

Appendix 6D
EIAR Consultation Responses

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Calcagno, Grisel

From: Olivia Hughes <OHughes@offalycoco.ie>
Sent: 30 June 2023 14:35
To: Derrygreenagh Power Project
Cc: Niamh Slevin
Subject: EIA Consultation - Proposed Derrygreenagh Power Project Co. Offaly.
Attachments: Final REPORT SC.ED.23.02.docx

Importance: High

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Report Suspicious

Hi

Please see attached report re the above proposed development.

Please acknowledge receipt of this email.

Regards

Olivia Hughes

Planning Section | Offaly County Council

Phone Planning: +353 57 9357434 | Phone Switch: +353 57 9346 800

Email: ohughes@offalycoco.ie | Web: www.offaly.ie

Áras an Chontae, Charleville Road, Tullamore, Co. Offaly | R35 F893 | Ireland



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EIA COMMENTS REPORT

REF.: FILE REF. SC/ED/2302

APPLICANT: BORD NA MONA POWERGEN LTD

PROPOSAL: DERRYGREENAGH POWER PLANT

REPORT DUE DATE: 30TH JUNE 2023

Your correspondence dated 6th June 2023 on a proposed EIAR for Derrygreenagh Power Plant development is noted.

Given that the proposal development will be subject of a SID application OCC can not issue a formal scoping EIA, as this is the responsibility of An Bord Pleanala.

However, please have regard to the following internal comments from sections of Offaly County Council

Roads Designs Section:

- The developer will be responsible for maintaining the road network for the duration of his works and must mitigate and remove any risks to the road user due to pavement deterioration or failure.
- The developer must ensure an assigned resource within his team inspects the road network on a weekly basis and any mitigation measures required must be actioned immediately.

Environment/ Water Services Section

- The Environment & Water Services Section acknowledge that this scoping document refers to a potential planning permission application for a proposed power project at Derrygreenagh, Co. Offaly.
- It is noted that AECOM will prepare an Environmental Impact Assessment Report (EIAR) for the proposed development & overall project in accordance with the EU EIA Directive 2011/92/EU, as amended by EIA Directive 2014/52/EU and the European Union Regulations 2018.

- In response to your request for consultation on recommendations/comments in relation to environmental assessment process, due to the limited amount of detail as part of this received scoping document, we have no comments.
- However, the Environment & Water Services Section would urge the applicant to refer to the historical SID application granted by ABP under reference ABP-306706-20 in their preparations.
- Additionally, please refer to the Climate Action and Low Carbon Development (Amendment) Act 2021 & the Climate Action Plan 2023 for any considerations deemed necessary for this development.

Planning Section

Relevant sections of Offaly County Development Plan 2021-2027.

Michael Duffy

Michael Duffy

Executive Planner

30th June 2023

Calcagno, Grisel

From: GSI Planning <GSIPlanning@GSI.ie>
Sent: 13 June 2023 11:33
To: Derrygreenagh Power Project
Cc: GSI Planning; Planning Advisory
Subject: RE: EIS 23/142 - Proposed Derrygreenagh Power Project, Co Offaly – EIA Consultation
Attachments: 23_142 Derrygreenagh Power Project Co Offaly.pdf; GSI datasets relevant to EIA & SEA_20210421.pdf

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Dear Sir/Madam,

With reference to your email received on the 02 June 2023, concerning the Proposed Derrygreenagh Power Project, Co Offaly – EIA Consultation, please find attached response and dataset sheet from Geological Survey Ireland. If you have any further queries or if we can be of further assistance, please do not hesitate to contact me Trish Smullen, at GSIPlanning@gsi.ie.

Yours sincerely,
Trish Smullen



Trish Smullen Geoheritage & Planning.

Geological Survey Ireland, Booterstown Hall, Booterstown Ave., Co. Dublin A94 N2R6. Email: trish.smullen@gsi.ie www.gsi.ie

A division of the Department of the Environment, Climate and Communications.

From: GSI Planning <GSIPlanning@GSI.ie>
Sent: Friday 2 June 2023 14:06
To: Trish Smullen <Trish.Smullen@gsi.ie>
Cc: GSI Planning <GSIPlanning@GSI.ie>
Subject: EIS 23/142 - Proposed Derrygreenagh Power Project, Co Offaly – EIA Consultation
EIS 23/142

Proposed Derrygreenagh Power Project, Co Offaly – EIA Consultation. Request for observations by Aecom by 30 June 2023. Letter and further information is enclosed.

Regards,
John

From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>
Sent: Friday, June 2, 2023 11:58 AM
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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To Whom it May Concern,

AECOM have been appointed by Bord na Móna Powergen Limited to undertake an assessment of the environmental impact of Derrygreenagh Power Project within the Bord na Móna Energy Park. Bord na Móna Energy Park is situated within the Derrygreenagh bog group in Counties Offaly, Westmeath and Meath, but the Proposed Development lies entirely within the administrative boundary of Offaly County Council.

Yourself and/or your organisation have been identified as a consultee likely to have a view on the scope of Environmental Impact Assessment (EIA), the overall project in general and/or have a specific interest in the study

area. It is for this reason we are contacting you now. Please find attached consultation letter and package of information outlining the project.

If you do wish to make comment, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O'Connor

Associate Director, Environment

AECOM Environment & Planning

AECOM

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



AECOM
4th Floor, Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co Dublin

13 June 2023

Re: Proposed Derrygreenagh Power Project, Co Offaly – EIA Consultation

Your Ref: n/a

Our Ref: 23/142

Dear Sir/Madam,

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 gather various data for that purpose. Please see our [website](#) for data availability. We recommend using these various data sets, when conducting the EIAR, SEA, planning and scoping processes. Use of our data or maps should be attributed correctly to 'Geological Survey Ireland'.

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 is 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 this data is a baseline or starting point for further site-specific assessments.

With reference to your email received on the 02 June 2023, concerning the Proposed Derrygreenagh Power Project, Co Offaly – EIA Consultation, Geological Survey Ireland would encourage use of and reference to our datasets. Please find attached a list of our publicly available datasets that may be useful to the environmental assessment and planning process. We recommend that you review this list and refer to any datasets you consider relevant to your assessment. The remainder of this letter and following sections provide more detail on some of these datasets.

Geoheritage

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

The audit for Co. Offaly was carried out 2016. The full report details can be found at [here](#). **Our records show that there are no CGSs within the proposed development boundary.**

Groundwater

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

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

The Groundwater Data Viewer indicates aquifers classed as a 'Locally Important Aquifer - Bedrock which is Generally Moderately Productive' and a 'Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones' underlie the proposed development.



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

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

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

Geological Mapping

Geological Survey Ireland maintains online datasets of bedrock and subsoils geological mapping that are reliable and accessible. We would encourage you to use these data which can be found [here](#), in your future assessments.

Please note we have recently launched QGIS compatible bedrock (100K) and Quaternary geology map data, with instructional manuals and videos. This makes our data more accessible to general public and external stakeholders. QGIS compatible data can be found in our downloadable bedrock 100k .zip file on the [Data & Maps](#) section of our website.

Geohazards

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

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

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

Natural Resources (Minerals/Aggregates)

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

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

Geochemistry of soils, surface waters and sediments

Geological Survey Ireland provides baseline geochemistry data for Ireland as part of the Tellus programme. Baseline geochemistry data can be used to assess the chemical status of soil and water at a regional scale and to support the assessment of existing or potential impacts of human activity on environmental chemical quality.



Tellus is a national-scale mapping programme which provides multi-element data for shallow soil, stream sediment and stream water in Ireland. At present, mapping consists of the border, western and midland regions. Data is available at <https://www.gsi.ie/en-ie/data-and-maps/Pages/Geochemistry.aspx>.

Guidelines

The following guidelines may also be of assistance:

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

Other Comments

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

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

Yours sincerely,

Dr. Clare Glanville
Senior Geologist
Geological Survey Ireland

Trish Smullen
Geoheritage and Planning Programme
Geological Survey Ireland

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

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

Geological Survey Ireland Programme	Dataset	Relevant EIA Topic	Coverage	Description / Notes / Limitations	Link to Geological Survey Ireland map viewer
Geohazards	Landslide: National landslide database and landslide susceptibility map	Land & Soil/Climate/Landscape	National	Associated guidance documentation relating to the National Landslide Susceptibility Map is also available.	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=b68cf1e4a9044a5981f950e9b9c5625c
Geohazards	Groundwater Flooding (Historic)	Water	Regional	Provide information of historic flooding, both surface water and groundwater. [A lack of flooding presented in any specific location of the map only indicates that a flood has not been detected. It does not indicate that a flood cannot occur in that location at present or in the future]	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=848f83c85799436b808652f9c735b1cc
Geohazards	Groundwater Flooding (Predictive)	Water	Regional	Provides information on the probability of future karst groundwater flooding (where available). [The maps do not, and are not intended to, constitute advice. Professional or specialist advice should be sought before taking, or refraining from, any action on the basis of the flood maps]	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=848f83c85799436b808652f9c735b1cc
Geohazards	Radon Map	Land & Soils/Air	National		http://www.epa.ie/radiation/radonmap/
Geoheritage	County Geological Sites as adopted by National Heritage Plan and listed in County Development Plans	Land & Soils/Landscape	Regional	All geological heritage sites identified by Geological Survey Ireland are categorised as CGS pending any further NHA designation by NPWS.	https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=a30af518e87a4c0b2fbd2aaac3c228
Geological Mapping	Bedrock geology:	Land & Soils	National	1:100,000 scale and associated memoirs.	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=de7012a99d2748ea9106e7e1b6ab8d58&scale=0
Geological Mapping	Bedrock geology:	Land & Soils	Regional	1:50,000 scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=de7012a99d2748ea9106e7e1b6ab8d58&scale=0
Geological Mapping	Quaternary geology: Sediments	Land & Soils	National	1:50,000 scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=de7012a99d2748ea9106e7e1b6ab8d58&scale=0
Geological Mapping	Quaternary geology: Geomorphology	Land & Soils	National	1:50,000 scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=de7012a99d2748ea9106e7e1b6ab8d58&scale=0
Geological Mapping	Physiographic units:	Land & Soils	National	Broad-scale physical landscape units mapped at 1:100,000 scale in order to be represented as a cartographic digital map at 1:250,000 scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=afa76a420f54877843aca1bc075c62b
Geological Mapping	GeoUrban: Spatial geological data for the greater Dublin and Cork areas	Land & Soils	Regional	Includes 3D models	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=9768f4818b794c16093beb2212a850ce6&scale=0
Geological Mapping	Geotechnical database	Land & Soils	National	Digitised geotechnical and Site Investigation Reports and boreholes which can be accessed through online downloads	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=a21718be1873d47a585a3f0415b4a724c
Goldmine	Historical data sets including geological memoirs and 6" to 1 mile geological mapping records	Land & Soils/Water	National	available online	https://secure.dcca.gov.ie/goldmine/index.html
Groundwater & Geothermal	Groundwater resources (aquifers)	Water	National	Data limited to 1:100,000 scale; sites should be investigated at local scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Groundwater recharge.	Water	National	Data limited to 1:40,000 scale; sites should be investigated at local scale; long term annual average recharge	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Groundwater vulnerability.	Water	National	Data limited to 1:40,000 scale; sites should be investigated at local scale	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Group scheme and public supply source protection areas.	Water	National	Not all PWS / GWS have SPZ / ZOC. Check with IW / coco / NFGWS for private supplies.	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Groundwater Protection Schemes	Water	National	Data is limited to scale of 1:40,000. Data does not include all of the source protection areas	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Catchment and WFD management units.	Water	National		https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	karst specific data layers	water	National	For areas underlain by limestone, includes karst features, tracer test database; turf/lough water levels (gwlevel.ie)	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Wells and Springs	Water	National	Not comprehensive, there may be unrecorded wells and springs	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=7e8a202301594687ab14629a10b748ef
Groundwater & Geothermal	Groundwater body Descriptions	Water	National	Not exhaustive; only those in designated SACs; could be other GWDTEs; for more information contact NPWS / EPA / site investigations Also, Roadmap for a Policy and Regulatory Framework for Geothermal Energy, November 2020	https://www.gsi.ie/en-ie/programmes-and-projects/groundwater-and-geothermal-unit/activities/understanding-ireland-groundwater/Pages/Groundwater-bodies.aspx
Groundwater & Geothermal	Geothermal Suitability maps	Land & Soils/Water	National		https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=9e46be08de41278b90a991160c0b9e
Marine & Coastal Unit	INFOMAR - Ireland's national marine mapping programme; providing key baseline data for Ireland's	Water	National		https://secure.dcca.gov.ie/GSI/INFOMAR_VIEWER/
Marine & Coastal Unit	CHERISH - Coastal change project (Climate, Heritage and Environments of Reefs, Islands, and Headlands)	Water	Regional		http://www.cherishproject.eu/en/
Marine & Coastal Unit	Coastal Vulnerability Index (CVI).	water / Land & Soils	Regional	Currently the project is being carried out on the east coast and will be rolled out nationally	https://www.gsi.ie/en-ie/programmes-and-projects/marine-and-coastal-unit/projects/Pages/Coastal-Vulnerability-Index.aspx
Minerals	Aggregate potential	Land & Soils/Material Assets	National	Consideration of mineral resources and potential resources as a material asset which should be explicitly recognised within the environmental assessment process	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=ee8c4c285a49413aa6f1344416dc9956
Minerals	Active quarries	Land & Soils	National		https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=ee8c4c285a49413aa6f1344416dc9956
Minerals	Historic mines	Land & Soils/Cultural Heritage	National	Inventory and Risk Classification 2009. Environmental Protection Agency, Economic Minerals Division and Geological Survey Ireland (DECC).	https://gis.epa.ie/EPAMaps/default?zesting=7&northing=7&lid=EPA:LEMA_Facilities_Extractive_Facilities https://www.epa.ie/enforcement/mines/
Tellus	Geochemical data: multi-element data for shallow soil, stream sediment and stream water	Land & Soils	Regional	A national mapping programme	https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=6304e122b733498b99642707f72754
Tellus	Airborne geophysical data including radiometrics, electromagnetics and magnetics	Land & Soils	Regional	A national mapping programme	https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=6304e122b733498b99642707f72754
Tellus	urban geochemistry mapping (Dublin SURGE project).	Land & Soils	Regional		https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=6304e122b733498b99642707f72754

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

Calcagno, Grisel

From: O Connor, Peter
Sent: 06 July 2023 14:50
To: Derrygreenagh Power Project
Subject: FW: **REMINDER** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

Peter O' Connor
Technical Director, Environment
M +44-(0)7503-627-897
peter.oconnor@aecom.com

[Advance Notice of Annual Leave](#)
Thursday 13th – Monday 17th July inc.

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From: Consumeraffairs Hsedne <ConsumerAffairs.HSEDNE@hse.ie>
Sent: 06 July 2023 14:18
To: O Connor, Peter <peter.oconnor@aecom.com>
Subject: RE: **REMINDER** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Dear Mr O Connor ,

Re EIA consultation I have forwarded your reminder to Ms Carole Broadbank Chief Officer CHO8
,EMAIL CHO8@HSE.IE.

Kind regards,

Rosalie SmithLynch

From: O Connor, Peter [<mailto:peter.oconnor@aecom.com>]
Sent: 06 July 2023 13:42
Subject: RE: **REMINDER** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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To Whom it May Concern,

RE: **REMINDER EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly**

Further to the EIA Consultation issued on 02 June 2023 below in relation to Proposed Derrygreenagh Power Project, Co. Offaly if you do wish to make comment and did not do so by the 30 June 2023 deadline, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible in order for them to be taken into consideration.

Kind Regards,

Peter O' Connor
Technical Director, Environment
peter.oconnor@aecom.com

AECOM
aecom.com

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From: Derrygreenagh Power Project
Sent: 02 June 2023 11:58
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

To Whom it May Concern,

AECOM have been appointed by Bord na Móna Powergen Limited to undertake an assessment of the environmental impact of Derrygreenagh Power Project within the Bord na Móna Energy Park. Bord na Móna Energy Park is situated within the Derrygreenagh bog group in Counties Offaly, Westmeath and Meath, but the Proposed Development lies entirely within the administrative boundary of Offaly County Council.

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If you do wish to make comment, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O' Connor
Technical Director, Environment
peter.oconnor@aecom.com

AECOM
aecom.com

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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 iúil 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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Calcagno, Grisel

To: O Connor, Peter
Subject: RE: ****REMINDER**** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

From: Housing Manager DAU <Manager.DAU@npws.gov.ie>
Sent: 29 June 2023 14:32
To: O Connor, Peter <peter.oconnor@aecom.com>
Subject: RE: ****REMINDER**** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Report Suspicious

Our Ref G Pre00113/2023

A Chara,

Please find attached Heritage related recommendations for the above mentioned pre-planning application.

Regards
Diarmuid

Diarmuid Buttimer
Executive Officer

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

Development Applications Unit

Oifigí an Rialtais

Government Offices

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

Newtown Road, Wexford, County Wexford, Y35 AP90

Diarmuid.Buttimer@npws.gov.ie
Manager.DAU@npws.gov.ie

From: O Connor, Peter <peter.oconnor@aecom.com>
Sent: Wednesday 28 June 2023 16:41
Subject: RE: ****REMINDER**** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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To Whom it May Concern,

RE: **REMINDER EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly**

Further to the EIA Consultation issued on 02 June 2023 below in relation to Proposed Derrygreenagh Power Project, Co. Offaly if you do wish to make comment and have not done so already, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O' Connor
Technical Director, Environment
peter.oconnor@aecom.com

AECOM
aecom.com

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From: Derrygreenagh Power Project
Sent: 02 June 2023 11:58
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

To Whom it May Concern,

AECOM have been appointed by Bord na Móna Powergen Limited to undertake an assessment of the environmental impact of Derrygreenagh Power Project within the Bord na Móna Energy Park. Bord na Móna Energy Park is situated within the Derrygreenagh bog group in Counties Offaly, Westmeath and Meath, but the Proposed Development lies entirely within the administrative boundary of Offaly County Council.

Yourself and/or your organisation have been identified as a consultee likely to have a view on the scope of Environmental Impact Assessment (EIA), the overall project in general and/or have a specific interest in the study area. It is for this reason we are contacting you now. Please find attached consultation letter and package of information outlining the project.

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Kind Regards,

Peter O' Connor
Technical Director, Environment
peter.oconnor@aecom.com

AECOM
aecom.com

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Your Ref: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Our Ref: G Pre00113/2023 (Please quote in all related correspondence)

29 June 2023

AECOM
1st Floor
Montrose House
Carrigaline Road
Douglas
Cork

Via email: N3M50toClonee@aecom.com

Proposed Pre Planning Development: AECOM - Bord na Móna Powergen Limited: an assessment of the environmental impact of Derrygreenagh Power Project within the Bord na Móna Energy Park: Bord na Móna Energy Park, Derrygreenagh Bog

A chara

I refer to correspondence received in connection with the above. Outlined below are heritage-related observations/recommendations co-ordinated by the Development Applications Unit under the stated headings.

Archaeology

It is noted that the proposed development is large in scale. Given the scale, extent and location of the proposed development it could impact on Recorded and subsurface archaeological remains.

In line with national policy, see Section 3.6 of the Frameworks and Principles for the Protection of the Archaeological Heritage 1999, the Department recommends that an Archaeological Impact Assessment, as outlined below, should be prepared to assess any impact on archaeological remains within the proposed development site. This assessment should be submitted as Further Information. This will enable the Planning Authority and this office to prepare an appropriate archaeological recommendation before a planning decision is taken.

Archaeological Investigations

1. The applicant is required to engage the services of a suitably qualified archaeologist to carry out an archaeological impact assessment of the development site. No sub-surface developmental work, including geotechnical test pits, should be undertaken until the archaeological assessment has been completed and commented on by this office.
2. The archaeologist shall carry out any relevant documentary research and inspect the development site. As part of the assessment a programme geophysical survey and test



excavations should be carried out at locations chosen by the archaeologist (licensed under the National Monuments Acts 1930-2004), having consulted the site drawings and the Department

3. Having completed the work, the archaeologist shall submit a written report stating their recommendations to the Planning Authority and to the Department. Where archaeological material/features are shown to be present, preservation in situ, preservation by record (excavation) or monitoring may be required.

Reason: To ensure the continued preservation (either in situ or by record) of places, caves, sites, features or other objects of archaeological interest.

Nature Conservation

The Department is not in a position to make specific comment on this particular referral at this time. No inference should be drawn from this that the Department is satisfied or otherwise with the proposed activity.

The Department may submit observations/recommendations at a later stage in the process.

The above observations/recommendations are based on the papers submitted to this Department on a pre-planning basis and are made without prejudice to any observations that the Minister may make in the context of any consultation arising on foot of any development application referred to the Minister, by the planning authority/ies, in the role as statutory consultee under the Planning and Development Act, 2000, as amended.

You are requested to send further communications to the Development Applications Unit (DAU) at manager.dau@housing.gov.ie.

Is mise le meas,

Diarmuid Buttimer
Development Applications Unit
Administration

Calcagno, Grisel

Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

From: Defence Property Management Planning PropertyManagementPlanning@defence.ie

Sent: 04 August 2023 13:09

To: Derrygreenagh Power Project DerrygreenaghPowerProject@aecom.com; Derrygreenagh Power Project DerrygreenaghPowerProject@aecom.com

Cc: Jason Kearney (Defence) Jason.Kearney@defence.ie; Gillian Holden (Defence) Gillian.Holden@defence.ie

Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Without Prejudice

Dear Mr. O'Connor,

I refer to your e-mail below and attached documentation, relating to the proposed Bord na Móna Derrygreenagh Power Project within the Bord na Móna Energy Park, situated within the Derrygreenagh bog group in County Offaly.

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 is made on a non-prejudicial basis, and is not intended to be used to rely on for a prospective planning application, nor is this 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. It should be noted that observations may be made at the formal planning process.

Nothing in the above 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.

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.

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

Sent: 14 July 2023 08:50

To: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>

Cc: Gillian Holden (Defence) <Gillian.Holden@defence.ie>; Jason Kearney (Defence) <Jason.Kearney@defence.ie>

Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Report Suspicious

Dear Mr. O'Connor,

The Department of Defence wishes to acknowledge receipt of the below e-mail and attached documentation. The Department will consider your request and revert in due course.

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: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>
Sent: Friday 2 June 2023 11:58
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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If you do wish to make comment, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O'Connor
Associate Director, Environment
AECOM Environment & Planning

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Fógra faoi Rúndacht: Tá an ríomhphost seo agus aon iatán a ghabhann leis rúnda. Is leis an duine / nó daoine sin amháin a bhfuil siad seolta chucu a bhaineann siad agus ní ceart iad a léamh ná a scaoileadh chuig aon tríú páirtí gan cead roimh ré ón Roinn Cosanta.

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Calcagno, Grisel

From: Transport GCU <GeneralCo-OrdinationUnit@transport.gov.ie>
Sent: 28 June 2023 09:49
To: Derrygreenagh Power Project
Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: 20230627 Dot Response.docx

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Good morning,

Please find attached for your consideration observations on behalf of the Department of Transport in relation to the EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly.

Kind regards

Jacqui

Jacqui Traynor

Central Policy, Coordination and Reform

An Roinn Iompair

Department of Transport

Lána Liosain, Baile Átha Cliath, D02 TR60

Leeson Lane, Dublin, D02 TR60

T +353 (0)1 604 1177

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

From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>

Sent: Friday 2 June 2023 11:58

Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Kind Regards,

Peter O'Connor

Associate Director, Environment

AECOM Environment & Planning

AECOM

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Mr. Peter O'Connor
Associate Director, Environment
AECOM Environment & Planning
4th Floor, Adelphi Plaza
Georges Street Upper
Dun Laoighre
Co. Dublin
A96 T927
28th June 2023

RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

Dear Mr. O' Connor,

The Department of Transport has the following observation to make in relation to the EIA Consultation on the proposed Derrygreenagh Power Project, Co. Offaly

As well as assessing the potential for temporary car parks during the construction phase, consideration should also be given to the provision of/for sustainable modes of travel, primarily with respect to the transport of construction staff.

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

Lána Líosain, Baile Átha Cliath, D02 TR60, Éire
Leeson Lane, Dublin 2, D02 TR60, Ireland
T +353 1 6707444 | info@transport.gov.ie
www.gov.ie/transport

Calcagno, Grisel

From: Cillian Claffey (C) <cillian.claffey@water.ie>
Sent: 07 June 2023 12:38
To: Derrygreenagh Power Project
Cc: Planning
Subject: FW: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: DerrygreenaghPowerProject_EIAConsultation Letter_Rev0(MERGED).pdf;
UisceÉireann_EIAScopingOpinion_Derrygreenagh Power Project .pdf

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Good afternoon Peter,

Hope you are keeping well today.

Please find attached Uisce Éireann's response to your EIA scoping request relating to the forthcoming planning application for Derrygreenagh Power Project.

Just to note going forward that I am the planning lead for this region and will act as interface for Uisce Éireann on this application.

Could you please notify myself OR planning@water.ie upon submission on this application so that we can get a heads up and ensure we receive the referral in adequate time.

If you have any questions, please let me know and I will do my best to assist you with your query.

Kind regards,

[Cillian Claffey](#)
[Development Management Planning](#)

Mallow
Uisce Éireann
Teach na hAbhann Duibhe, Mala, Co. Chorcaí, P51 K3CX
Uisce Éireann
Blackwater House, Mallow, Co. Cork, P51 K3CX

[M +353 89 260 3904](tel:+353892603904)
cillian.claffey@water.ie
www.water.ie
[Facebook](#) | [Twitter](#) | [LinkedIn](#)

From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>
Sent: Friday 2 June 2023 11:58
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Kind Regards,

Peter O'Connor
Associate Director, Environment
AECOM Environment & Planning

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For the attention of Peter O'Connor
Associate Director, Environment
AECOM Environment & Planning
AECOM

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

7th June 2023

By Email: derrygreenagh@aecom.com

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 Derrygreenagh Power Project located in the townland of Derrygreenagh, in close proximity to the boarder between Co. Offaly and Co. Westmeath.

Dear Peter O'Connor,

Uisce Éireann has received notification of your Environmental Impact Assessment (EIA) scoping request relating to Bord na Móna Powergen Ltd.'s forthcoming application relating to the Derrygreenagh Power Project.

Please see attached, Uisce Éireann's scoping opinion in relation to Water Services. On receipt of the planning referral, Uisce Éireann will review the finalised Environmental Impact Assessment Report (EIAR) as part of the planning process.

Queries relating to the terms and the EIA scoping opinions below should be directed to planning@water.ie

PP. *Ali Robinson*

Yvonne Harris

Connections and Developer Services

Uisce Éireann's Response to EIA Scoping Requests

At present, Uisce Éireann does not have the capacity to advise on the scoping of individual projects. However, in general the following aspects of Water Services should be considered in the scope of an EIA 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.

All pre-connection enquiry forms are available from <https://www.water.ie/connections/connection-steps/>.
- 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) 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.

Calcagno, Grisel

From: Landuse Planning <LandUsePlanning@tii.ie>
Sent: 14 June 2023 17:02
To: Derrygreenagh Power Project
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: Derrygreenagh Power Project.pdf

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Dear Mr. O'Connor,

Please find attached a copy of TII's observations on the above EIAR Scoping referral.

Yours sincerely,
Michael McCormack
Senior Land Use Planner

From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>
Sent: Friday, June 2, 2023 11:58 AM
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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To Whom it May Concern,

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If you do wish to make comment, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O'Connor
Associate Director, Environment
AECOM Environment & Planning

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

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Peter O'Connor
Associate Director
Environment
AECOM Environment & Planning

by e.mail; derrygreenagh@aecom.com

Dáta | Date
14 June, 2023

Ár dTag | Our Ref.
TII23-123201

Re. EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

Dear Mr. O'Connor

I acknowledge receipt of your e.mail of 2 June, 2023, relating to the above EIAR Scoping exercise.

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

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

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

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

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

- Consultations should be had with the relevant Local Authority/National Roads Design Office with regard to locations of existing and future national road schemes,
- 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 should assess visual impacts from existing national roads,

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- The developer should have regard to any EIAR/EIS and all conditions and/or modifications imposed by An Bord Pleanála regarding road schemes in the area. The developer should in particular have regard to any potential cumulative impacts,
- The developer, in preparing EIAR, should have regard to TII Publications (formerly DMRB and the Manual of Contract Documents for Road Works).
- The developer, in preparing EIAR, should have regard to TII's Environmental Assessment and Construction Guidelines, including the Guidelines for the Treatment of Air Quality During the Planning and Construction of National Road Schemes (National Roads Authority, 2006),
- The EIAR/EIS should consider the Environmental Noise Regulations 2006 (SI 140 of 2006) and, in particular, how the development will affect future action plans by the relevant competent authority. The developer may need to consider the incorporation of noise barriers to reduce noise impacts (see Guidelines for the Treatment of Noise and Vibration in National Road Schemes (1st Rev., National Roads Authority, 2004)),
- It would be important that, where appropriate, subject to meeting the appropriate thresholds and criteria and having regard to best practice, a Traffic and Transport Assessment be carried out in accordance with relevant guidelines, noting traffic volumes attending the site and traffic routes to/from the site with reference to impacts on the national road network and junctions of lower category roads with national roads. In relation to national roads, the Authority's Traffic and Transport Assessment Guidelines (2014) should be referred to in relation to proposed development with potential impacts on the national road network. The scheme promoter is also advised to have regard to Section 2.2 of the NRA/TII TTA Guidelines which addresses requirements for sub-threshold TTA. Any improvements required to facilitate development should be identified. It will be the responsibility of the developer to pay for the costs of any improvements to national roads to facilitate the private development proposed as TII will not be responsible for such costs,
- The designers are asked to consult TII Publications to determine whether a Road Safety Audit is required,
- In the interests of maintaining the safety and standard of the national road network, the EIAR should identify the methods/techniques proposed for any works traversing/in proximity to the national road network,
- TII recommends that that applicant/developer should clearly identify haul routes proposed and fully assess the network to be traversed. Where abnormal 'weight' loads are proposed, separate structure approvals/permits and other licences may be required in connection with the proposed haul route. 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 abnormal loads 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.

- It is noted that grid connection to the national grid is detailed in the EIAR Scoping Report and does not interface with the national road network in the area. Notwithstanding, in the event that proposals may alter, please note, any grid connection and cable routing proposals should be developed to safeguard proposed road schemes as TII will not be responsible for costs associated with future relocation of cable routing where proposals are catered for in an area of a proposed national road scheme. In that regard, consideration should be given to routing options, use of existing crossings, depth of cable laying, etc.

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

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

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

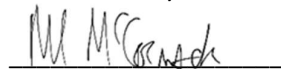
Other consents or licences may be required from the road authority for any trenching or cabling proposals crossing the national road. The Authority requests referral of all proposals agreed and licensed between the road authority and the applicant which affect the national road network.

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

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

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

Yours sincerely,



Michael McCormack
Senior Land Use Planner

Calcagno, Grisel

From: planning applications <planning.applications@failteireland.ie>
Sent: 20 June 2023 15:14
To: Derrygreenagh Power Project
Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: Fáilte Ireland EIAR Guidelines.pdf

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Report Suspicious

Hello Peter,

Thank you for your email, attached consultation letter and package of information outlining the proposed project situated within the Bord na Móna Energy Park which is situated within the Derrygreenagh bog group in Counties Offaly, Westmeath and Meath.

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

Regards,

Yvonne

Yvonne Jackson

Product Development-Environment & Planning Support | Fáilte Ireland

88-95 Amiens Street, Dublin 1, D01 WR86

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From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>

Sent: Friday, June 2, 2023 11:58 AM

Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

[ATTENTION] 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.

To Whom it May Concern,

AECOM have been appointed by Bord na Móna Powergen Limited to undertake an assessment of the environmental impact of Derrygreenagh Power Project within the Bord na Móna Energy Park. Bord na Móna Energy Park is situated within the Derrygreenagh bog group in Counties Offaly, Westmeath and Meath, but the Proposed Development lies entirely within the administrative boundary of Offaly County Council.

Yourself and/or your organisation have been identified as a consultee likely to have a view on the scope of Environmental Impact Assessment (EIA), the overall project in general and/or have a specific interest in the study

area. It is for this reason we are contacting you now. Please find attached consultation letter and package of information outlining the project.

If you do wish to make comment, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O'Connor

Associate Director, Environment

AECOM Environment & Planning

AECOM

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Fáilte Ireland
National Tourism Development Authority

EIAR Guidelines for the Consideration of Tourism and Tourism Related Projects



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1. Introduction

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

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

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

2. Background to this Document

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

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

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

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

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

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

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

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

3. Legislation and Statutory Guidance

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

Legislation

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

Statutory Guidance

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

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

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

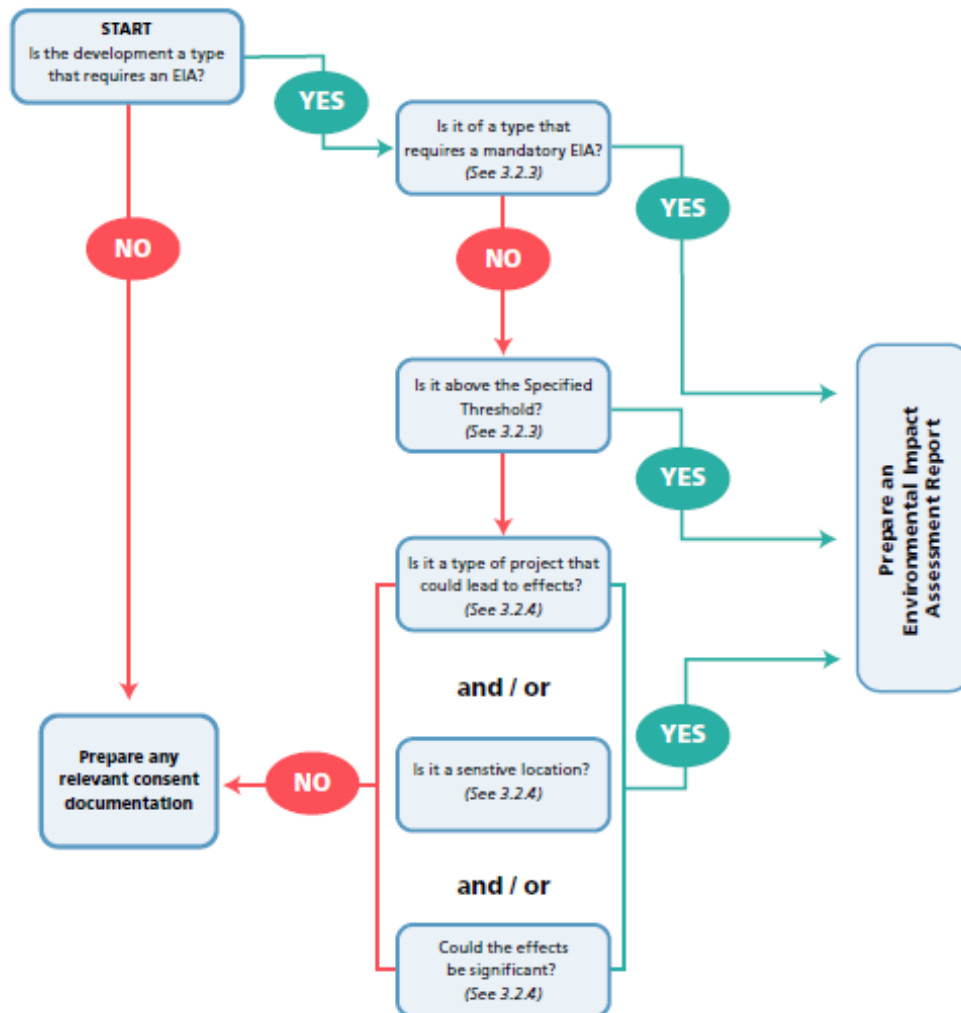
Screening

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

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

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

Figure 1: EIAR Screening Process



(Taken from Fig 3.2 of the EPA Guidelines)

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

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

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

EIAR Scoping

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

4. Assessing Tourism

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

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

Projects which involve a tourism element

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

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

Projects which may have an impact upon tourism

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

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

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

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

5. Guiding Principles of EIAR

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

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

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

6. Consideration of Competency and Qualifications

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

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

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

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

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

7. EIAR Requirements

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

- project description;
- assessment of alternatives considered;

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

Project Description

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

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

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

Assessment of Alternatives

The assessment of alternatives is a requirement of EIAR

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

Baseline Assessment

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

For example, in a tourism context;

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

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

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

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

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

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

Impact Assessment

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

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

Population and Human Health

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

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

Biodiversity

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

Land, Soils and Geology

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

Water

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

Air Quality and Climate

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

Noise and Vibration

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

Material Assets; Traffic and Transport

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

Cultural Heritage

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

Archaeology

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

Material Assets; Waste Management

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

Material Assets

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

Landscape

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

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

Major Accident and Natural Disaster

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

Interaction of Effects

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

Mitigation

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

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

Reduce the exposure of sensitive resources to excessive environmental impact

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

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

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

Cumulative Impact

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

Transboundary Impact

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

8. Sources of information on Tourism

Information available online

Fáilte Ireland

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

Tourism Ireland

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

Local Authorities

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

Regional Authorities

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

Central Statistics Office

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

Calcagno, Grisel

Subject: FW: Peter O'Connor RE:EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: DerrygreenaghPowerProject_EIAConsultation Letter_Rev0(MERGED).pdf

From: Noel McGloin Noel.McGloin@fisheriesireland.ie

Sent: 30 June 2023 11:37

To: O Connor, Peter peter.oconnor@aecom.com; Derrygreenagh Power Project DerrygreenaghPowerProject@aecom.com

Cc: Francis Carolan Francis.Carolan@fisheriesireland.ie; Kevin O'Brien <Kevin.O'Brien@fisheriesireland.ie>; Robert Bergin

Robert.Bergin@fisheriesireland.ie; Maureen Byrne Maureen.Byrne@fisheriesireland.ie

Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Dear Sir,

Our comments are as follows regarding the above.

Inland Fisheries Ireland (IFI) is a Statutory Body established on the 1st July 2010. Under section 7(1) of the Inland Fisheries Act 2010 (No. 10 of 2010) *the principal function of IFI is the protection, management and conservation of the inland fisheries resource*. Under section 7(3) of the IFI Act it is stated that *without prejudice to subsection (1), IFI shall in the performance of its functions have regard to (g) the requirements of the European Communities (Natural Habitats) Regulations 1997 (S.I. No. 94 of 1997) and the need for the sustainable development of the inland fisheries resource (including the conservation of fish and other species of fauna and flora habitats and the biodiversity of inland water ecosystems), (h) as far as possible, ensure that its activities are carried out so as to protect the national heritage (within the meaning of the Heritage Act 1995).*

The EU Water Framework Directive (2000/60/EC) entered into force in December 2000 requires the protection of the ecological status of river catchments – this encompasses water quality and requires the conservation of habitats for ecological communities. One of the primary objectives of the Directive is to establish a framework which prevents further deterioration and protects and enhances the status of aquatic ecosystems. Protection of aquatic ecosystems requires that river systems be protected on a catchment basis.

Article 5 of the 2009 Surface Water Regulations requires that a public authority, in performance of its functions, shall not undertake those functions in a manner that knowingly causes or allows deterioration in the chemical or ecological status of a body of surface water. Also article 28(2) of the said Regulations states that a surface water body whose status is determined to be less than good shall be restored to at least good status not later than the end of 2015 and any water body of good status should remain at least this status.

This site is within the catchment of and adjacent to the Yellow(Castlejordan) River. This is currently at *poor* status(2020) at local site RS07Y0270070 (a dis-improvement from *moderate* since 2018. The river contains stocks of Atlantic Salmon, Brown Trout, lamprey and eels.

Our concerns would be regarding any potential effects any proposed abstraction and discharge. At short notice we retrieved the flow figures (Source: Offaly Co. Co., Rhode Wastewater Treatment Plant, EPA Licence Application Form, EPA figures for Garr Bridge 1955 to 1977) for the Yellow River. These are 207 m³/d for dwf, 893 m³/d for 95%ile flow and 5080 m³/d for average flow. Using these figures as a very general guideline (46 years later), with climate change and summer droughts we calculate using your possible discharge flow of 360 m³/d that the discharge flow will be 173% of the dry weather flow or 40% of the dwf. Based on this we have serious concerns regarding the fisheries habitat.

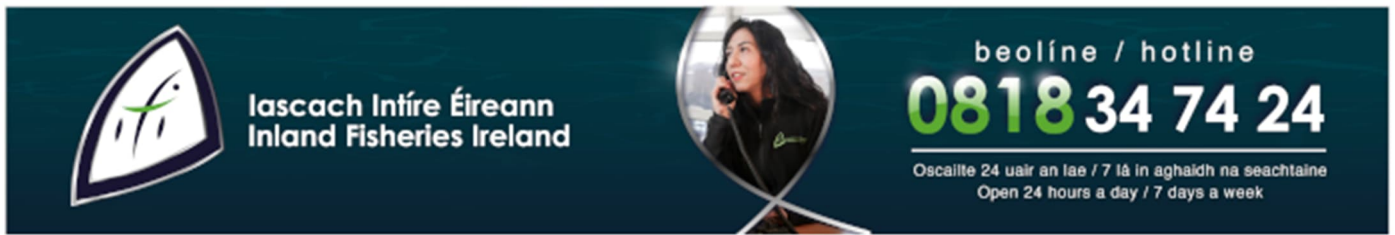
Regarding cooling water, will all or any of this be dealt with by cooling tower(s) or will this be discharged to waters?

Your abstraction appears to be from boreholes? The base flow of a river such as the Yellow River may form an important part of the total flow. Again, using your abstraction figure of 630m³/day, this makes up 300% of the dwf, 71% of the 95%ile flow and 12% of the average flow. Based on this we have serious concerns regarding the fisheries habitat

Please forward us a copy of any further Information in due course.

Yours sincerely,

Noel McGloin
Senior Fisheries Environmental Officer



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

From: Noel McGloin Noel.McGloin@fisheriesireland.ie
Sent: 29 June 2023 12:22
To: O Connor, Peter peter.oconnor@aecom.com
Cc: Derrygreenagh Power Project DerrygreenaghPowerProject@aecom.com
Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

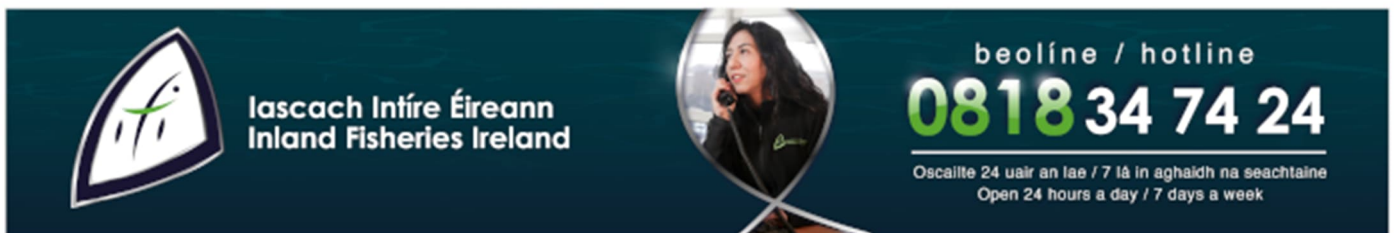
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Peter,
Can you send your attachments again please as I appear to have lost that particular email. I plan to have my submission in by tomorrow deadline.
Best regards,
Noel

Noel McGloin
Senior Fisheries Environmental Officer



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.

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From: O Connor, Peter <peter.oconnor@aecom.com>
Sent: Sunday, June 18, 2023 10:25 PM
To: Noel McGloin <Noel.McGloin@fisheriesireland.ie>
Cc: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>; Francis Carolan <Francis.Carolan@fisheriesireland.ie>; Maureen Byrne <Maureen.Byrne@fisheriesireland.ie>; Robert Bergin

<Robert.Bergin@fisheriesireland.ie>

Subject: Re: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

Dear Mr. McGloin,

Thank you for the recent consultation responses issued to AECOM in relation to the ongoing EIA Consultation for the Proposed Derrygreenagh Power Project, Co. Offaly. We note that you requested additional information relating to the following:

1. *A map with or the grid references of the proposed discharge point to the Yellow River as well as same for your proposed abstraction point; and*
2. *Proposed abstraction and discharge rates, so we can calculate the impact (if any) of same.*

In relation to query No. 1 above please find attached a suitable figure with discharge and abstraction points (including co-ordinates) as requested.

In relation to query No. 2 above, as per the EIA consultation letter (Page 1, Para 2) a thermal power plant at Derrygreenagh was previously consented (An Bord Pleanála (ABP) case reference no 19.PA0011) in 2010, as a Strategic Infrastructure Development (SID) and remains extant. We can advise of an abstraction rate of 630m³/d and discharge rates to Yellow River 360m³/d max for the consented development and these figures are currently under review for the Proposed Development and final abstraction and discharge rates will be confirmed in the submitted EIAR.

Based on the above, we would be grateful for any further comments or additional information of relevance which you may have that can be taken into consideration as part of the environmental assessment process.

We would appreciate if you forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O' Connor

Technical Director, Environment

peter.oconnor@aecom.com

AECOM

aecom.com

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From: Noel McGloin Noel.McGloin@fisheriesireland.ie

Sent: 07 June 2023 10:34

To: Derrygreenagh Power Project DerrygreenaghPowerProject@aecom.com

Cc: Francis Carolan Francis.Carolan@fisheriesireland.ie; Kevin O'Brien <Kevin.O'Brien@fisheriesireland.ie>; Maureen Byrne Maureen.Byrne@fisheriesireland.ie; Robert Bergin Robert.Bergin@fisheriesireland.ie

Subject: FW: Peter O'Connor RE:EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Apologies Peter,

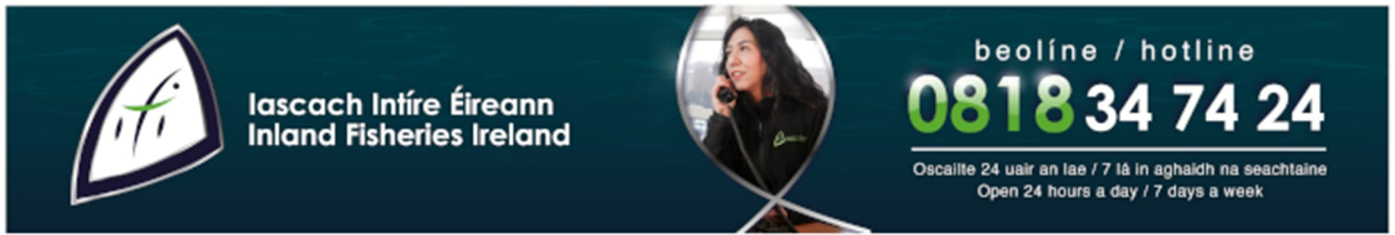
I forgot in last email to ask for your proposed abstraction and discharge rates, so we can calculate the impact (if any) of same.

Kind regards,

Noel

Noel McGloin
Senior Fisheries Environmental Officer

✉ Noel.McGloin@fisheriesireland.ie • ☎ +353 (0)1 8842 600 • 🌐 www.fisheriesireland.ie • 🏠 D24 CK66



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From: Noel McGloin <Noel.McGloin@fisheriesireland.ie>

Sent: 06 June 2023 17:45

To: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>

Cc: Francis Carolan <Francis.Carolan@fisheriesireland.ie>; Kevin O'Brien <Kevin.O'Brien@fisheriesireland.ie>;

Maureen Byrne <Maureen.Byrne@fisheriesireland.ie>; Robert Bergin <Robert.Bergin@fisheriesireland.ie>

Subject: FAO: Peter O'Connor RE:EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Hi Peter,

Noel McGloin here (SFEO, IFI- Eastern River Basin).

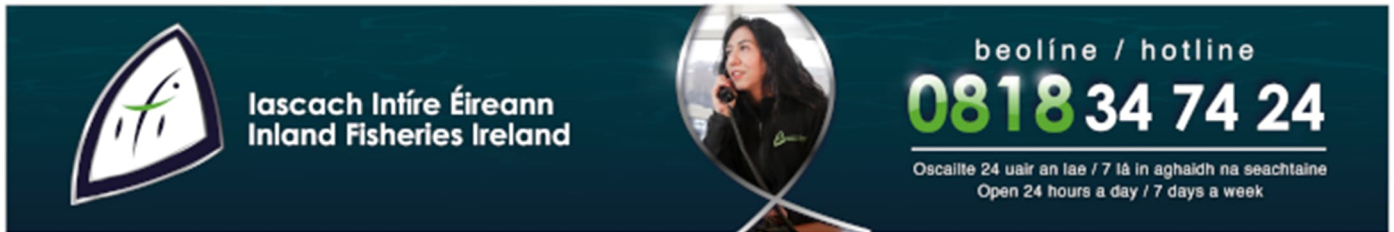
IFI intend to revert to you with a submission regarding the above. Not sure should your process water discharge point read 3Km South East rather than South West of the power plant area? In any event I would appreciate a map with or the grid references of the proposed discharge point to the Yellow River as well as same for your proposed abstraction point.

Looking forward to your reply.

Noel McGloin
(087) 2597826

Noel McGloin
Senior Fisheries Environmental Officer

✉ Noel.McGloin@fisheriesireland.ie • ☎ +353 (0)1 8842 600 • 🌐 www.fisheriesireland.ie • 🏠 D24 CK66



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

From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>

Sent: Friday, June 2, 2023 11:58 AM

Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

To Whom it May Concern,

AECOM have been appointed by Bord na Móna Powergen Limited to undertake an assessment of the environmental impact of Derrygreenagh Power Project within the Bord na Móna Energy Park. Bord na Móna Energy Park is situated within the Derrygreenagh bog group in Counties Offaly, Westmeath and Meath, but the Proposed Development lies entirely within the administrative boundary of Offaly County Council.

Yourself and/or your organisation have been identified as a consultee likely to have a view on the scope of Environmental Impact Assessment (EIA), the overall project in general and/or have a specific interest in the study area. It is for this reason we are contacting you now. Please find attached consultation letter and package of information outlining the project.

If you do wish to make comment, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O'Connor
Associate Director, Environment
AECOM Environment & Planning

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Calcagno, Grisel

Subject: FW: **REMINDER** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: IRGACT Letter to AECOM Bord na Mona June 30th 2023.pdf

From: Irish Red Grouse Conservation Trust <info@irgct.com>
Sent: 30 June 2023 22:09
To: O Connor, Peter <peter.oconnor@aecom.com>
Subject: Re: **REMINDER** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Dear Peter

Thank you for sharing this consultation process with us.

Please see attached the IRGCT's response.

If you could add our charity's name to your list of stakeholders for any future developments on our bog or mountain habitats that would be greatly appreciated.

With best wishes

Merlin Becker
IRGCT Secretary

On Wed, Jun 28, 2023 at 4:40 PM O Connor, Peter <peter.oconnor@aecom.com> wrote:

To Whom it May Concern,

[RE: **REMINDER EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly](#)**

Further to the EIA Consultation issued on 02 June 2023 below in relation to Proposed Derrygreenagh Power Project, Co. Offaly if you do wish to make comment and have not done do already, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O' Connor
Technical Director, Environment
peter.oconnor@aecom.com

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From: Derrygreenagh Power Project
Sent: 02 June 2023 11:58
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

To Whom it May Concern,

AECOM have been appointed by Bord na Móna Powergen Limited to undertake an assessment of the environmental impact of Derrygreenagh Power Project within the Bord na Móna Energy Park. Bord na Móna Energy Park is situated within the Derrygreenagh bog group in Counties Offaly, Westmeath and Meath, but the Proposed Development lies entirely within the administrative boundary of Offaly County Council.

Yourself and/or your organisation have been identified as a consultee likely to have a view on the scope of Environmental Impact Assessment (EIA), the overall project in general and/or have a specific interest in the study area. It is for this reason we are contacting you now. Please find attached consultation letter and package of information outlining the project.

If you do wish to make comment, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O' Connor
Technical Director, Environment
peter.oconnor@aecom.com

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Merlin Becker BSc
The Wilderness
Lough Dan
Roundwood
Co Wicklow
Republic of Ireland
Tel: +353 (0)83 081 7554
Email: mhantainwildlife@gmail.com

IRISH RED GROUSE CONSERVATION TRUST

Patrons: Mr. P. J. O Hare Mr. Dan Kinney

Merlin Becker
The Wilderness
Lough Dan
Roundwood
Co. Wicklow
info@irgct.com
083 081 7554

30th June 2023

Dear AECOM/ Bord na Móna,

We hope this finds you all well in these challenging times. The IRGCT is writing to you in relation to an important matter regarding the management of Ireland's upland and bogland environments.

We are making this submission on behalf of our members and supporter as well as the native flora and fauna of the island of Ireland. The IRGCT fully supports the governments drive for renewable energy but feels mitigation efforts should be significantly increased to help combat the damage that anthropogenic activities are causing to our planet.

In light of the climate and biodiversity emergency that Ireland now faces, the IRGCT finds it extremely pertinent that funds from wealthy wind farm developments should be put in place to achieve a net biodiversity gain during and after the development of such a site. One such example could be to employ local contractors to carry out sensitive habitat management work coupled with legal predator control as this combination of land management options is scientifically proven to increase wading bird productivity three-fold. Forestry England is now employing personnel to control generalist predators such as foxes and crows, the number one driver of ground nesting bird species decline, on many of their sites. The IRGCT strongly believes Bord na Móna, Coillte and other large landowners across Ireland should also adopt this forward-thinking conservation measure as without it many species face imminent extinction in less than 10 years.

Many red listed species like red grouse, curlew and lapwing, all of which reside on or around the Derrygreenagh bog, are vanishing in front of our very eyes. The question is will Bord na Móna, a semi state body responsible for delivering positive change for the people of Ireland, stand by and support this wipeout of our cultural heritage or will they stand together for the protection and preservation of our precious natural environments through meaningful practical land management that delivers tangible results at grass root level.

Yours sincerely

Merlin Becker



IRGCT Hon Secretary
on behalf of the Irish Red Grouse Conservation Trust

Calcagno, Grisel

Subject: FW: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: DerrygreenaghPowerProject_EIAConsultation Letter_Rev0(MERGED).pdf

From: IWT Info <info@iwt.ie>
Sent: 29 June 2023 14:17
To: O Connor, Peter <peter.oconnor@aecom.com>
Subject: Re: ****REMINDER**** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Dear Peter,

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 Wed, 28 Jun 2023 at 16:40, O Connor, Peter <peter.oconnor@aecom.com> wrote:

To Whom it May Concern,

[RE: ****REMINDER**** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly](#)

Further to the EIA Consultation issued on 02 June 2023 below in relation to Proposed Derrygreenagh Power Project, Co. Offaly if you do wish to make comment and have not done so already, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O' Connor
Technical Director, Environment
peter.oconnor@aecom.com

AECOM

From: IWT Info <info@iwt.ie>
Sent: 06 June 2023 10:58
To: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>
Subject: Re: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Dear Peter,

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

Kind regards,
Fabiola Vieira

On Fri, 2 Jun 2023 at 12:17, Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com> wrote:

To Whom it May Concern,

AECOM have been appointed by Bord na Móna Powergen Limited to undertake an assessment of the environmental impact of Derrygreenagh Power Project within the Bord na Móna Energy Park. Bord na Móna Energy Park is situated within the Derrygreenagh bog group in Counties Offaly, Westmeath and Meath, but the Proposed Development lies entirely within the administrative boundary of Offaly County Council.

Yourself and/or your organisation have been identified as a consultee likely to have a view on the scope of Environmental Impact Assessment (EIA), the overall project in general and/or have a specific interest in the study area. It is for this reason we are contacting you now. Please find attached consultation letter and package of information outlining the project.

If you do wish to make comment, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O'Connor

Associate Director, Environment

AECOM Environment & Planning

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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)

Calcagno, Grisel

Subject: FW: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: Safety Booklet-A5-HSQE-GU-016.pdf; EIA Consultation - BnM Derrygreenagh Power Project - GNI Response.docx

From: Daniel Goulding Daniel.Goulding@gasnetworks.ie
Sent: 30 June 2023 15:36
To: Derrygreenagh Power Project DerrygreenaghPowerProject@aecom.com
Cc: Maeve O'Reilly Maeve.OReilly@gasnetworks.ie
Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Peter,
Please see attached high-level commentary from Gas Network Ireland's perspective in relation to the EIA Consultation for the Proposed Derrygreenagh Power Project, Co. Offaly.
If you have any questions, then please feel free to contact me.
Thank you.

Daniel Goulding (PhD)
Project Delivery Lead

Tx New Connections
daniel.goulding@gasnetworks.ie

087 709 7242
Gas Networks Ireland,
P.O. Box 51, Gasworks Road,
Cork, Ireland. T12 RX96.



From: DIG <Dig@gasnetworks.ie>
Sent: 02 June 2023 13:59
To: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>
Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Thank you for your enquiry to the Gas Networks Ireland *Dial Before You Dig* service.

Gas Networks Ireland has *No recorded Gas Network* within your area of interest.

Before you start work, you must have a current gas network map (or maps) for the work location. A current gas network map (or maps) must always be kept on site while work is under way.

The Gas Network

For an overview of the existing Gas Network, please refer to the Gas Networks Ireland safety booklet, *Safety advice for working in the vicinity of natural gas pipelines*, available at <https://www.gasnetworks.ie/home/safety/dial-before-you-dig/>

Reading your Map

- High pressure transmission gas pipe is shown Red.
- Medium pressure distribution gas pipe is shown Blue.
- Low Pressure distribution gas pipe is shown Green.

The gas network map is indicative only. You must conform to the safety and legal notices printed on the map. For further information on reading this map refer to the *Safety Information* below.

Breaking Ground

- Supervision by Gas Networks Ireland is not required when working in the vicinity of Distribution gas pipes (unless noted otherwise). Safe digging practices must be followed. All work in the vicinity of a gas transmission pipeline must be carried out in compliance with:
 - Health and Safety Authority, *Code of Practice for Avoiding Danger from Underground Services*.

Critical Activity

Quarrying or blasting must not be carried out within 400 m of the gas network until Gas Networks Ireland has been consulted on 1800 42 77 47

Aurora Telecom

- Part of the Aurora Telecom Network may be present on your network map. For further information, Aurora can be contacted on 01 892 6166 (Office Hours) or auroralink@gasnetworks.ie.

Safety Information

- Before starting work any work in the vicinity of the gas network, please refer to the Gas Networks Ireland safety booklet, *Safety advice for working in the vicinity of natural gas pipelines*, available at <https://www.gasnetworks.ie/home/safety/dial-before-you-dig/>

This booklet contains important safety information, including advice on how to read the gas network maps you have requested.

If you did not request this map, please contact Customer Service on 1800 200 694.

Thank you for your enquiry to Gas Networks Ireland.

T 1800 20 50 50 (Emergency)

T 1800 42 77 47 (Dial Before You Dig enquiries)

E dig@gasnetworks.ie

Gas Networks Ireland Networks Services Centre, St. Margaret's Road, Finglas, D11 Y895 gasnetworks.ie |
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Useful Publications

- Health and Safety Authority, [Code of Practice for Avoiding Danger from Underground Services](#)
- Health and Safety Authority, [Guide to Safety in Excavations](#)

Both are available free of charge from: Health and Safety Authority on 0818 289 389 www.hsa.ie

From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>

Sent: Friday, June 2, 2023 11:58 AM

Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

To Whom it May Concern,

AECOM have been appointed by Bord na Móna Powergen Limited to undertake an assessment of the environmental impact of Derrygreenagh Power Project within the Bord na Móna Energy Park. Bord na Móna Energy Park is situated within the Derrygreenagh bog group in Counties Offaly, Westmeath and Meath, but the Proposed Development lies entirely within the administrative boundary of Offaly County Council.

Yourself and/or your organisation have been identified as a consultee likely to have a view on the scope of Environmental Impact Assessment (EIA), the overall project in general and/or have a specific interest in the study area. It is for this reason we are contacting you now. Please find attached consultation letter and package of information outlining the project.

If you do wish to make comment, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O'Connor

Associate Director, Environment

AECOM Environment & Planning

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Tá an fhaisnéis á seachadadh dírithe ar an duine nó ar an eintiteas chuig a bhfuil sí seolta amháin agus féadfar ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh tráchtála de a bheith mar chuid de. Tá aon athsheachadadh nó scaipeadh den fhaisnéis, aon athbhreithniú ar nó aon úsáid eile a bhaint as, nó aon ghníomh a dhéantar ag brath ar an bhfaisnéis seo ag daoine nó ag eintitis nach dóibh siúd an fhaisnéis seo, toirimisceithe agus féadfar é a bheith neamhdhleathach. Níl Líonraí Gáis Éireann faoi dhliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Ní ghlacann Líonraí Gáis Éireann le haon dliteanas faoi ghnímh nó faoi iarmhairtí bunaithe ar úsáid thoirmisceithe na faisnéise seo. Níl Líonraí Gáis Éireann faoi dhliteanas maidir le seachadadh ceart agus iomlán na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Má fuair tú an teachtaireacht seo in earráid, más é do thoil é, déan teagmháil leis an seoltóir agus scríos an t-ábhar ó gach aon ríomhaire.

Féadfar ríomhphost a bheith soghabhálach i leith truaillithe, idircheaptha agus i leith leasaithe neamhúdaráithe. Ní ghlacann Líonraí Gáis Éireann le haon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo i ndiaidh é a sheoladh nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin. Más é do thoil é, tabhair faoi deara chomh maith go bhféadfar monatóireacht a dhéanamh ar theachtairreachtaí chuig nó ó Líonraí Gáis Éireann chun comhlíonadh le polasaithe agus le caighdeáin Líonraí Gáis Éireann a chinntiú agus chun ár ngnó a chosaint. Líonraí Gáis Éireann cuideachta ghníomhaíochta ainmnithe, faoi theorainn scaireanna, atá corpraithe in Éirinn leis an uimhir chláráithe 555744 agus a tá hoifig chláráithe ag Bóthar na nOibreacha Gáis, Corcaigh, T12 RX96.

Go raibh maith agat as d'aird a thabhairt.

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Thank you for your attention.

EIA Consultation – Bord na Mona Derrygreenagh Power Project – GNI Response (30 June 2023)

Ref.	Element of Works	Observation / Recommendation
1	Temporary Construction Works	A temporary working area (construction compound) will be required for the construction of the Above Ground Installation (AGI) within the Bord na Mona site, ideally adjacent to the AGI. This will need to be a similar size to the AGI compound and will include site offices, stores, spool areas, carparking and welding areas. Is it possible to agree temporary working area (size and location) for GNI AGI works at this stage with Bord na Mona? This would add more certainty to our own environmental planning and assessment process by knowing where this area(s) will be.
2	Cumulative Assessment	Suggest the AGI area located within Drawing S7060-8310-0001 includes a generic schematic of a typical AGI. Also, the AGI should be fully described in terms of design, construction methodology and operational emissions within the EIAR. GNI can assist with the relevant information.
3	Cumulative Assessment	Suggest including the new transmission pipeline route of the connecting GNI pipeline in Drawing BNM-PG-22-11-54_v2. A pipeline routing report has been provided to Bord na Mona in recent weeks. Also, the pipeline should be fully described in terms of design and construction methodology within the EIAR. GNI can assist with the relevant information.
4	Cumulative Assessment	Suggest GNI provide the construction timelines of the gas project to Bord na Mona and similarly, knowing the timelines of the construction phase of the Bord na Mona works will assist in the completion of EIARs for both parties.
5	Cumulative Assessment	For information, there are a number of other potential gas transmission pipelines to be constructed in the area in the coming years (Edenderry & Lumcloon areas).
6	Avoiding Duplication of Assessments	In order to avoid duplication of any assessments and focus resources efficiently, both Bord na Mona and GNI will benefit from continued communication on scoping and sharing of assessment outputs throughout the environmental assessment process. Examples are construction methodology for pipeline that will minimise environmental impacts, and how they may rank with regard to Best Available Techniques/sustainable design & materials/fugitive methane emissions, noise levels expected during construction and operation, baseline and predicted impact assessments in overlapping zone of influence (e.g. bird surveys) and whether any mitigation measures might be more effectively achieved jointly e.g. at AGI end.

7	Biodiversity & Carbon Offsetting	<p>GNI as part of its Sustainability Strategy is striving for No Biodiversity Net Loss or if possible, Biodiversity Net Gain and emissions reductions, across its operations.</p> <p>There may be potential opportunities in the Derrygreenagh pipeline project for GNI and Bord na Mona to work on a joint venture that aims to protect or restore biodiversity and reduce carbon emissions, either through a new initiative in the area, or by GNI contributing to an existing scheme such as Bord na Mona's Bog Rehabilitation Scheme. A combined effort could provide a beneficial outcome for the local environment and set a positive precedent for projects in general. GNI would be keen to discuss any proposals that Bord na Mona might have on this topic.</p>
---	----------------------------------	---

Calcagno, Grisel

From: William Morgan, Vodafone (External) <william.morgan@vodafone.com>
Sent: 06 June 2023 10:56
To: Derrygreenagh Power Project
Cc: Sean Lyons, Vodafone (External); Gavin Byrne, Vodafone
Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Hi All,

I can confirm that the proposed power project in Derrygreenagh, Co. Offaly will impact the following three microwave links on the Vodafone network,

Link Name / ID	Band MHz\GHz	Link Length	Site A (OY008, Croghan Hill)				
			Lat	Long	Easting	Northing	Ant Height
OY008-OY033	26GHz/56MHz	3.76km	53.336344995	-7.257354023	249521	232019	15m

Link Name / ID	Band MHz\GHz	Link Length	Site A (WH015, Milltownpass)				
			Lat	Long	Easting	Northing	Ant Height
WH015-OY008	13GHz/55MHz	12.19km	53.4440078033812	-7.22400931135545	251612	244025	15m

Link Name / ID	Band MHz\GHz	Link Length	Site A (WH015, Milltownpass)				
			Lat	Long	Easting	Northing	Ant Height
WH015-OY023	26GHz/14MHz	6.25km	53.4440078033812	-7.22400931135545	251612	244025	20m

Kind Regards,
Will.

Will Morgan

Transmission Planning and Design Engineer
Converged Transmission
Technology- NET
+353858775530
william.morgan@vodafone.com



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

C2 General

From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>
Sent: Friday 2 June 2023 11:58
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Kind Regards,

Peter O'Connor
Associate Director, Environment
AECOM Environment & Planning

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Calcagno, Grisel

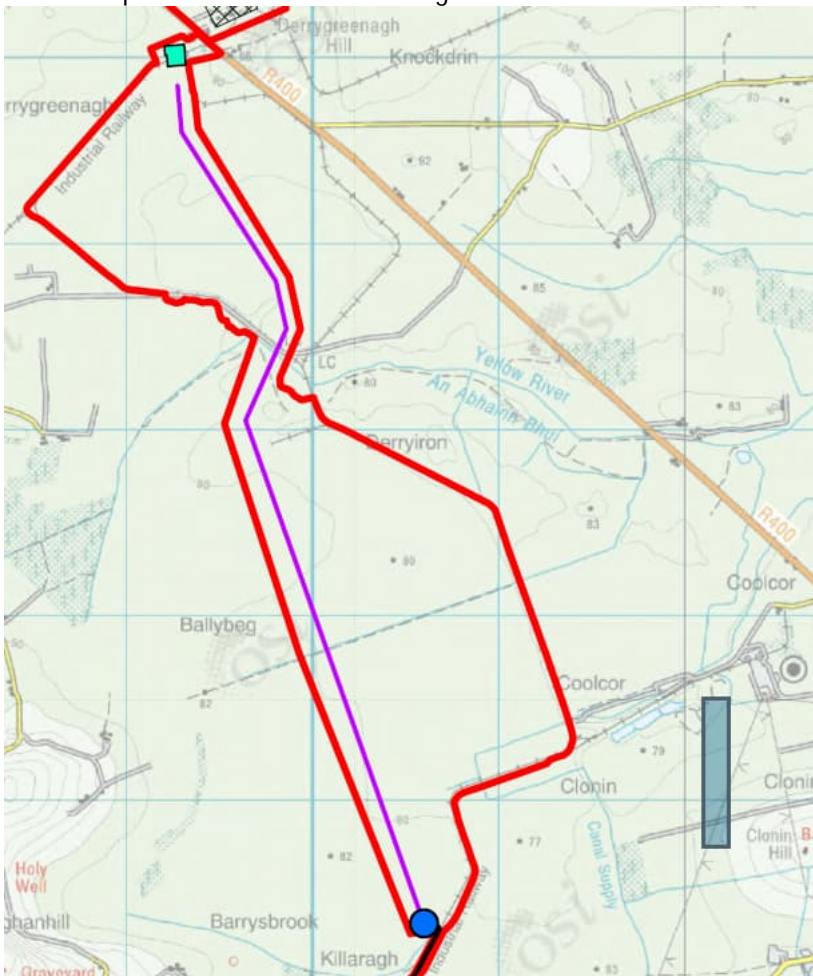
From: Fiona Byrne, Vodafone <fiona.byrne3@vodafone.com>
Sent: 29 June 2023 16:13
To: Derrygreenagh Power Project
Cc: Gavin Byrne, Vodafone; Shane O'Neill, Vodafone
Subject: FW: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: DerrygreenaghPowerProject_EIAConsultation Letter_Rev0(MERGED).pdf

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Hi,
Acknowledging receipt of the attached correspondence regarding the new power plant development.
Can you please provide height details and coordinates of the planned overhead power lines marked in purple on the below map? We have links traversing the outlined route.



Thanks,
Fiona Byrne
Senior Transmission Planning and Design Engineer
Converged Transmission
Technology- NET

+353857350836

fiona.byrne3@vodafone.com



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MountainView, Leopardstown, Dublin 18,

Registered in Ireland: No. 326967

C2 General

From: Gavin Byrne, Vodafone <gavin.byrne@vodafone.com>

Sent: Thursday 29 June 2023 09:58

To: Fiona Byrne, Vodafone <fiona.byrne3@vodafone.com>

Subject: FW: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

FYI



Gavin Byrne

Senior TX Planning & Design Engineer

Converged Transmission

+353 876448159

gavin.byrne@vodafone.com

Vodafone Ireland Limited, Registered Office:

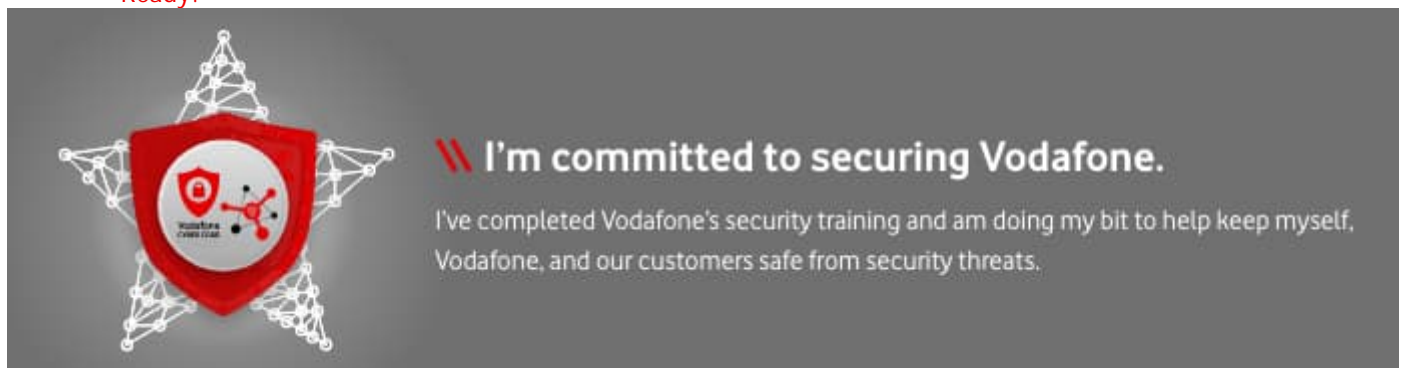
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Ireland: No. 326967

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C2 General

From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>

Sent: Friday 2 June 2023 11:58

Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Kind Regards,

Peter O'Connor

Associate Director, Environment

AECOM Environment & Planning

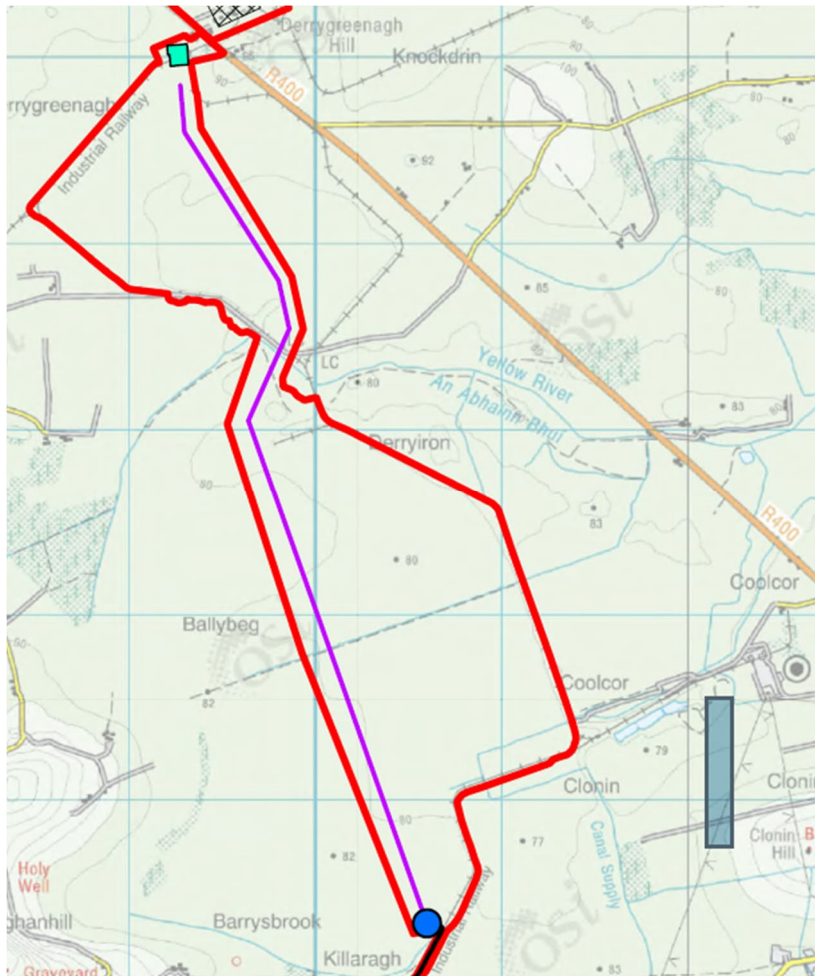
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Thanks,

Fiona Byrne

Senior Transmission Planning and Design Engineer

Converged Transmission

Technology- NET

+353857350836

fiona.byrne3@vodafone.com

Calcagno, Grisel

From: Paul Brunel <Paul.Brunel@imaginegroup.ie>
Sent: 28 June 2023 17:52
To: O Connor, Peter
Cc: Derrygreenagh Power Project; Ronnie O'Neill
Subject: RE: ****REMINDER**** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
Attachments: AB - BnM Energy Park Site Location Map Rev1.kmz

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Hi Peter,
We have no record of any development with this name.
We have received an enquiry at Derrygreenagh from AI bridges regarding a proposed development called Bord na Mona Energy Park. See attached Google Earth kmz.
Is this the same?
We submitted the below information to AI bridges:
Imagine use a tower within the boundary of this development. At present we have one link affected, details below:

	OY029 Cellnex Derrygreenagh (OTI)	OY032 Cellnex Mount Lucas (OTI)
Latitude	53 23 25.38 N	53 17 36.29 N
Longitude	007 15 18.63 W	007 13 17.75 W
Dec Lat	53.39038376	53.29341369
Long	7.25517433	7.22159769
Elevation (m)	91.07	117.24
(ITM) Eastings	649544	651895
Northings	738061	727295
Antenna height (m)	14.50	21.00
Frequency (MHz)	11000.00	
Path length (km)	11.02	

We require a 50m set back from our central path.
Could you please confirm this is the same development and our submission has been received.
Kind Regards,



Paul Brunel
Transmission Planner
www.imagine.ie
086 388 1962
Sandyford Business Centre |
Blackthorn Road | Sandyford
| D18AW89



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

From: Ronnie O'Neill <Ronnie.ONeill@imaginegroup.ie>
Sent: Wednesday, June 28, 2023 4:51 PM

To: Paul Brunel <Paul.Brunel@imaginegroup.ie>
Subject: FW: **REMINDER** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly
fyi

From: O Connor, Peter <peter.oconnor@aecom.com>
Sent: Wednesday, June 28, 2023 4:41 PM
Subject: RE: **REMINDER** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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To Whom it May Concern,

[RE: **REMINDER** EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly](#)

Further to the EIA Consultation issued on 02 June 2023 below in relation to Proposed Derrygreenagh Power Project, Co. Offaly if you do wish to make comment and have not done so already, please forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than Friday 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O' Connor

Technical Director, Environment

peter.oconnor@aecom.com

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From: Derrygreenagh Power Project

Sent: 02 June 2023 11:58

Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

To Whom it May Concern,

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Kind Regards,

Peter O' Connor

Technical Director, Environment

peter.oconnor@aecom.com

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Calcagno, Grisel

Subject: FW: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

From: Christophe O'BRIEN <Christophe.O'BRIEN@IAA.ie>

Sent: 20 June 2023 11:45

To: O Connor, Peter peter.oconnor@aecom.com

Cc: Derrygreenagh Power Project DerrygreenaghPowerProject@aecom.com; Planning planning@iaa.ie

Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Good morning Peter,

Thank you for the additional information.

Please be advised that following [the separation of the Irish Aviation Authority and Air Navigation Ireland \(the IAA ANSP\) from the 30th April 2023](#), Air Navigation Ireland has responsibility for the maintenance and safeguarding of en route communications and navigation surveillance equipment in Ireland and responsibility for ATM / Engineering at Dublin, Cork and Shannon airports. Please forward reports for their review to: planning@airnav.ie

The Irish Aviation Authority has no specific requirements for incorporation into the Environmental Impact Assessment.

In the event of a formal planning application being progressed, it is likely that the Authority will furnish the following general observations:

"In the event of planning consent being granted, the applicant should be conditioned to contact the Irish Aviation Authority to agree an aeronautical obstacle warning light specification for the flue stacks and 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



IRISH AVIATION AUTHORITY
ÚDARÁS EITLÍOCHTA NA HÉIREANN

From: O Connor, Peter <peter.oconnor@aecom.com>

Sent: Sunday, June 18, 2023 10:25 PM

To: Christophe O'BRIEN <Christophe.O'BRIEN@IAA.ie>

Cc: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>; Planning <planning@iaa.ie>

Subject: Re: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Dear Mr. O'Brien,

Thank you for the recent consultation responses issued to AECOM in relation to the ongoing EIA Consultation for the Proposed Derrygreenagh Power Project, Co. Offaly. We note that you requested additional information relating to the following:

- *Can you please advise what height above ground level the proposed emissions stacks are likely to be and whether they are to be the tallest structures on the site?*

In relation to your query above, as per the EIA consultation letter (Page 1, Para 2) a thermal power plant at Derrygreenagh was previously consented (An Bord Pleanála (ABP) case reference no 19.PA0011) in 2010, as a Strategic Infrastructure Development (SID) and remains extant. We can advise that the 2 no. flue gas emission stacks for the consented development are the tallest structures on site at 40m and 50m above ground level. The height of the stacks are currently under review for the Proposed Development; they will be the tallest structures on site and the final height will be confirmed in the submitted EIAR.

Based on the above, we would be grateful for any further comments or additional information of relevance which you may have that can be taken into consideration as part of the environmental assessment process.

We would appreciate if you forward these by email to derrygreenagh@aecom.com as soon as reasonably possible, but no later than 30 June 2023 in order for them to be taken into consideration.

Kind Regards,

Peter O' Connor

Technical Director, Environment

peter.oconnor@aecom.com

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From: Christophe O'BRIEN <Christophe.O'BRIEN@IAA.ie> On Behalf Of Planning

Sent: 09 June 2023 16:23

To: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>

Subject: RE: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Good afternoon Peter,

Thank you for your email and forwarding on the information in relation to the proposed Derrygreenagh Power Project, Co. Offaly.

Can you please advise what height above ground level the proposed emissions stacks are likely to be and whether they are to be the tallest structures on the site?

Best Regards,

Christophe

Christophe O'Brien

Aerodromes Inspector

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



IRISH AVIATION AUTHORITY
ÚDARÁS EITLÍOCHTA NA HÉIREANN

From: Derrygreenagh Power Project <DerrygreenaghPowerProject@aecom.com>
Sent: Friday, June 2, 2023 11:58 AM
Subject: EIA Consultation – Proposed Derrygreenagh Power Project, Co. Offaly

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Kind Regards,

Peter O'Connor
Associate Director, Environment
AECOM Environment & Planning

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Ireland A limited liability company

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Calcagno, Grisel

From: Jamie Lawlor <Jamie.Lawlor@irishrail.ie>
Sent: 06 July 2023 15:04
To: Derrygreenagh Power Project
Cc: Thomas Quigley; Cormac Lally
Subject: Radio Interference

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Hello,

Will you be broadcasting any kind of radio signals from this site? We have 2 trackside radios systems, so if you are broadcasting it would be useful to know what frequencies are being used. Looking at the map the site does not appear to encroach on the track.

Regards,

Jamie

*Iarnród Éireann Irish Rail, cuideachta ghníomhaíochta ainmnithe, faoi theorainn scaireanna, cláraithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Úr. 119571 Úr. CBL: IE 4812851 O,
Iarnród Éireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O*

*In Iarnród Éireann, creideann muid in obair sholúbtha a éascú, agus mar sin, cé go n-oireann sé dom ríomhphost a sheoladh anois, níl mé ag súil le freagra ná gníomh lasmuigh de d'uireanta oibre.
At Iarnród Éireann we believe in facilitating flexible working, so while it suits me to email now, I do not expect a response or action outside of your own working hours.*