie>
Sent: Tuesday 7 January 2025 16:58
To: Ciarán Fitzgerald
Cc: windfarms; Johnny Evans; Robert Kennedy
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document
Attachments: Maughanaclea Site_Boundary_2024.07.03_240225.kml

Follow Up Flag: Follow up
Flag Status: Flagged

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Hi Ciarán,

Sorry, I missed that you had previously submitted information regarding this site. From what I can see, the area in this document is smaller than in the initial scoping document. (See attached KMZ file.) We would need the Turbine locations and dimensions before we can better assess the impact to broadcast services. Other than that, our initial assessment regarding the risk of interference to broadcast services in the area remains.

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: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 7 January 2025 15:50
To: Matthew Craig <matthew.craig@2rn.ie>
Cc: windfarms <windfarms@rte.ie>; Johnny Evans <johnny.evans@2rn.ie>; Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Hi Matthew,

Hope all is well.

We scoped with you previously regarding this site in regard to telecoms. I've attached the email above. This email included KML and SHP files but I'm happy to send them on again if needs be. You wanted to confirm with you that there are no changes to your above response also. Thanks a million

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: Matthew Craig <matthew.craig@2rn.ie>
Sent: Tuesday 7 January 2025 14:55
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Cc: windfarms <windfarms@rte.ie>; Johnny Evans <johnny.evans@2rn.ie>; Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Hi Ciarán,
Could you please send me the profile of the proposed windfarm as a SPH or KMZ file?
I'm sorry I can't do an accurate assessment with the information provided.

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: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday, January 7, 2025 2:41:11 PM (UTC+00:00) Dublin, Edinburgh, Lisbon, London
To: windfarms <windfarms@rte.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>; Johnny Evans <Johnny.Evans@rte.ie>
Subject: 240225 - Maughanaclea Renewable Energy Development - Scoping Document

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Hi Johnny,

MKO is preparing an Environmental Impact Assessment Report (EIAR), on behalf of Maughanaclea Ltd, for a proposed wind farm development located at Maughanaclea and surrounding townlands, located approximately 1.8km southeast of the village of Kealkill, 9.5km northeast of the town of Bantry, and 1km west of Dunmanway.

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, 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. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached. 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.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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faighteoir beartaithe, tá cosc ar aon nochtadh, cóipéail, dáileadh, nó aon ghníomh a dhéanamh nó a fhágáil ar lár i dtaca leis an ríomhphost agus d'fhéadfadh sin a bheith mídhleathach. Tabhair ar aird le do thoil, d'fhéadfadh ríomhphost chuig, ó agus laistigh de RTÉ a bheith faoi réir an Achta um Shaoráil Faisnéise 2014, agus d'fhéadfadh go ndéanfaí é a nochtadh.

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Ciarán Fitzgerald

From: David Broderick <david@hydroenvironmental.ie>
Sent: Friday 18 April 2025 09:17
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: FW: Maughanaclea EIAR scoping PN25000016977

Follow Up Flag: Follow up
Flag Status: Flagged

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Hi Ciaran

I made contact with IW re the surface water abstraction at Kealkill.

They did not mention it in their original scoping response and it just wanted to gauge their reaction on it.

See e-mail response below.

Have you had a pre-planning meeting with Cork Co. Co.?

Kind Regards
David Broderick– HES
058-44122 / 086-7843522

From: Emmett Hegarty(C) <emmett.hegarty@water.ie>
Sent: Thursday 17 April 2025 16:33
To: David Broderick <david@hydroenvironmental.ie>
Subject: Maughanaclea EIAR scoping PN25000016977

Hi David

Thanks for your response on our EIAR scoping observations. You're definitely right as even though it wasn't explicitly stated in my scoping response, there's significant scope for hydrological interaction. I've gone ahead and referred this to our hydrologists for a more detailed assessment, and they've come back with the following comments:

- The majority of the windfarm site is located within the drinking water abstraction catchment for Zone1 Kealkill Water Supply, with the site located 1.3km from the abstraction point in the Owengar River (Owengar (Cork)_10) #
- A small portion of the southern part of the of the windfarm site is located within the drinking water abstraction catchment for zone1 Bantry Cahernacrin, with the site located 8.5km from the Inchilough abstraction point in the MEALAGH_020).
- The cabling route is located within the drinking water abstraction catchment for Zone2 Bandon Regional Water Supply, with the abstraction point located 22km downstream on the Bandon River.

It is not located within any groundwater abstraction catchments.

As noted above, there are 3 no UE surface water receptors that represent a risk with particular reference to the Kealkill Water Supply as the wind farm area covers a significant portion of the drinking water abstraction catchment and given the proximity to the abstraction point. The main risk would be during construction and decommissioning activities, however, if the applicant adopts appropriate mitigation measures, these would eliminate any potential risk.

1. Proximity to Abstraction Points

All potential impacts arising from the development proposal on Uisce Éireann's abstraction points must be identified and addressed in the EIAR. This includes the:

- *Kealkill (Zone1) Water Supply, with the proposed development located 1.3km from the abstraction point in the Owengar River (Owengar (Cork)_10)*
- *Bantry Cahernacrin (Zone1) Water Supply, with the proposed development located 8.5km from the Inchilough abstraction point in the MEALAGH_020.*
- *The cabling route is located within the drinking water abstraction catchment for Bandon (Zone2) Regional Water Supply, with the abstraction point located 22km downstream on the Bandon River.*

The EIAR must include and consider all direct, indirect and cumulative effects of the proposed development on the abstraction points.

2. Stormwater Run Off and Hydrocarbons

The potential impacts arising from run off and hydrocarbon during construction, operational and decommissioning phases should be addressed to include mitigations against contaminants entering groundwater and surface waters via hydrological and hydrogeological pathways.

Thanks again for catching this, the engagement is appreciated, and it's certainly in our interests to flag this stuff early so if there's any queries or points on the above do let me know and we can follow up further.

Emmett Hegarty

Development Management Planning

Uisce Éireann

Teach na hAbhann Duibhe, Mala, Co. Chorcaí, P51 K3CX

M +353 86 066 5250

emmett.hegarty@water.ie

www.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 neamhúdraithe 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 scríos an t-ábhar ó gach aon ríomhaire. D'fhéadfadh ríomhphost a bheith so-ghabhálach i leith truailithe, 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 caighdeán 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.

Ciarán Fitzgerald

From: support-sf@puretelecom.ie
Sent: Thursday 20 February 2025 03:16
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

You don't often get email from support-sf@puretelecom.ie. [Learn why this is important](#)

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Hi Ciarán,

Please remove this email address from your email listing.

We are requesting for removal under GDPR act.

Pure Telecom have no handle under the network designs, which are handled by the networks in Ireland.

Kind regards,
Broadband Technical Support

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Wednesday 19 February 2025 14:46
To: support@puretelecom.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Good Afternoon,

I'm just following up again on the below email chain. Can you please let me know if you have any existing or planned links in this area mentioned in the first email, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Tuam Road, Galway, H91 VW84

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



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From: Ciarán Fitzgerald
Sent: Monday 4 November 2024 17:05
To: support@puretelecom.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Good Afternoon,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
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: Ciarán Fitzgerald
Sent: Tuesday 27 August 2024 12:23
To: support@puretelecom.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Good Morning,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our

constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

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From: Ciarán Fitzgerald
Sent: Thursday, July 4, 2024 10:01 AM
To: support@puretelecom.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Good Morning,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

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Kind regards,
Ciarán.

Ciarán Fitzgerald
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Ciarán Fitzgerald

From: Matthew Craig <matthew.craig@2rn.ie>
Sent: Thursday 4 July 2024 11:43
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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

Hi Ciarán,

2rn have no fixed linking in the area that you have outlined in your email.

There is however a high risk of interference to broadcast services from Mullaghanish for viewers to the south of the proposed windfarm.

We would therefore request that a protocol be signed between the developer and 2rn.

It would be a good idea to have a coverage survey performed before the site is built just in case there are issues afterwards.

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: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, July 4, 2024 9:24 AM
To: Matthew Craig <matthew.craig@2rn.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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

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Hi Matthew,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: John Barry <john@airwave.ie>
Sent: Tuesday 5 November 2024 16:08
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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

Ciaran,
We have no infrastructure in this area

John

John Barry
Airwave Internet
e: john@airwave.ie
p: 021-2024000
m: 087-9471657

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Monday 4 November 2024 17:05
To: John Barry <john@airwave.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Good Afternoon,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: Ciarán Fitzgerald
Sent: Monday 26 August 2024 10:38
To: john@airwave.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Hi John,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

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Ciarán.

Ciarán Fitzgerald
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From: Ciarán Fitzgerald
Sent: Thursday, July 4, 2024 9:58 AM
To: john@airwave.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Hi John,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Gareth Pope <GPope@apwireless.ie>
Sent: Monday 24 February 2025 09:35
To: Ciarán Fitzgerald; Holly Callender
Subject: RE: 240225 Telecoms Links

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

Hi Ciaran,

APW don't have any site interests in this area.

Please refer to comreg site viewer for detail on site locations/operators – [ComReg SiteViewer](#)

Regards Gareth

Gareth Pope BSc(Hons) MRICS MSCSI

Head of Estates, Ireland | [APWireless](#)

M: +353 (0)86 8146856

E: gpope@apwireless.ie

W: apw.ie

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From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>

Sent: Wednesday 19 February 2025 14:39

To: Gareth Pope <GPope@apwireless.ie>; Holly Callender <HCallender@APWIP.com>

Subject: RE: 240225 Telecoms Links

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Hi Gareth,

This is a separate development. Please see the files attached

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84

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From: Gareth Pope <GPope@apwireless.ie>

Sent: Monday 4 November 2024 20:02

To: Holly Callender <HCallender@APWIP.com>; Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>

Subject: Re: 240225 Telecoms Links

You don't often get email from gpope@apwireless.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 Ciaran,

Please see response attached, is this the same development or another new development?

Regards Gareth

Gareth Pope BSc(Hons) MRICS MSCSI

Head of Estates, Ireland | [APWireless](#)

M: +353 (0)86 8146856

E: gpope@apwireless.ie

W: apw.ie

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From: Holly Callender <HCallender@APWIP.com>
Sent: Monday, November 4, 2024 4:55 PM
To: Gareth Pope <GPope@apwireless.ie>
Subject: FW: 240225 Telecoms Links

Hi Gareth

Forwarding on the below email.

Thanks,
Holly

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: 04 November 2024 16:51
To: Info-IE <info@apwireless.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

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Good Afternoon,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Le gach dea ghúí,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

MKO

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From: Ciarán Fitzgerald
Sent: Monday 26 August 2024 09:59
To: info@apwireless.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Good Morning,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

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Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

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From: Ciarán Fitzgerald

Sent: Thursday, July 4, 2024 9:29 AM

To: info@apwireless.ie

Cc: Robert Kennedy <rkennedy@mkoireland.ie>

Subject: 240225 Telecoms Links

Good Morning,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF.

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If you have any queries, please do not hesitate to get back to me.

Kind regards,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Gurmukh Neote <gneote@bbnet.ie>
Sent: Monday 26 August 2024 12:21
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: [EXTERNAL]RE: 240225 Telecoms Links

Follow Up Flag: Follow up
Flag Status: Flagged

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

Hi Ciaran,

We don't have anything in this area.

Many thanks.


Regards,



Gurmukh Neote


CEO
BBnet



 +353 61 512000 | +353 87 663 3668

 gneote@bbnet.ie

 <https://www.bbnet.ie/>

 Sonraí House, Unit 3, Smithstown, Shannon, Co. Clare, Ireland V14 VN23

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From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Monday 26 August 2024 10:13
To: Gurmukh Neote <gneote@bbnet.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: [EXTERNAL]RE: 240225 Telecoms Links

Good Morning,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

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Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: Ciarán Fitzgerald
Sent: Thursday, July 4, 2024 9:44 AM
To: gneote@bbnet.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Good Morning,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: padraig.condon@bt.com
Sent: Thursday 4 July 2024 09:42
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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

Hi Ciaran,
BT Ireland no longer have a microwave network.

Padraig Condon

Core Network Operations
Mobile number: +353 86 604 0636
E-mail padraig.condon@bt.com
Web: www.btireland.com

This email contains information from [insert appropriate legal entity name, e.g British Telecommunications plc, BT Nederland NV, BT Americas Inc, BT Australasia Pty Ltd] which may be privileged or confidential. It's meant only for the individual(s) or entity named above. If you're not the intended recipient, note that disclosing, copying, distributing or using this information is prohibited. If you've received this email in error, please let me know immediately on the email address above. Thank you. We monitor our email system, and may record your emails.

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, July 4, 2024 9:33 AM
To: Condon,PG,Padraig,NQE32E R <padraig.condon@bt.com>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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

Hi Pádraig,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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Ciarán Fitzgerald

From: Roger Woods <rwoods@cnam.ie>
Sent: Thursday 4 July 2024 09:56
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

You don't often get email from rwoods@cnam.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 Ciaran

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 phrintáil.

Please consider the environment before printing this email.

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, July 4, 2024 9:30 AM
To: Roger Woods <rwoods@cnam.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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

Hi Roger,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
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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Ciarán Fitzgerald

From: Oisín O'Neill <oisin.oneill@comreg.ie>
Sent: Monday 26 August 2024 13:18
To: Ciarán Fitzgerald
Cc: Margaret O'Sullivan; David Pelissier; Robert Kennedy
Subject: RE: 240225 Telecoms Links
Attachments: Contacts.xlsx

Follow Up Flag: Follow up
Flag Status: Flagged

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

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[CONFIDENTIAL - EXTERNAL]

Hi Ciarán,

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,

Oisín O’Neill

Innealtóir Speictrim Raidió (Ceadúnú)
Radio Spectrum Engineer (Lic)

An Coimisiún um Rialáil Cumarsáide
Commission for Communications Regulation

1 Lárcheantar na nDugaí, Sráid na nGildeanna, BÁC 1, Éire, D01 E4X0.
One Dockland Central, Guild Street, Dublin 1, Ireland, D01 E4X0.
Teil | Tel +353 1 804 9785
Rphost | Email oisin.oneill@comreg.ie
Suíomh | Website www.comreg.ie

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>

Sent: Thursday, July 4, 2024 9:36 AM

To: Cecilia Kirwan <Cecilia.Kirwan@comreg.ie>; Martin O Donoghue <Martin.ODonoghue@comreg.ie>; Licensing <licensing@comreg.ie>

Cc: Robert Kennedy <rkennedy@mkoireland.ie>

Subject: 240225 Telecoms Links

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

Hi all,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
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 scríos an t-ábhar ina iomlán, bíodh sé i gcóip leictreonach nó chrua.

Ciarán Fitzgerald

From: Cathal Hickey <Cathal.Hickey@CorkCoCo.ie>
Sent: Monday 22 July 2024 10:11
To: Ciarán Fitzgerald
Subject: renewable energy development at Maughanaclea, Co. Cork.

You don't often get email from cathal.hickey@corkcoco.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 Ciaran,

We don't have any links in that direction.

Cathal Ó hIcí | Oigigeach Riaracháin | TFC

Comhairle Contae Chorcaí, Halla an Chontae, Corcaigh, T12 R2NC Éire

T +353-(0)21 – 428 5741 +353 (0)87 6025530| e [cathal.hickey@corkcoco.ie@corkcoco.ie](mailto:cathal.hickey@corkcoco.ie) | www.corkcoco.ie

Tairseach na gcustaiméirí : www.yourcouncil.ie

Cathal Hickey | Administrative Officer | ICT

Cork County Council, County Hall, Cork, T12R2NC Ireland

T +353-(0)21 – 428 5741 +353 (0)87 6025530| e [cathal.hickey@corkcoco.ie@corkcoco.ie](mailto:cathal.hickey@corkcoco.ie) | www.corkcoco.ie

Customer Portal: www.yourcouncil.ie

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>

Sent: Thursday, July 4, 2024 9:37 AM

To: Niall Hawes <Niall.Hawes@CorkCoCo.ie>

Cc: Robert Kennedy <rkennedy@mkoireland.ie>

Subject: 240225 Telecoms Links

CAUTION FROM CORK COUNTY COUNCIL IT SECURITY: 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.

Hi Niall,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Regards,

Cathal Ó hIcí | Oigigeach Riaracháin | TFC

Comhairle Contae Chorcaí, Halla an Chontae, Corcaigh, T12 R2NC Éire

T +353-(0)21 – 428 5741 +353 (0)87 6025530 | e cathal.hickey@corkcoco.ie@corkcoco.ie | www.corkcoco.ie

Tairseach na gcustaiméirí : www.yourcouncil.ie

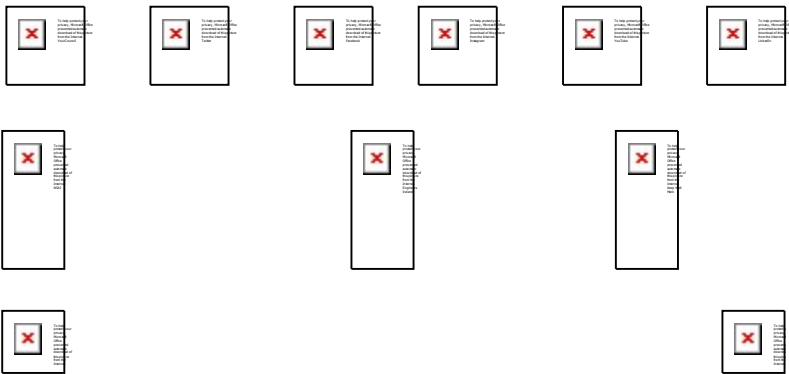
Cathal Hickey | Administrative Officer | ICT

Cork County Council, County Hall, Cork, T12R2NC Ireland

T +353-(0)21 – 428 5741 +353 (0)87 6025530 | e cathal.hickey@corkcoco.ie@corkcoco.ie | www.corkcoco.ie

Customer Portal: www.yourcouncil.ie

www.corkcoco.ie



**Smaoinigh ar an timpeallacht sula ndéanann tú an ríomhphost seo a phrintáil.
Please consider the Environment before printing this mail.**

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Ciarán Fitzgerald

From: Simon Riordan <simon.riordan@defenceforces.ie>
Sent: Thursday 4 July 2024 15:21
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: Re: 240225 Telecoms Links
Attachments: PP28707-1_20211128_Licence.pdf; PP35169-1_20220611_Licence.pdf

Follow Up Flag: Follow up
Flag Status: Completed

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

Hi Ciaran,

Yes, my colleague Patrick Kennedy is currently establishing a microwave link from Mt. Gabriel to Cork City via Mt. Mullaghanish.

I've attached the planning details for your review.

If you have any further questions or need assistance, please don't hesitate to contact Patrick at (01) 403 7650 or patrick.kennedy@defenceforces.ie.

Best regards,

Simon Riordan

Commandant
2IC CIS & Special Projects Officer
Irish Air Corps | Casement Aerodrome | Baldonnell | Dublin 22 | D22 X2Y4

✉ simon.riordan@defenceforces.ie

☎ +353-(0)1-4037657



From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>

Sent: Thursday 4 July 2024 09:51:58

To: Simon Riordan

Cc: Robert Kennedy

Subject: 240225 Telecoms Links

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Hi Simon,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO

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Tá an t-eolas san ríomhphost seo, agus aon iatán a ghabhann leis, príobháideach agus rúnda, agus ceaptha don té a bhfuil sé seolta amhain. Mura tú an té a bhfuil sé seolta níl cead agat an ríomhphost ná aon iatán a léamh, a chóipeáil, ná a usáid. Má fuair tú an ríomhphost seo in earráid, cur an seoltóir ar an eolas le casadh an ríomhphoist le do thoill agus scríos ansin é. ** Rinne Defence Forces Email Security Gateway mionscrúdú ar an ríomhphost seo le haghaidh víreais, loitiméirí, agus ábhar mailíseach.

Ciarán Fitzgerald

From: Ciarán Fitzgerald
Sent: Monday 4 November 2024 17:10
To: brendan.hurley@digitalforge.ie
Cc: Robert Kennedy; Órla Murphy
Subject: RE: 240225 Telecoms Links

Hi Brendan,

I'm just following up on your email below, would you be able to provide more information the the PtmP

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO
Tuam Road, Galway, H91 VW84

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



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From: Ciarán Fitzgerald
Sent: Thursday 29 August 2024 11:12
To: brendan.hurley@digitalforge.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>; Órla Murphy <omurphy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Hi Brendan,

Thanks for your email. Is it possible for you to send on the locations for the links/ any more information that might be useful. Thanks a million.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
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: brendan.hurley@digitalforge.ie <brendan.hurley@digitalforge.ie>

Sent: Tuesday 27 August 2024 12:52

To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>

Cc: Robert Kennedy <rkennedy@mkoireland.ie>

Subject: RE: 240225 Telecoms Links

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

Hi,

I don't have PtP links but I do have PtMP clients that may be effected.

Brendan

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>

Sent: Tuesday 27 August 2024 12:32

To: brendan.hurley@digitalforge.ie

Cc: Robert Kennedy <rkennedy@mkoireland.ie>

Subject: RE: 240225 Telecoms Links

Hi Brendan,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me

Le gach dea ghúí,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

MKO

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From: Ciarán Fitzgerald
Sent: Wednesday, July 17, 2024 10:59 AM
To: brendan.hurley@digitalforge.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Hi Brendan,

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Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: John Bagnall <john.bagnall@eir.ie>
Sent: Wednesday 10 July 2024 10:01
To: Ciarán Fitzgerald
Cc: MobileNetworksTXN@eir.ie; Robert Kennedy
Subject: Re: 240225 Telecoms Links

You don't often get email from john.bagnall@eir.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 Ciarán,

We have no transmission links within the proposed area and it has no risk to the network for Eir Mobile or the Eir fixed network.



Kind regards,



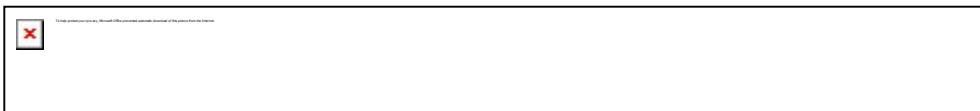
John Bagnall

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 Thu, 4 Jul 2024 at 09:39, Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie> wrote:

Hi John,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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If you have any queries, please do not hesitate to get back to me.

Kind regards,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

MKO

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Ciarán Fitzgerald

From: Peter O'Brien <peter.obrien@enet.ie>
Sent: Thursday 4 July 2024 09:51
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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

Hi Ciarán,

We have no links passing through this area currently,

Best Regards,
Peter

Peter O'Brien | Licensed Link planner

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

M: +353867744313 | **W:** www.enet.ie



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From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, July 4, 2024 9:43 AM
To: Peter O'Brien <peter.obrien@enet.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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

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Hi Peter,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
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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Ciarán Fitzgerald

From: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Sent: Friday 20 December 2024 16:52
To: Ciarán Fitzgerald
Subject: RE: 240225 Telecoms Links
Attachments: ESB wind farm proforma.docx

Follow Up Flag: Follow up
Flag Status: Flagged

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Good afternoon,

I am writing to inform you that unfortunately, we have been unable to proceed with the analysis without additional information.

To move forward, we kindly request you to complete the attached proforma and provide any GIS data if available.

If you have any further questions, please feel free to reach out.

Regards,
Abud

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday 4 July 2024 09:42
To: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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An t-impeallacht? - Smaoinigh air sula bpriontáileann tú an r-phost seo.
Please consider the Environment before printing this email.

* * * * *

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* * * * *

Ciarán Fitzgerald

From: Ciarán Fitzgerald
Sent: Tuesday 1 April 2025 12:05
To: 'wfanalysis (ESB Networks)'
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

Hi Abud,

That's greatly appreciated for sending that on. Well make sure to try to avoid this exclusion zone.
Thanks a million

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Sent: Tuesday 1 April 2025 11:50
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

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

Good morning,

Please find attached a basic exclusion zone created for the Maughanaclea, Co, Cork. To avoid interference to our links, the development must fall outside of this zone.

Please note that this exclusion zone represents a conservative zone because we have no turbine parameters, and this could be reduced on provision of hub height and blade size and either turbine location or development boundary.

Kind regards,
Abud

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 18 February 2025 14:37
To: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

CAUTION: This message is from an EXTERNAL SENDER - be CAUTIOUS, Do NOT Click any links or Open any attachments if you were not expecting them.

Hi Abud,

We don't have confirmed turbine locations yet, but we are looking to use Telecom link information to inform the design and where we place the turbines. Is it possible for you to let us know if any links run through the site boundary attached to this email just so we have a general idea. We can send over turbine locations once we further develop the design. Thanks a million. Appreciate your help.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Sent: Friday 20 December 2024 16:52
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

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If you have any further questions, please feel free to reach out.

Regards,
Abud

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday 4 July 2024 09:42
To: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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An t-impeallacht? - Smaoinigh air sula bpriontáileann tú an r-phost seo.
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An timpeallacht? - Smaoinigh air sula bpriontáileann tú an r-phost seo.
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* * * * *

Ciarán Fitzgerald

From: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Sent: Tuesday 1 April 2025 11:50
To: Ciarán Fitzgerald
Subject: RE: 240225 Telecoms Links
Attachments: Maughanaclea_Basic_Coordination_Exclusion_zone.kml

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

Good morning,

Please find attached a basic exclusion zone created for the Maughanaclea, Co, Cork. To avoid interference to our links, the development must fall outside of this zone.

Please note that this exclusion zone represents a conservative zone because we have no turbine parameters, and this could be reduced on provision of hub height and blade size and either turbine location or development boundary.

Kind regards,
Abud

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 18 February 2025 14:37
To: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

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Hi Abud,

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Ciarán Fitzgerald
Graduate Environmental Scientist

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From: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Sent: Friday 20 December 2024 16:52
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

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Regards,
Abud

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday 4 July 2024 09:42
To: wfanalysis (ESB Networks) <wfanalysis@esb.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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* * * * *

Ciarán Fitzgerald

From: Ross D'Arcy <ross@hiberniantowers.ie>
Sent: Wednesday 28 August 2024 11:37
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: Re: 240225 Telecoms Links

Some people who received this message don't often get email from ross@hiberniantowers.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.

At this stage we don't envisage that we would have an objection to this project however if it moves to planning stage, we would have to do a thorough analysis and decide then whether we would object or not.

Kind Regards
Ross

Ross D'Arcy
Hibernian Towers
4 Argyle Square,
Morehampton Road,
Donnybrook,
Dublin 4.
D04 HW97

Head Office: 0818 300 221

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Date: Thursday 4 July 2024 at 09:48
To: "info@hiberniantowers.ie" <info@hiberniantowers.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Good Morning,

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Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Paul Brunel <Paul.Brunel@imaginegroup.ie>
Sent: Thursday 4 July 2024 10:18
To: Ciarán Fitzgerald; Ronnie O'Neill
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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

Hi Ciarán,
At present Imagine have no microwave links affected by this development.
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: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, July 4, 2024 9:50 AM
To: Paul Brunel <Paul.Brunel@imaginegroup.ie>; Ronnie O'Neill <Ronnie.ONeill@imaginegroup.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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Ciarán Fitzgerald

From: Denis (Denny) Ahern <denis.ahern@imedia.ie>
Sent: Thursday 4 July 2024 09:43
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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

Hi Ciaran,

Nothing of concern for IMS in this area.

Thank you,
Denis

Denis (Denny) Ahern
Chief Executive Officer



T: +353 (0) 61 310752
M: +353 (0) 87 8122298
denis.ahern@imedia.ie | www.imedia.ie | www.imedia.co.uk

First Floor Ashbourne Business Hall, Ashbourne Business Park,
Dock Road, Limerick,
Ireland, V94 NPE0



From: Ciarán Fitzgerald
Sent: Thursday, July 4, 2024 9:28 AM
To: Denis (Denny) Ahern <denis.ahern@imedia.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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Hi Denis

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
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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Ciarán Fitzgerald

From: Gerard O'Sullivan <gosullivan@ivertec.ie>
Sent: Thursday 4 July 2024 09:59
To: Ciarán Fitzgerald; Jimmy Sugrue
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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

Hi Ciaran

This proposed development will not impact our network negatively.

Kind Regards,

Gerard O Sullivan
Chief Executive Officer



Provincial House, Main Street, Caherciveen, Co. Kerry, V23 EH70

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[Facebook](#) | [Twitter](#) | [LinkedIn](#)

Telephone: 0669478811 or 0818-483783

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, July 4, 2024 9:56 AM
To: Jimmy Sugrue <jsugrue@ivertec.ie>; Gerard O'Sullivan <gosullivan@ivertec.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Hi All,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Brian Dunne | National Broadband Ireland <Brian.Dunne@nbi.ie>
Sent: Thursday 20 February 2025 09:54
To: Ciarán Fitzgerald
Cc: Robert Kennedy; Radiolinks
Subject: RE: 240225 Telecoms Links

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

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Hi Ciarán,

NBI have completed our analysis, and we are not operating or have any current plans to operate radio links in or through the vicinity the proposed area.

Therefore, NBI have no concerns regarding these development plans.

Best regards,
Brian



Brian Dunne
Network Engineer - Radio
Access and Microwave
Backhaul

brian.dunne@nbi.ie
+353 85 748 1592
3009 Lake Drive, Citywest,
Dublin 24, D24 H6RR

[WWW.NBI.IE](http://www.nbi.ie)

Internal All Users

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: 19 February 2025 14:32
To: Radiolinks <radiolinks@nbi.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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

Good Afternoon

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Tom Barry <tom.barry@motorolasolutions.com>
Sent: Monday 22 July 2024 14:06
To: Ciarán Fitzgerald
Cc: Tom.Barry@TETRAIRELAND.IE; Robert Kennedy
Subject: Re: EXTERNAL MAIL:- 240225 Telecoms Links

You don't often get email from tom.barry@motorolasolutions.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.

Ciaran,

We anticipate no impact from the development as proposed.

Regards,
Tom

On Thu, Jul 4, 2024 at 10:05 AM Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie> wrote:

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Do NOT click or download suspicious attachments.**

Hi Tom,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

MKO

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Ciarán Fitzgerald

From: Micheal Twomey <mtwomey@rapidbroadband.ie>
Sent: Wednesday 19 February 2025 15:41
To: Ciarán Fitzgerald
Cc: josephine@rapidbroadband.ie; info@rapidbroadband.ie; Robert Kennedy
Subject: Re: 240225 Telecoms Links

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

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Hi Ciarán,

We don't have any existing or planned links now or in the future at Maughanaclea, Co. Cork.

Regards,

Micheál Twomey
Rapid Broadband Ltd

On Wed, 19 Feb 2025 at 14:48, Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie> wrote:

Good Afternoon,

I'm just following up again on the below email chain. Can you please let me know if you have any existing or planned links in this area mentioned in the first email, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Le gach dea ghúí,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84



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From: Ciarán Fitzgerald
Sent: Monday 4 November 2024 17:11
To: josephine@rapidbroadband.ie; info@rapidbroadband.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Good Afternoon,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Le gach dea ghuí,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

MKO

Tuam Road, Galway, H91 VW84



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From: Ciarán Fitzgerald
Sent: Tuesday 27 August 2024 12:33
To: josephine@rapidbroadband.ie; info@rapidbroadband.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Hi Josephine,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me

Le gach dea ghúí,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

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From: Ciarán Fitzgerald
Sent: Wednesday, July 17, 2024 11:13 AM
To: josephine@rapidbroadband.ie; info@rapidbroadband.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Hi Josephine,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF.

The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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Kind regards,

Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Raymond Ryan <rryan@towercom.ie>
Sent: Tuesday 9 July 2024 11:16
To: Ciarán Fitzgerald
Cc: Rachel Hennessy
Subject: FW: 240225 Telecoms Links
Attachments: Site_Boundary_V1_2024.07.03_240225.pdf; Site_Boundary_2024.07.03_240225.kml; Site_Boundary_2024.07.03.zip

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

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Dear Ciaran,

Thank you for your email.

Based on the Site boundary provided, I can confirm that Towercom Limited does not have any existing or planned links in the area. Our closest site is approx. 10km south at Drimoleague.

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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From: Rachel Hennessy <rachel.hennessy@towercom.ie>
Sent: Monday, July 8, 2024 2:33 PM
To: Raymond Ryan <rryan@towercom.ie>
Subject: FW: 240225 Telecoms Links

Hi Ray,

FYI

Thanks,
Rachel

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, July 4, 2024 10:09 AM
To: Rachel Hennessy <rachel.hennessy@towercom.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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Good Morning,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: [Gerard Cassidy](#)
Sent: Tuesday 27 August 2024 14:53
To: [Ciarán Fitzgerald](#)
Cc: [Robert Kennedy](#); [Kyril Cahill](#); [McCormack, Janette](#)
Subject: Re: 240225 Telecoms Links

Follow Up Flag: Follow up
Flag Status: Flagged

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Thanks Ciaran,

Apologies. I missed this originally.

The proposed sites are not in the path of our current links. They are quite close to our main FM transmitters in West Cork though and will likely have some effect on our listeners due to possible interference of our reception for local residents.

We've experienced these complaints in the past.

Here's a quick screenshot of our Links v Your Proposal.



Regards,

Ger

On Tue, 27 Aug 2024 at 12:32, Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie> wrote:

Hi Gerard,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

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From: Ciarán Fitzgerald
Sent: Wednesday, July 17, 2024 11:13 AM
To: gerard.cassidy@wirelessgroup.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Hi Gerard,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

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Kind regards,
Ciarán.

Ciarán Fitzgerald

Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Peter Thornton <pethornt@water.ie>
Sent: Friday 12 July 2024 11:51
To: Ciarán Fitzgerald; John Flaherty
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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Hi Ciarán,

I can confirm the Uisce Éireann have no radio links traversing the proposed development.

Regards,

Peter Thornton
Telemetry Services Manager

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Thursday, July 4, 2024 9:54 AM
To: John Flaherty <jflaherty@water.ie>; Peter Thornton <pethornt@water.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

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Hi All,

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Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.



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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 neamhúdraithe 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 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 bhfaighteoírí 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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may be monitored to ensure compliance with Uisce Éireann's policies and standards and to protect our business. Uisce Éireann is a designated activity company limited by shares, established pursuant to the Water Services Acts 2007-2022, having its principal place of business at Colvill House, 24-26 Talbot Street, Dublin 1.

Thank you for your attention.

Ciarán Fitzgerald

From: Adrian Carroll <Adrian.Carroll@viatel.com>
Sent: Tuesday 5 November 2024 11:21
To: Ciarán Fitzgerald; support_DW
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

Some people who received this message don't often get email from adrian.carroll@viatel.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 Ciaran,

We've nothing in this area

Regards,

Adrian
Carroll
Southern
RF
Operations
Manager



T: +353 (0)86 8372264

E: Adrian.Carroll@viatel.com



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Adrian Carroll

Network Operations Manager

M: +353 (0)86 8372264 **E:** Adrian.Carroll@viatel.com

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PUBLIC

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>

Sent: 26 August 2024 10:04

To: support_DW <support@digiweb.ie>

Cc: Robert Kennedy <rkennedy@mkoireland.ie>

Subject: RE: 240225 Telecoms Links

Good Morning,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Le gach dea ghúí,

Ciarán.

Ciarán Fitzgerald

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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PUBLIC

From: Ciarán Fitzgerald
Sent: Thursday, July 4, 2024 9:38 AM
To: support@digweb.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Good Morning,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Mark Nolan <Mark.Nolan@virginmedia.ie>
Sent: Tuesday 27 August 2024 13:05
To: Ciarán Fitzgerald
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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Hi Ciaran,

We don't have a presence in this area so no impact to VM wireless links.

Rgds

Mark

Mark Nolan B2B Access Network Manager
Virgin Media | LEDP, Roxboro Road, Limerick.
D: + 353(0) 1 2458480 | M: + 353(0)862315007
mark.nolan@virginmedia.ie | www.virginmedia.ie

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday, August 27, 2024 12:29 PM
To: Mark Nolan <Mark.Nolan@virginmedia.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

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Hi Mark,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO

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From: Ciarán Fitzgerald
Sent: Thursday, July 4, 2024 10:12 AM
To: mark.nolan@virginmedia.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Hi Mark,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

MKO

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Ciarán Fitzgerald

From: Keiran Butler <Keiran.Butler@virginmedia.ie>
Sent: Tuesday 5 November 2024 10:53
To: Ciarán Fitzgerald
Cc: Mark Nolan; Cathal O'Donnell
Subject: RE: 240225 Telecoms Links

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Hi Ciaran

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

Regards
Keiran Butler

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday 5 November 2024 10:19
To: Keiran Butler <Keiran.Butler@virginmedia.ie>
Cc: Mark Nolan <Mark.Nolan@virginmedia.ie>; Cathal O'Donnell <Cathal.O'Donnell@virginmedia.ie>
Subject: RE: 240225 Telecoms Links

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Hi Kieran ,

Please see attached

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Tuam Road, Galway, H91 VW84

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From: Keiran Butler <Keiran.Butler@virginmedia.ie>
Sent: Tuesday 5 November 2024 10:17
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Cc: Mark Nolan <Mark.Nolan@virginmedia.ie>; Cathal O Donnell <Cathal.ODonnell@virginmedia.ie>
Subject: FW: 240225 Telecoms Links

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

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Hi Ciaran

Can you pls forward on the original email with the KML file
Please use the email address attached as Liam is no longer with us

Regards
Keiran

From: Cathal O Donnell <Cathal.ODonnell@virginmedia.ie>
Sent: Tuesday 5 November 2024 09:11
To: Keiran Butler <Keiran.Butler@virginmedia.ie>
Subject: FW: 240225 Telecoms Links

Hi Keiran

Can you take a look at this one please

Thanks
Cathal

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Monday 4 November 2024 17:08
To: Liam.Allister@virginmedia.ie; Cathal O Donnell <Cathal.ODonnell@virginmedia.ie>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

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Good Afternoon,

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If you have any queries, please do not hesitate to get back to me.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: Ciarán Fitzgerald
Sent: Tuesday 27 August 2024 12:29
To: Liam.Allister@virginmedia.ie; Cathal.ODonnell@virginmedia.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

Hi All,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: Ciarán Fitzgerald
Sent: Thursday, July 4, 2024 10:11 AM
To: Liam.Allister@virginmedia.ie; Cathal.ODonnell@virginmedia.ie
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Hi All,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Robert Power, Vodafone (External) <robert.power1@vodafone.com>
Sent: Tuesday 27 August 2024 14:16
To: Ciarán Fitzgerald; Gavin Byrne, Vodafone
Cc: Robert Kennedy
Subject: RE: 240225 Telecoms Links

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

Hi All,

Vodafone does not have any transmission within the proposed area. See screenshot below.

Kind Regards,
Robert



Robert Power

Transmission Engineer

Technology- NET

+353864648455

robert.power1@vodafone.com

Vodafone Ireland Limited, Registered Office:

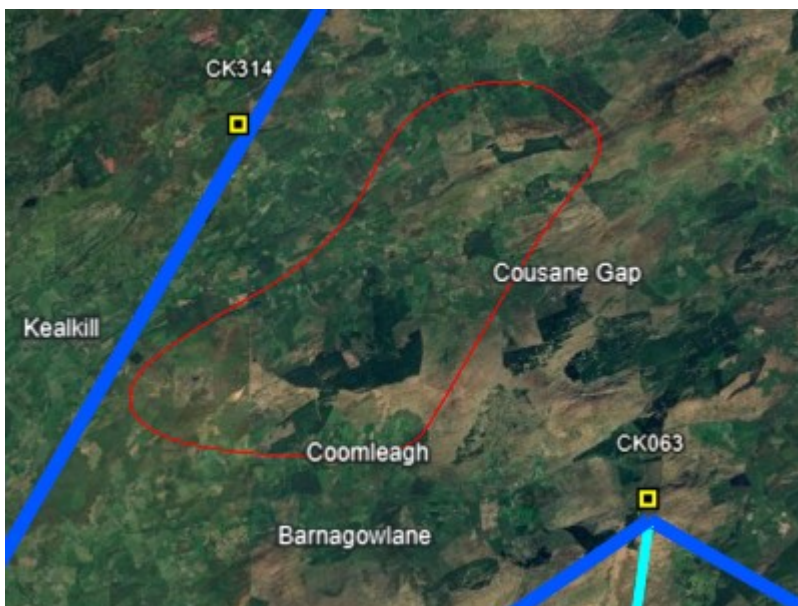
MountainView, Leopardstown, Dublin 18, Registered in

Ireland: No. 326967

vodafone.ie

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Ready?



C2 General

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Tuesday, August 27, 2024 12:30 PM
To: Gavin Byrne, Vodafone <gavin.byrne@vodafone.com>; Robert Power, Vodafone (External) <robert.power1@vodafone.com>
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: RE: 240225 Telecoms Links

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Good Afternoon,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me

Le gach dea ghúí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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



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From: Ciarán Fitzgerald
Sent: Thursday, July 4, 2024 10:14 AM
To: gavin.byrne@vodafone.com; robert.power1@vodafone.com
Cc: Robert Kennedy <rkennedy@mkoireland.ie>
Subject: 240225 Telecoms Links

Good Morning,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF.

The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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Ciarán Fitzgerald

From: Sarah Broughall <sarah@whizzyinternet.ie>
Sent: Friday 5 July 2024 10:36
To: Ciarán Fitzgerald
Subject: Re: 240225 Telecoms Links

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

Hi Ciarán,

Many thanks for your email, we have no links in this area.

Kind regards,
Sarah.

On Thu, Jul 4, 2024 at 9:57 AM Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie> wrote:

Hi Sarah,

MKO are undertaking constraints mapping for the viability of a renewable energy development at Maughanaclea, Co. Cork. Please see attached site boundary shapefiles, KML, and site location PDF. The coordinates for the approximate centre of the site are 510074 (X, ITM) ; 556863 (Y, ITM). The Proposed Development is located approximately 13km northeast of Bantry, Co. Cork.

Can you please let me know if you have any existing or planned links in this area, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Kind regards,

Ciarán.

Ciarán Fitzgerald

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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Ciarán Fitzgerald

From: Kelly HAYDEN <Kelly.Hayden@IAA.ie>
Sent: Wednesday 19 February 2025 15:02
To: Ciarán Fitzgerald
Subject: RE: Dear Customer,

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

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Good evening Ciarán,

From an aviation perspective, the Air Navigation Service Provider AirNav Ireland is responsible for the safeguarding of en-route communications, navigation and surveillance infrastructure within the state.

As such I would recommend that you engage with AirNav Ireland in relation to any proposed renewable energy development within the proposed location.

Relevant contact details are provided below:

Planning@airnav.ie

Kind Regards,

Kelly Hayden

Aviation Officer | Personnel Licensing Section

E: kelly.hayden@iaa.ie | www.iaa.ie |

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

*****NOTE*** The IAA are in the process of implementing a fully digitalised licence management system.**

Please ensure you have registered and setup an account at <https://iaa.mysrs.ie/auth/sign-in>
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***** MySRS is currently used for invoicing/billing purposes only*****



ÚDARÁS EITLÍOCHTA NA HéIREANN
IRISH AVIATION AUTHORITY

From: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Sent: Wednesday, February 19, 2025 2:47 PM
To: ATC Licensing <ATC.Licensing@IAA.ie>
Subject: RE: Dear Customer,

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

Good Afternoon,

I'm just following up again on the below email chain. Can you please let me know if you have any existing or planned links in this area mentioned in the first email, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
Graduate Environmental Scientist

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From: Ciarán Fitzgerald
Sent: Monday 4 November 2024 17:06
To: ATC Licensing <ATC.Licensing@IAA.ie>
Subject: RE: Dear Customer,

Good Afternoon,

I'm just following up on the below email. Can you please let me know if you have any existing or planned links in this area mentioned in the email below, and we shall incorporate these into our constraints mapping. If there are any links in the area, could you also send me the associated buffer zones of said links.

If you have any queries, please do not hesitate to get back to me.

Le gach dea ghuí,
Ciarán.

Ciarán Fitzgerald
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From: ATC Licensing <ATC.Licensing@IAA.ie>
Sent: Thursday 4 July 2024 10:06
To: Ciarán Fitzgerald <cnfitzgerald@mkoireland.ie>
Subject: Dear Customer,

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

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The Irish Aviation Authority Headquarters Building, including the Personnel Licensing office is open with restricted access.

Any queries should be directed to atclicensing@iaa.ie which will be processed in order of receipt.

Please check [our website](#) for general queries on ATC licensing.

Please bear with us and we will endeavour to reply as soon as we can.

Please check www.iaa.ie for further updates and information.

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