

Appendix 1-5 – Community Engagement Report





Community Report

for the Proposed Cloghercor Wind Farm

Prepared by Message Matters
December 2022

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1. Introduction

1.1 Context to community report

Cloghercor Wind Farm Limited ('the Applicant') is a joint venture onshore renewable energy development, known as Cloghercor Wind Farm ('the Development'), co-developed by Ørsted and FuturEnergy Ireland. The Description of the Development can be found in Chapter 2 of this EIAR.

While it is not a mandatory requirement to undertake active consultation with communities prior to submitting a planning application, it is strongly recommended. Cloghercor Wind Farm Limited has carried out extensive consultation in relation to the proposed development with members of the public, including local residents, community groups and elected representatives. The objective of these consultations is to ensure that the views and concerns of all are taken into account in the Environmental Impact Assessment (EIA) process.

All of this activity has been carried out in accordance with the Code of Practice for Wind Energy Development in Ireland Guidelines for Community Engagement (2016)¹ and the Draft Revised Wind Energy Development Guidelines (2019)².

This report outlines the consultation and community engagement initiatives taken by Cloghercor Wind Farm prior to the planning application and the main issues identified during this process. It also specifies how the final proposal reflects community consultation, and the steps taken to ensure that the proposed development will be of enduring economic benefit to the communities concerned.

1.2 Background to Cloghercor Wind Farm community engagement

Having initially introduced the project to the community in April 2021 with a 23 turbine scheme of up to 200m tip height, constraints were identified through desk study, site survey and analysis. Feedback from the community was also taken into consideration during the iterative design process. As a result of this process, the Applicant has significantly revised the scheme to the current, final proposal forming this Application.

It should be noted that the project was first introduced to the community during the Covid-19 pandemic, when public health guidance remained in place which restricted public gatherings from being held. Therefore, whilst it was not practically possible to hold an in-person exhibition or a public meeting during the initial round of consultation on the first design iteration, the Applicant has sought to ensure that key stakeholders and the communities nearby to the proposed site were aware of the proposals and given multiple opportunities to view, and discuss, the proposals in a Covid-secure setting.

¹ <https://assets.gov.ie/109110/b419a104-e6df-4a3e-a7ef-172166932bee.pdf>

² <https://www.gov.ie/en/publication/9d0f66-draft-revised-wind-energy-development-guidelines-december-2019/>

As soon as public health guidelines allowed for face-to-face interaction to form part of the community engagement approach, the Applicant undertook efforts to provide opportunities for the community to view, discuss and comment on the subsequent design iterations of the proposal in both a virtual and an in-person setting to allow for maximum community participation.

All of the public engagement has been undertaken with the intention of providing key stakeholders, including elected representatives and the local community, with opportunities to view, discuss in detail and comment on the proposals. The Applicant has offered direct developer communication with community groups and residents.

This community report has been prepared on behalf of the Applicant by Message Matters, the strategic communications agency that has assisted the Applicant with the pre-application consultation and community engagement for Cloghercor Wind Farm, to accompany the application.

2. Consultation activities

2.1 Appointment of Community Liaison Officers

In accordance with the Code of Practice for Wind Energy Development in Ireland Guidelines for Community Engagement, Community Liaison Officers (CLOs) were appointed to represent the project in the local community, ensure that queries were responded to, and ensure regular liaison with the community as the project progressed through various design iterations.

The first CLO was appointed prior to the initial introduction of the project to the community in early 2021. A second, dual language, CLO was appointed in autumn 2021, who was able to communicate with the community in English and Irish to recognise the importance of communicating the project details in Irish within the Gaeltacht.

The CLOs have visited homes within 2km of the proposed development on a number of occasions to ensure they are informed about the project, as summarised below and outlined further in this community report:

- June 2021 - To provide residents with a copy of the June 2021 newsletter and invite participation in public consultation sessions
- November 2021 - To provide residents with postcard invite to November 2021 community engagement webinar and to invite their participation in the event
- June 2022 - To provide residents with a copy of the June 2022 newsletter and invite participation in public consultation sessions
- October 2022 - To provide residents with a copy of the October 2022 newsletter and invite participation in public consultation sessions.

2.2 Introduction of project to local community

In advance of engagement in the local community on the first design iteration for Cloghercor Wind Farm, the Applicant prepared a newsletter containing information pertaining to the proposal which was delivered to the immediate population whose properties are within 5km of the boundary of the proposed development.

The newsletter was delivered in early April 2021, and completed by a contracted newsletter delivery company, All Homes, who were able to carry out the delivery in accordance with the Government of Ireland's coronavirus health guidance at that time.

The purpose of the newsletter was to introduce the project to the community and their elected representatives. It contained the following information:

- Introduction to the co-development partners (who at the time were Brookfield Renewable Ireland and Coillte) and the project development team, including CLO details
- Detail location (small map) of the proposed location of the development
- Detail of anticipated project timetable (including public/virtual exhibitions)
- Information on environmental studies underway on the site
- Information on the potential benefits of the project to the local community
- Information on the necessity of wind energy development in a context of national and international policy
- Contact information for the project team, including dedicated project email address (info@cloghercorwindfarm.com), a project phone number, and postal address
- Information on where to find out more information on the proposal online (via a dedicated project website, www.cloghercorwindfarm.com).

A copy of the newsletter can be found in Appendix A.

2.2.1 Introduction of the project to active community groups

A pdf copy of the newsletter was sent via email from the dedicated project address on 1 April 2021 to a range of groups that were identified as being active within the local community (see Appendix B).

The outreach to these community groups included an offer of further discussion with the project development team and a request that the information be circulated to any other community groups active in the local area that might be interested in hearing from the Cloghercor Wind Farm project team.

2.2.2 Introduction of the project to elected representatives

A pdf copy of the newsletter was sent via email to locally elected representatives on 1 April 2021. Examples of this correspondence can be found in Appendix C.

The outreach to the locally elected representatives included an offer of further discussion with the project development team and a request that the information be circulated to any other community groups active in the local area that might be interested in hearing from the Cloghercor Wind Farm project team.

2.2.3 Introduction of the project to local media outlets

A member of the Cloghercor Wind Farm project team conducted a ringaround of local media outlets on 1 April 2021, informing local media of the approach towards the community consultation and how to reach the project team.

The local media outlets are listed as follows:

- Donegal Live (Donegal Democrat, Donegal Post and Donegal People's Press)
- Donegal News
- Donegal Daily
- Finn Valley Voice
- Highland Radio
- Ocean FM.

2.3 Public consultation sessions - design iteration 1

Consultation on design iteration 1 was launched at the end of June 2021. In line with the Government of Ireland's public health guidelines which were in place at the time, an in-person exhibition was not organised at this stage however significant efforts were undertaken to enable members of the public, residents, community groups and locally elected representatives to view, discuss and comment on the proposals, as detailed henceforth.

2.3.1 Virtual consultation room

The first design iteration for Cloghercor Wind Farm was presented to the community in the form of a 'virtual consultation room' which was available to access online at the dedicated project website, www.cloghercorwindfarm.com from 00:01 on Monday 28 June 2021.

The virtual consultation room contained:

- Introductory video
- Site location and site layout figure;
- Zone of Theoretical Visibility (ZTV) figure;
- Information on on-site environmental and ecological studies and the EIA process, in the form of a recorded PowerPoint presentation and written information;
- Information on community benefit options;
- Feedback form (the option was given to instantly provide feedback via an online form, or to download and return the feedback form via email or post).

A representative screenshot indicating how the virtual consultation room appeared to a visitor is in Appendix D.

Copies of the exhibition materials on display in the June 2021 virtual consultation room are in Appendix E.

2.3.2 Promotion of virtual consultation room for design iteration 1

Members of the public, residents, community groups and locally elected representatives were given prior notice of the virtual public consultation for design iteration 1 in the two weeks prior to the room going 'live' on 28 June 2021.

The promotion of the virtual consultation room consisted of the following:

- Newsletter invitation delivered on 18 June 2021 to residents within a 5km radius of the development site (see Appendix A). The CLO and additional members of the Cloghercor Wind Farm project team hand delivered newsletters to the households within 1km of the wind farm site, with a view to instigating face-to-face discussion with these residents. The newsletter contained:
 - An invitation for the community to access the virtual consultation room from 28 June 2021 and to provide their feedback
 - Site map and proposed turbine layout
 - Detail of anticipated project timetable
 - Information on environmental studies underway on the site
 - Information on the potential benefits of the project to the local community
 - Information on the necessity of wind energy development in a context of national and international policy
 - Information on forthcoming corporate ownership changes with both Brookfield Renewable Ireland and Coillte, and that both companies were changing names to Ørsted and FuturEnergy Ireland respectively.
- Distribution of posters for display locally (see Appendix F)
- Writing to community groups, issuing invitation to view the virtual exhibition and provide feedback (see Appendix B)
- Writing to locally elected representatives, issuing invitation to view the virtual exhibition and provide feedback (see Appendix C)

2.3.3 Attendance and feedback in virtual consultation room for design iteration 1

In the time period 28 June-12 August 2021 there were 90 unique visitors to the virtual exhibition room.

Members of the public were invited to submit comments, concerns and opinions regarding the proposed development through a feedback form provided in the virtual consultation room. In total, three respondents submitted feedback on design iteration 1.

The main queries raised during this stage of the consultation, as recorded via the virtual feedback form contained within the virtual consultation room, were:

- Visual impact of the proposed development - request for photomontages
- Physical health impacts from onshore wind developments on local residents
- Impact of onshore wind developments on nearby biodiversity

2.3.4 Community information webinar for design iteration 1

To maintain dialogue with the local community, a community information webinar was hosted by the Applicant on 29 November 2021 from 18:00-20:00.

The webinar consisted of a PowerPoint presentation that was delivered by members of the Cloghercor Wind Farm project team (see Appendix H) and which contained details on the following:

- Information on site selection
- Proposed turbine locations
- Information on on-site environmental and ecological studies and the EIA process
- Planning process and project timeline
- Local benefits of the project.

2.3.5 Promotion of community information webinar for design iteration 1

Members of the public, residents, community groups and locally elected representatives were given prior notice of the community information webinar for design iteration 1 in the two weeks prior to the event taking place on 29 November 2021 and invited to sign up to attend the event on the dedicated project website.

The promotion of the community information webinar consisted of the following:

- A postcard was issued to households within a 2km radius of the site on 17 November 2021. The postcard provided information about the community engagement webinar and invited individuals to sign up to attend. The postcard was delivered by CLOs who took the opportunity to discuss the project with residents when delivering the postcard (see Appendix G)
- The webinar was advertised in the local press as follows (see Appendix I):
 - Print advertisement in Donegal People's Press on 23 November 2021
 - Print advertisement in Donegal Democrat on 25 November 2021
 - Digital advert across Donegal Live sites from 22-29 November 2021.
- The event was also advertised in the local parish newsletter
- Locally elected representatives (councillors, TDs and MEPs) and established community groups were also informed via email of the webinar.

2.3.6 Attendance and feedback at community information webinar for design iteration 1

Approximately 19 people were in attendance for the duration of the community information webinar. Throughout the webinar, questions and feedback were invited via a live Q&A box, with members of the project team addressing questions throughout the event.

The main queries raised during the community information webinar, as recorded by members of the Cloghercor Wind Farm project team during the session, were:

- Proposed height of wind turbines
- Digging and excavation required to erect turbines
- Impact on local residents of proximity to onshore wind developments
- Measures to protect the site from peat landslides during construction and operations
- Visibility of the proposed development - request for 3D model.

The presentation that was delivered at the community information webinar was uploaded to the dedicated project website after the event and the materials were shared with any individuals who had been in touch with the project to advise that they would be unable to attend on 29 November 2021.

2.4 Public consultation sessions - Design iteration 2

Consultation on design iteration 2 was launched in June 2022. To ensure that members of the public, residents, community groups and locally elected representatives could have maximum opportunity to view, discuss and comment on the proposals, two in-person exhibition events were held in the local area in addition to a virtual consultation room being added to the dedicated project website. Feedback was invited at both the in-person and online events.

2.4.1 Exhibition events - design iteration 2

Cloghercor Wind Farm organised two public exhibition events which were held in two locations close to the proposed wind farm site. The exhibitions took place on Monday 13 June and Tuesday 14 June 2022. Both events were held from 12:00-20:00.

The public consultations were held in the following venues:

- Monday 13 June - Halla Naomh Bride, Madavagh, Lettermacaward
- Tuesday 14 June - Teach Gleann Ceo, Main Street, Doochary.

At the sessions, there were a series of information panels that contained details on the following:

- Site location and site layout figure
- Zone of Theoretical Visibility (ZTV) figure
- Photomontages of the proposed development

- Information on on-site environmental and ecological studies and the EIA process
- Information on community benefit options
- Feedback form.

Exhibition materials can be found in Appendix E.

2.4.2 Virtual consultation room - design iteration 2

To allow maximum opportunity for interested parties to view, discuss, and comment on the proposals, the exhibition materials on display at the exhibition events were replicated in a virtual consultation room displaying design iteration 2.

The virtual consultation room went 'live' at 00:01 on 13 June 2022. A digital feedback form was provided within the virtual consultation room, and attendees were also given the option to download and return feedback forms at a later date.

The virtual consultation room was advertised in the same materials that advertised the in-person exhibition events.

2.4.3 Promotion of public consultation sessions for design iteration 2

Members of the public, residents, community groups and locally elected representatives were given prior notice of the public consultation sessions for design iteration 2 in the two weeks prior to the events commencing on 13 June 2022.

The promotion of the public consultation sessions for design iteration 2 consisted of the following:

- A newsletter was issued to households within a 2km radius of the site on 7 June 2022. The newsletter was delivered by CLOs who took the opportunity to discuss the project with residents when delivering the newsletter (see Appendix A). The newsletter provided:
 - A site layout figure detailing turbine locations for design iteration 2
 - Information on the on-site environmental and ecological surveys that had contributed to changes in the turbine numbers and site layout
 - Information on the community benefit opportunities
 - Information about the in-person exhibition events and virtual consultation room and invited individuals to access the materials, discuss queries with the project team and submit feedback.
- Advertisements in the local press as follows (see Appendix I):
 - Print advertisement in Donegal Democrat on 2 June 2022
 - Digital advert across Donegal Live sites from 5-12 June 2022.
- Advertisement in the local parish newsletter.
- Distribution of posters for display locally (see Appendix F)

- Writing to community groups, issuing invitation to attend in-person exhibition or view the virtual exhibition and provide feedback (see Appendix B)
- Writing to locally elected representatives, issuing invitation to attend in-person exhibition or view the virtual exhibition and provide feedback (see Appendix C)

2.4.4 Attendance and feedback at public consultation sessions for design iteration 2

Over the two days of the in-person exhibition events, approximately 50 people attended the sessions. The main queries raised during this stage of the consultation, as recorded by Cloghercor Wind Farm project team members present at the sessions, were:

- Visual impact of the proposed development - request for photomontages
- Potential noise impact from the proposed development
- Concerns that a fire may take place within the forestry
- Concerns that replant land should be planted with native conifers.

A virtual feedback form was also provided in the virtual consultation room produced for design iteration 2. One feedback form was received. The feedback can be summarised as follows:

- Sound limits for onshore wind turbines
- Potential employment provided by the proposed Development.

2.5 Public consultation sessions - Design iteration 3

Consultation on design iteration 3 was launched in October 2022. To ensure that members of the public, residents, community groups and locally elected representatives could have maximum opportunity to view, discuss and comment on the proposals, two in-person exhibition events were held in the local area in addition to a virtual consultation room being added to the dedicated project website. Feedback was invited at both the in-person and online events.

The consultation sessions were originally scheduled to take place in the local area on 10 and 12 October 2022. However, due to the period of mourning following a fatal incident at Creeslough in County Donegal, the decision was taken to postpone the public consultation sessions in a mark of respect to those affected.

The rescheduled public consultation took place in-person and virtually from 2 November 2022.

2.5.1 Exhibition events - design iteration 3

Cloghercor Wind Farm organised two public exhibition events which were held in two locations close to the proposed wind farm site. The exhibitions took place on 2 November and 3 November 2022. Both events were held from 14:00-20:00.

The public consultations were held in the following venues:

- Wednesday 2 November - Gweebarra Bar, Meenagowan, Lettermacaward
- Thursday 3 November - Teach Gleann Ceo, Main Street, Doochary.

At the sessions, there were a series of information panels that contained details on the following:

- Site location and site layout figure
- Zone of Theoretical Visibility (ZTV) figure
- Photomontages of the proposed development
- Information on proposed recreational amenity on wind farm site
- Information on on-site environmental and ecological studies and the EIA process
- Information on community benefit options
- Feedback form.

Exhibition materials can be found in Appendix E.

2.5.2 Virtual consultation room - design iteration 3

To allow maximum opportunity for interested parties to view, discuss, and comment on the proposals, the exhibition materials on display at the exhibition events were replicated in a virtual consultation room displaying design iteration 3.

The virtual consultation room went 'live' at 00:01 on 2 November 2022. A digital feedback form was provided within the virtual consultation room, and attendees were also given the option to download and return feedback forms at a later date.

The virtual consultation room was advertised in the same materials that advertised the in-person exhibition events.

2.5.3 Promotion of public consultation sessions for design iteration 3

Members of the public, residents, community groups and locally elected representatives were given prior notice of the original dates for the public consultation sessions for design iteration 3 on 6 October 2022.

Notification was made via a newsletter, which was issued to households within a 2km radius of the site on 6 October 2022. The newsletter provided:

- A site layout figure detailing turbine locations for design iteration 3
- Information on the community benefit opportunities
- Information about the in-person exhibition events and virtual consultation room and invited individuals to access the materials, discuss queries with the project team and submit feedback.

The newsletter was delivered by CLOs who took the opportunity to discuss the project with residents when delivering the newsletter (see Appendix A).

Further to the decision to postpone the public consultations due to the tragic incident in the county, various steps were taken to advise members of the public, residents, community groups and locally elected representatives of the postponement - as follows:

- Writing to all individuals who had expressed interest in attending the public consultation sessions
- Writing to community groups
- Writing to locally elected representatives
- Press release issued to local media.
- Phone calls to residents who made appointments to attend

The rearranged dates for the public consultation sessions for design iteration 3 were subsequently advertised as follows:

- A postcard detailing the dates, venues and timings of the in-person exhibition and the virtual consultation room was delivered by the project CLOs to households within a 2km radius of the wind farm site on 25 October 2022
- The public consultation sessions were advertised in the local press as follows (see Appendix I):
 - Print advertisement in Donegal Democrat on 27 October 2022
 - Advertorial across Donegal Live sites from 27 October 2022-3 November 2022
- Writing to community groups, issuing invitation to attend in-person exhibition or view the virtual exhibition and provide feedback (see Appendix B)
- Writing to locally elected representatives, issuing invitation to attend in-person exhibition or view the virtual exhibition and provide feedback (see Appendix C)

2.5.4 DI3 attendance and feedback

Over the two days of the in-person exhibition events, approximately 35 people attended the sessions. The main queries raised during this stage of the consultation, as recorded by Cloghercor Wind Farm project team members present at the sessions, were:

- Landscape and visual impact of the proposed development
- Drainage of water from the site
- Potential noise impacts from the site

A virtual feedback form was also provided in the virtual consultation room produced for design iteration 3. Two feedback forms were received. The feedback can be summarised as follows:

- Maps of proposed recreational amenities were useful
- Visual impact of the proposed development on Gweebarra river valley

- Benefits of the proposal in terms of recreational amenity, community benefit funding, and clean energy produced by the scheme.

2.6 Direct correspondence and meetings

Throughout the pre-planning stage Cloghercor Wind Farm continued to engage with the community on an ongoing basis through written communications (via the dedicated project email address), discussions over the phone (via the dedicated project phone number, managed by the CLOs).

At the request of individuals, the Applicant also facilitated a number of meetings with individual residents to discuss the proposed project and their queries.

Representatives from Cloghercor Wind Farm have met with and maintained an open dialogue with Tír Chonail GAP Cycling Club about the potential to create a recreational amenity at the site after construction of the proposed wind farm.

Cloghercor Wind Farm has also maintained a written dialogue with locally elected representatives and answered any queries sent to the project on behalf of their constituents.

2.7 Dedicated contact details

Since the project was first introduced to the community in April 2021, the Applicant has provided dedicated contact details for the proposed project, including a dedicated phone number, email address and postal address. All enquiries fielded through these contact streams have been addressed by the dedicated CLOs and/or another member of the Cloghercor Wind Farm project team.

2.8 Project website

A dedicated project website was launched in March 2021, available at www.cloghercorwindfarm.com.

The website is an additional communications channel to inform members of the public about the proposed development. Details on the proposed location, information leaflets, layout maps and dedicated contact details for the project can be found on the website. The website has also hosted a Frequently Asked Questions and links to various external resources in order to address common queries about onshore wind energy.

The website also hosted the virtual consultation rooms that were prepared for all three design iterations of the project.

2.9 Community liaison

As noted throughout sections 2.1 - 2.6 of this community report, the Applicant appointed two dedicated Community Liaison Officers (CLOs) for the proposed development to ensure continued on-the-ground engagement with the local community.

The CLOs have visited homes within 2km of the proposed development on a number of occasions to ensure they are informed about the project.

2.10 Engagement with community groups

As recommended in the Draft Revised Wind Energy Development Guidelines (2019), in addition to circulating information pertaining to the proposal to the immediate population nearby to the wind farm site, the developer should also circulate information to community groups within approx. 10km radius.

As such, Cloghercor Wind Farm has included the local community groups listed below on its circulation list. Due to there being very few active community groups in the immediate vicinity of the proposed wind farm site, the area of interest for community groups has been extended to approximately 13km radius from the wind farm site.

These groups have been communicated with via email sent from the dedicated project email address on the occasions listed in sections 2.1 - 2.5 of this community report. However, responses and engagement from these groups has been limited.

Those groups are listed as follows:

- Lettermacaward Development Group
- Gweebarra Community Group
- Na Rossa GAA Club
- Forbairt Eachla
- Fintown Harps Football Club
- Mens Shed, Fintown
- Coiste Sheáin Bháin
- Fintown Railway
- Fintown Anglers Association
- Glenties Development Group
- Glenties Tidy Towns Committee
- Glenties Community Action Group
- Naomh Conaill GAA Club
- Donegal Railway Restoration
- CLG An Clachan Liath GAA Club
- Donegal Game Anglers Association
- We Love Donegal
- Gweebarra Conservation Group (note: Group requested no further contact from the Applicant with regard to the proposed development after newsletter 1).

2.11 Engagement with locally elected representatives

As recommended in the Draft Revised Wind Energy Development Guidelines (2019), the developer should also circulate information to locally elected representatives.

As such, Cloghercor Wind Farm has included the locally elected representatives listed below on its circulation list. These representatives have been communicated with via email sent from the dedicated project email address on the occasions listed in sections 2.1 - 2.5 of this community report.

- Members of the European Parliament for Midlands and North West
- Members of Dáil Éireann for Donegal
- Members of Donegal County Council for Glenties
- Cathaoirleach and Leas-Chathaoirleach of Donegal County Council.

2.12 Increasing accessibility

Significant efforts have been made to ensure that all communications from the project to the community are accessible:

- All newsletters, postcards, information panels and posters pertaining to the project have been produced in English and Irish
- One of the CLOs appointed to represent the project locally is Irish-speaking and has conducted conversations with the community in Irish where requested
- The exhibition materials for all three design iterations have been replicated in virtual consultation rooms, for individuals to access and comment on at their leisure and comfort
- Multiple opportunities have been provided for individuals to discuss and comment on the proposals in a Covid-secure setting in person or online, to ensure that public health guidelines were upheld in the initial stages of consultation, and that the public were provided with options depending on their level of comfort following the removal of public health guidelines relating to Covid-19.

3. Impact of community engagement on proposed development

3.1 Number of turbines and setback distance

Further to the initial series of public consultation in 2021, the feedback received was that the proximity of turbines to local residents was a cause for concern.

The initial layout of the proposed development was revised from 23 to 21 turbines following the first series of public consultation in 2021. A number of changes were also made to turbine placement at this stage. Following the second series of public consultation in June 2022, the number of turbines was reduced further

to 19. During this design process the set back distances from properties was also increased from 800m to 925m to the nearest receptor. This setback is in excess of the postulated four times tip height design constraint proposed in the Draft Wind Energy Guidelines (2019). This reduction in turbines and increased set back distances helps address some of the concerns raised in relation to noise and landscape and visual impact.

4. Enduring economic benefit

The Applicant recognises that the Code of Practice for Wind Energy Development in Ireland Guidelines for Community Engagement (2016) and the Draft Revised Wind Energy Development Guidelines (2019) stipulate that wind farm developers should identify enduring economic benefit to the communities concerned from the proposed development, and should also highlight short term economic benefits to the communities concerned.

4.1 Short term economic benefits

It is estimated that at peak construction between 96 and 139 jobs will be created. This in turn will have a knock-on effect on the local economy through the supply of services to the workforce. This will be in addition to regional-level procurement of services and materials for the wind farm construction.

Additionally, the payment of a development contribution to Donegal County Council in respect of public infrastructure and facilities will provide benefits to the local community (such as refurbishment, upgrading, enlargement or replacement of roads, car parks, car parking places, sewers, waste water facilities, drains or water mains, the provision of open spaces, parks, community facilities and amenities and landscaping works etc) in the county.

4.2 Long term economic benefits

The proposed project will provide many long term benefits to the communities surrounding the proposed development.

4.2.1 Community benefit fund

In accordance with the government-led Renewable Electricity Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund throughout the period that Cloghercor Wind Farm is operational.

This fund is expected to be approximately €500,000 for the first 15 years of the project, depending on final turbine specification, and will include a near neighbour scheme.

Throughout the pre-planning consultation the Applicant has confirmed that it will enable and empower the community to decide how any future community benefit fund will be distributed, and that the Applicant will

provide whatever support is required to ensure the community is able to direct the fund towards local needs, amenities and priorities.

In relation to the near neighbour scheme, the Applicant has invited feedback from the community as to how a scheme could support those in closest proximity to the proposed Development, and has provided examples such as direct financial support for households with energy bills, payments to enable households to retrofit their homes, or support for further education.

4.2.2 Recreational amenity

Further to engagement with local residents and groups representing access-takers in the local area, it was understood that there is local interest in developing a recreational amenity on or around the wind farm site that can be utilised by the general public.

On this basis, Cloghercor Wind Farm commissioned an expert consultant to undertake further consultation with the local community and survey the capability of the site to develop a proposal for a recreational amenity that can be used after commissioning of the wind farm. The proposed recreational amenity was put on display with design iteration 3, with feedback invited from the community.

Further to this feedback, it is proposed that a recreational amenity including marked walking trails along the site access roads, viewing points, signage and provision of a permanent public car park with seating and picnic tables is developed at the end of the construction phase.

5. Conclusion

This community report has provided an account of the pre-planning consultation undertaken by the Applicant for the proposed Cloghercor Wind Farm.

The consultation process has been an extremely valuable exercise and has provided a detailed and enhanced understanding of the key issues and concerns of the local community, which has ultimately shaped the final project proposal.

The Applicant has committed to active engagement, consultation and dialogue with the local community from an early stage and is committed to continuing with this throughout the planning, construction and operational process for the proposed Development.

Appendices

Appendix A - Project Newsletters

Appendix B - Correspondence to active community groups

Appendix C - Correspondence to locally elected representatives

Appendix D - Representative Screenshot of Virtual Consultation Room

Appendix E - Exhibition Materials

Appendix F - Display Posters for consultation events

Appendix G - Project postcards

Appendix H - Community information webinar - Display Iteration 1 - PowerPoint slides

Appendix I - Local press advertisements for consultation events

Appendix A - Project Newsletters

Newsletter 1 - April 2021



CLOGHERCOR WIND FARM

Brookfield Renewable and Coillte Renewable Energy are jointly exploring the potential for developing a wind farm in the townlands of Clogherachullion and Cloghercor in County Donegal.

We are in the initial stages of the proposed project's development and we would like to start a conversation with the local community about how a sustainable development project such as this could help to support local economies and actively contribute towards our country's renewable energy aspirations.

We are committed to engaging inclusively with stakeholders and developing a responsible project that is good for society and our neighbours.

Detailed environmental studies are underway - helping to understand whether this area might be suitable for a renewable energy wind farm. These environmental studies, along with feedback from the local community and other stakeholders, will be used to inform the design of any proposed project.

Should a proposed project be deemed feasible, we currently envisage that a planning application could be submitted to the consenting authority in Summer 2022.



Newsletter 1 Spring 2021

Cloghercor wind farm

Some Wind Farm, Co. Donegal

COMMUNITY

We appreciate that the current Covid-19 pandemic is making face-to-face engagement with the local community very challenging. Under normal circumstances we would talk through the information enclosed in this 1st project newsletter with all local residents via door-to-door house calls. However, unfortunately this is not currently possible. As a result, we are distributing this newsletter and encouraging you to contact us so we can start a conversation about the project.

We can be reached by:

Email: info@cloghercorwindfarm.com

Telephone: (021) 422 3677

Post: Cloghercor Windfarm Project, Floor 5, City Quarter, Lapps Quay, Cork City, Ireland

For more information visit our website www.cloghercorwindfarm.com

We fully acknowledge that not being able to meet face-to-face is by no means ideal and we look forward to the day where we will be able to meet and discuss this proposed project with you. In the meantime, we will continue to make every effort to ensure that we provide you with all the information you need to fully understand the details of the project as the plans progress.



FEIRM GHAOITHE AN CHLOCHAIR CHORR

Tá Brookfield Renewable agus Coillte Renewable Energy ag iniúchadh i gcomhairle an poitínseal a bheadh ann maidir le feirm ghaoithe a thobairt sna bailte fearainn darb ainm Clochar an Chuilinn agus an Clochar Corr i gContae Dhún na nGall.

Tá muid ag tús thobairt an tionscadail atá beartaithe, agus ba mhaith linn tús a chur le comhrá leis an phobal áitiúil maidir le cén dóigh a dtig le tionscadal forbartha inbhuanaithe den chineál seo cuidiú le tacú leis an gheilleagar áitiúil agus bheith ag cur go gníomhach le huailmhianta fuinnimh in-athnuaite ár dtíre.

Tá muid tiomanta do bheith ag dul i dteagmháil leis na páirtithe leasmhara ar bhealach cuimsitheach agus do bheith ag forbairt tionscadail atá stuama, agus atá ar mhaithe leis an tsocail agus lenár gcuid comharsana.

Tá staidéir thimpeallachta atá mionsonraithe á ndéanamh againn – le cuidiú linn tuigtheall an bhfuil nó nach bhfuil an ceantar seo fóirsteanach d'fheirm ghaoithe fuinnimh in-athnuaite. Bainfear leas as na staidéir thimpeallachta seo, chomh maith le haiseolas ó mhuintir na háite agus ó pháirtithe leasmhara eile, le dul i bhfeidhm ar dhearadh tionscadail ar bith a bhearfófar. Dá measfaí tionscadal beartaithe a bheith indéanta, samhlaíonn muid faoi láthair gur bhféidir iarratas pleandá a chur faoi bhráid an údarás toilithe i samhradh na bliana 2022.



Nuachtlitr 1 Earrach 2021

feirm ghaoithe an Chlochair Chorr

Feirm Ghaoithe an tSáim, Co. Dhún na nGall

AN POBAL

Tuigeanm muid go bhfuil sé iontach d'ádhánach, mar gheall ar phandéim reatha Covid-19, dul i dteagmháil ar bhonn aghaidh ar aghaidh leis an phobal áitiúil. De ghnáth, bheimis ag plé an eolas atá le fáil sa 1ú nuachtlitr thionscadail seo le gach cónaitheoir áitiúil trí bheith ag tabhairt cuairte ar gach teach. Níl sin indéanta faoi láthair, áfach, ar an drochuair. Dá bharr sin tá muid ag scaipeadh na nuachtlitr seo, agus ba bhreá linn go ndéanfá teagmháil linn sa dóigh go dtig linn tús a chur le comhrá faoin tionscadal.

Thig leat teagmháil a dhéanamh linn ag:

Riomhphost: info@cloghercorwindfarm.com

Teileafón: (021) 422 3677

Post: Tionscadal Feirme Gaoithe an Chlochair Chorr, Urlár 5, Ceathrú na Cathrach, Cé an Lapaigh, Cathair Chorcaí, Éire.

Le tuilleadh eolais a fháil tabhair cuairt ar ár suíomh gréasáin: www.cloghercorwindfarm.com

Admhaíonn muid go truaile is go hiomlán nach é an rud is fearr ó gan a bheith in ann teacht le chéile aghaidh ar aghaidh agus tá muid ag súil leis an lá nuair a bheid muid in ann busaíocht leat agus an tionscadal beartaithe seo a phlé leat. Idir an dá linn leanfaidh muid orainn de bheith ag déanamh gach iarracht cinntiú go gcuireann muid an t-eolas ar fad ar fáil duit atá de dhíth ort le sonraí an tionscadail a thuigtheall go hiomlán agus na pleannanna á gcur chun cinn.



Proposed Cloghercor Wind Farm Study Area



Limistéar Staidéir na Feirme Gaoithe atá Beartaithe ag an Chlochar Chorr

ESTIMATED PROJECT TIMELINE

We are in the early stages of project development and there will be many opportunities to engage the team and inform the design of the project as we progress.

● Autumn 2019	Ecological studies commence.
● Winter 2019	Environmental studies take place specific to the location of a planned meteorological wind measuring mast.
● Spring/Summer 2020	80m meteorological wind measuring mast installed. Ecological studies continue.
● Spring 2021	Community consultation commences.
● Summer 2021	Initial design and layout of the wind farm complete. Initial design shared with local community.
● Autumn 2021	Second design iteration complete (informed by studies and feedback). Design shared with local community.
● Spring 2022	Final wind farm design complete (incorporating survey findings and feedback).
● Summer 2022	Anticipated date for submission of planning application to consenting authority.

AMLÍNE MEASTA AN TIONSCADAIL

Tá muid ag tús fhorbairt an tionscadail go fóill agus is iomaí deis a bheidh ag daoine teagmháil a dhéanamh leis an fhoireann agus dul i bhfeidhm ar dhearadh an tionscadail de réir mar a chuireann muid chun cinn é.

● Fómhar 2019	Cuirtear tús le staidéir éiceolaíochta.
● Geimhreadh 2019	Tarlaíonn staidéir thimpeallachta a bhaineann go sonrach le suíomh beartaithe crainn mheitéareolaíoch tomhais ghaoithe.
● Earrach/Samhradh 2020	Déantar an crann meitéareolaíoch tomhais ghaoithe 80m a shuiteáil. Leantar ar aghaidh leis na staidéir éiceolaíochta.
● Earrach 2021	Cuirtear tús leis an chomhairliúchán leis an phobal.
● Samhradh 2021	Dearadh agus leagan amach tosaigh na feirme gaoithe curtha i gcrích. Roinntear an dearadh tosaigh leis an phobal áitiúil.
● Fómhar 2021	An 2ú leagan deartha curtha i gcrích (agus staidéir agus aiseolas i ndiaidh dul i bhfeidhm air). Roinntear an dearadh leis an phobal áitiúil.
● Earrach 2022	Dearadh deiridh na feirme gaoithe curtha i gcrích (agus cinneadh suirbhé agus aiseolas curtha san áireamh ann).
● Samhradh 2022	Is le linn na tréimhse seo a bhfuiltear ag súil leis go gcuirfean an t-iarratas pleanála faoi bhráid an údarás toilithe.



Some Wind Farm, Co Donegal

ABOUT US

Brookfield

Brookfield Renewable Ireland is one of the largest owners and developers of renewable assets in Ireland holding 10% of the operating wind farms in Ireland, employing approximately 100 people based in its Cork office and across its Irish wind farms. Brookfield's development pipeline will continue to deliver new renewable energy further contributing to the decarbonisation of Ireland.



COILLTE

GROW · TRANSFORM · SUSTAIN

Coillte's Renewable Energy business is a business within the Coillte Group. Coillte Renewable Energy developed and constructed a number of operational projects in recent years, and is continuing to develop renewable energy projects, either as 100% Coillte projects or as co-development projects.

Coillte owns and manages almost a million acres of land, and the Renewable Energy business is responsible for developing renewable energy projects on these lands. The stated ambition of the Renewable Energy business is to develop a further 1GW of renewable energy over the next ten years, driving Ireland's ambition to achieve 70% of electricity generation from renewable sources by 2030.

BEING A GOOD NEIGHBOUR

We want to be good neighbours in the communities in which we develop and operate projects. Engagement with the local community is a key activity for the Project Team.

The Project Team will be meeting with the local community, when possible, and we will ensure that information is readily available and that queries and questions are responded to in a transparent and efficient manner.

We are also committed to ensuring that local communities share in the economic opportunity that this potential project can bring and will offer a community benefit programme to support community development, in line with government policy and guidelines, should the development become an operational wind farm.



Feirm Ghaoithé an tSóim, Co. Dhún na nGall

BHEITH MAR CHOMHARSA MHAITH

Is mian linn bheith inár gcomharsana maithe sna pobail ina bhforbraíonn muid tionscadail agus ina gcuireann muid iad i bhfeidhm. Is gníomhalocht iontach tábhachtach i don Fhoireann Tionscadail bheith ag dul i dteagmháil leis an phobal áitiúil.

Beidh an Fhoireann Tionscadail ag bualadh leis an phobal áitiúil, nuair a bheidh sin indéanta, agus déanfaidh muid cinnte de go mbíonn eolas ar fáil go réidh agus go dtugtar freagra ar cheistanna ar bhealach soiléir agus éifeachtach.

Tá muid tiomanta fosta do bheith ag cinntiú go bhfaigheann pobal áitiúla a gcuideán den deis eacnamaíochta a d'fhéadfaidh a bheith i gceist leis an ábhar tionscadail seo; beidh muid ag tairiscint clár leasanna pobal le tacú le forbairt an phobail, de réir pholasáí agus threoirínte an rialtais, má thosaíonn an forbairt seo ag feidhmiú mar fheirm ghaoithe.

EOLAS FÚINN

Brookfield

Tá Brookfield Renewable Ireland ar cheann de na húinéirí agus forbróirí is mó sócmhainní in-athnuaite in Éirinn; tá 10% de na feirmeacha gaoithe atá ag feidhmiú in Éirinn ina seibh, agus iad ag fostaíocht thart ar 100 duine atá lonnaithe ina n-oifig i gCorcaigh agus ar a gcuid feirmeacha gaoithe in Éirinn. Leantfaidh 'píblíne' fhorbartha Brookfield air de bheith ag seachadadh fuinneamh in-athnuaite, ag cur tuilleadh le dícharbónú na hÉireann.



COILLTE

GROW · TRANSFORM · SUSTAIN

Is gnó é gnó Fuinnimh In-athnuaite Choillte atá mar chuid de Ghrúpa Coillte. D'fhorbair agus thóg Coillte Renewable Energy roinnt tionscadal oibríochtúil le blianta beaga anuas, agus tá siad ag leanúint orthu de bheith ag forbairt tionscadal fuinnimh in-athnuaite, cé acu mar thionscadail a bhaineann 100% le Coillte nó mar thionscadail chomhforbartha.

Tá beagnach milliún acra talún i seibh Coillte, agus iad á mbainistiú ag an eagraíocht, agus tá an gnó Fuinnimh In-athnuaite freagrach as tionscadail fuinnimh in-athnuaite a fhorbairt ar na bailte seo. Is i uailimhian dhearbhaite an ghnó Fuinnimh In-athnuaite ná 1GW breise fuinnimh in-athnuaite a fhorbairt sna deich mbliana atá le teacht, ag spreagadh uailimhian na hÉireann go mbainfí amach 70% den ghníúint leictreach ó thionscail in-athnuaite faoi 2030.



Sorne Wind Farm, Co Donegal

“Our environmental studies are currently ongoing and we would like to assure you that these are being undertaken in line with all COVID-19 guidance and protocols.”

ENVIRONMENTAL STUDIES

We have appointed external, expert, consultants TOBIN Consulting Engineers to carry out the detailed environmental studies that will help to inform the design of the wind farm.

These surveys include the identification of:

- Development constraints including setback distances from properties
- Watercourses
- Archaeological features
- Sensitive ecology and landscape areas
- Telecommunications links

These studies will help to establish if the overall Study Area is suitable for a potential wind energy project or not. The information gathered also helps to identify areas within the Study Area which may not be suitable for the placement of wind turbines and site infrastructure.

Noise:

We hope to start noise monitoring in properties near to the proposed wind farm study area. Should you have any questions please do not hesitate to get in touch.

The 2006 Wind Energy Development Guidelines (2006 WEDG's) provide details on noise limits for wind farm developments in Ireland. These guidelines are currently under review and the draft Wind Energy Development Guidelines (draft WEGs) were published in December 2019. These guidelines have been consulted on by the public and professionals in the noise industry alike. This is a welcome development as the 2006 WEGs are often criticised as not being up to date with current technology used by wind farm developers today. The noise limits in the new draft WEGs afford greater protection to residents living in the vicinity of proposed wind farms than the 2006 WEGs do. Furthermore, the draft WEGs also consider special audible characteristics. The draft WEGs are currently being debated, reviewed and refined following input from all interested parties. Further information can be obtained on the Department's website as follows: www.housing.gov.ie

The main sources of noise from a wind turbine include aerodynamic noise (rotating blades in the air) and mechanical noise (gearbox and generator).

From the outset, the project team have committed to using the noise impact assessment procedure in the new draft WEGs as well as the Institute of Acoustics 'A Good Practice Guide to the Application of ETSU-R-97 for the Assessment and Rating of Wind Turbine Noise' (2013).

Our environmental studies are currently ongoing and we would like to assure you that these are being undertaken in line with all COVID-19 guidance and protocols.



Feirm Ghaoithe an tSóirn, Co. Dhún na nGall

“Tá na staidéir thimpeallachta á ndéanamh againn go fóill faoi láthair agus ba mhaith linn deimhniú duit go bhfuil muid á ndéanamh de réir na treorach agus na bprótacal COVID-19 ar fad.”

STADÉIR THIMPEALLACHTA

Tá na comhairleoirí seachtracha saineolacha TOBIN Consulting Engineers ceaptha againn leis na staidéir mhionsonraithe thimpeallachta a chur i gcrích a chabhrúidh le dul i bhfeidhm ar dhearadh na feirme gaoithe.

Tá mar chuid de na suirbhéanna seo aithint na rudaí seo a leanas:

- Sriantha forbartha, stánachair ó thithe cónaithe san áireamh
- Sruthchúrsaí
- Gnéithe seandálaíochta
- Limistéir íogaire éiceolaíochta agus thirdreacha
- Naisc theileachumarsáide

Beidh na staidéir seo ina gcuideú le fáil amach má tá an Limistéar Staidéir iomlán fóirsteanach d'ábhar tionscadail fhuinnimh gaoithe. Bíonn an t-eolas a bhailítear ina chuideú fosta le limistéir a aithint laistigh den Limistéar Staidéir ar féidir nach bhfuil siad fóirsteanach do lonnú thuirbhíní gaoithe agus infrastructúir láithreáin.

Trup:

Tá muid ag súil le bheith ag tosú ar mhonatóireacht trup i dtithe cónaithe atá cóngarach don limistéar staidéir don fheirm gaoithe atá beartaithe. Má tá ceist ar bith agat ná biodh leisce ar bith ort teagmháil a dhéanamh linn.

Cuireann Treoirilnte Forbartha Fuinnimh Gaoithe ó 2006 (TFFG 2006) sonraí ar fáil maidir le sriantha trup d'fhorbairtí feirme gaoithe in Éirinn. Tá athbhreithniú á dhéanamh ar na treoirilnte seo faoi láthair agus foilsíodh na dréacht-Treoirilnte Forbartha Fuinnimh Gaoithe (dréachtTFFG) i Mí na Nollag 2019. Rinneadh comhairle leis an phobal agus le gairmithe de chuid an tionscail trup araon maidir leis na treoirilnte seo. Cuireann muid fáilte roimh an fhorbairt seo, ós rud é gur minic a cháinteáir TFFG 2006 as a bheith as dáta i dtaca leis an teicneolaíocht reatha a úsáidtear ag forbróirí feirme gaoithe sa lá atá inniu ann. Tugann na sriantha trup sna dréachtTFFG nua níos mó cosanta do chónaitheoirí atá ina gcónaí cóngarach d'fheirmeacha gaoithe a bheartaítear ná mar a thugann TFFG 2006. Chomh maith leis sin, cuireann na dréachtTFFG saintréithe inchloiste san áireamh. Tá na dréachtTFFG á bplé, á n-athbhreithniú agus á mionchoigeartú faoi láthair, i ndiaidh ionchur a fháil ó gach páirtí leasmhar. Is féidir tuilleadh eolais a fháil ar shuíomh gréasáin na Roinne, mar seo a leanas: www.housing.gov.ie

I measc na bpríomhfhoinseí trup as tuirbin gaoithe tá trup aeradínimiciúil (anna atá ag casadh san aer) agus trup meicniúil (gíarbhosca agus gineadóir).

Ón tús, tá an fhoireann tionscadail tiomanta do bheith ag úsáid an nós imeachta maidir le measúnú tionchair trup sna dréachtTFFG nua chomh maith le treoir na hInstitiúide Fuaiméolaíochta 'A Good Practice Guide to the Application of ETSU-R-97 for the Assessment and Rating of Wind Turbine Noise' (2013).

Tá na staidéir thimpeallachta á ndéanamh againn go fóill faoi láthair agus ba mhaith linn deimhniú duit go bhfuil muid á ndéanamh de réir na treorach agus na bprótacal COVID-19 ar fad.



Some Wind Farm, Co Donegal



Feirm Ghaioithe an tSóirn, Co. Dhún na nGall

WHY WIND ENERGY

With the publication of the 'Climate Action Plan' in 2019, the Irish Government has made a firm commitment on climate action and is forming part of climate change legislation which includes:

- A target of net zero economy-wide greenhouse gas, GHG, emissions by 2050
- A target for the renewable share of electricity generation of 70% by 2030
- Provision for five-yearly carbon budgets, consistent with the emissions reduction pathway to 2030 and 2050.

The Irish Government also recently published 'Project Ireland 2040: National Development Plan 2018 – 2027', which outlines the need for an additional 3,000 - 4,500 MW of renewable energy as an investment priority.

The further development of renewable energy projects is a vital component of Ireland's strategy to tackle the challenges of combating climate change and ensuring a secure supply for our future energy needs. The proposed Cloghercor Wind Farm project is being explored, in part, as a response to these challenges and we feel it has the potential to contribute greatly to this global cause.

“The further development of renewable energy projects is a vital component of Ireland's strategy to tackle the challenges of combating climate change and ensuring a secure supply for our future energy needs.”

CAD CHUIGE AN FUINNEAMH GAOITHE?

Le foilsú an 'Plean Ghníomhaíthe ar son na hAeráide' i 2019, tá tiomantas daingean déanta ag Rialtas na hÉireann maidir le gníomhaíocht ar son na haeráide; cuid den reachtaíocht athraithe aeráide atá ann, a n-áirítear mar chuid di:

- Sprioc de ghlanastuithe nialasacha gás ceaptha teasa (GCT) faoi 2050
- Sprioc don chion in-athnuaite giniúna leictreachais de 70% faoi 2030
- Soláthar do bhuiséid charbóin gach cúig bliana, atá de réir na conaire laghdaithe astuithe go 2030 agus 2050.

Ar na mallaibh d'fhoiligh Rialtas na hÉireann 'Tionscadal Éireann 2040: An Plean Forbartha Náisiúnta 2018 – 2027' fosta, a chuireann síos ar an ghá atá ann le 3,000 - 4,500 MW breise fhuinnimh in-athnuaite mar thosaíocht infheistíochta.

Is é atá i bhforbairt bhreise na dtionscadal fuinnimh in-athnuaite ná eilimint rithabhachtach de straitéis na hÉireann le dul i ngleic leis an athrú aeráide agus le soláthar sábháilte a chinntiú d'ár gcuid riachtanas fuinnimh thodhchaí. Tá iniúchadh á dhéanamh ar thionscadal beartaithe na Feirme Gaoithe ag an Chlochar Chorr, go pointe mar fhreagra ar na dúshláin seo, agus creideann muid go bhfuil sé d'acmhainn aici cur go mór leis an chúis dhomhanda seo.

“Is é atá i bhforbairt bhreise na dtionscadal fuinnimh in-athnuaite ná eilimint rithabhachtach de straitéis na hÉireann le dul i ngleic leis na dúshláin sin a bhaineann le cur in aghaidh an athraithe aeráide agus le soláthar sábháilte a chinntiú d'ár gcuid riachtanas fuinnimh thodhchaí.”

MEET THE TEAM

Both Brookfield Renewable and Coillte Renewable Energy have extensive experience in the design, construction and operation of wind energy developments throughout Ireland, with projects brought from conception through to operation in counties Donegal, Cork, Kerry, Limerick, Wicklow, Galway, Roscommon, Clare, and Leitrim.

The Project Team directly involved in the proposed Cloghercor Wind Farm project includes a Project Manager from Brookfield Renewable (James Dineen), a Project Manager from Coillte and a Community Liaison Officer (Sean Doherty) as well as a number of specialists in the areas of grid, planning and wind resource.



James Dineen
Lead Project Manager

James Dineen is Brookfield Renewable's Project Manager for the proposed Cloghercor Wind Farm project. James brings extensive experience in renewable energy development having worked in the sector for 10 years.



Sean Doherty
Community Liaison Officer

Sean Doherty is the Community Liaison Officer for the proposed Cloghercor Wind Farm project. A resident native of Donegal, Sean is an experienced forestry manager and was involved in the planting of the Cloghercor forest site.

CUIR AITHNE AR AN BHFOIREANN

Tá an-taithí ag Brookfield Renewable agus Coillte Renewable Energy araon maidir le dearadh, tógáil agus cur i bhfeidhm fhorbairtí fuinnimh gaoithe ar fud na hÉireann, agus tionscadail á dtabhairt ón mbunsmaoineamh go dtí an cur i bhfeidhm sna contaetha seo a leanas: Dún na nGall, Corcaigh, Ciarraí, Luimneach, Oll Mhantáin, Gaillimh, Ros Comáin, an Clár agus Liatroim.

I measc bhailín na Foirne Tionscadail atá páirteach go díreach sa tionscadal atá beartaithe, Feirm Ghaoithe an Chlochair Chorr, tá le sonrú Bainisteoir Tionscadail ó Brookfield Renewable (James Dineen), Bainisteoir Tionscadail ó Choillte agus Oifigeach Teagmhála Pobail (Sean Doherty), chomh maith le roinnt speisialtóirí i réimsí na heangail, na pleanála agus na hacmhainne gaoithe.



James Dineen
An Priomhbhainisteoir Tionscadail

Is é James Dineen Bainisteoir Tionscadail Brookfield Renewable don tionscadal atá beartaithe. Feirm Ghaoithe an Chlochair Chorr. Tá an-taithí ar fad ag James maidir le forbairt an fuinnimh in-athnualte, agus é ag obair san eamáil seo le 10 mbliana anuas.



Sean Doherty
An Oifigeach Teagmhála Pobail

Is é Sean Doherty an Oifigeach Teagmhála Pobail don tionscadal atá beartaithe, Feirm Ghaoithe an Chlochair Chorr. Is Conallach é Sean, agus é ina chónaí sa chontae; tá taithí ag Sean mar bhainisteoir foraiseachta, agus bhí baint aige le plandáil láithreáin choille an Chlochair Chorr.

Brookfield


COILLTE
GROW · TRANSFORM · SUSTAIN

CONTACT US

We welcome all engagement and interaction with you on any aspect of what we are proposing to do.

You can contact us

Email: info@cloghercorwindfarm.com

Telephone: (021) 422 3677

Post: **Cloghercor Windfarm Project, Floor 5, City Quarter, Lapps Quay, Cork City, Ireland**

For more information visit our website www.cloghercorwindfarm.com

Brookfield


COILLTE
GROW · TRANSFORM · SUSTAIN

DÉAN TEAGMHÁIL LINN

Cuireann muid fáilte roimh rannpháirtíocht ná idirghníomhaíocht ar bith leat féin maidir le gné ar bith dá bhfuil sé i gceist againn a dhéanamh.

Thig leat teagmháil a dhéanamh linn ag:

Ríomhphost: info@cloghercorwindfarm.com

Telleadfón: (021) 422 3677

Post: **Tionscadal Feirme Gaoithe an Chlochair Chorr, Urlár 5, Ceathrú na Cathrach, Cé an Lapaigh, Cathair Chorcaí, Éire.**

Le tuilleadh eolais a fháil tabhair cuairt ar ár sulomh gréasáin: www.cloghercorwindfarm.com

Newsletter 2 - June 2021



Newsletter 2 June 2021

Cloghercor wind farm

Kilgerwin Wind Farm, Co Kerry

CLOGHERCOR WIND FARM

Welcome to the second newsletter from the project team for the proposed Cloghercor Wind Farm. In this newsletter, we are pleased to present an initial design and invite you to attend our upcoming virtual consultation event to learn more about our proposals.

Since our last newsletter, there have been some corporate changes at both Brookfield Renewable and Coillte.

Orsted has signed an agreement with Brookfield to acquire Brookfield's Irish and UK renewable platform and pipeline projects, including the Cloghercor project.

Coillte have agreed to create a Joint Venture company with ESB and together they will develop their pipeline of onshore wind projects.

Both companies will shortly begin operating under their new names, however the people involved in the Cloghercor project remain unchanged, including our contact details. Our proposals for Cloghercor Wind Farm will continue to be progressed by our experienced and professional Ireland-based team.

Since 2019 we have been undertaking detailed ecological and feasibility studies around the townlands of Cogheradhullion and Cloghercor for a potential wind energy project.

Further to the outcome of these studies we are delighted to now be at the stage where we can present an initial proposal and layout for the proposed Cloghercor Wind Farm, consisting of:

<p>Proposal for 23 turbines</p>	<p>200m tip height</p>
<p>Potentially 140 MW</p>	<p>A substantial community benefit package</p>

You can view the proposed design and layout of the wind farm [overleaf](#).

VISIT OUR ONLINE EXHIBITION

We appreciate that the ongoing Covid-19 restrictions make face-to-face engagement with the local community challenging. Whilst under normal circumstances we would undertake door-to-door house calls and local exhibitions, this is unfortunately not possible in the current circumstances.

However, we are pleased to invite you to visit our online exhibition where you can:

- View more detail on our proposed design for Cloghercor Wind Farm
- Hear from our team in a video update
- Submit questions about the project and give us your feedback.

The exhibition will be live from Monday 28 June, where we invite you to access the materials and provide your feedback.

Visit the exhibition at: www.cloghercorwindfarm.com

If you cannot access the virtual exhibition or wish to access the materials in an alternative way, please contact us and we will do our best to accommodate your requirements.

We sincerely hope that as our plans progress we will be able to hold in-person events to present and discuss our proposals in due course. If you wish to meet us to discuss the proposal in a Covid-19 secure meeting, please contact us.



Somer Wind Farm, Co Donegal



Nuachtlitr 2 Meitheamh 2021

feirm ghaoithe an Chlochair Chorr

Feirm Ghaoithe Chill Gharbáin, Contae Chiarraí

FEIRM GHAOITHE AN CHLOCHAIR CHORR

Fáilte go dtí an dara nuachtlitr ó fhoireann an tionscadail don Fheirm Ghaoithe atá molta don Chlochair Chorr. Sa nuachtlitr seo, tá luchtair orainn deardadh tosaigh a chur in bhur lárthair agus cuireadh a chur orainn freastal ar an imeacht fhíorúil comhairliúcháin atá ag dul a bheith againn le tuilleadh a fháil amach fú na tógraí atá againn.

Ón nuachtlitr dhéireanach a bhí againn, tá cúpla aistriú copairáideach i ndiaidh a bhíth againn, in Brookfield Renewable agus Coillte araon.

Tá comhaontú sínithe ag Orsted le Brookfield go bhfaighidh Orsted tionscadal ardán agus phibline in-athnuaite Brookfield, in Erin agus sa Ríocht Aontaithe, tionscadal an Chlochair Chorr san áireamh.

Tá comhaontú tugtha ag Coillte Gáidhearta Domhthionair a chruith le Bord Soláthair an Leictreachais agus déantaidh siad pibline de thionscadal ghaoithe ar tí a thabairt i dtionnra a chéile.

Beidh ar dá chuideachta ag cur tús gar mháil le feidhmeil tionsa n-áirimneacha nua, ach ní aistriú le teocht ar na daoine a mbeidh baint acu le tionscadal an Chlochair Chorr, sonraí teagmhála san áireamh. Déanfaidh an fhoireann ghairmiúil atá againn in Erin, a bheith an-bailní aici, na tógraí atá againn tá choinne Feirm Ghaoithe an Chlochair Chorr a chur dhun cinn.

Ó bhí 2019 am, tá muid i ndiaidh tabhairt faoi staidéir mionsonraithe éiceolaíochta agus inléantachta fá choinne tionscadal feirmeil ghaoithe a d'fhéadfaidh a bheith againn, idir na bailte learaime Chlochair an Chuilin agus an Chlochair Chorr.

Anuas ar thorthaí na staidéir sin, tá luchtair orainn go bhfuil muid ag an chéim seo go dtig linn tógra agus leagan amach tosaigh a chur i lárthair don Fheirm Ghaoithe atá molta don Chlochair Chorr, a mbeidh na codanna seo mar chuid de:

<p>Tógra fá choinne 23 thurbin</p>	<p>Blior 200 m ar airde</p>
<p>140 MW b'fhéidir</p>	<p>Pacáiste suntasach chun leas an phobail</p>

Thig leat amharc ar an deardadh agus leagan amach atá molta don Fheirm Ghaoithe ar an tábairt eile den leathán seo.

TABHAIR CUAIRT AR AN TAISPEÁNTAS FHÍORÚIL S'AGAINNE

Tuigeanm muid go bhfuil sé dolligh plé leis an phobal áitiúil duine le duine clonm is go bhfuil arianataí COVID-19 go fóill i bhfeidhm i lárthair na huasra. Dá mbeadh cúrsaí mar is gnáth, bheadh muid ag buslath isteach chuig daoine ó theach go teach agus bheadh taispeántais áitiúla againn ach ní thig a dhéanamh toisc an dóigh a bhfuil rudal fá lárthair.

Se rólle, tá luchtair orainn cuireadh a chur orainn cuairt a thabhairt ar an taispeántas ar líne atá againn, áit a dtig leat na rudal seo a dhéanamh:

- Tuilleadh sonraí a fháil faoi deardadh atá molta againn fá choinne Feirm Ghaoithe an Chlochair Chorr
- Éisteach leis an fhoireann s'againne i bhfíseán ina dteannta an t-éideolaí óine
- Ceoláras a chur isteach fáil tionscadal agus aistriú a thabhairt dháinn.

Beidh an taispeántas beo ón Luain, an 28 Meitheamh, agus tugannm muid cuireadh daoibh an t-ábhar a chioradh agus aicshothú a thabhairt.

Amharc an taispeántas anseo: www.cloghercorwindfarm.com.

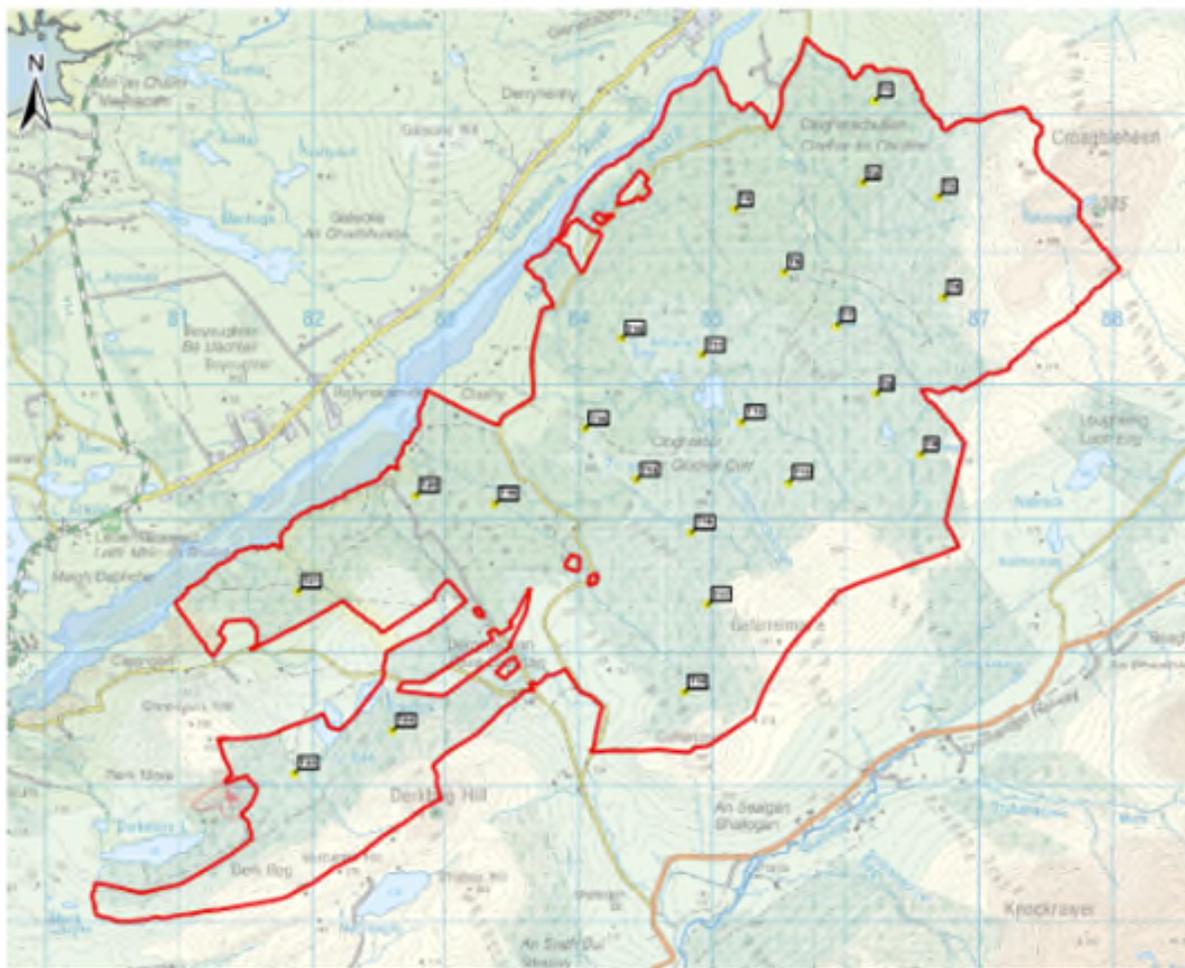
Muna dtig leat teacht ar an taispeántas fhíorúil nó más mian leat an t-ábhar a fheiceáil ar threabach ar bith eile, déan teagmháil linn agus beantachm muid ar aicshothú ndícheall freastal ar na rianairais atá againn.

Tá muid ag súil go mór go mbeidh muid inaite imeachtaí a reáchtáil amach anseo a mbeidh daoine ábairt freastal orthu leis na tógraí atá againn fá choinne lárthair is a phlé in am trátha. Más mian leat buslath linn leis an tábairt a phlé i gcomhrá a bheas slán ó thadhl COVID-19 de, déan teagmháil linn.



Feirm Ghaoithe an Chlochair Chorr, Contae Chiarraí

CLOGHERCOR WIND FARM
DESIGN ITERATION 1 – LOCATION & LAYOUT



PROJECT UPDATE
SINCE OUR LAST NEWSLETTER:

- We have completed initial assessments with the Project Study Area. Based upon the findings of these assessments, the Study Area has been reduced down to a Study Area from which a layout design, including preliminary wind turbine locations, is aimed at. Design Iteration 1 is subject.

- We will be holding a virtual exhibition event to display further details of Design Iteration 1 and the findings of our initial studies. Visit www.cloghercorwindfarm.com from 28 June to view the materials and provide your feedback.

- An Bord Pleanála has approved an appeal to increase the height of the existing meteorological mast (met mast) on the site. Construction of the 20m extension to the met mast is due to commence in July. A met mast informs the suitability of a site for potential wind farm development by carrying out a number of detailed measurements, such as wind speed and wind direction.

- Background Noise monitoring is due to commence in the coming weeks. This involves the placing of a number of noise monitoring units (like the one pictured) around the proposed site. This monitoring will allow us to complete a robust noise impact assessment and integrate our findings into the design process.



- We have completed a LiDAR flyover of the proposed site, conducted to assess the height of forestry in the area. This helps inform our wind analysis team of the effect of forestry on the productivity of the site over the lifetime of the wind farm.

- We hope to conduct a pre-application meeting with An Bord Pleanála to determine if Cloghercor Wind Farm can be considered as a Strategic Infrastructure Development (SID). SIDs are submitted directly to An Bord Pleanála for determination.



Clougher Cor Wind Farm, Co. Donegal

“We are currently at Design Iteration 1. There will be two more design stages to be undertaken based on the findings of further site investigations and valued stakeholder feedback before we prepare a final planning submission.”



Clougher Cor Wind Farm, Co. Donegal

CLOGHERCOR WIND FARM DESIGN ITERATION 1

The locations of the proposed wind turbines and all other proposed infrastructure is informed by rigorous site investigations and assessments which include:

- Ecological Surveys
- Geotechnical Surveys
- Geotechnical, Hydrological and Geological Site Investigations
- Shadow Flicker Modelling
- Noise Modelling
- Archaeological Surveys
- Landscape and Visual Assessment
- Wind Resource Modelling

Based upon the findings of these assessments, the Study Area has been reduced down to a Suitable Area from which a layout design, including preliminary wind turbine locations, is derived at. Many sections of the initial Study Area have now been excluded in order to form the Suitable Area.

The Suitable Area is continuously updated throughout the design process. We are currently at Design Iteration 1. There will be two more design stages to be undertaken based on the findings of further site investigations and valued stakeholder feedback before we prepare a final planning submission.

The Suitable Area factors in numerous constraints, including:

- Setback distance from Special Protection Areas and the National Heritage Areas
- 750 meter minimum setback from dwellings
- Avoidance of areas of steep ground slope
- 50 meter setback from watercourses
- Avoidance of areas with excessive deep peat
- Optimisation of design for visual impact
- Setback from public roads and overhead powerlines
- Setback from, and alignment with, archaeological and cultural/heritage features.

Future design stages are likely to reduce the Suitable Area further as additional constraints are taken into consideration.



Clougher Cor Wind Farm, Co. Donegal

DELIVERING COMMUNITY BENEFIT

We are committed to delivering local benefits and we want to work closely with the community nearby to the proposed site to ensure that we can help bring forward and support sustainable, long-term community initiatives.

In accordance with the government-led Renewable Energy Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund throughout the period that the wind farm is commissioned. This will include a near neighbour scheme.

We would like to begin a discussion with the community as to how such a fund could be directed towards local needs, amenities and services, such as:

- Local recreational facilities
- Broadband and connectivity upgrades
- Education, skills and employment initiatives
- Local services such as community halls or community event sponsorship.

If you would like to speak to us about the community benefit opportunities, please get in touch – we are keen to hear from you.



“We would like to begin a discussion with the community as to how such a fund could be directed towards local needs, amenities and services.”

ESTIMATED PROJECT TIMELINE

We are in the very early stages of project development and there will be many opportunities to engage the team and inform the design of the project as we progress.

- **October 2019** Ecological studies commence.
- **Winter 2019** Environmental studies take place specific to the location of a planned meteorological wind measuring mast.
- **July 2020** 80m meteorological wind measuring mast installed.
- **March/April 2021** Community consultation commences with distribution of first project newsletter.
- **June 2021** Initial design and layout of the wind farm complete and first virtual exhibition event will take place.
- **July 2021** Met mast installed on the site to be increased in height to 100m.
- **Autumn 2021** Second design iteration complete, informed by studies and feedback. We will consult the community on the second design iteration.
- **Early 2022** Final wind farm design complete, informed by studies and feedback.
- **Summer 2022** Anticipated date for submission of planning application to consenting authority.

THE CLOGHERCOR PROJECT TEAM

Our team has extensive experience in the design, construction and operation of wind energy developments throughout Ireland and we are working closely with specialist consultants who are experts in the areas of grid, planning and wind resource.



James Dineen
Lead Project Manager

James Dineen is Ørsted's Project Manager for the proposed Cloghercor Wind Farm project. James brings extensive experience in renewable energy development having worked in the sector for over 10 years.



Sean Doherty
Community Liaison Officer

Sean Doherty is the Community Liaison Officer for the proposed Cloghercor Wind Farm project. A resident native of Donegal, Sean is an experienced forestry manager and was involved in the planting of the Cloghercor forest site.



Ciara Conboy
Project Manager, Coillte

Ciara Conboy is Coillte's Project Manager for the proposed Cloghercor Wind Farm project. Ciara has recently joined the Coillte Renewables Team bringing experience from a range of renewable energy projects across the country.

CONTACT US

We are committed to close engagement with residents and the community and would be pleased to hear from you. You can get in touch with us in advance, during and after our virtual exhibition using the details below:

Email: info@cloghercorwindfarm.com

Telephone: (021) 422 3677

Post: Cloghercor Windfarm Project, Floor 5, City Quarter, Lapps Quay, Cork City, Ireland

For more information visit our website www.cloghercorwindfarm.com

Farm Dual language.pdf

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AMLINE MEASTA AN TIONSCADAIL

Tá muid sna céimeanna iontach luath den fhorbairt ar an tionscadal, agus beidh a lán seansanna ann plé leis an fhoireann agus muid a chur ar an eolas leis an tionscadal a dhearadh de réir mar a théann muid ar aghaidh.

- **Deireadh Fómhair 2019** Cúireadh tús le staidéir éiceolaíochta.
- **Nollaig 2019** Cúireadh staidéir chomhshaoil i gcrích a bhain go sonrach leis an áit a mbeadh crann pleanáilte meitéareolaíochta leis an ghaith a thomhas.
- **Iúil 2020** Suiteáiladh crann meitéareolaíochta tomhaiste gaoithe 80m.
- **Márta/Aibreán 2021** Cúireadh tús leis an chomhairliúchán pobail nuair a cúireadh amach an chéad nuachtlitr don tionscadal.
- **Meitheamh 2021** Cuirfead dearadh agus leagan amach tosaigh na feirme gaoithe i gcrích agus beidh an chéad imeacht, taispeántas fíorúil, ann.
- **Iúil 2021** Déantar an crann meitéareolaíochta atá suiteáilte ar an tsuíomh a ardú go 100m ar airde.
- **Fómhar 2021** Cuirfead an dara leagan den dearadh i gcrích, agus bainfead leas as staidéir agus aischothú mar eolas fára choinne, tarraidh muid comhairle an phobail don dara leagan den dearadh.
- **Go luath in 2022** Cuirfead an dearadh déireanach don fheirm gaoithe i gcrích agus bainfead leas as staidéir agus aischothú lena dhéanamh.
- **Samhradh 2022** Táthar ag dréim leis gur seo nuair a chuirfead an t-iarrafas pleanáil faoi bhráid an údaráis tollthe.

FOIREANN TIONSCADAIL AN CHLOCHAIR CHORR

Tá taithi leathan ag an fhoireann seo againne ó thaobh forbraíochtaí fuinnimh gaoithe a dhearadh, a thógáil agus a fheidhmiú ar fud na hÉireann. Tá muid ag obair go dlúth le sainchomhairleoirí ar saineolaíthe iad sna réimsí greille, pleanáil agus acmhainní gaoithe.



James Dineen
Bainisteoir Tionscadail, Ørsted

Is é James Dineen Bainisteoir Tionscadail Ørsted ar thionscadail molta Fheirm Ghaoithe an Chlochair Chorr. Tá cuid mhór taithi ag James i bhforbairt an fuinnimh in-athnuaite, agus tá níos mó ná deich mbliana caite aige ag obair san eamál.



Sean Doherty
Oifigeach Teagmhála Pobail

Is é Sean Doherty an tOifigeach Teagmhála Pobail ar thionscadail molta Fheirm Ghaoithe an Chlochair Chorr. Is as Dún na nGall ó dhúchas é Sean, agus tá an-taithi aige mar bhainisteoir foraoiseachta. Bhí baint aige le suíomh foraoise an Chlochair Chorr a phlandú.



Ciara Conboy
Bainisteoir Tionscadail, Coillte

Is í Ciara Conboy Bainisteoir Tionscadail Coillte ar thionscadail molta Fheirm Ghaoithe an Chlochair Chorr. Tá Ciara i ndiaidh tocht le gaird go Foireann Athnuaiteán Coillte agus taithi aic ar thionscadail in-athnuaite éagsúla ar fud na tíre.

DÉAN TEAGMHÁIL LINN

Tá muid íomanta ó thaobh dlúth-chaidreamh a bheith againn leis na daoine atá ina gcónaí san áit agus leis an phobal. Ba bhreá linn cluinint uabh. Thig linn na sonraí thíos a úsáid le teagmháil a dhéanamh linn roimh an taispeántas fíorúil, lena linn nó ina dhiaidh:

Riomhphost: info@cloghercorwindfarm.com

Fón: (021) 422 3677

Post: Tionscadal Fheirm Ghaoithe an Chlochair Chorr, Urlár 5, Ceathrú na Cathrach, C6 an Lapaigh, Cathair Chorcaí, Éire

Le tuilleadh eolais a fháil, is féidir dul chuig ár suíomh gréasáin: www.cloghercorwindfarm.com

Newsletter 3 - May 2022



Kilgrynn Wind Farm, Co Kerry

CLOGHERCOR WIND FARM

Welcome to the third newsletter from the project team for the proposed Cloghercor Wind Farm, located in the Clogherchullion and Cloghercor areas of County Donegal.

Our community engagement started in April 2021 when we issued the first newsletter for this project. Our initial proposal has been on display via an online exhibition since July 2021 on the project website, at www.cloghercorwindfarm.com.

Engagement has continued throughout this time, with our Community Liaison Officers available to answer any questions that have arisen, and an online information webinar took place in November 2021.

We have been carefully considering feedback from the community and evaluating the findings from ongoing environmental site studies. We are now pleased to be able to share an updated proposal for Cloghercor Wind Farm, which represents a reduction in the number of turbines and changes to their placement.

 Reduced scheme consisting of **21** turbines

Producing approximately **126 MW** of green energy 

Approximately **€500,000** in community benefit for every year the wind farm is in operation 

VIEW OUR UPDATED PROPOSAL AND MEET THE TEAM

You can view our proposed design and layout of the wind farm on the next page. You can also view it at www.cloghercorwindfarm.com. This website provides new maps and visualisations of the scheme, in addition to further information on the detailed studies that are underway on the site.

We also invite you to book an appointment to meet our local project team, learn more about the proposal, and to ask any questions.

Email us at info@cloghercorwindfarm.com or call Sean or John, our Community Liaison Officers, on (021) 422 3677 to arrange a meeting on either of the following days:

Halla Naomh Bríde, Madavagh, Lettermacaward
Monday 13 June, 12pm – 8pm

Teach Gleann Ceo, Main Street, Doohary
Tuesday 14 June, 12pm – 8pm



Source: Wind Farm, Co Donegal



Feirm Ghaoithe Chill Gharthán, Co. Chiarraí

FEIRM GHAOITHE AN CHLOCHAIR CHORR

Fáilte chuig an tríú nuachtlitr ó fhoireann an tionscadail don Feirm Ghaoithe atá beartaithe don Chlochair Chorr, le bheith suite i gceantar Chlochair an Chuilinn agus an Chlochair Chorr i gContae Dhún na nGall.

Thosaigh ár rannpháirtíocht sa phobal i Mí Aibreán 2021 nuair a d'éisigh muid an chéad nuachtlitr don tionscadal seo. Tá ár dtogra tosaigh ar taispeáint trí mhéin taispeántais ar líne ó bhí Mí Iúil 2021 ann ar shuíomh gréasáin an tionscadail, ag www.cloghercorwindfarm.com.

Leanadh ar aghaidh leis an rannpháirtíocht sa phobal ar feadh na tréimhse seo, agus áir gcuid Oifigeach Idirghabhála Pobail ar fáil le freagra a thabhairt ar cheist ar bith a tháinig chun cinn; eagraíodh suíomh gréasáin eolas ar líne i Mí na Samhna 2021.

Tá muid i ndiaidh bheith ag smaoineamh go cúramach faoin aiseolas ón phobal agus measúnú a dhéanamh ar an chinneadh ó staidéir láithreán chomhshaoil atá ag dul ar aghaidh. Tá muid sásta anois bheith in ann togra nuashonraithe a roinnt libh d'Feirm Ghaoithe an Chlochair Chorr, mar a bhfuil i gceist laghdú ó thabobh líon na dtuirbíní de chomh maith le hathruithe maidir leis an áit ina bhfuil siad le cur.

 Scéim laghdaithe a bhfuil **21** thuirbín i gceist léi

Ag táirgeadh thart ar **126 MW** of fuinnimh ghlais 

Thart ar luach **€500,000** sochair phobail do gach bliain ina mbíonn an feirm ghaoithe in oibríocht 

AMHARC AR ÁR DTOGRA NUASHONRAITHE AGUS BUAIL LEIS AN FHOIREANN

Thig leat amharc ar an dearadh agus ar an leagan amach atá beartaithe againn don feirm ghaoithe ar an chéad leathanach eile. Thig leat bheith ag amharc air ag: www.cloghercorwindfarm.com. Soláthraíonn an suíomh gréasáin seo léarscáileanna nua chomh maith le hamharcléirithe den scéim, chomh maith le hoolas breise faoi na staidéir mhionsonraithe atá ar siúl ar an láithreán.

Tugann muid cuireadh duit fosta le coinne a dhéanamh le buaidh lenár bhfoireann áitiúil tionscadail, foghlaim níos mó faoin togra, agus ceisteanna ar bith atá agat a chur.

Duir ríomhphost chugainn ag info@cloghercorwindfarm.com nó cuir glao ar Sean nó ar John, ár gcuid Oifigeach Idirghabhála Pobail ar (021) 422 3677 le crúinniú a eagrú ar cheann den dhá dháta seo a leanas:

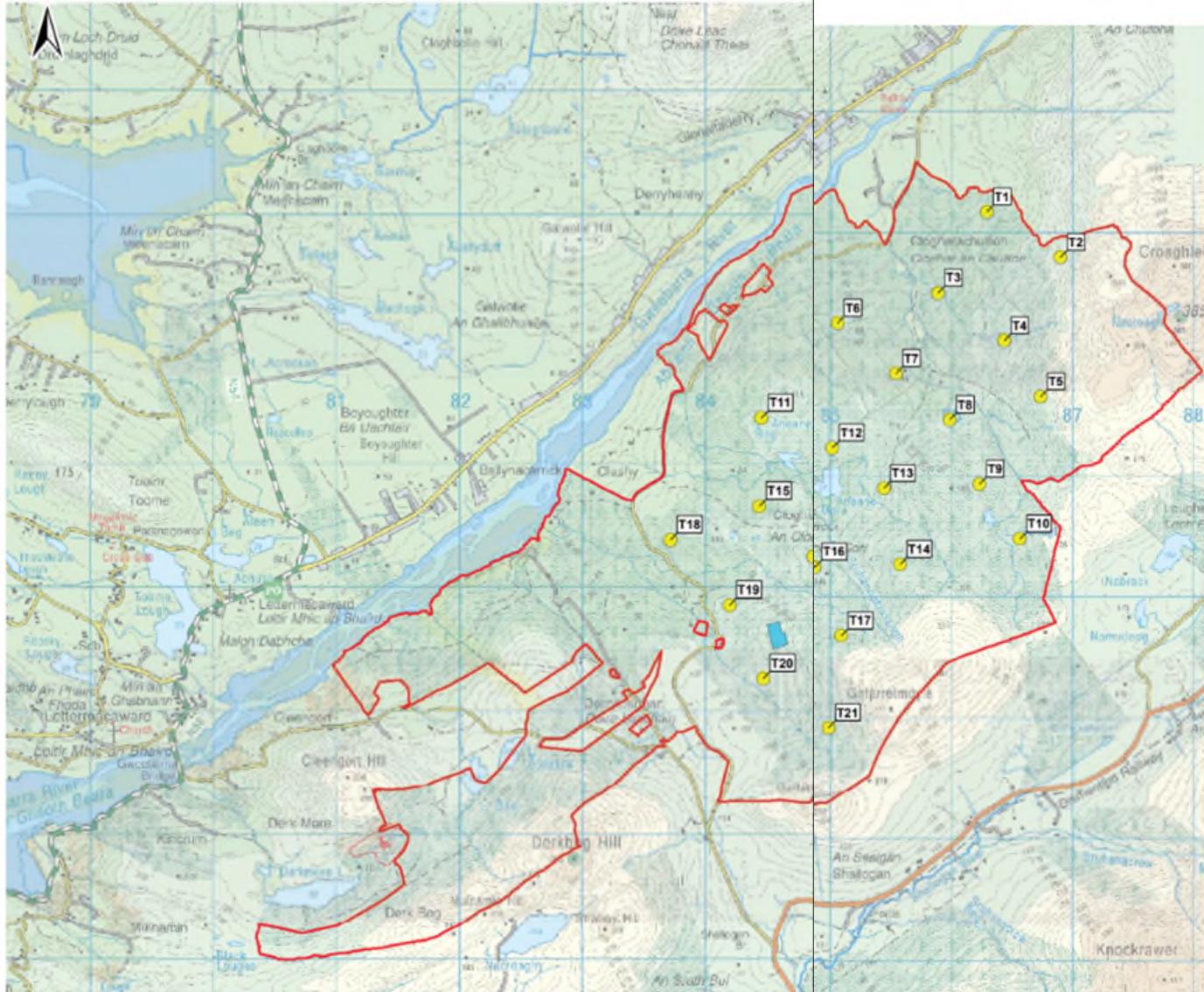
Halla Naomh Bríde, Maigh Dabhcha, Leitir Mhic an Bhaird,
Dé Luain 13 Meitheamh, 12 in – 8 in

Teach Gleann Ceo, an Phríomhshráid, an Dúchoraladh,
Dé Máirt 14 Meitheamh, 12 in – 8 in



Feirm Ghaoithe an tSáim, Co. Dhún na nGall

CLOGHERCOR WIND FARM
DESIGN ITERATION 2 – LOCATION & LAYOUT



Dual language.pdf

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PROJECT UPDATE
SINCE OUR LAST NEWSLETTER:

- We have revised the proposal for Cloghercor Wind Farm to reflect the findings of our ongoing on-site studies. Our updated proposal now encompasses a more compact development consisting of 21 turbines.
- Our numerous ecology and environmental surveys have continued on the site. These surveys include studies into aquatic, bat and ornithology (bird) activity on the site.



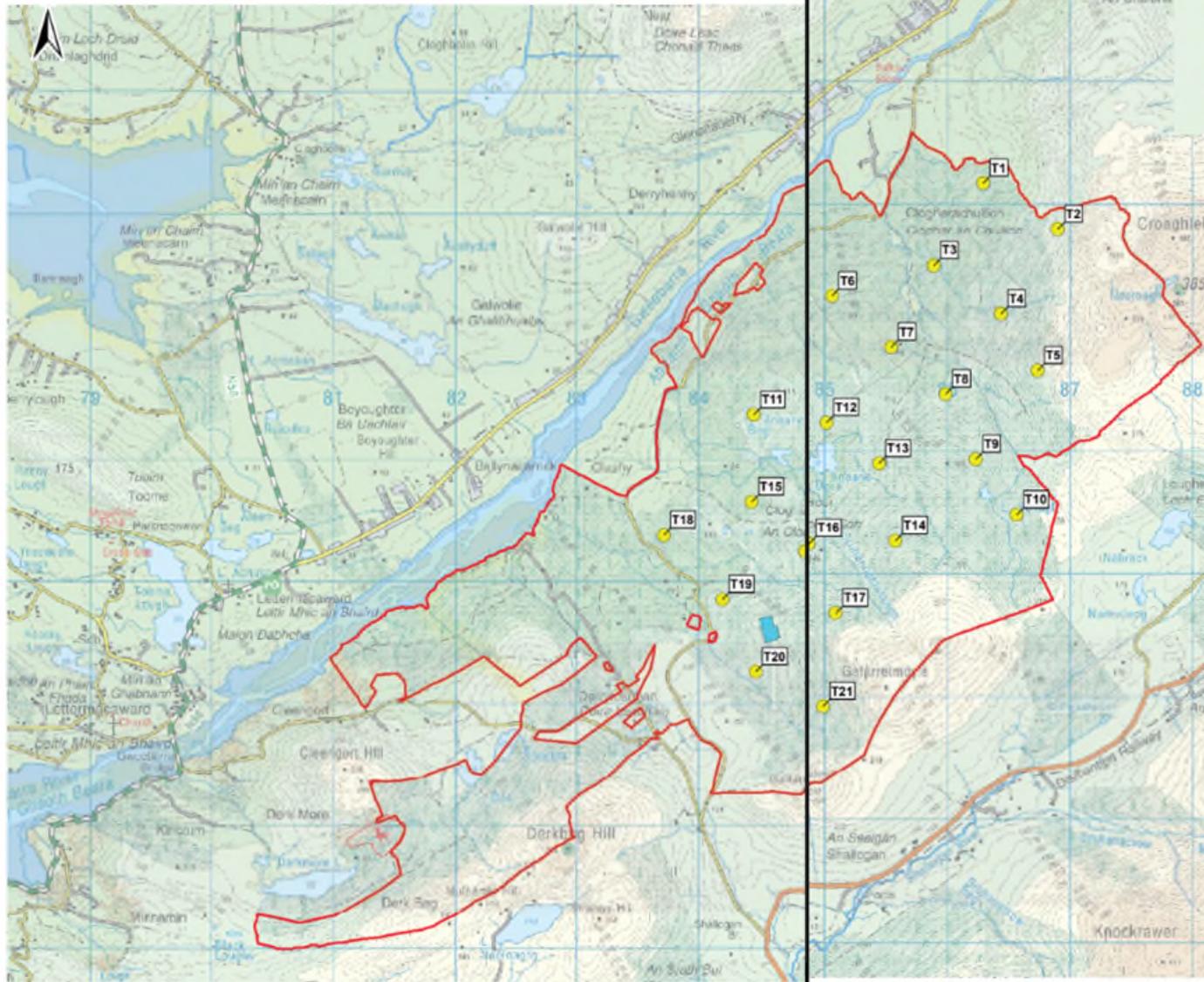
Ecology studies are ongoing on site

- Landscape and visual assessments have been ongoing, with the production of a number of photomontages to demonstrate how the revised proposal may appear from various viewpoints around the site.

Photomontages from a variety of representative viewpoints will be on display at our community engagement meetings on 13 and 14 June, and available to view at our online exhibition room at www.cloghercorwindfarm.com

- In accordance with planning permission, the meteorological mast ('met mast') installed on the site has been increased in height from 80m to 100m. The met mast is helping us to assess the suitability of the site for a wind energy development by measuring wind speeds and wind direction.

FEIRM GHAOITHE AN CHLOCHAIR CHORR LEAGAN DEARHTHA 2 – SUÍOMH & LEAGAN AMACH



NUASHONRÚ TIONSCADAIL Ó BHÍ ÁR NUACHTLITIR DHEIREANACH ANN:

- Tá an togra athbheithithe againn d'Fheirm Ghaoithe an Chlochair Chorr le cinneadh ár staidéir ar an láthair, atá ag dul ar aghaidh go fóill, a léiriú. Cuimsíonn ár dtogra nuashonraithe forbairt níos dlúithe anois, a bhfuil 21 thuirbín i gceist léi.

- Tá muid ag leanúint ar aghaidh lenár gcuid suirbhéanna iomadúla éiceolaíochta agus comhshaoil ar an láthair. Tá mar chuid de na suirbhéanna seo staidéir faoi ghníomhaíocht uisceach, sciathán leathair agus éan ar an láthair.



Tá staidéir éiceolaíochta ag dul ar aghaidh ar an láthair.

- Tá measúnuithe tírdhreacha agus amhairc ag dul ar aghaidh, le táirgeadh roinnt fótamantáisi le léiriú cén chuma a dtiocfadh leis a bheith ar an togra athbheithithe ó ionaid amhairc éagsúla timpeall an láithreáin.

Beidh fótamantáisi ó raon éagsúil ionad amhairc ionadaíoch ar taispeánt ag ár gcruinnithe rannpháirtíochta pobail ar 13 agus ar 14 Meitheamh, agus iad ar fáil le feiceáil ag ár seomra taispeántais ar líne ag www.cloghercorwindfarm.com

- I gcomhréir le cead pleanála, méadóidh airde an chrainn mheitéareolaíoch atá le suiteáil ar an láithreán ó 80m go 100m. Tá an crann meitéareolaíoch ag cuidiú linn le measúnú a dhéanamh ar oiriúnacht an láithreáin d'fhorbairt thuininnh ghaoithe trí bheith ag tomhas luasanna gaoithe agus treoir ghaoithe.



CLOGHERCOR WIND FARM DELIVERING COMMUNITY BENEFIT

We are committed to engaging inclusively with the whole community and developing a responsible project that is good for society and for our neighbours. As experienced developers, we work with communities adjacent to our renewable energy projects to deliver sustainable, long-term community initiatives that meet local priorities, needs and objectives.

Adopting a similar approach for the proposed Cloghercor Wind Farm, we would like to begin a discussion with the local community as to how such a fund could bring local ambitions into fruition.

Examples of potential local projects include:

Local energy efficiency and deep retrofit programmes for homes

Facilities such as football pitches or sports centres

Employment initiatives and apprenticeship programmes

Linkages with local schools and colleges on STEM subjects

Amenities such as community halls and buildings

Accessibility improvements, recreational routes & signposting

We will engage the community on potential recreational improvements in the coming weeks

Skills development and training

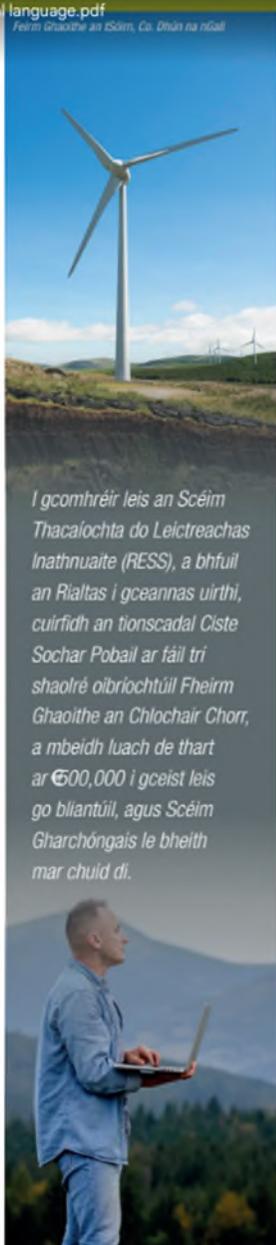
Digital connectivity improvements

Local transport improvements

Support and sponsorship of local groups

Enterprise initiatives for local businesses

In accordance with the Government-led Renewable Energy Support Scheme (RESS), the project will deliver a substantial and long-term Community Benefit Fund throughout the operational lifetime of Cloghercor Wind Farm, amounting to approximately €500,000 annually, which would include a Near Neighbour Scheme.



FEIRM GHAOITHE AN CHLOCHAIR CHORR AG CUR SOCHAR POBAIL AR FÁIL

Tá muid tiomanta do bheith rannpháirteach go cuimsitheach leis an phobal ar fad, agus tionscadal freagrach á fhorbairt againn atá maith don tsochaí agus d'ár gcuid comharsana. Mar fhorbróirí le taithí, bíonn muid ag obair le pobail atá ina gcónaí in aice lenár gcuid tionscadal fuinnimh inathnuaite le tionscnaimh phobail inbhuanaithe, fhadtéarmacha a chur ar fáil a dhéanann freastal ar thosaíochtaí, ar riachtanais agus ar chuspóirí áitiúla.

Agus muid ag glacadh le cur chuige den chineál céanna don Fheirm Ghaoithe atá beartaithe don Chloch Chorr, ba mhaith linn tús a chur le plé leis an phobal áitiúil maidir le cén dóigh a dtiocfadh lena leithéid de chiste mianta an phobail áitúil a thabhairt chun críche. Seo a leanas samplaí den chineál tionscadal áitúil a dtiocfadh leis a bheith i gceist:

Clár áitiúla éifeachtúlachta fuinnimh agus iarthreistithe dhomhain do na títhe

Aiseanna mar shampla páirceanna peile nó lárionaid spóirt

Tionscnaimh fhostaíochta agus clár phrintiseachta

Naisc le scoileanna agus le coláistí áitiúla faoi ábhair ETIM

Aiseanna éagsúla mar shampla hallaí agus foirgnimh phobail

Feabhsúcháin inrochtaineachta, bealaí carthimh aimsire & comharthaí bóthair

Bíonn muid ag plé leis an phobal maidir leis na feabhsúcháin sin a dtiocfadh lena iad a dhéanamh ó thraobh carthimh aimsire de sna seachtainí atá roimhna.

Forbairt scileanna agus oiliúint

Feabhsúcháin maidir le nascacht dhigiteach

Feabhsúcháin maidir leis an chóras iompair áitiúil

Tacaíocht do ghrúpaí áitiúla agus urraíocht déanta orthu

Tionscnaimh fhiontair do ghnólachtaí áitiúla

I gcomhréir leis an Scéim Thacaíochta do Leictreachas Inathnuaite (RESS), a bhfuil an Rialtas i gceannas uirthi, cuirfidh an tionscadal Ciste Sochar Pobail ar fáil trí shaolré oibríochtúil Fheirm Ghaoithe an Chlochair Chorr, a mbeidh luach de thart ar €500,000 i gceist leis go bliantúil, agus Scéim Gharchóngais le bheith mar chuid di.



Scree Wind Farm, Co. Donegal



Cloghercor Wind Farm will make the Community Benefit Fund available in accordance with the Government of Ireland's Good Practice Principles Handbook for Community Benefit Funds, which will mean that the Fund will deliver initiatives that are in alignment with the UN Sustainable Development Goals.

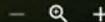
The distribution of the Community Benefit Fund would ultimately be for the community to decide in partnership with our team, and to ensure good governance, a Fund Committee would be established. The Committee would include representation from the local community, as well as a Fund Administrator and a representative from Cloghercor Wind Farm.

If you would like to speak to us about community benefit opportunities, please get in touch – we are keen to hear from you.

NEAR NEIGHBOUR SCHEME

In addition to the Community Benefit Fund, Cloghercor Wind Farm would deliver a Near Neighbour Scheme, which provides direct payments for households located within approximately 2km of the wind farm.

The Near Neighbour Scheme would be delivered in line with Government guidelines, which ensures that those closest to the wind farm benefit from its success as well as wider community initiatives. The exact amounts depend on the final design of the development, and more details will be shared with the community as we move closer to final design later this year.



Lahern Wind Farm, Co. Tipperary

To speak to our team about how the Cloghercor Wind Farm Community Benefit Fund could benefit the local area, contact us at:

**info@cloghercorwindfarm.com
(021) 422 3677**

To share your ideas for how the development could support recreational route upgrades in the area, please contact our specialist consultant Humphrey Murphy at:

**humphrey@hc.ie
086 265 9276**



Dual language.pdf

Open with



Feirm Ghaoithe an Uaim, Co. Dhúin na nÓg



Cuirfidh Feirm Ghaoithe an Chlochair Chorr an Ciste Sochar Pobail ar fáil de réir Lámhleabhar Riatas na hÉireann faoi Phrionsabail Dea-Chleachtas do Chistí Sochar Pobail, rud a chiallóidh go gairfidh an Ciste tionscnaimh ar fáil a chomhleibhonn le Spriocanna Forbartha Inbhuaraithe na Náisiún Aontaithe. Sa deireadh thiar thall bheadh sé suas don phobal seocrú a dhéanamh, i gcomhghairtíocht lenár bhfoireann, maidir le dáileadh an Chiste Sochar Pobail. Chun dea-riachtas a chinntiú, bhunófaí Coiste Ciste. Bheadh ionadaithe ón phobal áitiúil mar chuid den Choiste, chomh maith le Riarthóir Ciste agus ionadál ó Fheirm Ghaoithe an Chlochair Chorr.

Dá mba mhian leat labhairt linn faoi dheseanna sochair phobail, déan teagmháil linn – ba bhreá linn closteáil uait.

AN SCÉIM GHARCHÓNGAIS

Chomh maith leis an Chiste Sochar Pobail, chuirfeadh Feirm Ghaoithe an Chlochair Chorr Scéim Gharchóngais ar fáil, a sholáthraíonn iocaíochtaí díreacha do theaghlaigh atá lonnaithe níos lú ná 2km ón fheirm ghaoithe.

Chuirfí an Scéim Gharchóngais ar fáil de réir treoirínte an Rialtais, a chinntíonn go mbaineann na daoine sin is cóngaraí a chónaíonn don fheirm ghaoithe leas as a rath chomh maith le tionscnaimh phobail níos leithne. Boinn na suimeanna cruinne ag brath ar dhearadh deiridh na forbartha, agus roimfear tuilleadh sonraí leis an phobal nuair a bheadh muid níos cóngaraí do chéim an deartha deiridh níos faide anonn i mbliana.



Feirm Ghaoithe an Uaim, Co. Thiobraid Árann

Le labhairt lenár bhfoireann faoin dóigh a dtiocfadh le Ciste Sochar Pobail Fheirm Ghaoithe an Chlochair Chorr dul chun tairbhe an cheantair áitiúil, déan teagmháil linn ag:

**info@cloghercorwindfarm.com
(021) 422 3677**

Le do chuid smaointe a roinnt linn faoin tslí ina dtiocfadh leis an fhorbairt tacú le huasghrádúilthe bealaigh cailthimh aimsire sa cheantar, déan teagmháil lenár sainchomhairleoir Humphrey Murphy ag:

**humphrey@hc.ie
086 265 9276**





“Onshore wind is the cheapest renewable electricity resource, and will play a vital role in helping Ireland to reach its climate goals, ensuring security of a clean, green energy supply for the future”



CLOGHERCOR WIND FARM WHY WIND ENERGY

The impacts of climate change are widely recognised as being one of the greatest global economic, environmental and social challenges facing the world today. Electricity and heat generated by fossil fuels are among the biggest polluters to our atmosphere.

Under the Climate Action Plan (2021) the Government has set targets to:

- Meet 80% of electricity demand from renewables by 2030
- Meet 'net-zero' emissions no later than 2050

Onshore wind is the cheapest renewable electricity resource, and will play a vital role in helping Ireland to reach its climate goals, ensuring security of a clean, green energy supply for the future.

The proposed Cloghercor Wind Farm would:

- Generate electricity from a renewable source of energy, offsetting the need for combustion of fossil fuels
- Assist in Ireland's mission to decarbonise our electricity, heat and transport systems
- Meet local and national energy demand
- Contribute to the local, regional and national economy
- Strengthen Ireland's energy independence in the face of the war in Ukraine and other global conflicts.



“Is í an ghaoth ar talamh an acmhainn leictreachais inathnuaite is saoire atá ann, agus cuirfidh sí ról rithábachtach i gcrích le cabhrú le hÉirinn a cuid spriocanna aeráide a bhaint amach, ag cinntiú soláthar seasmhach fuinnimh ghlain, ghlais don todhchaí.”



FEIRM GHAOITHE AN CHLOCHAIR CHORR CAD CHUIGE A BHFUIL FUINNEAMH GAOITHE DE DHÍTH?

Aithnítear go forleathan tionchair an athraithe aeráide mar cheann de na dúshláin dhomhanda eacnamaíocha, chomhshaoil agus shóisialta atá os comhair an tsaol inniu. Tá an leictreachas agus an teas a ghintear ag breosláí iontaise i measc na rudaí is mó a thruaillíonn ár n-atmaisféar.

Faoin Phlean Gníomhaíthe ar son na hAeráide (2021) tá na spriocanna seo a leanas leagtha síos ag an Rialtas:

- 80% den éileamh leictreachais a chomhlíonadh ó fhoinsí inathnuaite faoi 2030
- Spriocanna astaíochtaí 'neodrach ó thaobh fuinnimh de' a chomhlíonadh chan níos moille ná 2050

Is í an ghaoth ar talamh an acmhainn leictreachais inathnuaite is saoire atá ann, agus cuirfidh sí ról rithábachtach i gcrích le cabhrú le hÉirinn a cuid spriocanna aeráide a bhaint amach, ag cinntiú soláthar seasmhach fuinnimh ghlain, ghlais don todhchaí.

Dhéanfaidh an Fheirm Ghaoithe atá beartaithe don Chlochar Chorr an méid seo a leanas:

- Leictreachas a ghiniúint ó fhoinsí inathnuaite fuinnimh, ag déanamh cúlirín ar an ghá a bheadh ann breosláí iontaise a dhó murach sin
- Cuidiú le mísean na hÉireann ár goiréis leictreachais, teasa agus kmpair a dhícharbóin
- Freastal a dhéanamh ar an éileamh fuinnimh áitiúil agus náisiúnta
- Cur leis an gheilleagar áitiúil, réigiúnach agus náisiúnta
- Neamhspleáchas fuinnimh na hÉireann a threisiú os comhair an chogaidh san Úcráin agus coimhlintí domhanda eile.



Garracummer Wind Farm, Co Limerick

ESTIMATED PROJECT TIMELINE

We are at the second design iteration stage of the project, and the design has been refined based on ongoing environmental studies and community feedback. We now invite further engagement from the community on our latest proposal.

- **October 2019** Ecological studies commence.
- **Winter 2019** Environmental studies take place specific to the location of a planned meteorological wind measuring mast.
- **July 2020** 80m meteorological wind measuring mast installed.
- **March/April 2021** Community consultation commences with distribution of first project newsletter.
- **July 2021** Initial design and layout of the wind farm complete, and displayed in an online virtual exhibition at www.cloghercorwindfarm.com
- **November 2021** Information webinar held for the local community, with members of the project team available to answer questions.
- **February 2022** Meteorological mast ("met mast") installed on the site is increased in size by 20 metres, in line with approval received from An Bord Pleanála. A met mast informs the suitability of a site for wind farm development by carrying out detailed measurements, such as wind speed and wind direction.
- **May 2022**
Second design iteration complete, informed by studies and feedback. Refined proposal is displayed on project website, with one-to-one engagement and consultation undertaken in the community.
- **Autumn 2022** Based on feedback from the second design iteration consultation and advanced study findings, the wind farm layout will be finalised, with a final community consultation undertaken before the planning application is prepared.
- **Winter 2022** Anticipated date for submission of planning application to An Bord Pleanála.



Feirm Ghaoithe Gharraí an Chomair, Co. Lúmnigh

AMLÍNE MEASTA AN TIONSCADAIL

Tá muid ag céim an dara leagan deartha den tionscadail, agus beachtáíodh an dearadh bunaithe ar staidéar comhshaoil atá ag dul ar aghaidh, agus ar aiseolas ón phobal. Tá muid anois ag lorg tuilleadh rannpháirtíochta ón phobal faoi thogra is déanaí s'againne.

- **Deireadh Fómhair 2019** Cuirtear tús leis an staidéar éiceolaíoch.
- **Geimhreadh 2019** Déantar staidéar comhshaoil a bhaineann go sonrach le lonnú crainn mheitéareolaíoch atá beartaíthe le gaoth a thomhas.
- **Mí Iúil 2020** Crann meitéareolaíoch 80m suiteáil le le gaoth a thomhas.
- **Mí Mhárta/Mí Aibreáin 2021** Cuirtear tús le comhairliúcháin pobail le dáileadh na chéad nuachtlitréach tionscadail.
- **Mí Iúil 2021** Dearadh agus leagan amach tosaigh na feirme gaoithe tugtha chun críche, agus iad ar taispeáint i dtaispeántas fíorúil ar líne ag www.cloghercorwindfarm.com
- **Mí na Samhna 2021** Seimneáir gréasáin eolais eagraithe don phobal áitiúil, agus bail den fhreann tionscadail ar fáil le freagra a thabhairt ar cheisteanna.
- **Mí Feabhra 2022** Méadaítear an crann meitéareolaíoch atá le suiteáil ar an láithreán i méid faoi 20 méadar, de réir an fhaosta a fhaightear ón Bhord Pleanála. Déanann crann meitéareolaíoch eolas d'oiriúnacht láithreán d'fhorbairt theirme gaoithe trí chur i gcrích tomhas mionsonraithe, le théidil luas gaoithe agus treoir gaoithe.
- **Bealtaine 2022**
Dara leagan deartha críochnaithe, agus staidéar agus aiseolas ag déanamh eolais dóibh. Taispeántar an togra beachtaíthe ar shuíomh gréasáin an tionscadail, agus tugtar faoi rannpháirtíocht agus comhairliúcháin duine le duine sa phobal.
- **Fómhar 2022** Bunaithe ar aiseolas ó chomhairliúcháin agus ó chinneadh ardstaidéir an dara leagan deartha, tabharfar leagan amach na feirme gaoithe chun críche; tabharfar faoi chomhairliúcháin deiridh leis an phobal sula n-úllmhaítear an t-iarraitas pleanála.
- **Geimhreadh 2022** Dáta a bhfuiltear ag súil leis go gcuirfead an t-iarraitas pleanála faoi bhráid an Bhoird Pleanála.



ØRSTED AND FUTUREENERGY IRELAND – WORKING TOGETHER

Cloghercor Wind Farm is a co-development project being led by Ørsted and FuturEnergy Ireland. Both companies are contributing to the development of this renewable energy project, with Ørsted as the lead developer. FuturEnergy Ireland is a joint venture between ESB and Coillte.

Should the Cloghercor Wind Farm be successful in achieving a route to market, Coillte and other third-party landowners will lease lands to the project developers for the duration of the wind farm's operational lifecycle. The proposed wind farm would take up a very small percentage of the site area (roughly 3%), allowing the existing operational forest to co-exist alongside the wind farm development.



ØRSTED AGUS FUTUREENERGY ÉIRE – AG OBAIR LE CHÉILE

Is tionscadal comhthorbartha é Feirm Ghaoithe an Chlochair Chorr a bhfuil Ørsted agus FuturEnergy Éire i gceannas air. Tá an dá chomhlacht ag cur le forbairt an tionscadail fhuinnimh inathnuaite seo, agus Ørsted mar phríomhthorbróir air. Is comhfhiontar é FuturEnergy Éire idir BSL agus Coillte.

Má éiríonn le Feirm Ghaoithe an Chlochair Chorr bealach chun margaidh a bhaint amach, tógfaidh Coillte agus úinéirí talún tríú páirtí eile tailte ar léas d'fhorbróir an tionscadail a fhad is a bheith an fheirm ghaoithe ag feidhmiú. Ní thógfaidh an fheirm ghaoithe atá beartaite suas ach céatadán an-íbeag de limistéar an láithreáin (thairt ar 3%), rud a cheadóidh go mbeadh an choill atá ann cheana in ann leanúint úrthi in éineacht le forbairt na ferme ghaoithe.

THE CLOGHERCOR PROJECT TEAM

Our team has extensive experience in the design, construction and operation of wind energy developments throughout Ireland and we are working closely with specialist consultants who are experts in the areas of grid, planning and wind resource.



James Dineen
Lead Project Manager, Ørsted

James Dineen is Ørsted's Project Manager for the proposed Cloghercor Wind Farm project. James brings extensive experience in renewable energy development having worked in the sector for over 10 years.



Emer Campbell
Project Manager, FuturEnergy Ireland

Emer Campbell has over 20 years' experience delivering environmental programmes and projects in Australia and Ireland. She has a background in environmental science and is passionate about delivering projects that benefit local communities and help to meet Ireland's climate targets.



Sean Doherty
Community Liaison Officer

Sean Doherty is the Community Liaison Officer for the proposed Cloghercor Wind Farm project. A resident native of Donegal, Sean is an experienced forestry manager and was involved in the planting of the Cloghercor forest site.



John Boyle
Community Liaison Officer

John is a Community Liaison Officer for the proposed Cloghercor Wind Farm. He is a dual-language speaker, and is happy to communicate with members of the community as Gaeilge.

FOIREANN TIONSADAIL AN CHLOCHAIR CHORR

Tá neart taithi ag ár bhfoireann maidir le dearadh, tógáil agus feidhmiú fhorbairtí fuinnimh ghaoithe ar fud na hÉireann agus tá muid ag comhoibriú go dlúth le sainchomhairleoirí, ar sainneaithe iad i réimsí na heangail fuinnimh, na pleanála agus na hacmhainne ghaoithe.



James Dineen
Príomhbhainisteoir Tionscadail, Ørsted

Is é James Dineen Bainisteoir Tionscadail Ørsted do thionscadal beartaite Feirm Ghaoithe an Chlochair Chorr. Tá neart taithi ag James i bhforbairt an fhuinnimh inathnuaite, i ndiaidh dó bheith ag obair san earmáil le breis is 10 mbliana anuas.



Emer Campbell
Bainisteoir Tionscadail, FuturEnergy Éire

Tá taithi de bhreis is 20 bliain ag Emer Campbell de bheith ag seachadadh clár agus tionscadail comhshaoil san Astráil agus in Éirinn. Tá cúra aici san eolaíocht chomhshaoil agus tá sí paiseanta faoi bheith ag cur tionscadail ar fáil a théann chun tairbhe an phobail áitiúil agus a chuidíonn le spriocanna aeráide na hÉireann a chomhlíonadh.



Sean Doherty
An tOifigeach Idirghabhála Pobail

Is é Sean Doherty an tOifigeach Idirghabhála Pobail don tionscadal beartaite maidir le Feirm Ghaoithe an Chlochair Chorr. Is Conalach é Sean, agus é ina chónaí sa chontae; tá a lán taithi ag Sean mar bhainisteoir foraoiseachta agus bhí baint aige le plandáil láithreán foraoise an Chlochair Chorr.



John Boyle
An tOifigeach Idirghabhála Pobail

Is Oifigeach Idirghabhála Pobail é John don Feirm Ghaoithe atá beartaite ag an Chlochair Chorr. Tá Gaeilge aige, agus é bráid sísta bheith ag caint leis an phobal i nGaeilge.

CONTACT US

We are committed to close engagement with residents and the community and would be pleased to hear from you. You can get in touch with us using the details below:

Email: info@cloghercorwindfarm.com

Telephone: (021) 422 3677

Post: Cloghercor Windfarm Project, Floor 5, City Quarter, Lapps Quay, Cork City, Ireland

For more information visit our website www.cloghercorwindfarm.com

DÉAN TEAGHMHÁIL LINN

Tá muid toimnata don fhor-rannpháirtíocht le cónaitheoirí agus leis an phobal agus bheimis sásta cloisteadáil uait. Thig leat dul i dtagsamháil linn trí na sonraí teagmhála thíos a úsáid:

R-phost: info@cloghercorwindfarm.com

Teleafón: (021) 422 3677

Post: Tionscadal Feirme Gaoithe an Chlochair Chorr, Urlár 5, Ceathrú na Cathrach, C6 an Lapaigh, Cathair Chorcaí, Éire

Le tuilleadh eolais a fháil tabhair cuairt ar ár suíomh gréasáin www.cloghercorwindfarm.com

Newsletter 4 - October 2022

Cloghercor wind farm



Some Wind Farm, Co Donegal

CLOGHERCOR WIND FARM

Welcome to the fourth newsletter from the project team for the proposed Cloghercor Wind Farm, located in the Clogherchullion and Cloghercor areas of County Donegal.

Our project team would like to thank all those who took the time to meet with us at the community events in June. Your questions and feedback are a valuable part of our approach to the project and in the time since the June events our team has been busy responding to individual queries.

We have been carefully considering all feedback from the community and the findings from the environmental studies that have been ongoing at the site. As a result, we have made further revisions to the proposal for Cloghercor Wind Farm and are pleased to share a final design proposal with the community.



Reduced scheme consisting of **19** turbines

Producing up to **137** MW of green energy



Approximately **€500,000** in community benefit



Opportunity to develop recreational amenities in and around the site



ATTEND OUR COMMUNITY EVENT

We invite you to attend our upcoming community exhibition event to view the revised design proposal and to meet our team. As we are progressing towards our preparation of the final planning application, your feedback at this stage is very welcome.

Email us at info@cloghercorwindfarm.com or call Sean or John, our Community Liaison Officers, on **(021) 422 3677** to arrange a meeting on either of the following days:

Halla Naomh Bride, Madavagh, Lettermacaward
Monday 10 October, 2pm – 8pm

Teach Gleann Ceo, Main Street, Doochary
Wednesday 12 October, 2pm – 8pm

VIEW THE REVISED PROPOSAL ONLINE

If you cannot attend the exhibition, you can view the revised design proposal on our project website, www.cloghercorwindfarm.com, after the community events.

The website will provide updated maps and visualisations of the proposed scheme, in addition to further information on the detailed studies that have been underway on the site.



Garracorney Wind Farm, Co Limerick

feirm ghaoithe an Chlochair Chorr



Feirm Ghaoithe an Chlochair Chorr, Co. Dhún na nGall

FEIRM GHAOITHE AN CHLOCHAIR CHORR

Fáilte chuig an chathrú nuachtliúir ó fhoireann an tionscadail don Fheirm Ghaoithe atá beartaithe don Chlochair Chorr, le bheith suite i gceantair Chlochar an Chuilinn agus an Chlochair Chorr i gContae Dhún na nGall.

Ba mháth lenár bhfoireann tionscadail a mbuíochas a ghabháil le gach duine a bhfuil linn ag na himeachtaí pobail i Mí Mheithimh. Is cuid luachmhar d'ár gcur chuige i leith an tionscadail iad bhur goid ceisteanna agus aiseolas agus le linn na tréimhse ó bhí imeachtaí Mhí an Mheithimh ann bhí ár bhfoireann gnóthach agus iad ag tabhairt freagra ar na ceisteanna a bhí ag daoine.

Tá góarscrúdú déanta againn ar an aiseolas ar fad a fuarthas ón phobal agus ar na torthaí a fuarthas ó na staidéir thimpeallachta atá ag gabháil ar aghaidh ar bhonn leanúnach ag an láithreán. Dá thoradh sin, tá tuilleadh athbhreithnithe déanta againn don togra le haghaidh Feirm Ghaoithe an Chlochair Chorr agus tá muid sásta an togra deiridh deartha a chur os comhair an phobail.



Scéim laghdaithe a bhfuil **19** dtuairbín i gceist leis

Ag táirgeadh suas le **137** MW fuinnimh ghlais



Luach thart ar **€500,000** de shochar pobail



Deis chun áiseanna fóillíochta a fhorbairt ar an láithreán agus thart timpeall air



FREASTAIL AR ÁR NIMEACHT PObAIL

Tugann muid cuireadh duit freastal ar an taispeántas pobail, a bheidh á eagrú againn go luath, le hamharc ar an togra deartha athbhreithnithe agus le bualadh lenár bhfoireann. Agus muid ag déanamh dul chun cinn maidir le hullmhúchán an Iarratais deiridh pheanála, cuireann muid fáilte roimh aiseolas uait ag an chéim seo.

Cuir ríomhphost chugainn ag info@cloghercorwindfarm.com nó cuir glaoch ar Shean nó ar John, ár goid Óifigeach Teagmhála Pobail, ag **(021) 422 3677** le cruinniú a shocrú ar cheann den dá lá a leanas:

Halla Naomh Bride, Maigh Dabhcha, Leitir Mhic an Bhaird
Dé Luan 10 Deireadh Fómhair, 2 i.n. – 8 i.n.

Teach Gleann Ceo, An Phríomhsráid, An Dúchóraidh
Dé Céadaoin 12 Deireadh Fómhair, 2 i.n. – 8 i.n.

AMHARC AR AN TOGRA ATHBHREITHNITHE AR LÍNE

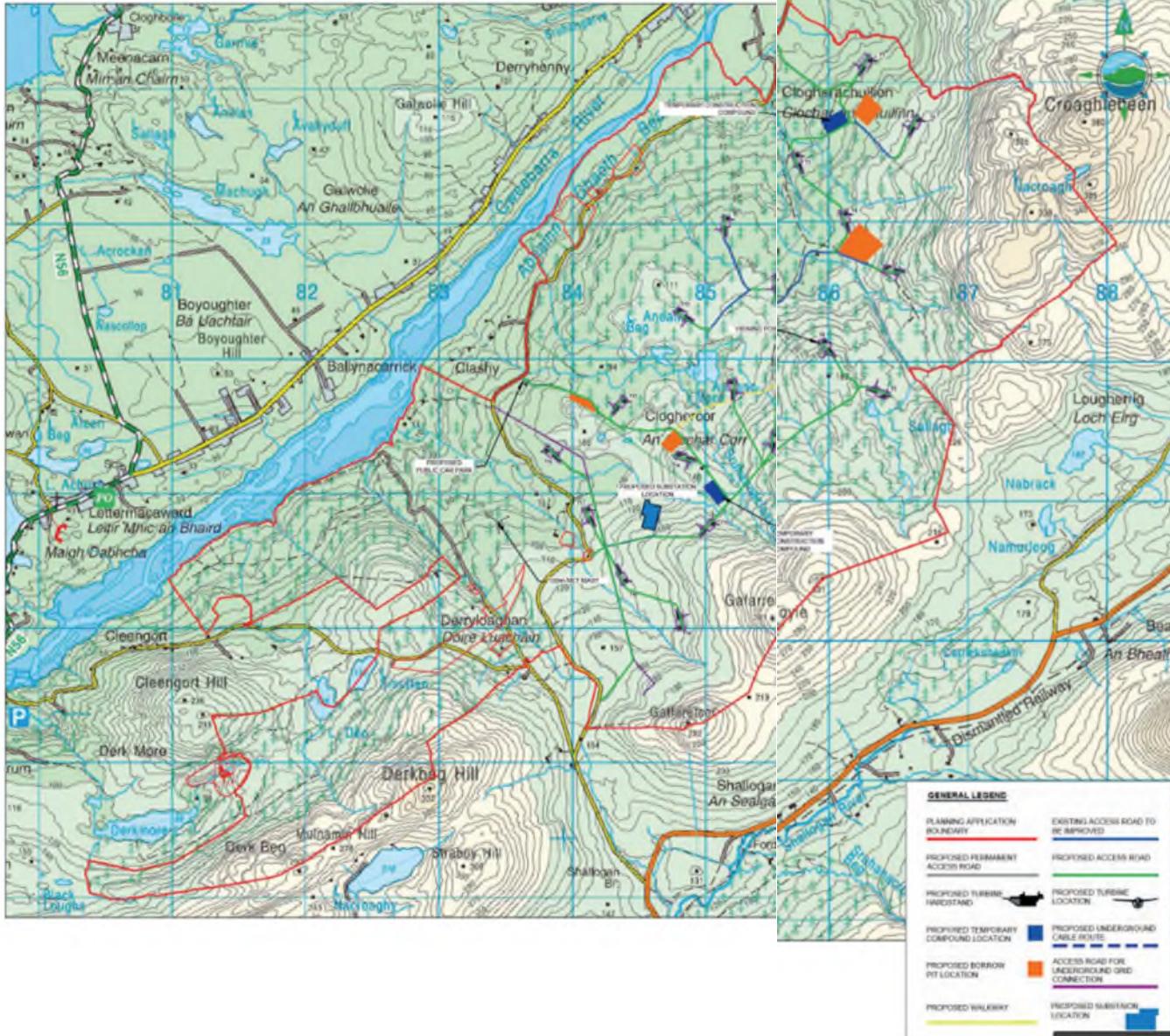
Mura dtig leat freastal ar an taispeántas, thig leat amharc ar an togra deartha athbhreithnithe ar shuíomh gréasáin ár dtionscadail, www.cloghercorwindfarm.com, i ndiaidh na n-imeachtaí pobail.

Cuirfidh an suíomh gréasáin léarscáileanna agus amharcléirithe nuashonruithe den scéim atá beartaithe ar fáil, chomh maith le heolas breise faoi na staidéir mhíheoraonraithe atá i ndiaidh a bheith ar siúl ar an láithreán.



Feirm Ghaoithe Chorr an Chlochair, Co. Lúimnigh

**CLOGHERCOR WIND FARM
LOCATION & LAYOUT**



**THE PROPOSAL
FOR CLOGHERCOR WIND FARM:**

- Our updated proposal encompasses a more compact development consisting of 19 turbines, between 185-200 metres tip height.
- This revised proposal has been formulated further to detailed feedback from the numerous ecology and environmental surveys that have been underway on the site since 2019. These surveys have included studies into aquatic, bat and ornithology (bird) activity on the site, as well as assessments of potential noise, shadow flicker, landscape and visual impacts from the proposed development.
- If the proposal receives planning consent, in accordance with the Government-led Renewable Electricity Support Scheme (RESS), the project would deliver a substantial and long-term Community Benefit Fund throughout the operational lifetime of Cloghercor Wind Farm. This fund is expected to be circa €500,000 annually for the first 15 years of the wind farm being operational, and this will include a Near Neighbour Scheme, which provides direct payments for households that are in the closest proximity to the wind farm.
- Our final proposal will also allow for the development of recreational amenities around the site, including marked walking and cycling trails along the site access roads, viewing points, signage and provision of a permanent public car park with seating and picnic tables at the end of the construction phase.

VISIT OUR EXHIBITION TO FIND OUT MORE

You can find out more information on the final design proposal, including photomontages detailing how the proposed development may appear from various viewpoints around the site, at our in-person and virtual exhibition. The exhibition will also contain information on the surveys that have been underway on-site.

We are also inviting your feedback on the community benefit opportunities associated with the proposal, including the Near Neighbour Scheme and the opportunity to develop recreational amenity in and around the site. These are important aspects to our proposal and we are keen to hear your ideas on how the project can provide long-term investment and benefit for the local area.

FEIRM GHAOITHE AN CHLOCHAIR CHORR
SUIÓMH & LEAGAN AMACH



AN TOGRA LE HAGHAIDH
FHEIRM GHAOITHE AN CHLOCHAIR CHORR:

- Cuimseonn ár dtogra nuashonraithe forbairt níos dlúithe ina bhfuil 19 tuirbín i gceist, le hairde rinne idir 185-200 méadar.
- Ceapadh an togra athbheithithe seo tuilleadh de réir aiseolaí mhionsonraithe a fuarthas ó na suirbhéanna iomadúla éiceolaíochta agus timpeallachta atá ar siúl ar an láithreán ó bhli 2019 ann. Bhí le háireamh i measc na suirbhéanna seo staidéir faoi ghníomhaíocht uisceach, sciathán leathair agus éanolaíochta ar an láithreán, comh maith le measúnuithe maidir le tionchair thoirinn, caochaila scáileanna, tírdhreacha agus amhairc a dtiocadh leo a bheith i gceist de bharr na forbartha atá beartaithe.
- Má fhaigheann an togra tollú pleanáta, de réir Scéim Tacaíochta um Fhuinneamh In-athnuaite (STR) an Rialtais, chuirfeadh an tionscadal Ciste Sochair Phoibail substaintiúil agus fadéarmach ar fáil trí shaothré oibre Fheirm Ghaoithe an Chlochair Chorr. Tá muid ag súil leis go mbeadh thart ar €500,000 i gceist go bliantúil leis an chiste seo le haghaidh thréimhse chéad 15 bliana d'fheidmiú na feirme gaoithe; beidh mar chuid de sin Scéim Gharchóngais, a sholáthraíonn locaíochtaí díreacha do na teaghlach is cóngaraí don fheirm ghaoithe.
- Ceaddóidh ár dtogra deiridh fosta forbairt áiseanna fóiliúcháta thart ar an láithreán, lena n-áirítear conairí marcáilte siúl agus rothaíochta ar na bealaí isteach chuig na láithreáin, láithreacha amhairc, comharthaíocht agus soláthar camchlóis phoiblí bhuan le suíocháin agus táblaí picnic ag deireadh na céime tógála.

TABHAIR CUAIPT AR ÁR DTAISPEANTAS
LE NÍOS MÓ A FHOGLLAIM

Thig leat níos mó eolais a fháil faoin togra deiridh deartha, montáisi fótagrafaíochta san áireamh a chuireann síos ar an chuma a dtiocfaidh leis a bheith ar an fhorbairt atá beartaithe ó láithreacha amhairc éagsúla thart ar an láithreán, ag ár dtaispeántas san fhiosshaoil chomh maith leis an eolas fíorúil. Beidh mar chuid den taispeántas fosta ceann faoi na suirbhéanna atá i ndiaidh a bheith ar siúl ar an láithreán.

Tugann muid cuireadh doibh fosta aiseolaí a thabhairt duinn faoi na deiseanna sochair phoibla a bhaineann leis an togra, an Scéim Gharchóngais san áireamh, chomh maith leis an disc áiseanna fóiliúcháta a fhorbairt ar an láithreán agus thart timpeall air. Gníthe tábhachtacha de chuid ár dtogra atá iontu seo agus tá muid ar bial le bhur goid sraonnte a chloítear maidir leis an deigh a dtiocfaidh leis an tionscadal infheistíocht agus sochair fadéarmach a sholáthar don



CLOGHERCOR WIND FARM PROJECT PROGRESS

The proposal for Cloghercor Wind Farm has been in development since late 2019, informed by ongoing feedback from specialist environmental and ecological studies on the site, and feedback from the local community.

- **2019-2020** Initial site studies began on the site in late 2019. These studies have been assessing the suitability of the site for a wind energy development in terms of wind speed, environmental and ecological factors.
- **2021** The project was introduced to the community in March 2021. Despite the challenges of Covid-19 during this time, multiple opportunities have been taken to engage with the community on our proposals.
- An early-stage proposal for a 23 turbine scheme was put on display in a virtual exhibition room in July 2021 and a community information webinar was held in November 2021.
- **2022** The second design iteration, consisting of 21 turbines, was put on display at an in-person event and at a virtual exhibition in June 2022.
- Further to community feedback and ongoing site studies, the proposal has been revised again. The final proposal now consists of 19 turbines in a more compact design.
- Based on feedback from this upcoming consultation, we will confirm a final layout, and prepare our planning application to An Bord Pleanála. We anticipate submitting this application in late autumn 2022.

Kilgarvan Wind Farm, Co Kerry

pp (1).pdf

Open with

FEIRM GHAOITHE AN CHLOCHAIR CHORR DUL CHUN CINN AN TIONSCADAIL

Tá muid ag forbairt an togra le haghaidh Feirm Ghaoithe an Chlochair Chorr ó bhí deireadh 2019 ann; tá tionchar ag aiseolas leanúnach ó shainstaidéir timpeallachta agus éiceolaíochta ar an láithreán, chomh maith le haiseolas ón phobal áitiúil.

- **2019-2020** Cúireadh tús le staidéir thosaigh láithreán ar an láithreán go mall i 2019. Tá na staidéir seo i ndiaidh a bheith ag measúin cé chomh fóirsteanach agus atá an láithreán le haghaidh forbairt fhuinnimh ghaoithe i dtéarmaí luais ghaoithe agus fheictóirí timpeallachta agus éiceolaíochta.
- **2021** 2021 Cúireadh an tionscadal os comhair an phobail i Mí Mhárta 2021. In arneoin dhúsháin COVID-19 le linn na tréimse seo, is iomaí deis a cúireadh ar fáil le caidreamh a bhunú leis an phobal maidir lenár goid tograí.
- Cúireadh togra luathchéime do soláim 23 thurbin ar taispeáint i seomra taispeántais fíorúil i Mí Iúil 2021 agus tionscadh seimneadr gráscáin eolais phobail i Mí na Samhna 2021.
- **2022** Cúireadh an dara leagan deartha, ina raibh 21 thurbin i gceist, ar taispeáint ag imeachd san fhlorshéal agus ag taispeántas fíorúil i Mí Mheithimh 2022.
- I ndiaidh aiseolais ón phobal agus staidéir láithreán leanúnacha, athbheithniodh an togra arís. 19 thurbin atá i gceist leis an togra deiridh anois, agus dearadh níos dúithe ag baint leis.
- Bunaíthe ar aiseolas ón chomhairiúchán seo a bheith ag tarlú go luath, deimhneoidh muid leagan amach deiridh, agus uilmhóid muid ár n-iarrais pleanála chug an Bhorad Pleanála. Tá muid ag súil le bheith ag déanamh an iarratais seo go mall i bhfómhar 2022.

Feirm Ghaoithe Chill Ghairbhán, Co. Chiarraí

ØRSTED AND FUTUREENERGY IRELAND – WORKING TOGETHER

Cloghercor Wind Farm is a co-development project being led by Ørsted and FutureEnergy Ireland. Both companies are contributing to the development of this renewable energy project, with Ørsted as the lead developer.

FutureEnergy Ireland is a joint venture between ESB and Coillte.

ØRSTED AGUS FUTUREENERGY IRELAND – AG OBAIR LE CHÉILE

Is tionscadal comhforbartha í Feirm Ghaoithe an Chlochair Chorr a bhfuil Ørsted agus FutureEnergy Ireland i gceannas air. Tá an dá chomhlacht ag cur le forbairt an tionscadail fhuinnimh in-athnuaite seo, agus Ørsted mar an príomhforbairt.

Is comhfhiontar é FutureEnergy Ireland idir BSL agus Coillte.

CONTACT US

We are committed to close engagement with residents and the community and welcome your comments and queries. To arrange a one-to-one meeting or to put your questions to our team, please get in touch:

Email: info@cloghercorwindfarm.com

Telephone: (021) 422 3677

Post: Cloghercor Windfarm Project, Floor 5, City Quarter, Lapps Quay, Cork City, Ireland

DÉAN TEAGHMÁIL LINN

Tá muid tionsanta do dhilíthchaidreamh le cónaitheoirí agus leis an phobal agus cúireann muid fáilte roimh bhur goid tuairimí agus ceisteanna. Le cruinniú duine le duine a shocrú nó le do chuid ceisteanna a chur ar ár bhfoireann, bí i dteagmháil linn, le do thoil:

Ríomhphost: info@cloghercorwindfarm.com

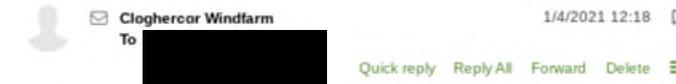
Teleafón: (021) 422 3677

Post: Tionscadal Feirm Ghaoithe an Chlochair Chorr, Urlár 5, Ceathrú na Cathrach, Cé an Lapaigh, Cathair Chorcaí, Éire

www.cloghercorwindfarm.com

Appendix B - Correspondence to active community groups

Correspondence 1 - April 2021



1 attachment View Open in browser Download

To whom it may concern,

I write to you on behalf of Brookfield Renewable Ireland and Coillte Renewable Energy (Coillte), who are jointly exploring the potential for a wind energy project near the Clogherachullion and Cloghercor areas of County Donegal.

A specialised environmental team have been carrying out a series of initial feasibility studies within the proposed Project's Study Area since 2019. The aim is to continue these feasibility studies in order to obtain a better understanding of the suitability of the Study Area for a potential wind energy project. As you will appreciate, this activity is being undertaken within strict COVID-19 protocols.

Our plans are at a very early stage and we still have a large amount of information to gather before we can move towards preparing detailed proposals. At this point in the project, we would like to start a conversation with the local community about how a sustainable development project such as this could help to support the local economy and contribute towards Ireland's renewable energy aspirations. As such, I am pleased to attach to this email our first project newsletter, which has been issued to residents in the area this week.

We want to work inclusively and responsively with the local community and stakeholders, ensuring that your feedback shapes and informs the project as it progresses. We expect that our proposals will bring a variety of benefits to the local area, and as a representative of an active community group in the area, we are keen to engage with you and your group to explore options for taking forward the most appropriate local investment opportunities.

It is our intention that further to the outcome of our environmental studies and feedback from the local community and stakeholders, we will be able to develop an initial design and layout on which we will hold dedicated public consultation events later this year in accordance with the most up-to-date COVID-19 guidance from the government.

In the meantime, I hope that the enclosed newsletter is useful in outlining where we are with the project currently. I would be pleased to discuss the project with you in further detail at any point. If this would be of interest, please contact us at this email address (info@cloghercorwindfarm.com) and we would be pleased to set up a phone call or a virtual meeting.

In addition, should you be aware of any other community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen

Correspondence 2 - June 2021

Newsletter 2 and upcoming Virtual Event - Cloghercor Wind Farm



To whom it may concern,

I write to provide an update on our proposal to develop Cloghercor Wind Farm near the Clogherachullion and Cloghercor areas of County Donegal.

Since my previous correspondence in April 2021, Brookfield's Irish and UK renewable platform and pipeline projects have been acquired by Ørsted. The acquisition includes the Cloghercor project.

This means that the company is now operating under a new name, however, the team behind the Cloghercor project remain unchanged, including the contact details for the project. We continue to develop the project in partnership with Coillte and our experienced and professional Ireland-based team are committed to bringing forward a sensitive proposal for the Cloghercor wind energy development.

As I outlined in my previous correspondence, a specialised environmental team have been carrying out a series of feasibility studies within the proposed project's Study Area since 2019. Further to these studies, we are delighted to now be at the stage where we can present an initial proposal and layout for the proposed Cloghercor Wind Farm, consisting of a proposal for a 23 turbine project with the potential to deliver up to 140MW of clean green energy.

I am pleased to attach to this email our second project newsletter which contains further details of our proposal and next steps to discuss the proposal with the community. This will be issued to residents in the area this week.

In accordance with the government-led Renewable Energy Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund estimated to be in excess of €500,000 a year depending on the final size of the project. This will include a near neighbour scheme. We would very much like to begin a discussion with the community as to how such a fund could be directed towards local needs, amenities and services and I'd be delighted to meet with you and/or representatives of your group to discuss these opportunities further if that would be of interest.

The ongoing Covid-19 restrictions make face-to-face engagement with the local community challenging, and whilst under normal circumstances we would undertake door-to-door house calls and local exhibitions, this is unfortunately not possible in the current circumstances.

However, we are pleased to invite you and members of the community to visit our upcoming online exhibition, where we will present further details on our proposed design for the Cloghercor Wind Farm project, and the initial findings of the detailed ecological surveys that have been underway on-site since 2019. The exhibition will also provide an opportunity for members of the public to leave us their feedback and views on the project, which will form an essential part to our approach.

The exhibition will be live from Monday 28 June at www.cloghercorwindfarm.com.

I do hope you will visit the exhibition to read through the materials and provide us with your valued feedback. For any members of the community who cannot access the virtual exhibition or who wish to access the materials in an alternative way, we will do our best to accommodate all requirements.

In the meantime, I would be pleased to discuss the project with you in further detail should you have any queries. If this would be of interest, please contact us at info@cloghercorwindfarm.com and we would be pleased to set up a phone call or a meeting in a Covid-secure setting.

In addition, should you be aware of any other community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen

Project Manager, Ørsted

Cloghercor Wind Farm - Community Information Webinar
29.11.2021

Correspondence 3 - November 2021



1 attachment View Open in browser Download

Good afternoon

I write on behalf of the Cloghercor Wind Farm project team. The proposed onshore wind development is situated near the Clogherchullion and Cloghercor areas of County Donegal, and is being co-developed by Ørsted and Coillte.

As you may be aware from our earlier correspondence, a specialised environmental team have been carrying out a series of feasibility studies within the project's Study Area since 2019. Our initial design for the proposed wind farm has been on display in our virtual village hall at www.cloghercorwindfarm.com since the summer.

Whilst we regret that Covid-19 restrictions have limited the ability of the project team to do extensive engagement in-person, we remain committed to regular, constructive dialogue with the community in order to hear feedback and refine our proposal.

As such, I am pleased to invite you to attend our upcoming community information webinar on **Monday 29 November, 19:00 - 20:30** where we will set out details of our current proposal, the environmental surveys and studies that are ongoing at the site, and the significant community benefit package. We hope that the webinar will be a useful means to share the latest information on our plans to progress the proposal, answer questions from the community, and take on board valued feedback.

To register for the webinar, please RSVP by return of this email to info@cloghercorwindfarm.com.

For those unable to attend or access the event, we can provide all the materials that we will present at the webinar in an alternative format on request. In addition, the project team would be very happy to hold one-to-one meetings with community groups, residents and other interested parties at any time to discuss the proposal. The team can be contacted at this email address or on the dedicated project phone number which is (021) 422 3677.

We hope to see you at the event.

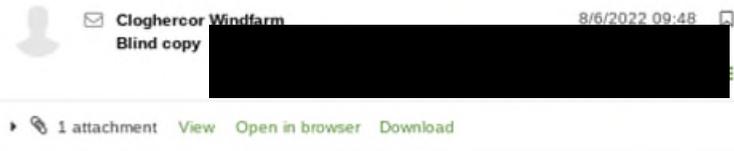
With kind regards,

Clare

For and on behalf of Cloghercor Wind Farm

Correspondence 4 - June 2022

Cloghercor Wind Farm - Newsletter 3 and upcoming exhibition



Good morning

I write to provide an update on the proposal by Ørsted and FuturEnergy Ireland to develop Cloghercor Wind Farm, located in the Clogherachullion and Cloghercor areas of County Donegal.

Having introduced the proposal to the community in 2021, we have continued environmental studies on the site and taken on board feedback from the community. As such, we are pleased to now be in a position to present a revised proposal for Cloghercor Wind Farm, with a reduced number of turbines and numerous changes to the turbine placement.

The proposal now consists of a 21-turbine scheme, reduced from 23, with the potential to deliver up to 126MW of clean green energy. In accordance with the government-led Renewable Energy Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund estimated to be c.€500,000 a year depending on the final size of the project. This will include a near neighbour scheme. In addition, we will shortly commence a consultation with the community about whether the proposal could include an upgraded recreational amenity on the site.

I am pleased to attach to this email our third project newsletter which contains more information about the revised proposal, the community benefit opportunities, and details of an upcoming exhibition to present and discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

The updated proposal will be on display from Monday 13 June in our virtual exhibition room at: www.cloghercorwindfarm.com. We will also be holding two community drop-in sessions for residents to meet our team and view the proposals.

The dates and locations for these events are as follows, and we would be delighted to meet you at one of these events to discuss the proposal in further depth. If you wish to schedule some time to meet with our team, please contact us at info@cloghercorwindfarm.com or (021) 422 3677.

- Halla Naomh Bride, Madavagh, Lettermacaward

Monday 13 June, 12pm - 8pm

- Teach Gleann Ceo, Main Street, Doochary

Tuesday 14 June, 12pm - 8pm

I do hope you will visit the exhibition to read through the materials and provide us with your valued feedback. In addition, should you be aware of any community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen

Project Manager, Ørsted

Correspondence 5 - October 2022

Cloghercor Wind Farm - Newsletter 4 and upcoming exhibition



1 attachment View Open in browser Download

Good morning

I am writing to you to provide an update on the proposal by Ørsted and FuturEnergy Ireland to develop Cloghercor Wind Farm, located in the Clogherachullion and Cloghercor areas of County Donegal.

Having introduced the proposal to the community in 2021, we have continued environmental studies on the site and carried out design iterations taking on board feedback from the community through numerous engagement events. We are pleased to have progressed towards a final design proposal, with a further reduction in the number of turbines and numerous changes to the turbine placement.

The proposal now consists of a 19-turbine scheme, reduced from 23, with the potential to deliver up to 137MW of clean green energy. In accordance with the government-led Renewable Electricity Support Scheme (RESS), the project can deliver a substantial and long-term community benefit fund estimated to be c.€500,000 a year for the first 15 years of the project being operational. The final proposal also contains details of upgraded recreational amenities on and around the site.

I am pleased to attach to this email our fourth project newsletter which contains more information about the revised proposal, the community benefit opportunities, and details of an upcoming exhibition to present and discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

The dates and locations for our upcoming community events are as follows. We would be delighted to meet you at one of these events to discuss the final proposals in further depth. If you wish to schedule some time to meet with our team, please contact us at info@cloghercorwindfarm.com or (021) 422 3677.

Halla Naomh Bride, Madavagh, Lettermacaward

Monday 10 October, 2pm-8pm

Teach Gleann Ceo, Main Street, Doochary

Wednesday 12 October, 2pm-8pm

The updated proposal will be on display in our virtual exhibition room after the exhibition, from Wednesday 12 October. The materials can be accessed at: www.cloghercorwindfarm.com.

I do hope you will visit the exhibition to read through the materials and provide us with your valued feedback. In addition, should you be aware of any community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen

Project Manager, Ørsted

Correspondence 6 - October 2022

Re: Cloghercor Wind Farm - Newsletter 4 and upcoming exhibition



Cloghercor Windfarm

9/10/2022 23:27



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others

Quick reply Reply All Forward Delete 

Good evening,

I write to let you know that the Cloghercor Wind Farm project team have regrettably taken the decision to postpone the community engagement event for Cloghercor Wind Farm to a later date out of respect to those affected by the Creeslough tragedy. The team send their deepest sympathies to those affected and hope you will understand the reasons for postponing the event.

We will be in touch to confirm future dates for the event shortly; in the meantime the revised proposal for Cloghercor Wind Farm will be uploaded in the virtual exhibition room at the end of the week and can be accessed at www.cloghercorwindfarm.com. Please do be in touch if we can answer any questions at this time.

Kind regards

Clare

Cloghercor Wind Farm - Rescheduled dates for community engagement events

Correspondence 7 - October 2022



 **Cloghercor Windfarm**
Blind copy
others

26/10/2022 12:33 

Good afternoon,

I write to you following earlier correspondence with regard to the community engagement events for the proposed Cloghercor Wind Farm, near the Cloghercor and Clogheracullion areas of County Donegal. As you may be aware, the project team took the decision to postpone the events out of respect to those affected by the Creeslough tragedy.

We have now rearranged these events to take place next week, with the details of times and venues as follows:

Gweebarra Bar, Meenagowan, Lettermacaward

Wednesday 2 November, 2pm-8pm

Teach Gleann Ceo, Main Street, Doochary

Thursday 3 November, 2pm-8pm

As previously outlined, these exhibition events will put on display a final-stage proposal for Cloghercor Wind Farm. Further to community feedback and the outcomes of on-site studies, the project has been revised again to a 19-turbine scheme, including the potential for recreational amenities. The exhibition will contain further details on the proposal, including photomontages, delivery route, community benefit fund and near neighbour scheme, and the potential recreational amenity.

The project team will be in attendance at the events and look forward to discussing the proposal with the residents, community groups, and elected representatives.

The revised proposal will also be displayed in a virtual village hall which will be on our project website, www.cloghercorwindfarm.com, from Wednesday 2 November.

Kind regards

Clare

For and on behalf of Cloghercor Wind Farm project team

Appendix C - Correspondence to locally elected representatives

1. Example of Correspondence sent to Councillors, TD's and MEP's – April 2021

Proposed Cloghercor Wind Farm

 Dineen, James
To: pearse.doherty@oireachtas.ie

 You forwarded this message on 30/03/2021 09:57.

 Cloghercor - Newsletter 1 - March 2021.pdf
3 MB

 Reply  Reply All  Forward  

Tue 30/03/2021 09:17

Dear Mr Doherty,

I write to you on behalf of Brookfield Renewable Ireland and Coillte Renewable Energy (Coillte), who are jointly exploring the potential for a wind energy project near the Clogherachullion and Cloghercor areas of County Donegal.

A specialised environmental team have been carrying out a series of initial feasibility studies within the proposed Project's Study Area since 2019. The aim is to continue these feasibility studies in order to obtain a better understanding of the suitability of the Study Area for a potential wind energy project. As you will appreciate, this activity is being undertaken within strict COVID-19 protocols.

Our plans are at a very early stage and we still have a large amount of information to gather before we can move towards preparing detailed proposals. However, it is our intention that further to the outcome of our environmental studies and feedback from the local community and stakeholders, we will be able to develop an initial design and layout on which we will hold dedicated public consultation events later this year in accordance with the most up-to-date COVID-19 guidance from the government.

We want to work inclusively and responsively with the local community and its representatives, ensuring that your feedback shapes and informs the project as it progresses. Therefore, at this stage, we would like to start a conversation with the local community about how a sustainable development project such as this could help to support the local economy and contribute towards Ireland's renewable energy aspirations. As such, I am pleased to attach to this letter and our first project newsletter, which is being issued to residents this week.

I would very much welcome the opportunity to meet you in order to introduce the project and the project team. If this would be of interest, please contact us at info@cloghercorwindfarm.com or reply to this email and we would be pleased to set up a phone call or a virtual meeting. In addition, should you be aware of any community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with the community as inclusively as possible.

I look forward to hearing from you.

Yours sincerely,

James Dineen

James Dineen
Project Manager

Brookfield Renewable
5th Floor, City Quarter, Lapps Quay, Cork, Ireland, T12 A2XD
James.Dineen@brookfieldrenewable.com
www.brookfieldrenewable.com

Brookfield

Proposed Cloghercor Wind Farm



Dineen, James

To: noeljordan@donegalcoco.ie



[Reply](#) [Reply All](#) [Forward](#) [Share](#) [More](#)

Tue 30/03/2021 09:37

Dear Councillor Jordan,

I write to you on behalf of Brookfield Renewable Ireland and Coillte Renewable Energy (Coillte), who are jointly exploring the potential for a wind energy project near the Clogherachullion and Cloghercor areas of County Donegal.

A specialised environmental team have been carrying out a series of initial feasibility studies within the proposed Project's Study Area since 2019. The aim is to continue these feasibility studies in order to obtain a better understanding of the suitability of the Study Area for a potential wind energy project. As you will appreciate, this activity is being undertaken within strict COVID-19 protocols.

Our plans are at a very early stage and we still have a large amount of information to gather before we can move towards preparing detailed proposals. However, it is our intention that further to the outcome of our environmental studies and feedback from the local community and stakeholders, we will be able to develop an initial design and layout on which we will hold dedicated public consultation events later this year in accordance with the most up-to-date COVID-19 guidance from the government.

We want to work inclusively and responsively with the local community and its representatives, ensuring that your feedback shapes and informs the project as it progresses. Therefore, at this stage, we would like to start a conversation with the local community about how a sustainable development project such as this could help to support the local economy and contribute towards Ireland's renewable energy aspirations. As such, I am pleased to attach to this letter and our first project newsletter, which is being issued to residents this week.

I would very much welcome the opportunity to meet you in order to introduce the project and the project team. If this would be of interest, please contact us at info@cloghercorwindfarm.com or reply to this email and we would be pleased to set up a phone call or a virtual meeting. In addition, should you be aware of any community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with the community as inclusively as possible.

I look forward to hearing from you.

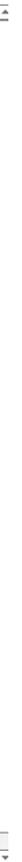
Yours sincerely,

James Dineen

James Dineen
Project Manager

Brookfield Renewable
5th Floor, City Quarter, Lapps Quay, Cork, Ireland, T12 A2XD
James.Dineen@brookfieldrenewable.com
www.brookfieldrenewable.com

Brookfield

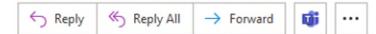


Proposed Cloghercor Wind Farm



Dineen, James

To chris.macmanus@europarl.europa.eu



Tue 30/03/2021 09:53

Dear Hon, Chris MacManus, MEP,

I write to you on behalf of Brookfield Renewable Ireland and Coillte Renewable Energy (Coillte), who are jointly exploring the potential for a wind energy project near the Clogherchullion and Cloghercor areas of County Donegal.

A specialised environmental team have been carrying out a series of initial feasibility studies within the proposed Project's Study Area since 2019. The aim is to continue these feasibility studies in order to obtain a better understanding of the suitability of the Study Area for a potential wind energy project. As you will appreciate, this activity is being undertaken within strict COVID-19 protocols.

Our plans are at a very early stage and we still have a large amount of information to gather before we can move towards preparing detailed proposals. However, it is our intention that further to the outcome of our environmental studies and feedback from the local community and stakeholders, we will be able to develop an initial design and layout on which we will hold dedicated public consultation events later this year in accordance with the most up-to-date COVID-19 guidance from the government.

We want to work inclusively and responsively with the local community and its representatives, ensuring that your feedback shapes and informs the project as it progresses. Therefore, at this stage, we would like to start a conversation with the local community about how a sustainable development project such as this could help to support the local economy and contribute towards Ireland's renewable energy aspirations. As such, I am pleased to attach to this letter and our first project newsletter, which is being issued to residents this week.

I would very much welcome the opportunity to meet you in order to introduce the project and the project team. If this would be of interest, please contact us at info@cloghercorwindfarm.com or reply to this email and we would be pleased to set up a phone call or a virtual meeting. In addition, should you be aware of any community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with the community as inclusively as possible.

I look forward to hearing from you.

Yours sincerely,

James Dineen

James Dineen
Project Manager

Brookfield Renewable
5th Floor, City Quarter, Lapps Quay, Cork, Ireland, T12 A2XD
James.Dineen@brookfieldrenewable.com
www.brookfieldrenewable.com

Brookfield

2. Example of Correspondence sent to Councillors, TD's and MEP's – June 2021

Proposed Cloghercor Wind Farm

 James Dineen
To  padraig.maclochlainn@oireachtas.ie

 Internal

 Newsletter 2 - Cloghercor Wind Farm Dual language.pdf
3 MB

 Reply  Reply All  Forward  

Tue 15/06/2021 09:11

Dear Deputy MacLochlainn,

I write to provide an update on our proposal to develop Cloghercor Wind Farm near the Clogherachullion and Cloghercor areas of County Donegal.

Since my previous correspondence in April 2021, Brookfield's Irish and UK renewable platform and pipeline projects have been acquired by Ørsted. The acquisition includes the Cloghercor project.

This means that the company is now operating under a new name, however, the team behind the Cloghercor project remain unchanged. We continue to develop the project in partnership with Coillte and our experienced and professional Ireland-based team are committed to bringing forward a sensitive proposal for the Cloghercor wind energy development.

As I outlined in my previous correspondence, a specialised environmental team have been carrying out a series of feasibility studies within the proposed project's Study Area since 2019. Further to these studies, we are delighted to now be at the stage where we can present an initial proposal and layout for the proposed Cloghercor Wind Farm, consisting of a proposal for a 23 turbine project with the potential to deliver up to 140MW of clean green energy.

If approved, the project will deliver in excess of €500,000 per year in community benefit support, including a near neighbour scheme. This community benefit funding – which will be for the community to direct towards local priorities and amenities – will be in addition to substantial rates payments to Donegal County Council.

I am pleased to attach to this email our second project newsletter which contains further details of our proposal and next steps to discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

The ongoing Covid-19 restrictions make face-to-face engagement with residents and the local community challenging. Whilst under normal circumstances we would undertake door-to-door house calls and local exhibitions, this is unfortunately not possible in the current circumstances.

However, we will shortly be hosting a virtual exhibition event which will be open to anybody with an interest in the project. The virtual exhibition will display further detailed information on our initial proposal, and the findings of our ecological and feasibility studies so far. We will also host video content from our team so that members of the community can hear directly from us on the proposal. Vitaly, the exhibition will also provide an opportunity for members of the public to leave us their feedback and views on the project, which will form an essential part to our approach.

The exhibition will be live from Monday 28 June at www.cloghercorwindfarm.com. For any members of the community who cannot access the virtual exhibition or who wish to access the materials in an alternative way, we will do our best to accommodate all requirements.

I would be delighted if you were able to visit the virtual consultation room to learn more about our plans. I would also be pleased to discuss the project with you in further detail should you have any queries yourself or on behalf of your constituents. If this would be of interest, please contact us at info@cloghercorwindfarm.com and we would be pleased to set up a call or a meeting in a Covid-secure setting according to your preferences.

In addition, should you be aware of any other community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen
Project Manager, Ørsted

Proposed Cloghercor Wind Farm

 James Dineen
To:  renadonaghey@donegalcoco.ie

 Internal

 Newsletter 2 - Cloghercor Wind Farm Dual language.pdf
3 MB

 Reply  Reply All  Forward  

Tue 15/06/2021 09:38

Dear Councillor Donaghey,

I write to provide an update on our proposal to develop Cloghercor Wind Farm near the Clogherachullion and Cloghercor areas of County Donegal.

Since my previous correspondence in April 2021, Brookfield's Irish and UK renewable platform and pipeline projects have been acquired by Ørsted. The acquisition includes the Cloghercor project.

This means that the company is now operating under a new name, however, the team behind the Cloghercor project remain unchanged. We continue to develop the project in partnership with Coillte and our experienced and professional Ireland-based team are committed to bringing forward a sensitive proposal for the Cloghercor wind energy development.

As I outlined in my previous correspondence, a specialised environmental team have been carrying out a series of feasibility studies within the proposed project's Study Area since 2019. Further to these studies, we are delighted to now be at the stage where we can present an initial proposal and layout for the proposed Cloghercor Wind Farm, consisting of a proposal for a 23 turbine project with the potential to deliver up to 140MW of clean green energy.

If approved, the project will deliver in excess of €500,000 per year in community benefit support, including a near neighbour scheme. This community benefit funding – which will be for the community to direct towards local priorities and amenities – will be in addition to substantial rates payments to Donegal County Council.

I am pleased to attach to this email our second project newsletter which contains further details of our proposal and next steps to discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

The ongoing Covid-19 restrictions make face-to-face engagement with residents and the local community challenging. Whilst under normal circumstances we would undertake door-to-door house calls and local exhibitions, this is unfortunately not possible in the current circumstances.

However, we will shortly be hosting a virtual exhibition event which will be open to anybody with an interest in the project. The virtual exhibition will display further detailed information on our initial proposal, and the findings of our ecological and feasibility studies so far. We will also host video content from our team so that members of the community can hear directly from us on the proposal. Vitrally, the exhibition will also provide an opportunity for members of the public to leave us their feedback and views on the project, which will form an essential part to our approach.

The exhibition will be live from Monday 28 June at www.cloghercorwindfarm.com. For any members of the community who cannot access the virtual exhibition or who wish to access the materials in an alternative way, we will do our best to accommodate all requirements.

I would be delighted if you were able to visit the virtual consultation room to learn more about our plans. I would also be pleased to discuss the project with you in further detail should you have any queries yourself or on behalf of your constituents. If this would be of interest, please contact us at info@cloghercorwindfarm.com and we would be pleased to set up a call or a meeting in a Covid-secure setting according to your preferences.

In addition, should you be aware of any other community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen
Project Manager, Ørsted

Proposed Cloghercor Wind Farm



James Dineen

To noreenmcgarvey@donegalcoco.ie

Internal

Newsletter 2 - Cloghercor Wind Farm Dual language.pdf
3 MB

Reply Reply All Forward

Tue 15/06/2021 09:28

Dear Councillor McGarvey,

I write to provide an update on our proposal to develop Cloghercor Wind Farm near the Clogherachullion and Cloghercor areas of County Donegal.

Since my previous correspondence in April 2021, Brookfield's Irish and UK renewable platform and pipeline projects have been acquired by Ørsted. The acquisition includes the Cloghercor project.

This means that the company is now operating under a new name, however, the team behind the Cloghercor project remain unchanged. We continue to develop the project in partnership with Collite and our experienced and professional Ireland-based team are committed to bringing forward a sensitive proposal for the Cloghercor wind energy development.

As I outlined in my previous correspondence, a specialised environmental team have been carrying out a series of feasibility studies within the proposed project's Study Area since 2019. Further to these studies, we are delighted to now be at the stage where we can present an initial proposal and layout for the proposed Cloghercor Wind Farm, consisting of a proposal for a 23 turbine project with the potential to deliver up to 140MW of clean green energy.

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I am pleased to attach to this email our second project newsletter which contains further details of our proposal and next steps to discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

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The exhibition will be live from Monday 28 June at www.cloghercorwindfarm.com. For any members of the community who cannot access the virtual exhibition or who wish to access the materials in an alternative way, we will do our best to accommodate all requirements.

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In addition, should you be aware of any other community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen

Project Manager, Ørsted

3. Example of Correspondence sent to Councillors, TD's and MEP's – November 2021

Cloghercor Wind Farm - Community Information Webinar 29.11.2021



James Dineen

To joe.mchugh@oireachtas.ie

[Reply](#) [Reply All](#) [Forward](#)  

Thu 18/11/2021 16:14

Dear Deputy McHugh,

I write on behalf of Ørsted, who are co-developing a proposal for Cloghercor Wind Farm in partnership with Coillte. The proposed onshore wind development is situated near the Clogherachullion and Cloghercor areas of County Donegal.

Whilst Covid-19 restrictions have limited the ability of the project team to do extensive engagement in the community in-person, since introducing the proposal to the community in March this year we have made efforts to communicate regularly with residents close to the site and other interested parties to keep them informed of our proposals and invite their feedback. To date, this engagement has included a newsletter update issued in the spring and summer, Covid-secure one-to-one meetings booked on request, and a virtual exhibition room displaying our initial proposal which is accessible on our website (www.cloghercorwindfarm.com).

A specialised environmental team are continuing studies on-site, and as we refine our proposals, we are enthusiastic to take on board feedback from the community.

As such, we will be holding a community information webinar on **Monday 29 November, 19:00 - 20:30** in order to set out our plans and invite feedback and questions from the community. We will be inviting the community to attend the webinar via a postcard drop to households close to the site in the coming days, and we will also advertise the event in the local press. Please find a copy of the postcard invitation attached to this email.

I would be delighted if you would be able to attend the event. If this would be of interest, please advise by return of this email or to our dedicated project mailbox (info@cloghercorwindfarm.com) and we will register you for the event. We can provide all the materials that we will present at the webinar in an alternative format should you be unable to participate, and the project team would be pleased to discuss the project with you directly at any time.

Finally, should you be aware of any other community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

I look forward to hearing from you.

Yours sincerely,

James Dineen

Project Manager, Ørsted

Cloghercor Wind Farm - Community Information Webinar 29.11.2021



James Dineen

To johnofearraigh@donegalcoco.ie

Public

Community information webinar postcard invite.pdf
2 MB

Reply Reply All Forward

Thu 18/11/2021 16:24

Dear Cllr Ó Fearraigh,

I write on behalf of Ørsted, who are co-developing a proposal for Cloghercor Wind Farm in partnership with Coillte. The proposed onshore wind development is situated near the Clogherachullion and Cloghercor areas of County Donegal.

Whilst Covid-19 restrictions have limited the ability of the project team to do extensive engagement in the community in-person, since introducing the proposal to the community in March this year we have made efforts to communicate regularly with residents close to the site and other interested parties to keep them informed of our proposals and invite their feedback. To date, this engagement has included a newsletter update issued in the spring and summer, Covid-secure one-to-one meetings booked on request, and a virtual exhibition room displaying our initial proposal which is accessible on our website (www.cloghercorwindfarm.com).

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I look forward to hearing from you.

Yours sincerely,

James Dineen

Cloghercor Wind Farm - Community Information Webinar 29.11.2021



James Dineen

To lukeming.flanagan@europarl.europa.eu

Public

 Community information webinar postcard invite.pdf
2 MB

[Reply](#) [Reply All](#) [Forward](#)  

Thu 18/11/2021 16:26

Hon, Luke Ming Flanagan, MEP

I write on behalf of Ørsted, who are co-developing a proposal for Cloghercor Wind Farm in partnership with Coillte. The proposed onshore wind development is situated near the Clogherachullion and Cloghercor areas of County Donegal.

Whilst Covid-19 restrictions have limited the ability of the project team to do extensive engagement in the community in-person, since introducing the proposal to the community in March this year we have made efforts to communicate regularly with residents close to the site and other interested parties to keep them informed of our proposals and invite their feedback. To date, this engagement has included a newsletter update issued in the spring and summer, Covid-secure one-to-one meetings booked on request, and a virtual exhibition room displaying our initial proposal which is accessible on our website (www.cloghercorwindfarm.com).

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Finally, should you be aware of any other community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

I look forward to hearing from you.

Yours sincerely,

James Dineen

4. Example of Correspondence sent to Councillors, TD's and MEP's – June 2022

Cloghercor Wind Farm - Newsletter 3 and upcoming exhibition

 James Dineen
To  charlie.mcconalogue@oireachtas.ie

 You forwarded this message on 09/06/2022 09:33.

 Cloghercor Newsletter 3.pdf
7 MB

 Reply  Reply All  Forward  

Thu 09/06/2022 09:32

Dear Deputy McConaglogue,

I write to provide an update on the proposal by Ørsted and FuturEnergy Ireland's to develop Cloghercor Wind Farm, located in the Clogherachullion and Cloghercor areas of County Donegal.

Having introduced the proposal to the community in 2021, we have continued environmental studies on the site and taken on board feedback from the community. As such, we are pleased to now be in a position to present a revised proposal for Cloghercor Wind Farm, with a reduced number of turbines and numerous changes to the turbine placement.

The proposal now consists of a 21-turbine scheme, reduced from 23, with the potential to deliver up to 126MW of clean green energy. In accordance with the government-led Renewable Energy Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund estimated to be c.€500,000 a year depending on the final size of the project. This will include a near neighbour scheme. In addition, we will shortly commence a consultation with the community about whether the proposal could include an upgraded recreational amenity on the site.

I am pleased to attach to this email our third project newsletter which contains more information about the revised proposal, the community benefit opportunities, and details of an upcoming exhibition to present and discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

The updated proposal will be on display from Monday 13 June in our virtual exhibition room at: www.cloghercorwindfarm.com. We will also be holding two community drop-in sessions for residents to meet our team and view the proposals.

The dates and locations for these events are as follows, and we would be delighted to meet you at one of these events to discuss the proposal in further depth. If you wish to schedule some time to meet with our team, please contact us at info@cloghercorwindfarm.com or (021) 422 3677.

Halla Naomh Bride, Madavagh, Lettermacaward
Monday 13 June, 12pm - 8pm

Teach Gleann Ceo, Main Street, Doochary
Tuesday 14 June, 12pm - 8pm

I do hope you will visit the exhibition to read through the materials and provide us with your valued feedback. In addition, should you be aware of any community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen
Project Manager, Ørsted

Cloghercor Wind Farm - Newsletter 3 and upcoming exhibition



James Dineen

To michaelmclafferty@donegalcoco.ie

You forwarded this message on 09/06/2022 09:46.



Reply Reply All Forward

Thu 09/06/2022 09:44

Dear Cllr. McClafferty,

I write to provide an update on the proposal by Ørsted and FuturEnergy Ireland's to develop Cloghercor Wind Farm, located in the Clogherachullion and Cloghercor areas of County Donegal.

Having introduced the proposal to the community in 2021, we have continued environmental studies on the site and taken on board feedback from the community. As such, we are pleased to now be in a position to present a revised proposal for Cloghercor Wind Farm, with a reduced number of turbines and numerous changes to the turbine placement.

The proposal now consists of a 21-turbine scheme, reduced from 23, with the potential to deliver up to 126MW of clean green energy. In accordance with the government-led Renewable Energy Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund estimated to be c.€500,000 a year depending on the final size of the project. This will include a near neighbour scheme. In addition, we will shortly commence a consultation with the community about whether the proposal could include an upgraded recreational amenity on the site.

I am pleased to attach to this email our third project newsletter which contains more information about the revised proposal, the community benefit opportunities, and details of an upcoming exhibition to present and discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

The updated proposal will be on display from Monday 13 June in our virtual exhibition room at: www.cloghercorwindfarm.com. We will also be holding two community drop-in sessions for residents to meet our team and view the proposals.

The dates and locations for these events are as follows, and we would be delighted to meet you at one of these events to discuss the proposal in further depth. If you wish to schedule some time to meet with our team, please contact us at info@cloghercorwindfarm.com or (021) 422 3677.

Halla Naomh Bride, Madavagh, Lettermacaward
Monday 13 June, 12pm - 8pm

Teach Gleann Ceo, Main Street, Doochary
Tuesday 14 June, 12pm - 8pm

I do hope you will visit the exhibition to read through the materials and provide us with your valued feedback. In addition, should you be aware of any community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen
Project Manager, Ørsted

Cloghercor Wind Farm - Newsletter 3 and upcoming exhibition



James Dineen

To chris.macmanus@ep.europa.eu

You forwarded this message on 09/06/2022 09:49.



Reply Reply All Forward

Thu 09/06/2022 09:47

Hon, Chris MacManus, MEP

I write to provide an update on the proposal by Ørsted and FuturEnergy Ireland's to develop Cloghercor Wind Farm, located in the Clogherachullion and Cloghercor areas of County Donegal.

Having introduced the proposal to the community in 2021, we have continued environmental studies on the site and taken on board feedback from the community. As such, we are pleased to now be in a position to present a revised proposal for Cloghercor Wind Farm, with a reduced number of turbines and numerous changes to the turbine placement.

The proposal now consists of a 21-turbine scheme, reduced from 23, with the potential to deliver up to 126MW of clean green energy. In accordance with the government-led Renewable Energy Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund estimated to be c.€500,000 a year depending on the final size of the project. This will include a near neighbour scheme. In addition, we will shortly commence a consultation with the community about whether the proposal could include an upgraded recreational amenity on the site.

I am pleased to attach to this email our third project newsletter which contains more information about the revised proposal, the community benefit opportunities, and details of an upcoming exhibition to present and discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

The updated proposal will be on display from Monday 13 June in our virtual exhibition room at: www.cloghercorwindfarm.com. We will also be holding two community drop-in sessions for residents to meet our team and view the proposals.

The dates and locations for these events are as follows, and we would be delighted to meet you at one of these events to discuss the proposal in further depth. If you wish to schedule some time to meet with our team, please contact us at info@cloghercorwindfarm.com or (021) 422 3677.

Halla Naomh Bride, Madavagh, Lettermacaward
Monday 13 June, 12pm - 8pm

Teach Gleann Ceo, Main Street, Doochary
Tuesday 14 June, 12pm - 8pm

I do hope you will visit the exhibition to read through the materials and provide us with your valued feedback. In addition, should you be aware of any community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen
Project Manager, Ørsted

5. Example of Correspondence sent to Councillors, TD's and MEP's – October 2022

Cloghercor Wind Farm - Newsletter 4 and upcoming exhibition



James Dineen

To: 'thomas.pringle@oireachtas.ie'

You forwarded this message on 04/10/2022 16:54.



Tue 04/10/2022 16:47

Dear Deputy Pringle,

I am writing to you to provide an update on the proposal by Ørsted and FuturEnergy Ireland to develop Cloghercor Wind Farm, located in the Clogherachullion and Cloghercor areas of County Donegal.

Having introduced the proposal to the community in 2021, we have continued environmental studies on the site and carried out design iterations taking on board feedback from the community through numerous engagement events. We are pleased to have progressed towards a final design proposal, with a further reduction in the number of turbines and numerous changes to the turbine placement.

The proposal now consists of a 19-turbine scheme, reduced from 23, with the potential to deliver up to 137MW of clean green energy. In accordance with the government-led Renewable Electricity Support Scheme (RESS), the project can deliver a substantial and long-term community benefit fund estimated to be c.€500,000 a year for the first 15 years of the project being operational. The final proposal also contains details of upgraded recreational amenities on and around the site.

I am pleased to attach to this email our fourth project newsletter which contains more information about the revised proposal, the community benefit opportunities, and details of an upcoming exhibition to present and discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

The dates and locations for our upcoming community events are as follows. We would be delighted to meet you at one of these events to discuss the final proposals in further depth. If you wish to schedule some time to meet with our team, please contact us at info@cloghercorwindfarm.com or (021) 422 3677.

Halla Naomh Bride, Madavagh, Lettermacaward
Monday 10 October, 2pm-8pm

Teach Gleann Ceo, Main Street, Doochary
Wednesday 12 October, 2pm-8pm

The updated proposal will be on display in our virtual exhibition room after the exhibition, from Wednesday 12 October. The materials can be accessed at www.cloghercorwindfarm.com.

I do hope you will visit the exhibition to read through the materials and provide us with your valued feedback. In addition, should you be aware of any community groups that are active in the local area who you think would be interested in hearing from us, we would gladly approach them on your recommendation to ensure we are engaging with all of the community as inclusively as possible.

Yours sincerely,

James Dineen
Project Manager, Ørsted

Cloghercor Wind Farm - Newsletter 4 and upcoming exhibition



James Dineen

To: 'liamblaney@donegalcoco.ie'



Cloghercor Wind Farm - Newsletter 4 - October 2022.pdf
4 MB

Reply Reply All Forward

Wed 05/10/2022 10:34

Dear Cllr. Blaney,

I am writing to you to provide an update on the proposal by Ørsted and FuturEnergy Ireland to develop Cloghercor Wind Farm, located in the Clogherachullion and Cloghercor areas of County Donegal.

Having introduced the proposal to the community in 2021, we have continued environmental studies on the site and carried out design iterations taking on board feedback from the community through numerous engagement events. We are pleased to have progressed towards a final design proposal, with a further reduction in the number of turbines and numerous changes to the turbine placement.

The proposal now consists of a 19-turbine scheme, reduced from 23, with the potential to deliver up to 137MW of clean green energy. In accordance with the government-led Renewable Electricity Support Scheme (RESS), the project can deliver a substantial and long-term community benefit fund estimated to be c.€500,000 a year for the first 15 years of the project being operational. The final proposal also contains details of upgraded recreational amenities on and around the site.

I am pleased to attach to this email our fourth project newsletter which contains more information about the revised proposal, the community benefit opportunities, and details of an upcoming exhibition to present and discuss the proposal with the community. This newsletter will be issued to residents in the area this week.

The dates and locations for our upcoming community events are as follows. We would be delighted to meet you at one of these events to discuss the final proposals in further depth. If you wish to schedule some time to meet with our team, please contact us at info@cloghercorwindfarm.com or (021) 422 3677.

Halla Naomh Bride, Madavagh, Lettermacaward
Monday 10 October, 2pm-8pm

Teach Gleann Ceo, Main Street, Doochary
Wednesday 12 October, 2pm-8pm

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Yours sincerely,

James Dineen
Project Manager, Ørsted

Cloghercor Wind Farm - Newsletter 4 and upcoming exhibition



James Dineen

To colm.markey@ep.europa.eu

[Reply](#) [Reply All](#) [Forward](#) [Print](#) [More](#)

Tue 04/10/2022 17:03



Hon. Colm Markey, MEP

I am writing to you to provide an update on the proposal by Ørsted and FuturEnergy Ireland to develop Cloghercor Wind Farm, located in the Clogherchullion and Cloghercor areas of County Donegal.

Having introduced the proposal to the community in 2021, we have continued environmental studies on the site and carried out design iterations taking on board feedback from the community through numerous engagement events. We are pleased to have progressed towards a final design proposal, with a further reduction in the number of turbines and numerous changes to the turbine placement.

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Yours sincerely,

James Dineen
Project Manager, Ørsted



Learn more at orsted.com

5th Floor, City Quarter
3042 Lapps Quay
Ireland

Ørsted handles personal data as stated in our [Privacy Policy](#) for business relations

6. Example of Correspondence for rescheduled event sent to Councillors, TD's and MEP's – October 2022

Cloghercor Wind Farm - Upcoming Exhibition



James Dineen

To

liamblaney@donegalcoco.ie; michaelnaughton@donegalcoco.ie; anthonymolloy@donegalcoco.ie; MarieTheresaGallagher@donegalcoco.ie; michaelmacgiollaesbuig@donegalcoco.ie; noreenmcgarvey@donegalcoco.ie; johnofearraigh@donegalcoco.ie; michaelmclafferty@donegalcoco.ie



[Reply](#) [Reply All](#) [Forward](#) [Print](#) [More](#)

Wed 26/10/2022 17:16

Dear Councillor,

I write to you following earlier correspondence with regard to the community engagement events for the proposed Cloghercor Wind Farm, near the Cloghercor and Clogheracullion areas of County Donegal.

As you may be aware, the project team took the decision to postpone the events out of respect to those affected by the Creeslough tragedy.

We have now rearranged these events to take place next week, with the details of times and venues as follows:

Gweebarra Bar, Meenagowan, Lettermacaward
Wednesday 2 November, 2pm-8pm

Teach Gleann Ceo, Main Street, Doochary
Thursday 3 November, 2pm-8pm

Our Community Liaison Officers are informing local residents of the arrangements via a door-to-door leaflet drop and we will be advertising the events in the local press this week. Please find attached a copy of the flyer that has been shared locally for your information.

As previously outlined, these exhibition events will put on display a final-stage proposal for Cloghercor Wind Farm. Further to community feedback and the outcomes of on-site studies, the project has been revised again to a 19-turbine scheme, including the potential for recreational amenities. The exhibition will contain further details on the proposal, including photomontages, delivery route, community benefit fund and near neighbour scheme, and the potential recreational amenity. The project team will be in attendance at the events and look forward to discussing the proposal with the residents, community groups, and elected representatives.

The revised proposal will also be displayed in a virtual village hall which will be on our project website, www.cloghercorwindfarm.com, from Wednesday 2 November.

If you are able to attend one of these community engagement events, I would be pleased to meet you and to discuss the proposal. Alternatively, please do let me know if we can provide any further information on the final-stage proposal for the wind farm, potential recreational amenity, and our approach to community engagement.

Kind regards

James

FW: Cloghercor Wind Farm - Upcoming Exhibition



James Dineen

To

Bcc 'colm.markey@ep.europa.eu'; 'maria.walsh@ep.europa.eu'; 'chris.macmanus@ep.europa.eu'; 'lukeming.flanagan@ep.europa.eu'



[Reply](#) [Reply All](#) [Forward](#)

Wed 26/10/2022 17:07

Dear Sir/Madam,

I write to you following earlier correspondence with regard to the community engagement events for the proposed Cloghercor Wind Farm, near the Cloghercor and Clogheracullion areas of County Donegal.

As you may be aware, the project team took the decision to postpone the events out of respect to those affected by the Creeslough tragedy.

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Kind regards

James

Cloghercor Wind Farm - Upcoming Exhibition



James Dineen

To

Bcc 'pearse.doherty@oireachtas.ie'; 'padraig.maclochlainn@oireachtas.ie'; 'charlie.mcconalogue@oireachtas.ie'; 'joe.mchugh@oireachtas.ie'; 'thomas.pringle@oireachtas.ie'

You forwarded this message on 26/10/2022 17:06.



Reply Reply All Forward

Wed 26/10/2022 17:04

Dear Deputy,

I write to you following earlier correspondence with regard to the community engagement events for the proposed Cloghercor Wind Farm, near the Cloghercor and Clogheracullion areas of County Donegal.

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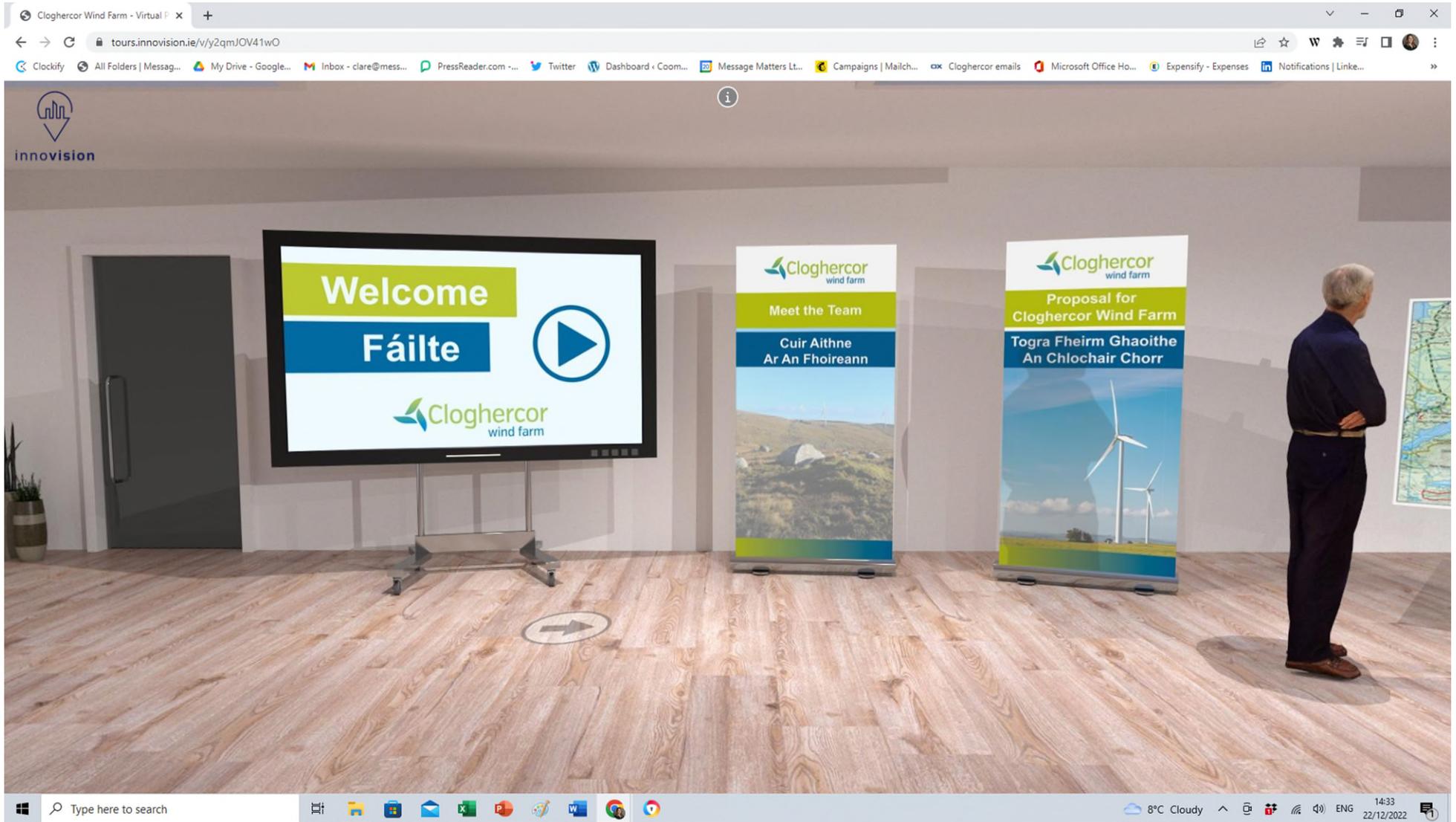
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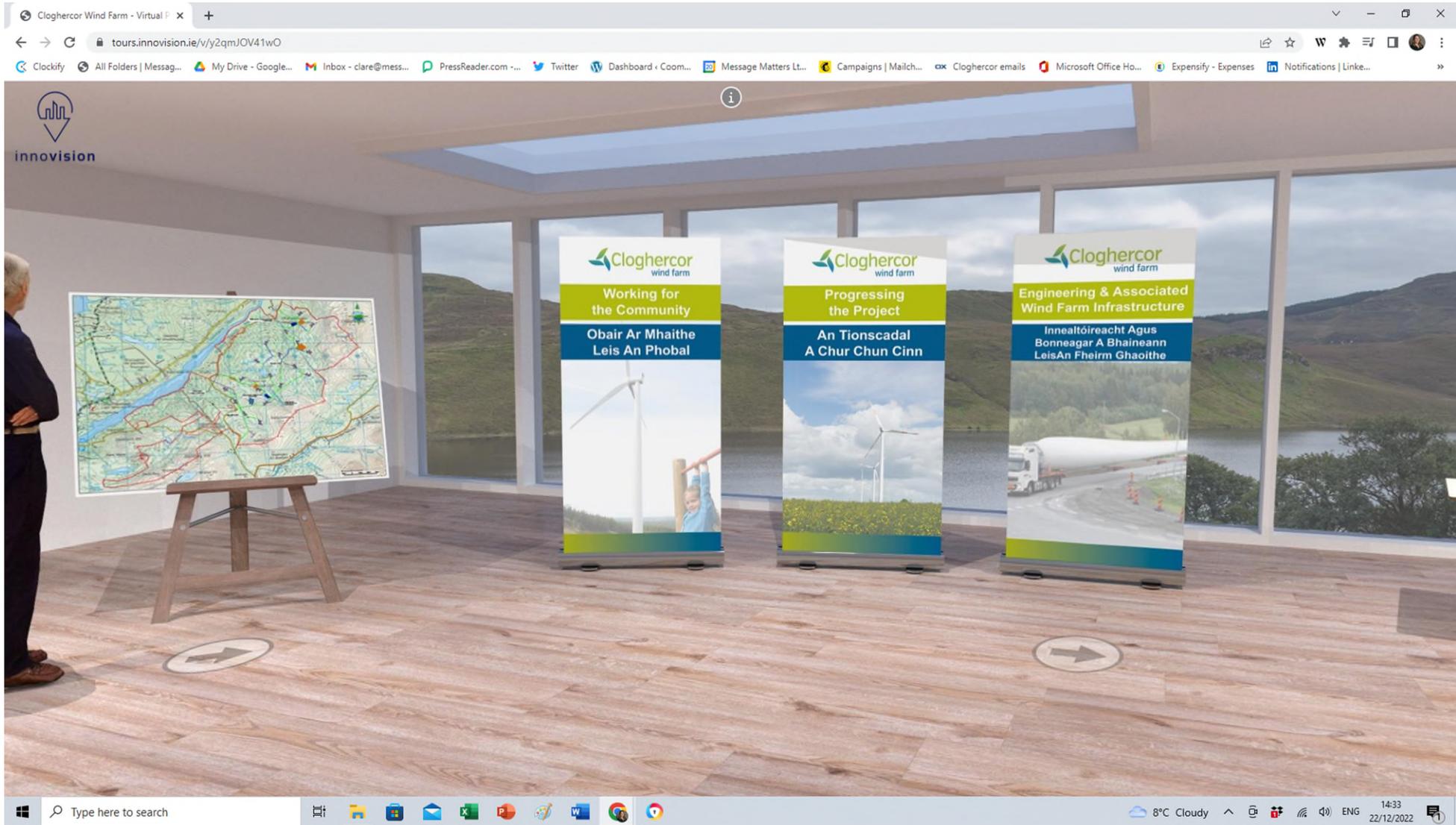
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Kind regards

James

Appendix D - Representative Screenshot of Virtual Consultation Room









June 2021 - Design Iteration 1 information panels



WELCOME

Welcome to this virtual consultation room for Cloghercor Windfarm. Please use the arrows and links to access various materials, images and videos about the project.

We hope you find this virtual exhibition useful. Whilst we regret that the ongoing restrictions around Covid-19 continue to restrict us from holding this exhibition in-person, you will also find details on how to contact us throughout the exhibition and we would be pleased to discuss the project and address your queries in a Covid-secure setting at any point.

In addition, we would be grateful if you could submit your feedback at the end. Your feedback is hugely valuable to our approach to this project.

Since 2019, we have been undertaking detailed ecological and feasibility studies across the townlands of Clogherchullion and Cloghercor for a potential wind energy project.

You can find more information on the outcome of these studies and how they have influenced our initial design proposal throughout the exhibition materials.



CLICK HERE TO VIEW WELCOME VIDEO FROM ORSTED PROJECT MANAGER JAMES DINEEN

WHY WIND ENERGY?

The impacts of climate change are widely recognised as being one of the greatest global economic, environmental and social challenges facing the world today. Electricity and heat generated by fossil fuels are among the biggest polluters to our atmosphere.

In 2019, the Oireachtas declared a climate emergency. The Government of Ireland has also set stretching ambitions to:

- Reduce emissions of greenhouse gases by an average of 7% each year from 2021-2030 - a reduction of 51% over the decade
- Meet 70% of electricity demand from renewables by 2030.

The need for low carbon energy supplies has never been more paramount if Ireland is to achieve these targets. Onshore wind is one of the cheapest forms of electricity and will therefore be vital to reaching Ireland's energy and climate change goals.

Cloghercor Windfarm will:

- Generate electricity from a renewable source of energy - offsetting the need for combustion of fossil fuels
- Assist in Ireland's mission to decarbonise our electricity, heat and transport systems
- Meet local and national energy demand
- Contribute to the regional and Irish economy.

FÁILTE

Fáilte romhat go dtí an seomra fíorúil comhairliúcháin seo fá choinne Fheirm Ghaoithe an Chlochair Chorr. Bain úsáid as na saigheada agus as na naisc le teacht ar ábhair, iomhánna agus físeáin éagsúla a bhaineann leis an tionscadal.

Tá súil againn go mbeifidh tú tairbhe as an taispeántas fíorúil seo. Cé go bhfuil muid buartha nach dtig linn an taispeántas seo a reáchtáil agus daoine i láthair ann de dheasca na sriantá a bhaineann le COVID-19 fós a bheith i bhfeidhm, gheobhaidh tú sonraí i nith an taispeántais fá cén dóigh teagmháil a dhéanamh linn. Bheadh muid sásta an tionscadal a phlé agus na ceisteanna atá agat a fhreagairt ag pointe ar bith in áit a bheadh slán ó thaobh Covid de.

Lena chois sin, bheadh muid buíoch díot as aiseolas a chur isteach ag an deireadh. Tá an-tábhacht ag baint leis an aiseolas uait i dtaca leis an chur chuige a bheas againn sa tionscadal seo de.

Ó bhí 2019 ann, tá muid i ndiaidh tabhairt faoi staidéir mhionsonraithe éiceolaíochta agus indúsantachta sna bailte fearainn Clochar an Chullinn agus an Clochar Carr fá choinne tionscadal fuinnimh ghaoithe a d'fhéadfadh a bheith ann.

Thig leat teacht ar thuilleadh eolais in ábhar an taispeántais fá thoradh na staidéir sin agus fán fórchar atá imeartha ag na staidéir ar an togra tosaigh deartha.



CLICKEÁIL ANSEO LE HAMHARC AR FHÍSEÁN FÁILTE Ó BHAINISTEOR TIONSCADAIL, ORSTED, JAMES DINEEN



CAD CHUIGE AN FUINNEAMH GAOITHE?

Aithnítear na torthaí a bhaineann leis an athrú aeráide ar cheann de na dúshláin dhomhanda is mó atá roimh an tsaoil sa lá atá inniu ann, idir dúshláin eacnamaíochta, chomhshaoil agus sochaí. Tá an leictreachas agus an teas a ghintear ó bhreosláí iontaise i measc na n-údar is mó truaillithe san atmaisféar seo againne.

Sa bhliain 2019, fógraíodh san Oireachtas go raibh géarchéim aeráide ann. Tá mianta leathana leagtha amach ag Rialtas na hÉireann leis na rudáí seo a leanas a bhaint amach:

- Astaíochtaí ó gháis ceaptha teasa a laghdú 7% ar an mheán gach bliain idir 2021-2030 – laghdú 51% sa tréimhse deich mbliana.
- Leas a bhaint as foinsí in-athnuaite fuinnimh le 70% den éileamh ar leictreachas a shásamh faoi 2030.

Is tábhachtaí anois ná riamh an gá le soláthairtí fuinnimh ísealcharbóin má tá Éire leis na spricanna sin a bhaint amach. Tá an fuinneamh gaoithe ar talamh ar cheann de na foirmeacha is saoire fuinnimh atá ann agus, mar sin de, beidh tábhacht faoi leith ag baint leis le spricanna na hÉireann ó thaobh fuinnimh agus athrú aeráide de a bhaint amach.

Le Feirm Ghaoithe an Chlochair Chorr, beifear ábalta:

- Leictreachas a ghiniúint ó fhoinsí in-athnuaite fuinnimh – a dhéanfaidh cúiteamh ar an ghá le breosláí iontaise a dhó
- Cuidiú le cuspóir na hÉireann ar gcórais leictreachais, teasa agus iompair a dhíchairbónú
- An t-éileamh áitúil agus náisiúnta ar fuinneamh a shásamh
- Cur leis an gheilleagar réigiúnach agus le geilleagar na hÉireann.

MEET THE TEAM

Further to the recent sale of Brookfield Renewable assets to Ørsted, the developer is now operating under its new name of Ørsted.

However, the people in the project team remain the same – bringing extensive experience in the design, construction and operation of wind energy developments throughout Ireland and we are working closely with specialist consultants who are experts in the areas of grid, planning and wind resource.



James Dineen is Ørsted's Project Manager for the proposed Cloghercor Wind Farm project. James brings extensive experience in renewable energy development having worked in the sector for over 10 years.

James Dineen
Project Manager, Ørsted



Ciara Conboy is Coillte's Project Manager for the proposed Cloghercor Wind Farm project. Ciara has recently joined the Coillte Renewables Team bringing experience from a range of renewable energy projects across the country.

Ciara Conboy
Project Manager, Coillte



Sean Doherty is the Community Liaison Officer for the proposed Cloghercor Wind Farm project. A resident native of Donegal, Sean is an experienced forestry manager and was involved in the planting of the Cloghercor forest site.

Sean Doherty
Community Liaison Officer

TOBIN

CONSULTING ENGINEERS

SPECIALIST CONSULTANTS

TOBIN has an experienced and enthusiastic team of Planners, Environmental Scientists and Engineers, and considerable depth of in-house specialist personnel, to undertake an extensive range of projects. Our areas of expertise are underpinned by the principles of sustainability, reducing carbon footprint, managing resource use, protecting biodiversity and improving quality of life with a focus on stakeholder involvement from the outset.

TOBIN is an innovative consultancy firm, covering all sectors of the energy and environment market. We have significant experience and involvement in policy, regulation and standards development, at a national level, and can advise our clients on all stages of a project's lifecycle from project management, development design, assessment, planning and construction through to operation.

CUIR AITHNE AR AN FHOIREANN

Dioladh sócmhainní Brookfield Renewable le Ørsted ar na mallabh agus, mar sin, tá an forbróir ag feidhmiú faoina ainm úr, Ørsted.

Bíodh sin mar atá, tá na daoine céanna ar fhoireann an tionscadail go fóill, agus tá taithí leathan acu forbraíochtaí fuinnimh ghaoithe a dhearadh, a thógáil agus a fheidhmiú ar fud na hÉireann. Tá muid ag obair go dlúth le sainchomhairleoirí ar saineolaíthe iad sna réimsí eangach, pleanáil agus acmhainní gaoithe.



Is é James Dineen Bainisteoir Tionscadail Ørsted do thionscadal beartaithe Fheirm Ghaoithe an Chlochair Chorr. Tá an-taithí ag James i bhforbairt an fuinnimh in-athnuaite as siocair go bhfuil sé ag obair san eamnáil le breis agus 10 bliana.

James Dineen
Bainisteoir Tionscadail, Ørsted



Is í Ciara Conboy Bainisteoir Tionscadail Coillte do thionscadal beartaithe Fheirm Ghaoithe an Chlochair Chorr. Tá Ciara i ndiaidh teacht ar na mallabh go Foireann Foinse In-Athnuaite Fuinnimh Coillte agus taithí aici ar réimse tionscadail fuinnimh in-athnuaite ar fud na tíre.

Ciara Conboy
Bainisteoir Tionscadail, Coillte



Is é Sean Doherty an tOifigeach Teagmhála Pobail do thionscadal beartaithe Fheirm Ghaoithe an Chlochair Chorr. As Dún na nGall é dhéachas é Sean, agus tá an-taithí aige mar bhainisteoir foraoiseachta. Bhí baint aige le láithreán foraoise an Chlochair Chorr a phlandá.

Sean Doherty
Oifigeach Teagmhála Pobail

TOBIN

CONSULTING ENGINEERS

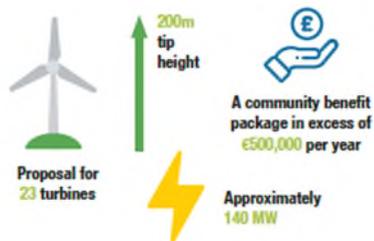
SAINCHOMHAIRLEOIRÍ

Tá foireann dhiograiseach ag TOBIN, agus an-taithí ag muintir na foirme, ar a bhfuil Pleanáitithe, Eolaíthe Comhshaoil is Innealtóirí agus, anuas air sin, pearsanra saineolach leathan innheánach, le tabhairt faoi réimse leathan tionscadal. Tá na príomhbail seo a leanas mar bhonn faoi na réimsí saineolais atá againn: an inbhuanaitheacht, lorg carbóin a laghdú, úsáid acmhainní a bhainistiú, an bhithéagsúlacht a chosaint agus an caighdeán maireachtála a fheabhsú. Dirítear ar rannpháirt

Gnóbach comhairliúcháin nuálach atá in TOBIN, a bhíonn ag plé le gach eamnáil sa mhardhad fuinnimh agus comhshaoil. Tá taithí shuntasach againn i mbeartas, rialú agus caighdeán a fhorbairt, ar leibhéal náisiúnta, agus páirt glactha againn san fhorbairt sin. Thig linn comhairle a chur ar ár gcliaint ag gach céim de shaoiléir tionscadail, bíodh sin bainistíocht tionscadail, dearadh na forbartha, measúnú, pleanáil, tógáil agus, sa deireadh, feidhmiú.

PROPOSAL FOR CLOGHERCOR WINDFARM

Having undertaken detailed environmental and feasibility studies since 2019, we can now present an initial proposal and layout for the proposed Cloghercor Wind Farm, consisting of:



SITE LOCATION

The proposed wind farm site is located 2km south of Doochary in north-west County Donegal. The elevation of the site ranges from 50m above sea level in the north and west rising to 292m above sea level in the south of the site, with a peak of 146m in the centre of the site.

The Clochar an Chuilinn flows through the site as well as several small watercourses and all flow into the Gweebarra / Owenwee (Doochary) river adjacent to the site.

Two lakes, the Aneane More and Aneane Beg, are within the site boundary. Current land cover within the site (based on CORINE land cover maps and examination of aerial imagery) comprises predominantly of 'Coniferous Forest', with some small areas classified as 'Peat Bogs' or 'Transitional Woodland-Shrub'.

Within the wider landscape, peatland and commercial forestry comprises the primary land-uses in the area with some small areas of agricultural grassland also present. Access to the site is via a local access road which connects the site to the R252 to the northeast. The site can also be accessed via the southwest from the R250 and L6363.

THE DESIGN PROCESS

Our initial proposal has been informed by extensive studies conducted both on-site and off-site. In order to assess what parts of the site are potentially suitable for constructing turbines and other infrastructure, a number of key constraints have been identified, including:

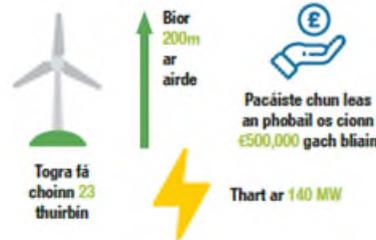
- International Environmental and landscape designations (Special Areas of Conservation, Special Protection Areas, and areas of Especially High Scenic Amenity)
- Watercourses and lakes – ensuring a setback of 50m
- Dwelling houses
- Archaeological monuments and featured monuments
- Infrastructure providing existing services, such as public roads and power lines.

Continued surveys will inform wider constraints including sensitive habitats which are not designated, and areas with significant slopes.

The initial site layout design has determined that the site should be suitable for 23 turbines. The exact number, siting and scheme layout for the turbines will be decided as part of the design and Environmental Impact Assessment process.

TOGRA FHEIRM GHAOITHE AN CHLOCHAIR CHORR

Ar an ábhar go bhfuil muid i ndiaidh tabhairt faoi staidéir mhionsonraithe chomhshaoil agus indéantachta ó 2019 i leith, thig linn togra agus leagan amach tosaigh a chur i láthair anois don Fheirm Ghaoithe atá beartaithe don Chlochchar Chorr, ina mbeidh:



SUÍOMH AN LAITHREÁIN

Tá láithreán na feirme gaoithe beartaithe 2km ó dheas ón Dúchoraidh in iarthuaisceart chontae Dhún na nGall. Tá airde an láithreáin idir 50m os cionn leibhéal na mara sa tuaisceart agus san iarthar, a éiríonn chomh hard le 292m os cionn leibhéal na mara ar an taobh theas den láithreán, agus tá buaic 146m i lár an láithreáin.

Tá Clochar an Chuilinn ag sruthú fríd an láithreáin, mar aon le roinnt sruthchúrsaí beaga, agus iad ar fad ag sruthú isteach in Abhainn Ghaoth Beara/Abhainn Fhia (Dúchoraidh) in aice leis an láithreán.

Tá dhá loch taobh istigh de theorainn an láithreáin: Loch an Eidhinn Mór agus Loch an Eidhinn Beag. 'Foraois Bhuaircineach' is mó atá sa chumhdach talún taobh istigh den láithreán fá láthair (bunaithe ar léarscáileanna cumhdaigh talún CORINE agus scrúdú ar aeríomhána). Tá roinnt ceantair bheaga ann atá san aicme 'Portach Móna' nó 'Coilleamach-Tor Idirchríosach'.

Sa tírdhreach níos leithne, is don talamh portaigh agus don fhioraoiseacht tráchtála is mó a úsáidtear an talamh sa cheantar, agus tá cuid ceantair bheaga den fhearach talmhaíochta ann chomh maith. Tá teacht ar an láithreán ó bhóthar rochtana áitiúla a dhéanann an láithreán a nascadh leis an R252 i dtreo an oirthuiscirt. Thig teacht ar an láithreán ón iardheisceart ón R250 agus L6363.

PRÓISEAS AN DEARTHÁ

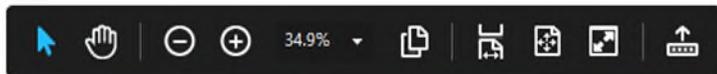
Rinneadh staidéir leathana ar an láthair agus as an láthair atá i ndiaidh eolas a chur ar fáil don togra tosaigh seo againne. Mar chuid de mheasúnú a dhéanamh ar na páirteanna den láithreán a d'fhéadfadh a bheith fóirsteanach le turbíne agus bonneagar eile a thógáil orthu, táthar i ndiaidh méid áirithe sriantaí tábhachtacha a aithint, na cinn seo ina measc:

- Sonraithe idirnáisiúnta comhshaoil agus tírdhreacha (Limistéir faoi Chaomhnú Speisialta, Limistéir faoi Chosaint Speisialta agus Limistéir Ardsceimhe)
- Sruthchúrsaí agus lochanna – a dhéanann slánachar 50m a chinntiú
- Tithe cónaithe
- Séadchomharthaí seandálaíochta agus séadchomharthaí sonracha
- Bonneagar atá ag cur seirbhíse ar fáil fá láthair, bóithre poiblí agus línte cumhachta, mar shampla.

Beidh tuilleadh suirbhéiríochtaí ann a chuirfidh eolas ar fáil fá sriantaí níos leithne, gnáthóga leochaileacha nach bhfuil sonraíthe agus limistéir ina bhfuil fánaí suntasacha san áireamh.

Táthar i ndiaidh a shocrú sa deardh tosaigh ar leagan amach an láithreáin gur chóir go mbeadh an suíomh fóirsteanach fá choinne 23 thuirbín. Déanfar cinneadh fán mhéid chruinn a bheas ann, fá cá háit a mbeidh siad agus fá leagan amach na scéime do na turbíne mar pháirt den phróiseas deartha agus sa Mheasúnach Tonchair Timpeallachta.

[CLICK HERE TO VIEW A PRESENTATION ON THE PROJECT OVERVIEW](#)



WORKING FOR THE COMMUNITY

We are committed to engaging inclusively with the whole community and developing a responsible project that is good for society and our neighbours.

Working closely with the community nearby to the proposed site, we want to help bring forward sustainable, long-term community initiatives that meet local priorities, needs and objectives.

In accordance with the government-led Renewable Energy Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund throughout the period that Cloghercor Windfarm is commissioned. This fund is expected to be in excess of €500,000 per year depending on the final size of the wind farm and it will include a near neighbour scheme.

We would like to begin a discussion with the community as to how such a fund could be directed towards local needs, amenities and services, for example:

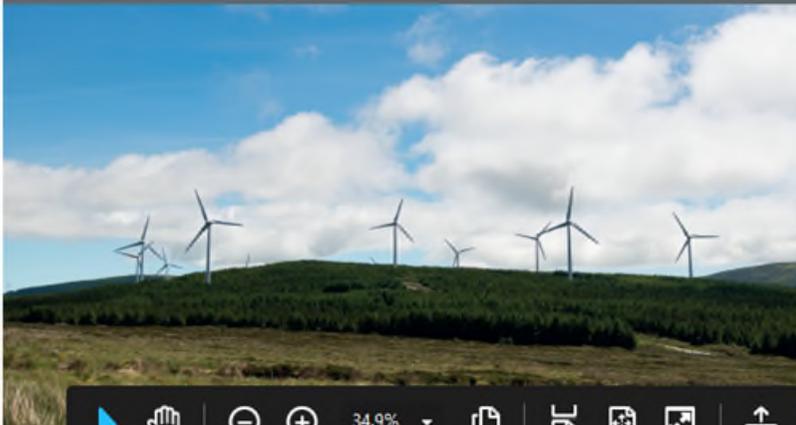
- Local recreational facilities
- Broadband and connectivity upgrades
- Education, skills and employment initiatives
- Local services such as community halls or community event sponsorship.

The distribution of the community benefit fund will ultimately be for the community to decide in partnership with our team.

If you would like to speak to us about the community benefit opportunities, please get in touch - we are keen to hear from you.

NEAR NEIGHBOUR SCHEME

The near neighbour scheme would be designed in consultation with the community. This support can take many forms including direct financial support to the household with their energy bill, payments to enable households to retrofit their homes or to improve their property, or support for further education.



OBAIR AR MHAITHE LEIS AN PHOBAL

Tá muid díograiseach ó thaobh plé a dhéanamh leis an phobal ar fad de agus tionscadal freagrach a fhorbairt a bheas dearfach don tsochaí agus dár gcuid comharsan.

Agus muid ag obair go dlúth leis an phobal atá gar don láithreán atá beartaite, is mian linn tionscnaimh inbhuanaithe fadtéarma phobail a chur chun cinn a dhéanann cúrsaí tosaíochta, nachtanais agus cuspóirí na háite a shásamh.

I gcomhréir leis an Scéim Tacaíochta don Fhúinneamh In-Athnuaite (RESS) a bhfuil an rialtas ina bun, bhéarfaidh an tionscadal ciste suntasach fadtéarmach chun leas an phobail isteach fad a bheas an fheirm ghaoithe coimisiúnaithe. Táthar ag déiream le go mbeidh corradh le €500,000 in aghaidh na bliana i gceist leis an chiste seo ag brath ar chomh mór is a bheas an fheirm ghaoithe sa deireadh agus beidh scéim fá choinne comharsana cóngaracha mar chuid de.

Be mhaith linn tús a chur leis an phlé leis an phobal fá dtaobh de cad é mar a thiocfadh ciste mar sin a threorú chun leasa nachtanais, áiseanna agus sheirbhísí na háite, mar shampla:

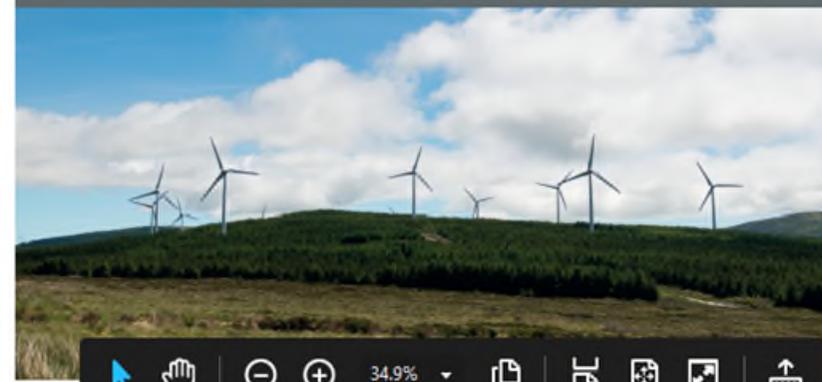
- Áiseanna áitiúla caitimh aimsire
- Uasghrádú ar leathanbhanda agus ar an nascacht
- Tionscnaimh oideachais, scileanna agus fostaíochta
- Seirbhísí áitiúla, hallaí pobail mar shampla, nó urraíocht ar imeachtaí pobail.

Sa deireadh, is faoin phobal a bheas sé cinneadh a dhéanamh, i gcomhar leis an fhoireann seo againne, fá cad é mar a dhéanfar an ciste chun leas an phobail a dháileadh.

Más mian leat labhairt linn faoi na deiseanna atá ann i dtaca le leas an phobail de, déan teagmháil linn – ba bhreá linn cluinéin uait.

SCÉIM FÁ CHOINNE COMHARSANA CÓNGARACHA

Dhéanfaí an scéim fá choinne comharsana cóngaracha a dhearadh i gcomhar leis an phobal Thíg an tacaíocht seo a chur ar fáil ar go leor bealaí, mar shampla: tacaíocht dhíreach airgeadais don teaghlach leis an bhille fuinnimh, focalochtaí le cur ar a gcumas do theaghlaigh a dtíthe a iarfhéistiú nó lena maoin a fheabhsú, nó tacaíocht fá choinne breisoideachais.



PROGRESSING THE PROJECT

The Cloghercor Windfarm proposal is an iterative process that will be closely informed by detailed and continuing on-site studies as well as feedback from the local community.

We are currently presenting the first design iteration of the project. The results of continuing studies, along with public feedback, will inform subsequent design iterations which we will consult upon before submitting a planning application for Cloghercor Windfarm.

THE PLANNING PROCESS

The proposed Cloghercor Windfarm will deliver approximately 140 Megawatts (MW) of power to the grid. A project of this size is deemed to meet the Strategic Infrastructure Development (SID) thresholds for wind energy, meaning that we will make an application to An Bord Pleanála seeking SID status for the project.

If An Bord Pleanála determines that the project is indeed SID, the planning application will be submitted directly to An Bord Pleanála, under the provisions of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Donegal County Council.

We are committed to close engagement with the local community and irrespective of the route to applying for planning permission, there will be multiple opportunities for the public to make observations on the project.

ENVIRONMENTAL IMPACT ASSESSMENT REPORT

Our ongoing studies are informing an Environmental Impact Assessment Report (EIA/R) which will be submitted with the final planning application in due course. You can find more information on our ongoing studies further through the exhibition.

The EIA/R will be presented in a number of volumes which include:

- Non-Technical Summary
- Main Report
- Appendices
- Photomontages

The EIA/R will describe the existing environment, the likely significant effects of the proposed development and the proposed mitigation measures. Individual specialists will undertake their evaluations of the environment including evaluation under following topics:

1. Introduction
2. Background to the Proposed Development
3. Description of the Proposed Development
4. Consideration of Reasonable Alternatives
5. Policy, Planning and Development Context
6. Population and Human Health
7. Biodiversity – Flora and Fauna
8. Biodiversity – Ornithology
9. Soils and Geology
10. Hydrology and Hydrogeology
11. Air Quality and Climate
12. Noise and Vibration
13. Shadow Flicker
14. Landscape and Visual Impact
15. Material Assets including Aviation and Telecommunications
16. Traffic and Transportation
17. Cultural Heritage
18. Interaction of the Foregoing
19. Schedule of Mitigation Measures.

An Appropriate Assessment Screening Report and Natura Impact Statement will also accompany any planning application. The purpose of these will be to inform An Bord Pleanála in its undertaking of an 'Appropriate Assessment' of the proposal, as required under the EU Habitats Directive.

This is an assessment of the potential for significant or adverse effects resulting from the project, both individually and in-combination with other activities, plans and projects, on European Site(s) as designated under the EU Habitats Directive and the conservation objectives for their qualifying species and habitats.

AN TIONSCADAL A CHUR CHUN CINN

Próiseas céimneach atá i gceist le togra Fheirm Ghaoithe an Chlochair Chorr. Beidh staidéir mhionsonraithe ar an láthair go leanúnach, chomh maith le haiseolas ón phobal áitiúil, a chuirfidh eolas ar fáil fána choinne.

Faoi láthair, an chéad chéim de dheardh an tionscadail atá á cur i láthair againn. Bainfead leas as na torthaí ó staidéir leanúnacha, mar aon leis an aiseolas ón phobal, le heolas a chur ar fáil do na céimeanna deartha ina dhiaidh seo, agus rachaidh muid i mbun comhairliúcháin ina taobh sula gcuireann muid isteach iarratas pleanála fá choinne Fheirm Ghaoithe an Chlochair Chorr.

AN PRÓISEAS PLEANÁLA

Déanfaidh Fheirm Ghaoithe bheartaithe an Chlochair Chorr thart ar 140 Meigeavata (MW) cumhachta a sholáthar don eangach. Glactar leis go sáisiomh tionscadal den mhéid seo na tairseacha don fhuinneamh gaoithe a bhaineann le Forbairt Bonneagair Straitéisigh. Fágann sin go gcuirfidh muid iarratas faoi bhráid an Bhoird Pleanála le stádas mar Forbairt Bonneagair Straitéisigh a lorg don tionscadal.

Má shocraíonn an Bord Pleanála gur Forbairt Bonneagair Straitéisigh atá sa tionscadal, cuirfead an t-iarratas pleanála go díreach faoi bhráid an Bhoird Pleanála, faoi fhorálacha an Aichta um Pleanáil agus Forbairt (Bonneagair Straitéisigh), 2006. Más rud é gur tionscadal ar scála níos lú ná na tairse Forbartha Bonneagair Straitéisigh a bheas ann, cuirfead iarratas ar chéad pleanála faoi bhráid Chomhairle Contae Dhún na nGall.

Tá muid díograiseach ó thaobh dlúthchaidreamh a bheith againn leis an phobal áitiúil agus, beag beann ar an dóigh a ndéantar an t-iarratas ar chéad pleanála, beidh neart deiseanna ag an phobal a mbarúlacha a léiriú fán tionscadal.

TUARASCÁIL MEASÚNACHTA TIONCHAIR TIMPEALLACHTA

Tá eolas á chur ar fáil ó na staidéir atá muid a dhéanamh i rith an ama fá choinne Tuarascáil Measúnachta Tionchair Timpeallachta, a chuirfead isteach in éineacht leis an iarratas deiridh pleanála in am agus i dtráth. Thig leat teacht ar thuilleadh eolais fá na staidéir atá ar bun againn níos faide anonn sa taispeántas.

Cuirfead an Tuarascáil Measúnachta Tionchair Timpeallachta i láthair i ndoiciméid éagsúla, na cinn seo ina measc:

- Achoimre Neamhtheicniúil
- An Phríomhthuarascáil
- Agusáiní
- Fótamontáisi

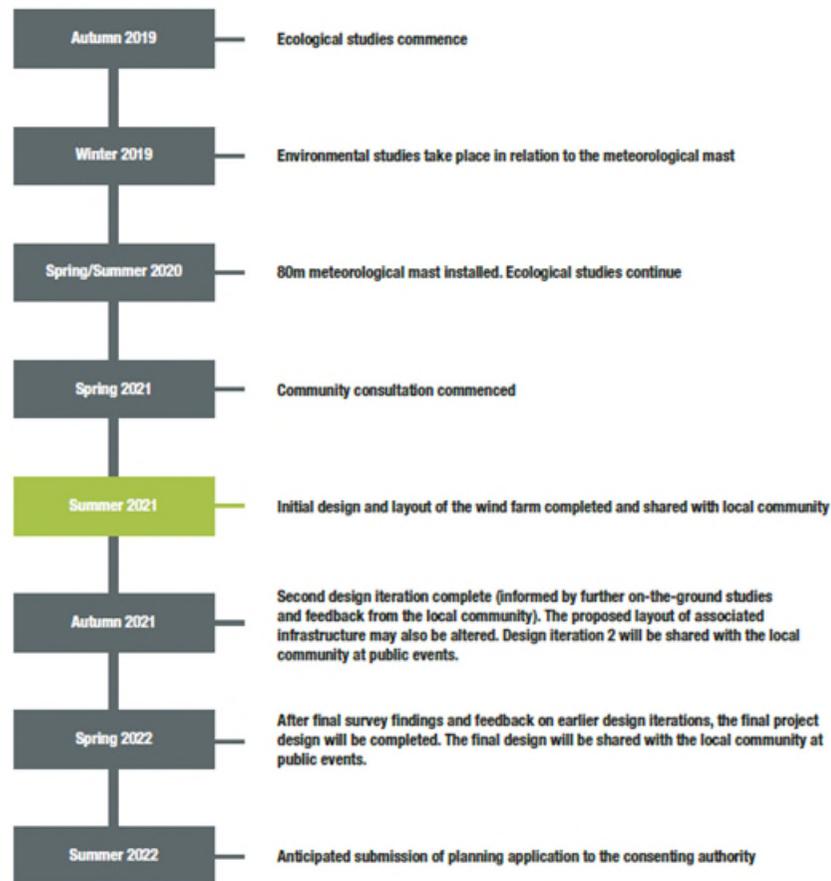
Sa Tuarascáil Measúnachta Tionchair Timpeallachta, déanfar cur síos ar an timpeallacht faoi mar atá i láthair na huair, ar na torthaí is dócha a bheas ann mar thoradh ar an fhorbraíocht atá beartaithe agus ar na bearta maolaithe atá beartaithe. Tabharfaidh speisialtóirí ar leith faoi mheasúnuithe a dhéanamh ar an timpeallacht, ina gcuirfead san áireamh measúnú faoi na topaicí seo a leanas:

1. Réamhrá
2. Cúlra den Fhorbraíocht Bheartaithe
3. Cur síos ar an Fhorbraíocht Bheartaithe
4. Roghanna Malartacha Réasúnta a Mheas
5. Comhthéacs Beartais, Pleanála agus Forbraíochta
6. Daonra agus Sláinte na nDaoinne
7. An Bhithéagsúlacht – Flóra agus Fána
8. An Bhithéagsúlacht – an Éineolaíocht
9. Ithreacha agus an Éineolaíocht
10. An Hidreolaíocht agus an Hidrigeolaíocht
11. Cailíocht an Aoir agus an Aeráid
12. Torann agus Creathadh
13. Caochail Scáileanna
14. Tionchar Tirdhreacha agus Fisiúil
15. Sócmhainní Ábhartha, an Eitíocht agus Teileachumarsáide san áireamh
16. Trácht agus Iompar
17. An Oidhreacht Chultúrtha
18. Ceangal idir na Rudaí Thuasluaite
19. Scaoilte na mBearta Maolaithe

Beidh Tuarascáil maidir le Scagadh le haghaidh Measúnachta Chúf, chomh maith le Ráiteas Tionchair Natura, mar chuid d'aon iarratas pleanála a dhéantar fosta. Is é an cuspóir a bheas leo sin ná an Bord Pleanála a chur ar an eolas agus é ag tabhairt faoi 'Measúnacht Chúf' den togra, mar a éilítear faoi Threoir an Aontais Eorpaigh maidir le Gnáthoga.

PROGRESSING THE PROJECT

PROJECT TIMELINE

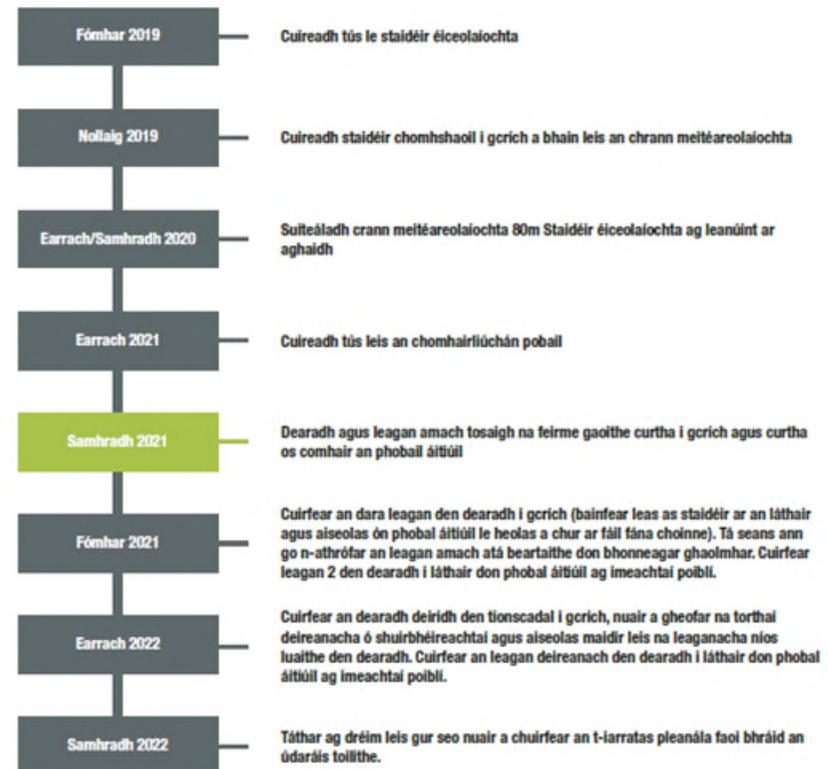


AN TIONSCADAL A CHUR CHUN CINN

Measúnacht atá i gceist leis sin le fáil amach an bhféadfadh iarmhairtí suntasacha nó díobhálacha a bheith ann mar gheall ar an tionscadal, an tionscadal leis féin nó in éineacht le gníomhaíochtaí, pleananna agus tionscadail eile, ar Láithreán

Eorpach/Láithreán Eorpacha mar atá ainmnithe faoi Threoir an Aontais Eorpaigh maidir le gnáthóga agus na cuspóirí comhaontais dá speiceas agus gnáthóga cáilitheacha.

AMLÍNE AN TIONSCADAIL



ENGINEERING AND ASSOCIATED WINDFARM INFRASTRUCTURE

We have not finalised any proposals for transport and infrastructure. Further to consultation and feedback, detailed management plans will be included within the Environmental Impact Assessment Report (EIAR) that will be submitted with our planning application.

As the project progresses, we will use numerous methodologies to assess and present a sensitive final proposal for associated infrastructure, which will include:

- Site roads to each turbine location, and to all proposed site infrastructure. The roadways will have a running width of approximately 5 metres, with drainage checks and measures installed from the outset to ensure there is no uncontrolled runoff from the site during proposed works. Details of the required site drainage works will be included in the EIAR.
- One or more temporary compound areas to provide offices, welfare facilities, car parking and hardstands for storing materials during the construction phase.
- Replanting plans for forestry that will be felled around the footprint of the wind farm infrastructure.

Construction of the turbine bases will require excavation of the surrounding soil from the foundation and crane hardstanding area to founding level. The soil will be replaced with granular fill where required. Each wind turbine will require a reinforced concrete foundation (See Figure 1).



Figure 1 - Steel reinforcement being added to foundation

Hardstand areas will also be constructed around each turbine base to accommodate large cranes, facilitate access, turbine assembly and turbine erection.

It is proposed that one or more borrow pits will be constructed as part of the proposed development, in order to provide a source for the majority of stone material requirements within the site itself, thereby reducing the potential impacts on local roads and the environment.

GRID CONNECTION

The construction and electrical components of the substation and grid connection will be to EirGrid specifications. The proposed on-site substation will include electrical components necessary to export generated power from the wind farm to the transmission system. Each turbine will be connected to the proposed on-site substation at Cloghercor via underground cables. Fibre-optic cables will also connect each wind turbine to the wind turbine control system located within the Control Building.

If approved, it is our intention that the proposed onsite substation will connect to the national grid via either a dedicated 110kV tail-fed underground connection to Tievebrack 110kV Substation, or a 110kV Loop-In Connection into the Ardnagappary - Tievebrack 110kV Line that passes through the proposed site.

INNEALTÓIREACHT AGUS BONNEAGAR A BHAINNEAN LEIS AN FHEIRM GHAOITHE

Níl aon tograí tugtha chun críche againn ó thaobh iompair agus bonneagair de. Anuas ar chomhairliúchán agus aiseolas, cuirfear pleananna mionsonraithe bainistíochta isteach mar chuid den Tuarascáil Measúnachta Tionchair Timpeallachta a chuirfear isteach lenár n-iarrafas pleanála.

De réir mar atá an tionscadal á chur chun cinn, bainfidh muid feidhm as modheolaíochtaí éagsúla le togra deiridh a mheasú agus a chur i láthair don bhonneagar ghaolmhar, ina gcuirfear san áireamh:

- Böithre láithreáin chuig gach suíomh turbin, agus chuig an bhonneagar láithreáin ar fad atá beartaithe. Beidh leithead reatha thart ar 5 mhéadar i gceist leis na böithre, agus suiteálfar seiceálacha draenála agus bearta ón tús lena chinntiú nach mbionn aon rith chun srutha neamhrialaithe ann ón láithreán le linn na n-oibreacha beartaithe. Cuirfear mionsonraithe fá na hoibreacha draenála a bheidh de dhíth isteach mar chuid den Tuarascáil Measúnachta Tionchair Timpeallachta.
- Limistéar comhshuite sealadach amháin, nó níos mó, le hoifigí, áiseanna leasa agus páirceáil carranna a chur ar fáil chomh maith le cruastadanna le hábhair a stóráil le linn chéim na tógála.
- Pleananna athphlandaithe don fhorciseacht a leagfar thart ar lorg bhonneagar na feirme gaoithe.



Figúr 1 – Nearthó cruch á chur le bunraith

Caithefar an ithir atá mórthimpeall a thochailt ón bhunraith agus ó limistéar crua-sheasta na craenach go dtí an leibhéal bunaidh má táthar le boinn na dtuirbíní a thógáil. Cuirfear líonadh gráinneach in áit na hitheach nuair is gá. Beidh bunraith concreíte treisithe de dhóibhail ar gach turbin gaoithe (Amharc Figiúr 1). Tógfar limistéir chrua-sheasta thart ar gach bonn turbin le freastal ar chraenacha móra, le bealach isteach a éascú agus go mbeifear in ann turbiní a chur le chéile is a chur in airde.

Tá sé beartaithe go ndéanfar poll carta nó níos mó a thógáil mar chuid den fhorbraíocht bheartaithe, ionas go gcuirfear ar fáil foins le tromlach na ríachtanas ábhair cloiche a sholáthar taobh istigh den láithreán féin agus, mar sin de, go laghdófar an tionchar a d'fhéadfadh a bheith ann ar bhöithre áitiúla agus ar an timpeallacht.

NASCADH LEIS AN EANGACH

Déanfar tógáil agus comhpháirteanna leictreacha an fhostáisiúin agus an nasccha leis an eangach i gcomhréir le sonraíochtaí EirGrid. San fhostáisiún ar an láthair atá beartaithe, cuirfear san áireamh na comhpháirteanna leictreacha a bheas de dhíth le cumhacht ghinte ón fheirm ghaoithe a easpórtáil chuig an chóras tarchurtha. Bainfear feidhm as cáblaí faoi thalamh le gach turbin a nascadh leis an fhostáisiún atá beartaithe ar an láthair ar an Chlochar Chorr. Déanfaidh cáblaí snáthoptaice gach turbin gaoithe a nascadh le córas rialaithe na dtuirbíní gaoithe a bheas suite san Fhoirgneamh Rialaithe.

Má thugtar cead don iarrafas, is é is cuspóir dúinn go ndéanfar an fhostáisiún beartaithe ar an láthair a nascadh leis an eangach náisiúnta. Leis sin a dhéanamh, úsáidfear ceann acu seo: nasc tiomnaite earrchothaithe 110kV faoi thalamh go Fostáisiún 110kV an Taoibh Bhric, nó nasc lúibha isteach 110kV isteach chuig Líne 110kV Ard na gCeapairí - an Taoibh Bhric, a théann fríd an láithreán beartaithe.

ENGINEERING AND ASSOCIATED WINDFARM INFRASTRUCTURE



Images of typical turbine delivery vehicles.

TURBINE DELIVERY

The route for turbine delivery to site is yet to be determined, but is likely to include Killybegs port. An assessment of the route between the port and the site of the proposed wind farm will be carried out, using site visits and computer modelling of vehicle movements. These assessments will determine what, if any, temporary works are required at any potential pinch points to allow the turbine components to be moved to the site smoothly and at minimal disruption to other road users.

INNEALTÓIREACHT AGUS BONNEAGAR A BHAINNEANN LEIS AN FHEIRM GHAOITHE



Íomhánna de na feithicilí seachadta turbíní a úsáidtear de ghnáth.

TUIRBÍNÍ A SHEACHADADH

Tá an bealach a úsáidtear leis na turbíní a sheachadadh chuig an láithreán go fóill le réiteach, ach is dócha go mbeidh calafort na gCealla Beaga bainteach leis. Tabharfar faoi mheasúnú ar an bhealach idir an calafort agus láithreán na feirme gaoithe beartaithe. Bainfead feidhm as cuairteanna ar an láithreán agus samhaltú ar ríomhaire ar ghluaiseachtaí feithicilí. Socrófar sna measúnuithe sin cad iad na hoibreacha sealadacha a bheas de dhíth ag aon chaolas bóthair, má bhíonn ceann ar bith de dhíth, ionas go mbeifear ábalta comhpháirteanna na dturbíní a bhogadh chuig an láithreán go sábháilte agus nach gcuirfead isteach ach a laghad is féidir ar úsáideoirí eile bóthair.

BIODIVERSITY ON SITE

SCOPE OF SURVEYS AND ASSESSMENT

The purpose of our ongoing biodiversity assessments is to identify important habitats and species that could be affected by the wind farm development, and assess the impacts to these habitats and species.

First we define the Zone of Influence (ZOI), which can extend outside the wind farm site. We then carry out surveys and research to map the distribution of the important habitats and species within the ZOI, and to understand how the species use the ZOI, using relevant scientific research as well as specialised techniques (such as collision risk modelling for birds) to predict impacts.

If any potentially significant impacts are identified, we develop mitigation measures to address these impacts. The Natura Impact Statement assesses the impacts on designated features of European sites (Special Areas of Conservation and Special Protection Areas). The Biodiversity chapter in the Environmental Impact Assessment Report assesses the impacts on other important habitats and species.

HABITATS AND VEGETATION

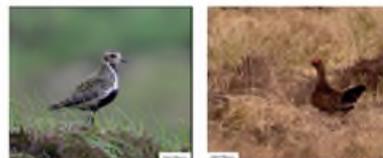
The wind farm site is mainly occupied by plantation forestry but open bog and heath habitats occur, mainly on high ground along the eastern and southern margins of the site. The habitat survey will map and classify all habitats within the site, with a particular focus on Annex I habitats (such as blanket bog and wet heath). Detailed botanical surveys will be carried out of the areas around the proposed locations of the turbine bases, and other proposed infrastructure.



Example images of habitats on site (Blanket Bog and Heath).

BIRDS

Bird populations will be surveyed within the relevant ZOIs, extending up to 6km outside the wind farm site. Standard survey methods will be used to assess populations of sensitive species, and overall we will spend in excess of 1,650 hours carrying out vantage point surveys to assess patterns of flight activity across the wind farm site.



Images of birds in the area (Golden Plover and Red Grouse).

Disturbance and displacement impacts will be predicted using best knowledge from relevant scientific research, and making precautionary assumptions where evidence is limited. Collision risk modelling will be used to predict the likely number of collisions per year based on the patterns of flight activity recorded in the vantage point surveys and the wind turbine parameters.

BATS

Static surveillance is undertaken according to wind farm survey guidelines to determine bat species present and activity level at static stations. The data collated will be analysed using the Bat Eco Tool.



AN BHITHÉAGSÚLACHT AR AN LÁTHAIR

RAON FEIDHME SUIRBHÉIREACHTAÍ AGUS MEASÚNAITHE

Is é is cuspóir do na measúnuithe bithéagsúlachta atá go fóill ar siúl againn gnáthóga agus speicis thábhachtacha a aithint a dtiocfadh forbraíocht na feirme gaoithe cur isteach orthu, agus measúnú a dhéanamh ar an tionchar a d'imreofaí ar na gnáthóga agus speicis sin.

Sa chéad dul síos, déanann muid an Crios Tionchair a shainmhíniú. Thig leis sin a bheith níos faide ar shiúl ná láithreán na feirme gaoithe. Tugann muid faoi shuirbhéireachtaí agus taighde le dáileadh na ngnáthóg agus na speiceas tábhachtach taobh istigh den chrios tionchair a mhapaíl, agus le tuiscint a fháil fá cad é mar a úsáideann na speicis an crios tionchair. Baineann muid feidhm as taighde ábhartha eolaíoch mar aon le teicnící speisialaithe (samhaltú ar an bhaol imbhualaithe i gcás éanacha, mar shampla) le tionchair a thuair.

Má aithnítear aon tionchar a d'fhéadfadh a bheith suntasach, déanann muid bearta maolaithe a fhorbairt le dul i ngleic leis na tionchair sin. Sa Ráiteas Tionchair Natura, déantar na tionchair a mheas ar ghnéithe sainithe a bhaineann le láithreáin Eorpacha (Limistéir faoi Chaomhnú Speisialta agus Limistéir faoi Chosaint Speisialta). Sa chaibidil faoin Bhithéagsúlacht sa Tuarscáil Measúnachta Tionchair Timpeallachta, déantar na tionchair ar ghnáthóga agus speicis thábhachtacha eile a mheasúnú.

GNÁTHÓGA AGUS FÁSRA

Foraoiseacht fáschoille is mó atá le fáil ar láithreán na feirme gaoithe. Tá portaigh oscailte agus gnáthóga fraochmhá ann fosta. ar thalamh ard den chuid is mó, taobh le ciumhaiseanna thoir agus theas an láithreáin. Sa tsuirbhéireacht ar ghnáthóga, déantar na gnáthóga ar fad sa láithreán a mhapaíl is a aicmiú, agus díreofar go sonrach ar ghnáthóga Agusín 1 (brathphortach agus fraochmhá fhliuch, cuir i gcás). Déantar suirbhéireachtaí mionsonraithe luibheolaíoch ar na limistéir thart faoi shuíomhanna beartaithe bhoinn na dtuirbíní agus suíomhanna an bhonneagair eile atá beartaithe.



Imbhánna sampla de ghnáthóga ar an láthair (brathphortach agus Fraochmhá).

ÉANACHA

Déantar suirbhéireacht ar líon na n-éanacha taobh istigh de na críosanna tionchair bainteacha, suas le 6km taobh amuigh de láithreán na feirme gaoithe. Bainfead feidhm as modhanna caighdeánacha suirbhéireachta le líon na bpobal éanacha a mheas fá choinne speicis atá leochaileach. Ar an iomlán, beidh muid ag caitheamh breis agus 1,650 uair an chloig ag tabhairt faoi shuirbhéireachtaí stáitse a dhéanamh le patrúin gníomhaíochta eilite a mheas ar fud láithreán na feirme gaoithe.



Imbhánna d'éanacha sa cheantar (Feadóig bhul agus coilteach fraoigh).

Bainfead leas as an eolas is fearr atá againn ó thaighde eolaíoch leis an tionchar ó shuaitheach agus dláithriú a thuair. Nuair nach bhíofaí ann ach fianaise theoranta, déantar barúlacha réamhchúramacha.

Úsáidfead samhaltú ar an bhaol imbhualaithe le linn na n-imbhualaithe is dócha a bheas ann gach bliain a thuair. Beidh sin bunaithe ar na patrúin gníomhaíochta eilite a thairfeadair sna suirbhéireachtaí stáitse agus ar pharaiméadair na dtuirbíní gaoithe.

BIODIVERSITY ON SITE

Walking transects are undertaken along accessible paths within the survey area and along the local road network to document the local bat populations in relation to commuting and foraging habitats. Driving transects of local road network are undertaken for a 10km radius to document the local bat populations in relation to commuting and foraging habitats. We will also undertake dusk and dawn surveys of buildings and structures within and adjacent to the proposed development to document bat roosts. All of the transect works will be undertaken in accordance with the most up-to-date scientific guidance.

AQUATIC BIODIVERSITY

The wind farm site includes several small watercourses, while some small lakes occur within and around the site. As all the watercourses in the wind farm site all drain northwards to the Gweebarra Estuary, drainage from the wind farm site will not affect the Freshwater Pearl Mussel population in the Owena River catchment.

Aquatic habitat assessment will be carried out using the methodology provided in the Scottish Environment Protection Agency's "River Habitat Survey in Britain and Ireland Field Survey Guidance Manual: 2003 Version".

Aquatic surveys will include kick sampling (for benthic macroinvertebrates, where suitable habitat exists) to establish a baseline water quality rating at suitable locations and a review of habitat suitability for Annex II species such as White-clawed Crayfish.

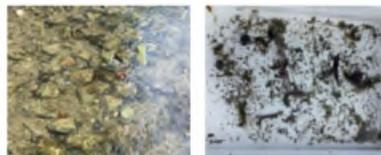


Image of aquatic habitat and typical macroinvertebrate sampling.

The need and precise locations for potential electrofishing will be determined following a preliminary field assessment. The scope of input will allow for the following aquatic assessment:

- Characterise the aquatic receiving environment
- Identify any immediate or downstream aquatic ecological sensitivities
- Assess the suitability of watercourses as salmonid and lamprey spawning and nursery habitat
- Identify site vulnerabilities that may require specific mitigation in relation to watercourses
- Classify watercourses in terms of their local, national and international importance.

Surveys will also be carried out for other species of conservation importance, including Marsh Frilltail, Otter, Badger, Pine Marten, Red Squirrel, Common Frog and Common Lizard

[CLICK HERE FOR A VIDEO PRESENTATION ON OUR BIODIVERSITY STUDIES](#)

AN BHITHÉAGSÚLACHT AR AN LÁTHAIR

IALTÓGA

Tugtar faoi fhairéachas ina stad, de réir treoirlínte suirbhéireachta feirmeacha gaoithe, le fáil amach an bhfuil speiceas ialtóg i láthair agus leis an leibhéal gníomhaíochta a shocrú ag stáisiún ina stad. Bainfear feidhm as an uirlis Bat Eco le hanaíl a dhéanamh ar na sonraí a chuirfear le chéile.



Tabharfar faoi thraschriosanna siúil ar feadh cosáin insroichte taobh istigh de limistéar na suirbhéireachta agus ar feadh an líonra bóithre áitiúla leis na pobail áitiúla ialtóg a thairfeadh i dtaca le taimistriú agus gnáthóga sealgaireachta de. Tabharfar faoi thraschriosanna tíomána de líonra na mbóithre áitiúla fá choinne raon 10km leis na pobail áitiúla ialtóg a thairfeadh i dtaca le taimistriú agus gnáthóga sealgaireachta de. Lena chois sin, tabharfaidh muid faoi shuirbhéireachtaí luí agus éirí na gréine ar fhoirgnimh agus struchtúir cóngarach don fhorbraíocht bheartaithe agus in aice léi le farai ialtóg a thairfeadh. Tabharfar faoi na hobreacha traschreasa ar fad i gcomhréir leis an treoir eolaíoch is úire.

AN BHITHÉAGSÚLACHT UISCEACH

Tá méid áirithe sruthchúrsaí ann ar láithreán na feirme gaoithe, agus tá cúpla loch beag ann taobh istigh den láithreán agus thart air. Ar an ábhar go mbeadh na sruthchúrsaí ar fad ar láithreán na feirme gaoithe ag taoscadh ó thuaidh chuig Inbhear Ghaoth Beara, ní bheadh tionchar ag silteán ó láithreán na feirme gaoithe ar an Dúilicín Péarla Fionnuisce i ndobharcheantar Abhainn Fhía.

Leis an mheasúnacht ar ghnáthóg uisceach a dhéanamh, bainfear feidhm as an mhodheolaíocht a thugtar sa lámhleabhar atá curtha ar fáil ag Ghníomhaireacht

Caomhnaithe Comhshaoil na hAlban, is é sin "River Habitat Survey in Britain and Ireland Field Survey Guidance Manual: 2003 Version".

I suirbhéireachtaí uisceacha, bainfear feidhm as samplaí speicis (fá choinne maicrinveiteabraigh bheantacha, nuair is ann do ghnáthóg chu) le bonnlíne a fháil don rátaíl ar cháilocht an uisce in áiteanna fóirsteanacha agus le hathbhreithniú a dhéanamh ar oinúnacht na gnáthóige fá choinne speicis Agusín II, píardóg liathbhán mar shampla.



Ionhá de ghnáthóg uisceach agus samplaí thipiciúil maicrinveiteabhrach.

Nuair a dhéanfar réam-mheasúnacht allamuigh, beifear ábalta an gá le leictriascaireacht agus cá háit a mbeadh sin a shocrú. Leis an raon feidhme ionchuir, fágfar go dtóg an mheasúnacht uisceach seo a leanas a dhéanamh:

- An comhshaoil glactha uisceach a thréithniú
- An íogaireachtaí éiceolaíochta uisceacha láithreacha nó le sruth a aithint
- Oinúnacht na sruthchúrsaí a mheasúnú mar scéachtaint loimpre is salmainide agus mar ghnáthóg iasclainne
- Leochaileachtaí sa láithreán a aithint a dtiocfadh maolú sonrach a bheith de dhiobháil orthu faoi mar a bhaineann le sruthchúrsaí
- Sruthchúrsaí a aicmiú ó thaobh an tábhacht atá acu de go háitiúil, go náisiúnta agus go hidriméisiúnta.

Déanfar suirbhéireachtaí fosta fá choinne speicis eile a bhfuil tábhacht ag baint leo ó thaobh an chaomhnaithe de, ina measc siúd: an fríleán réisc, an madadh uisce, an broc, an cat crainn, an t-iora rua, an frog coiteann agus an laghairt choiteann.

[CLICEÁIL ANSEO LE CUR I LÁTHAIR FÍSE A FHEICEÁIL A BHAINNEANN LENÁR STADÉIR AR AN BHITHÉAGSÚLACHT](#)

LANDSCAPE AND VISUAL

Detailed studies are currently underway on the landscape and visual impact of the proposed wind energy development. These studies will inform a Landscape and Visual Impact Assessment (LVIA) which will form part of the Environmental Impact Assessment Report which will be submitted with the final planning application for Cloghercor Wind Farm.

Landscape Impacts consider:

- The 'landscape' as a resource in its own right
- The physical effects of the wind energy development on landscape features and/or land cover
- Effects on landscape character

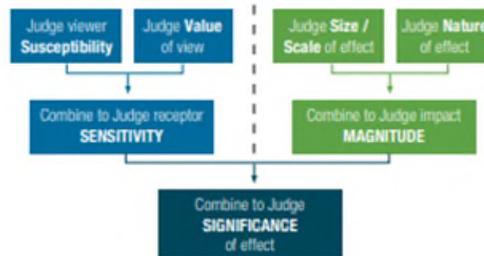
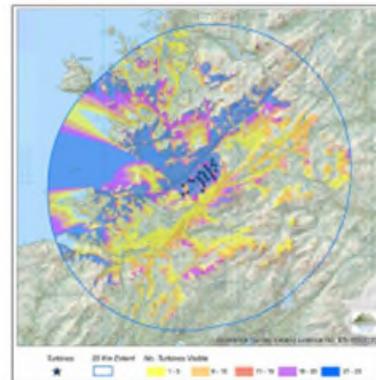
Wind farms have a stronger potential to influence landscape character than physical landscape fabric.

Visual Impacts take assessment of:

- Visual receptors such as people and groups of people in a range of viewing scenarios, which can influence their sensitivity to visual change (for example, hill walkers vs motorway commuters)
- Visual change that may occur as a result of 'visual obstruction' (e.g. blocking of a view), but in the case of wind farms, it typically relates to visual intrusion (i.e. the addition of new elements within a view)
- Impacts relate only to visual change and how this might affect 'visual amenity' or the values associated with a particular view

WHERE WILL THE PROPOSED WIND FARM BE VISIBLE FROM?

Computer-generated Zone of Theoretical Visibility (ZTV) maps are used to determine where the proposed turbines may be visible from in a 'bare-ground' scenario (i.e. without accounting for screening by vegetation, embankments and/or buildings, for example). ZTV maps also aid in the selection of representative viewpoints, which are used as the basis of the Visual Impact Assessment.



CÚRSAÍ TÍRDHREACHA AGUS FÍSIÚLA

Tá staidéir mhionsonraithe ar siúl i láthair na huairé ar an tionchar tírdhreacha agus an tionchar físiúil a bheadh ag an fhorbraíocht feirme gaoithe atá beartaithe. Leis na staidéir sin, cuirfear eolas ar fáil fá choinne Measúnacht ar Thionchar Tírdhreacha agus Físiúil a bheas mar pháirt den Tuarascáil Mheasúnachta Tionchair Timpeallachta a chuirfear isteach leis an iarratas deiridh pleanála d'Fheirm Ghaoithe an Chlochair Chorr.

San Tionchair ar an Tírdhreach, cuirfear ar na áireamh:

- An 'tírdhreach' mar aomhainn as féin
- Éifeachtaí fisiceacha na forbraíochta fuinnimh gaoithe ar ghnéithe tírdhreacha agus/nó ar chumhdach talún
- Éifeachtaí ar shaintréithe an tírdhreacha

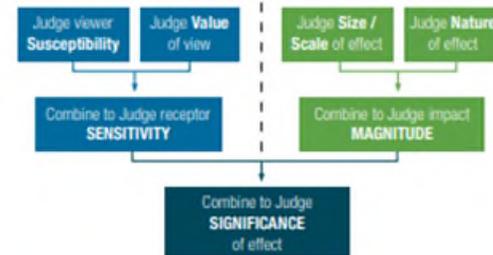
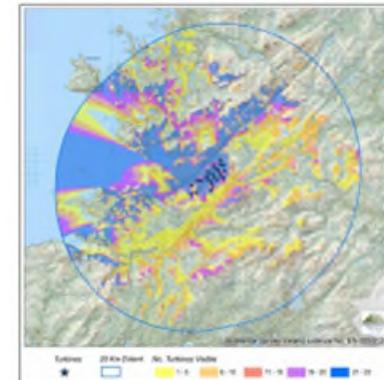
Tá níos mó seans ann go n-imreoidh feirmeacha gaoithe tionchar ar shaintréithe an tírdhreacha ná ar chreatlach an tírdhreacha go fisiceach.

I gcás Tionchair Físiúla, déantar measúnacht orthu seo:

- Gabhdóirí físiúla ar nós daoine agus grúpaí daoine i meascán cásanna amhairc, cásanna a dtig leo tionchar a imirt ar a mhéad a thugann na daoine athrú físiúil fá deara (mar shampla, siúlóirí sléibhe i gcoinne comaitéirí ar mhótarbhealach)
- Thig athrú físiúil a bheith ann de bharr 'bac físiúil' (e.g. radharc a bheith bacadh), ach i gcás feirmeacha gaoithe, cur isteach físiúil a bios ann de ghnáth (i.e. gnéithe nua a chuirfear isteach i radharc)
- Ní bhainann tionchair ach le hathrú físiúil agus cad é mar a thiodfadh leis seo tionchar a imirt ar an 'taibneamhacht físiúil' nó ar na luachanna a bhainann le radharc ar leith

CÁ HÁIT A MBEIFEAR ÁBALTA AN FHEIRM GHAOITHE ATÁ BEARTAITHE A FHEICEÁIL?

Úsáidtear léarscáileanna a ghineann ríomhaire a dtugtar Crios Léargais Theoiriciúil orthu le sonrú cá háit a mbeifear ábalta na turbiní atá beartaithe a fheiceáil, b'fhéidir, i gcás talamh lom (i.e. gan clúdach ó fhásra, clailloir agus/nó foirgnimh, mar shampla, a chur san áireamh). Tá léarscáileanna Creasa Léargais Theoiriciúil ina gcuidiú fosta le hionsaí amhairc shamplacha a roghnú, a úsáidtear mar bhonn don Mheasúnacht Tionchair Físiúil.



LANDSCAPE AND VISUAL

WHAT WILL A WIND FARM LOOK LIKE?

Wireframe images illustrate the manner in which the turbines will appear from particular viewpoints in a 'bare-ground' scenario. These are quick to prepare and aid the wind farm design process. Not only do they indicate the degree of turbine visibility, they also reveal the aesthetic attributes of the scheme, such as profile, spacing and overlapping etc.

Once the design becomes more refined, photo-realistic 'photomontages' are prepared from each of the representative viewpoint locations.

For the proposed Cloghercor Wind Farm, there will be approximately 30 receptor locations which will be used as the basis of the Visual Impact Assessment. The preparation of photomontages is governed by strict guidance that focusses on achieving a high degree of spatial accuracy (size/location) presented in a format that reflects real-world viewing conditions (size of image/specified viewing distance).

PLANNING POLICY CONTEXT

Chapter 7 – 'The Natural and Built Heritage' of the current Donegal County Development Plan incorporates landscape and visual policies and objectives, some of which are relevant to the proposed development. The landscape of County Donegal is categorised into '3 layers of value' which include 'Areas of Especially High Scenic Amenity (EHSA)', 'Areas of High Scenic Amenity (HSA)' and 'Areas of Moderate Scenic Amenity (MSA)'.

Whilst the site of the proposed Cloghercor Wind Farm encompasses some EHSA designations, the majority of the site is comprised of lands located within the MSA designation, the lowest of three scenic amenity designations. The nearest protected view in relation to the site is located some 1.5km southwest of the site boundary at the N56 – Gweebarra Bridge.



Wireframe Image 1



Wireframe Image 2



Scenic amenity designations and protected views (Donegal County Development Plan) within the study area

CÚRSAÍ TÍRDHREACHA AGUS FÍSIÚLA

CAD É AN CHUMA A BHEAS AR FHEIRM GHAOITHE?

Léiríonn íomhánna sreangshablacha cad é an chuma a bheas ar na turbíní ó ionaid amhairc ar leith i gcás 'talamh lom'. Is féidir iad sin a uilmhú go gasta agus tá siad ina goidiú i bpróiseas deartha feirmeacha gaoithe. Cúireann siad in iúl chomh feiceálach is a bheas turbín agus, lena chois sin, léiríonn siad gnéithe aeistéitice na scéime, próifil, spásáil agus forlár etc., cuir i gcás.

Nuair a éiríonn an dearadh níos beachte, déantar 'fótamontáisi' atá chomh réalaíoch le griangraf a uilmhú ó shuíomhanna na n-ionad samplach amhairc ar fad.

I gcás na Feirme Gaoithe atá beartaithe don Chlochar Chorr, beidh thart ar 30 suíomh gabhdóra ann a úsáidtear mar bhonn faoin Mheasúnacht Tionchair Fhísiúil. Tá treoir dhian ann a dhéanann uilmhúchán fótamontáisi a rialú, ina ndírítear isteach ar cuid mhór cruineas spásúil (méid/suíomh) a bhaint amach a chuirtear i láthair i bhformáid atá ag teacht le coinníollacha amhairc san fhiorshaol (méid na hionmhá/an t-achar amhairc a shonraítear). conditions (size of image/specified viewing distance).

COMHTHÉACS AN BHEARTAIS PLEANÁLA

I gCaibidil 7 – 'An Oidhreacht Nádirtha agus Thógtha' de Phlean Forbartha Contae reatha Dhún na nGall, cuirtear san áireamh beartais agus cuspóirí tírdhreacha agus físiúla, agus tá cuid acu sin a bhaineann leis an fhorbraíocht atá beartaithe. Tá tírdhreach Contae Dhún na nGall á chatagóiriú mar '3 shraith luacha', ina measc 'Limistéar Sárscoimhe (EHSA)', 'Limistéar Ardscoimhe (HSA)' agus 'Limistéar Meánsoimhe (MSA)'.

Cé go bhfuil cuid den láithreán ar a mbeadh Feirm Ghaoithe bheartaithe an Chlochar Chorr sonraíte mar EHSA, is iad tailte atá ainmnithe mar MSA, an sonrú is ísle de na trí shonnú scoimhe, atá i gceist leis an chuid is mó den láithreán. Tá an radharc cosanta is gaire, i dtaca leis an láithreán de, suite thart ar 1.5km siar ó dheas ó theoráinn an láithreáin ag Droichead Ghaoth Beara – an N56.



Íomhá Sreangfhíma 1



Íomhá Sreangfhíma 1



Sonríocháin mar limistéar ardscoimhe agus radharc cosanta (Plan Forbartha Contae Dhún na nGall) taobh istigh de limistéar an staidéir

NOISE AND SHADOW FLICKER

SHADOW FLICKER

Wind turbines can cast long shadows when the sun is low in the sky. 'Shadow flicker' is an effect that occurs when the rotating blades of a wind turbine cast a moving shadow over a building. The effect is experienced indoors where a moving shadow passes over a window in a nearby property and results in a rapid change or flicker in the incoming sunlight. For the vast majority of the time at any given property, shadow flicker should not cause any issues from any given turbine.

The occurrence of shadow flicker impacts is determined by a number of criteria including:

- **The presence of screening:** Screening can occur from a variety of sources including vegetation, terrain, and buildings. If screening is present between the property and the wind turbine/sun, then shadow flicker would not occur at that property.
- **The orientation of the property:** The windows of the sensitive property must have windows that face the proposed turbines in order to be able to receive shadow flicker.
- **The distance of the property from turbines:** The potential effect of shadow flicker diminishes as distance from the turbine increases. An industry standard approach is to examine a distance of ten rotor diameters as a maximum limit within which significant shadow flicker effects can occur.
- **The presence of direct sunlight:** Cloud cover can remove the presence of direct sunlight so that it is diffused and does not cast a shadow. If direct sunlight is present, the turbine blades must be located in the direct path between the sun and the property.
- **The time of year and day:** The path of the sun varies over the seasons resulting in a changing potential for a shadow to be cast throughout the year. Similarly, the sun's position in the sky over the course of a day is changing such that the shadow cast by a turbine is constantly changing.

- **Wind speed:** In order for shadow flicker to occur, the turbine must be rotating. This requires a wind speed high enough to cause the turbine to turn on.
- **Direction of Wind:** The width of a shadow at any given property is dependent on the direction of the wind. This will be different on any given day at every property. The worst-case shadow occurs when the turbine faces directly towards or away from a property, while minimum flicker occurs when it faces perpendicular to the property.
- **The presence of people:** If the property is empty at the time of a shadow flicker event, then it would not cause a nuisance.

The analysis will be undertaken using a leading industry software package for carrying out shadow flicker simulations. This specialist modelling software package accounts for the layout of turbines and the turbine specifications, as well as the topography of the area, path of the sun throughout the day/year, and details of each sensitive receptor (property). The worst-case scenario is always used in the computer model and accordingly the longest potential shadow length is calculated.

The current guidelines (2006 Wind Energy Development Guidelines) recommend an acceptable limit for shadow flicker as a maximum of 30 hours per year or 30 minutes per day at any one property. However, in the interests of developing best practice, we are committed to minimising any adverse effects from the proposed development on the local community and are committing to ensuring **zero shadow flicker** at the sensitive receptors identified.

TORANN AGUS CAOCHAÍL SCÁILEANNA

CAOCHAÍL SCÁILEANNA

Thig le turbíne gaoithe scáileanna fada a chaitheamh nuair atá an ghrian go hiseal sa spéir. Eifeacht atá i gceist leis 'an caochail scáileanna' a tharlaíonn nuair a dhéanann lanna rothlathé turbín gaoithe scáil, atá ag bogadh, a chaitheamh ar fhuinneamh. Tá an éifeacht le brath taobh istigh. Imíonn scáil, atá ag bogadh, thar fhuinneog i maoín atá cóngarach. Bíonn athrú sciobtha nó caochail ann sa tsolas ón ghrian atá ag teacht isteach. Den chuid is mó den am in aon mhaoin ar leith, níor chóir don caochail scáileanna a bheith mar chúis le haon fhadhbanna ó aon turbín ar leith.

Tá critéir éagsúla ann a shocraíonn an imreoidh an caochail scáileanna tionchar ar chúrsaí, na cinn seo san áireamh:

- **Clúdach a bheith ann:** Féadfaidh clúdach a bheith ann mar gheall ar éagsúlacht foinsí, fársa, tír-raon agus fuinnimh san áireamh. Má bhíonn clúdach ann idir an mhaoin agus an turbín gaoithe/grian, ní bheadh caochail scáileanna ann ag an mhaoin sin.
- **Treoshuíomh na maoine:** Caitheadh fuinneoga a bheith ar an mhaoin íogair a thugann aghaidh ar an turbín atá beartaíte má tá siad a dhul a bheith faoi réir caochail scáileanna.
- **Fad na maoine ó na turbíne:** Éiríonn an éifeacht a d'fhéadfadh a bheith ann ón caochail scáileanna níos lú de réir mar a imíonn tú níos faide ar shiúl ón turbín. Cur chuige caighdeánach atá ann sa tionscal ná glacadh le fad arb ionann é agus deich dtrastomhas rótar mar uasteorainn ar féidir éifeachtaí caochail scáileanna a bheith ann.
- **Solas díreach na gréine:** Féadfaidh clúdach scamall solas díreach na gréine a bhaint amach as an láthair na dóigh is go ndéantar é a leathadh agus nach gcaitheann sé scáth. Má bhíonn solas díreach na gréine ann, caitheamh lanna na dturbíne a bheith suite go díreach idir an ghrian agus an mhaoin.
- **An t-am den bhliain agus den lá:** Athraíonn bealach na gréine le linn na séasúir agus, mar sin, beidh tosca ag athrú maidir lena gcaitheamh scáth i gcaitheamh na bliana. Ar an dóigh chéanna, tá suíomh na gréine sa spéir ag athrú i gcaitheamh an lae sa dóigh is go mbíonn an scáil a chaitheamh turbín ag síorathrú.

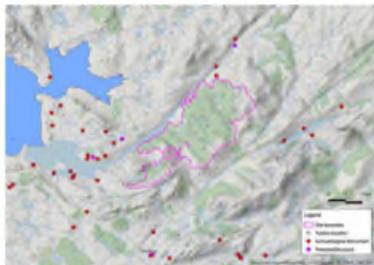
- **Luas gaoithe:** Má tá caochail scáileanna le bheith ann, caitheadh an turbín a bheith ag rothlú. Caitheamh luas gaoithe ard go leor a bheith ann leis sin a dhéanamh go dtosódh an turbín ag feidhmiú.
- **Treo na Gaoithe:** Beidh leithead scáile ag maoín ar bith ag brath ar threo na gaoithe. Beidh éagsúlacht ag baint leis sin ar lá ar bith ag gach aon mhaoin. Bíonn an scáil is measa i gceist nuair atá turbín ag tabhairt aghaidh i dtreo maoine nó sa treo eile ar fad. Bíonn an caochail is lú ann nuair atá turbín ag tabhairt aghaidh sa treo atá ingearach leis an mhaoin.
- **Daoine a bheith ann:** Má bhíonn an mhaoin folamh nuair atá caochail scáileanna ann, ní chuirfeadh sin isteach ar aon duine.

Úsáidfead pacáiste bogearraí atá chun tosaigh sa tionscal fá choime ionsamhlúcháin caochail scáileanna a dhéanamh leis an analís a chur i gcrích. Sa phacáiste speisialtaíthe samhaltaithe bogearraí seo, cuirtear san áireamh keagan amach turbíne agus sonraíochtaí na dturbíne, mar aon le toipeolaíocht an cheantair, bealach na gréine i rith an lae/na bliana agus míonsonraí a bhaineann le gach gabhdóir íogair (maoin). Úsáidtear an cás is measa i dtámh sa tsamhlú ar ríomhaire agus, dá réir sin, déantar an fad scáile is faide dá dtiocadh a bheith ann a ríomh.

Sna treoirínte is deireanaí (Treoirínte Forbraíochtaí Fuinnimh Gaoithe 2006), molar 30 uair an chloig in aghaidh na bliana nó 30 nóiméad in aghaidh an lae ag aon mhaoin ar leith mar theorainn inghlactha fá choime caochail scáileanna. Bíodh sin mar atá, b'fhearr linn an dea-chleachtas is fearr a chofhú, agus mar sin tá muid tionscail ó thaobh drochéifeachtaí ar bith ón fhorbraíocht bheartaithe a chuirfeadh isteach ar an phobal áitiúil a choinneáil ag an leibhéal is ísle. Tá muid tionscail i dtaca le **caochail scáileanna ar neamhni** a chinntiú ag na gabhdóirí íogair a aithneofar.

CULTURAL HERITAGE

The cultural heritage study assesses the potential effects of the proposed Cloghercor wind farm on archaeological, architectural and cultural heritage. This will inform the project's design and construction in order to avoid or minimise any direct and indirect impacts including impacts on the setting of cultural heritage sites.



Map of heritage in surroundings

Background research, GIS analysis and field survey were carried out to gain an in-depth understanding of recorded cultural heritage and the potential for unrecorded sites. The initial assessment reviewed archaeological and architectural sites listed on the Record of Monuments and Places (RMP) and Donegal County Council's Record of Protected Structures (RPS) and other statutory and non-statutory lists. Field survey was carried out to inspect the proposed wind farm site and its surroundings; further fieldwork will be undertaken as the project design advances.

Several archaeological sites have been recorded along the Gweebarra River valley and the surrounding area, concentrated on lower valley slopes, coastal, lake and riverside locations. The initial review identified more than 70 recorded archaeological monuments within 10km of the proposed wind farm. These include prehistoric tombs, early medieval raths and souterrains and ritual sites such as holy wells. Among the most prevalent site types are ringforts (cashels and raths), graveyards and burial grounds, mounds and megalithic tombs.



Megalithic structure

At the northwest of the proposed wind farm is a megalithic structure (DG058-005) which resembles a portal tomb such as those at Tuaim (DG065-005) 2km northwest of the proposed wind farm and Killooney dolmen (DG073-004) approximately 10km to the west. Other monuments in the near surroundings include a holy well and bullaun stone (DG058-002) on the west bank of the Gweebarra River. Further afield, on Inishkeel, is a medieval monastery founded by St Connell in the 6th century which is a National Monument (NM658, DG064-003).

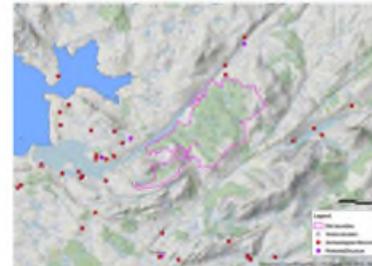


Inishkeel graveyard view to wind farm

Architectural sites in the surroundings of the proposed wind farm include Doocharry Bridge (RPS 40905802), St Bridget's Catholic Church in Lettermacaward (RPS 40906501) and Lettermacaward Parish Church (RPS 40906502). There are no Protected Structures within the proposed wind farm site, however, there are a number of historic buildings including

AN OIDHREACTH CHULTÚRTHA

Sa staidéar ar an oidhreacth chultúrtha, déantar feirm ghaoithe bheartaithe an Chlochair Chorr a mheasú nó i dtaca leis na héifeachtaí a d'fhéadfadh a bheith ar an oidhreacth seandálaíochta, ailtreachta agus chultúrtha. Leis sin, cuirfear eolas ar fáil fa' choine d'hearadh agus thógáil an tionscadail sa dóigh is go ndéanfar tionchar díreach nó indíreach ar bith a sheachaint nó a laghdú a mhéad agus is féidir, tionchar ar shuíomhanna oidhreachta cultúrtha san áireamh.



Léarscáil de na suíomhanna seandálaíochta (RMP) agus ailtreachta (RPS) a tafaeadh sa cheantar thart ar an fheirm ghaoithe atá bheartaithe (sannpháirtithe Openstreetmap, EU-DEM agus an Roinn Tibíochta, Raltais Áitiúil agus Oidhreachta)

Tugadh faoi thaighde sa chóir, anailís córais faisnéise geografai agus suirbhé allamuigh le tuigheáil dhomhain a fháil ar an oidhreacth chultúrtha atá tafaeadh agus le fáil amach an mbeadh suíomhanna ar bith ann nár tafaeadh. Sa mheasú nó tosaigh, rinneadh athbhreithniú ar shuíomhanna seandálaíochta agus ailtreachta atá le fáil sa Tafaeadh Séadchomharthaí agus Áiteanna agus sa Tafaeadh ar Dhéanmhais Chosanta atá ag Comhairle Contae Dhún na nGall, chomh maith le liostaí eile idir liostaí reachtúla agus neamhreachtúla. Tugadh faoi shuirbhé allamuigh leis an láithreán den fheirm ghaoithe bheartaithe agus an ceantar máguaird a inluchadh; tabharfar faoina thuilleadh den obair allamuigh de réir mar a dhéantar dul chun cinn.

Táthar i ndiaidh domán suíomhanna seandálaíochta a thafaeadh taobh le gleann Ghaioth Beara agus an ceantar máguaird, iad díreach ar áiteanna cois farraige, cois locha agus cois abhainn, chomh maith le fánaí in iochtar gleannta. San athbhreithniú tosaigh a rinneadh, aithníodh corradh le 70 séadchomhartha seandálaíochta a tafaeadh taobh istigh de 10km den fheirm ghaoithe atá bheartaithe. Ina measc siúd tá

tuamaí réamhstairiúla, ráthanna agus uaimheanna talún ó go luath sna meánaoiseanna agus suíomhanna deasghnáth, dála toibreacha naofa. Ar na cineálacha is coitianta suíomhanna atá ann tá líosanna (caisil agus ráthanna), reiligi agus úirlachais, dumhaí agus tuamaí meiliteacha.



Struchtúr meiliteach (DG058-005) i mbaile fearainn Chlochair an Chuilinn

Ar an taobh thiar thuaidh den fheirm ghaoithe atá bheartaithe, tá struchtúr meiliteach (DG058-005) a chosúil le tuama ursanach mar atá i dTuaim (DG065-005), 2km ar an taobh thiar thuaidh den fheirm ghaoithe atá bheartaithe, agus dolmain Chill Chuanadh (DG073-004), atá thart ar 10km ar an taobh thiar den láithreán. I measc na séadchomharthaí eile atá sa dúiche mórtimpeall tá tobar naofa agus ballán (DG058-002) ar an bhruach thiar d'Abhainn Ghaioth Beara. Níos faide ar shíúil, ar Iris Caol, tá mhainistir mheánaoiseach a bhunaigh Naomh Conall sa 6ú haois. Séadchomhartha Náisiúnta atá sa mhainistir (NM658, DG064-003).



Leac chroise shroille mheánaoiseach sa reilig ar Iris Caol (NM658, DG064-003)

CULTURAL HERITAGE

ruined clachans, isolated cottages and barns and features such as wells, bridges and drystone walls. On the east bank of the Gweebarra River is a former ferry crossing which provided passage over the wide river before construction of the bridge at Lettermacaward and may be the same place mentioned in documents of the early 17th century; a building beside the jetty marked 'Ferry House' on historic maps is still partially standing. These vernacular heritage features have been recorded and will be avoided by the proposed development.



Clachan in Cloghercor

As the assessment proceeds, mitigation measures will be developed to ensure the identification, protection and recording of cultural heritage that may be impacted by the proposed wind farm. These measures may include archaeological testing and monitoring to identify previously unrecorded sites and management to minimise direct and indirect impacts on recorded and unrecorded cultural heritage.

AN OIÐHREACTH CHULTÚRTHA

Ar na suíomhanna ailtireachta atá sa cheantar thart ar an fheirm ghaoithe atá beartaithe, tá Droichead na Dúchoradh (RPS 40905802), Teach Pobail Bhríde i Leitir Mhíic an Bhaird (RPS 40906501) agus Eaglais Pharóiste Leitir Mhíic an Bhaird (RPS 40906502). Níl Struchtúir Chosanta ar bith ann taobh istigh de láithreán na feirme ghaoithe atá beartaithe. Sin ráite, tá domán fuinnimh stairiúla, teachíní agus sciobóil thréigthe ina measc, chomh maith le gnéithe amháil toibreacha, droichid agus ballaí cloiche síngle. Ar an bhruach thoir d'Abhainn Ghaoith Beara, tá trasnú farantóireachta nach n-úsáidtear a thuilleadh a d'fhág go rabhtas in ann an abhainn leathan a thrasnú sular tógadh an droichead i Leitir Mhíic an Bhaird. Tá seans ann gurb ionann an áit sin agus an áit a luaithe i ndoiciméid ó luath sa 17ú haois; tá foirgneamh go fóill ina sheasamh i bpáirt in aice leis an lamairne, a dtugtar 'Teach an Chalaich' air sna léarscáileanna stairiúla. Tá tailfeadh déanta de na gnéithe dúchasacha oidhreachta seo agus déanfar iad a sheachaint san fhorbraíocht atá beartaithe.



Ballóga Clachain in oirthear bhailte feirmin an Chlochair Chorr

I dtaca leis an oidhreacht chultúrtha sin a dtiocfadh leis an fheirm ghaoithe atá beartaithe baint de, déanfar bearta maolaithe a fhorbairt sa dóigh is go dtig an oidhreacht sin a aithint, a chosaint agus a thailfeadh de réir mar a théann an measúnú ar aghaidh. Ar na bearta sin, b'fhéidir go gcuirfí san áireamh tástáil agus monatóireacht seandálaíochta le suíomhanna nár tailfeadh roimhe a aithint agus bainistíocht sa dóigh is nach gcuirtear isteach ar an oidhreacht a tailfeadh is nár tailfeadh a laghad agus is féidir.

June 2021 - Design Iteration 1 - Site Map

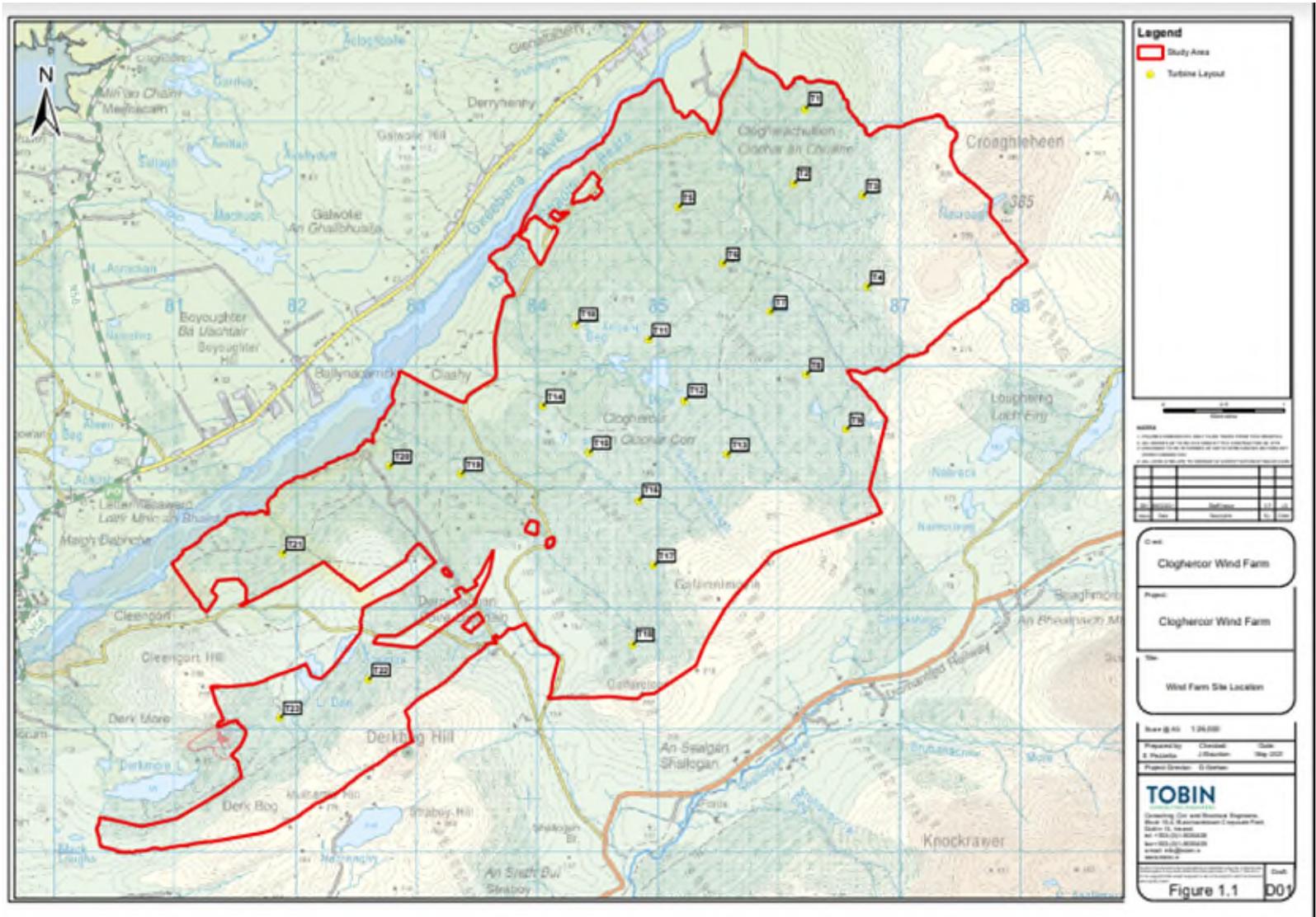


Figure 1.1 D01

June 2021 - Design Iteration 1 feedback form

Cloghercor Wind Farm Virtual Exhibition Feedback form



Your feedback is vital to our approach to the Cloghercor Wind Farm project.
We invite you to share your views on our initial proposal.

What are your reasons for attending this session?

Local resident Interested in renewable energy Other

Please give details

Have you found this information useful? Yes No Don't Know

Please give details

Do you support the Cloghercor Wind Farm project? Yes No Don't Know

Please give details

If you wish to contact us to discuss the project directly, please contact us:

Email: info@cloghercorwindfarm.com Phone: (021) 422 3677 www.cloghercorwindfarm.com

Cloghercor Wind Farm Virtual Exhibition Feedback form



Do you support renewable energy? Yes No Don't Know

Please give details

If approved, Cloghercor Wind Farm will bring a significant community benefit fund.
Are there any local priorities and projects that you would like to see supported?

Please give details

Do you have any further comments in relation to the Cloghercor Wind Farm project? Yes No

Please give details

Do you wish to be kept informed directly of project updates? Yes No

If yes, please provide your contact details which we will store in full compliance with GDPR.

Name:

Email:

Address:

If you wish to contact us to discuss the project directly, please contact us:

Email: info@cloghercorwindfarm.com Phone: (021) 422 3677 www.cloghercorwindfarm.com

Taispeántas Fíorúil
Fheirm Ghaoithe an Chlochair Chorr
Foirm aiseolais



Tá sé thar a bheith tábhachtach dúinn aiseolas a fháil uait a dhéanfaidh an cur chuige atá againn i dtaca le tionscadal Fheirm Ghaoithe an Chlochair Chorr de a threorú. Tá muid ag tabhairt cuireadh duit na barúlacha atá agat fán chéad togra seo againne a chur in iúl.

Cad chuige ar fhreastail tú ar an tseisiún seo?

Duine de bhunadh na háite mé Suim agam san fhuinneamh in-athnuaite Eile

Tuilleadh le rá?

Ar shíl tú go raibh an t-eolas seo úsáideach? Shíl Níor shíl Níl a fhios agam

Tuilleadh le rá?

An bhfuil tú ag tabhairt tacaíocht do thionscadal Fheirm Ghaoithe an Chlochair Chorr?

Tá Níl Níl a fhios agam

Tuilleadh le rá?

Más mian leat teagmháil a dhéanamh linn leis an tionscadal a phlé linn go díreach, déan teagmháil linn:
Ríomhphost: info@cloghercorwindfarm.com Fón: (021) 422 3677 www.cloghercorwindfarm.com

Taispeántas Fíorúil
Fheirm Ghaoithe an Chlochair Chorr
Foirm aiseolais



An dtacaíonn tú leis an fhuinneamh in-athnuaite? Tacaíonn Ní thacaíonn Níl a fhios agam

Tuilleadh le rá?

Má thugtar ceadú don tionscadal, beidh ciste suntasach chun leasa an phobail ann. An bhfuil tionscail ar bith nó a dhath ar bith go háitiúil ar mhaith leat go dtabharfar tús áite daofa?

Tuilleadh le rá?

An bhfuil rud ar bith eile ann atá tú ag iarraidh a chur in iúl fá dtaobh de thionscadal Fheirm Ghaoithe an Chlochair Chorr? Tá Níl

Tuilleadh le rá?

An bhfuil tú ag iarraidh go gcoinneoidh muid ar an eolas tú fá nuashonruithe ar an tionscadal? Tá Níl

Má tá, tabhair dúinn do chuid sonraí teagmhála, le do thoil, agus déanfaidh muidne iad a stóráil ar bhealach a bheas ag teacht leis an RCGS.

Ainm:

Ríomhphost:

Seoladh:

Más mian leat teagmháil a dhéanamh linn leis an tionscadal a phlé linn go díreach, déan teagmháil linn:
Ríomhphost: info@cloghercorwindfarm.com Fón: (021) 422 3677 www.cloghercorwindfarm.com

June 2022 - Design Iteration 2 information panels

WELCOME

Thank you for visiting this consultation for Cloghercor Wind Farm. We hope that you find it useful. Our team would be pleased to discuss the project and any questions that you may have.

We would be grateful if you could submit your feedback after viewing the resources. Your feedback is hugely valuable to our approach to the project.

Since 2019, we have been undertaking detailed ecological and feasibility studies across the townlands of Clogherchullion and Cloghercor for a potential wind energy project.

We introduced our initial design to the community in July 2021. Since that time, we have refined the proposal based on community feedback and the findings of our ongoing on-site studies.

We are now presenting a proposal for a smaller development, comprising **21 turbines** of up to 200m in height.

You can find more information on the outcome of these studies and how they have influenced our design proposal throughout the exhibition materials.



Some Wind Farm, County Donegal

WHY WIND ENERGY?

The impacts of climate change are widely recognised as being one of the greatest global economic, environmental and social challenges facing the world today. Electricity and heat generated by fossil fuels are among the biggest polluters to our atmosphere.

The Government of Ireland's Climate Action Plan 2021 which has set stretching ambitions to:

- Reduce emissions of greenhouse gases by an average of 7% each year from 2021-2030 - a reduction of 51% over the decade
- Meet 80% of electricity demand from renewables by 2030
- To increase onshore wind energy to approximately 8GW by 2030.

The need for low carbon energy supplies has never been more paramount if Ireland is to achieve these targets. Onshore wind is one of the cheapest forms of electricity and will therefore be vital to reaching Ireland's renewable energy and climate change goals.

Cloghercor Wind Farm will:

- Generate electricity from a renewable source of energy - offsetting the need for combustion of fossil fuels
- Assist in Ireland's mission to decarbonise our electricity, heat and transport systems
- Meet local and national energy demand
- Contribute to the regional and Irish economy.

FÁILTE

Go raibh maith agat as cuairt a thabhairt ar an chomhairliúchán seo d'Fheirm Ghaoithe an Chlochair Chorr. Tá súil againn go mbeidh sé úsáideach agat. Bheadh ár bhfoireann breá sásta an tionscadal a phlé agus freagra a thabhairt ar cheist ar bith a bheadh agat.

Bheimis buíoch dá dtiocfadh leat do chuid aiseolas a chur faoinár mbráid i ndiaidh duit amharc ar na hacmhainní. Tá do chuid aiseolais fíorluachmhar dúinn agus muid ag tabhairt faoin tionscadal.

Ó bhí 2019 ann, tá muid i ndiaidh tabhairt faoi staidéir mhionsonraithe éiceolaíochta agus indántachta sna bailte fearainn Clochar an Chuilinn agus an Clochar Corr fá choinne tionscadal fuinnimh ghaoithe a d'fhéadfadh a bheith ann.

Chuir muid ár ndearadh tosaigh i láthair don phobal i Mí Iúil 2021. Ón am sin i leith, tá an tógra beachtálthe againn bunaithe ar aiseolas ón phobal agus ar chinneadh ár staidéir ar an láthair, atá ag dul ar aghaidh.

Anois tá muid ag cur togra i láthair le haghaidh forbartha níos lú, a chuirfimid **21 thuirbín** de suas le 200m ar airde.

Thig leat teacht ar thuilleadh eolais in ábhar an taispeántais fá thoradh na staidéir sin agus fán tionchar atá imeartha ag na staidéir ar an tógra deartha.



Feirm Ghaoithe an Chlochair Chorr, Contae Dhúnaí

CAD CHUIGE AN FUINNEAMH GAOITHE?

Aithnítear na torthaí a bhaineann leis an athrú aeráide ar cheann de na dúshláin dhomhanda is mó atá roimh an tsaol sa lá atá inniu ann, idir dúshláin eacnamaíochta, chomhshaoil agus sochail. Tá an leictreachas agus an teas a ghintear ó bhreoslaí iontaise i measc na n-údar is mó truaillithe san atmaisféar seo againne.

Plean Gníomhaíochta Aeráide Rialtas na hÉireann 2021 a bhfuil spriocanna dúshlánacha leagtha síos aige le:

- Astaíochtaí ó gháis ceaptha teasa a laghdú 7% ar an mhéid gach bliain idir 2021-2030 – laghdú 51% sa tréimhse deich mbliana.
- Leas a bhaint as foinsí in-athnuaite fuinnimh le 80% den éileamh ar leictreachas a shásamh faoi 2030.
- Fuinneamh ghaoithe ar talamh a mhéadú suas chuig thart ar 8GW faoi 2030.

Is tábhachtaí anois ná riamh an gá atá le soláthairtí fuinnimh isesicharbóin má tá Éire leis na spriocanna sin a bhaint amach. Tá an fuinneamh ghaoithe ar talamh ar cheann de na foirmeacha is saoire leictreachais atá ann agus, mar sin de, beidh tábhacht faoi leith ag baint leis le spriocanna na hÉireann ó thaobh fuinnimh inathnuaite agus athrú aeráide de a bhaint amach.

Le Feirm Ghaoithe an Chlochair Chorr, beifear ábalta:

- Leictreachas a ghiniúint ó fhoinsí in-athnuaite fuinnimh – a dhéanfaidh cúlteamh ar an ghá le breoslaí iontaise a dhó
- Cuidiú le cuspóir na hÉireann ar gcórais leictreachais, teasa agus iompair a dhícharbóin
- An t-éileamh áitiúil agus náisiúnta ar fuinneamh a shásamh
- Cur leis an gheilleagar réigiúnach agus le geilleagar na hÉireann.

MEET THE TEAM

Cloghercor Wind Farm is a 50:50 co-development project between Ørsted and FuturEnergy Ireland.

Ørsted develops, constructs, and operates offshore and onshore wind farms, solar farms, energy storage facilities, and bioenergy plants, and provides energy products to its customers. In Ireland, Ørsted owns and operates a portfolio of onshore wind farms with a combined capacity of more than 300 MW. Our ambition is to increase this by more than 600 MW in the coming decade.



FuturEnergy Ireland is a new joint venture company owned on a 50:50 basis by Coillte and ESB that is actively looking to drive Ireland's transition to a low carbon economy. The company's ambition is to develop more than 1GW of renewable energy capacity by 2030 and make a significant contribution to Ireland's commitment to produce 80% of electricity from renewable sources by the end of the decade.



SPECIALIST CONSULTANTS

TOBIN has an experienced and enthusiastic team of Planners, Environmental Scientists and Engineers, and considerable depth of in-house specialist personnel, to undertake an extensive range of projects. Our areas of expertise are underpinned by the principles of sustainability, reducing carbon footprint, managing resource use, protecting biodiversity and improving quality of life with a focus on stakeholder involvement from the outset.

TOBIN is an innovative consultancy firm, covering all sectors of the energy and environment market. We have significant experience and involvement in policy, regulation and standards development, at a national level, and can advise our clients on all stages of a project's lifecycle from project management, development design, assessment, planning and construction through to operation.



James Dineen is Ørsted's Project Manager for the proposed Cloghercor Wind Farm project. James brings extensive experience in renewable energy development having worked in the sector for over 10 years.

James Dineen
Project Manager, Ørsted



Emer Campbell has over 20 years' experience delivering environmental programmes and projects in Australia and Ireland. She has a background in environmental science and is passionate about delivering projects that benefit local communities and help to meet Ireland's climate targets.

Emer Campbell
Project Manager, FuturEnergy Ireland



Sean Doherty is the Community Liaison Officer for the proposed Cloghercor Wind Farm project. A resident native of Donegal, Sean is an experienced forestry manager and was involved in the planting of the Cloghercor forest site.

Sean Doherty
Community Liaison Officer



John is a Community Liaison Officer for the proposed Cloghercor Wind Farm. He is a dual-language speaker, and is happy to communicate with members of the community as Gaelige.

John Boyle
Community Liaison Officer

CUIR AITHNE AR AN FHOIREANN

Tionscadal comhfhorbairtha 50:50 idir Ørsted agus FuturEnergy Éire atá i gceist le Feirm Ghaoithe an Chlochair Chorr.

Forbraíonn, tógann agus feidhmíonn Ørsted feirmeacha gaoithe amach ón chósta agus ar talamh, feirmeacha gréine, áiseanna stóráta fuinnimh, agus géaraí bhithfuinnimh, agus soláthraíonn sé táirgí fuinnimh dá chuid custaiméirí. In Éirinn, tá seibh ag Ørsted ar réimse d'fheirmeacha gaoithe ar talamh a fheidhmíonn sé, agus acmhainn iomláin acu de bhreis is 300 MW. Tá sé de rún againn an figiúr sin a mhéadú faoi bhreis is 600 MW sna deich mbliana atá amach romhainn.



Is comhlacht nua comhfhiontair é FuturEnergy Éire atá i seibh Chóilte agus ESB, ar bhonn 50:50, agus é mar aidhm ghníomhach aige aistriú na hÉireann chuig gailteagar ísleachtarbháin a spreagadh. Tá sé de rún ag an comhlacht breis is 1GW d'acmhainn fuinnimh inathnuaite a fhorbairt faoi 2030 agus bheith ag cur go suntasach le comhlíonadh na hÉireann chun 80% dá cuid leictreachais a tháirgeadh ó thoinsí inathnuaite faoi cheann ocht mbliana.



SAINCHOMHAIRLEOIRÍ

Tá foireann dhiograiseach ag TOBIN, agus an-taithí ag muinntir na foirme, ar a bhfuil Pleanálaithe, Eolaithe Comhshaoil is Innealtóirí agus, anuas air sin, pearsanra saineolach leathan imhédhach, le tabhairt faoi réimse leathan tionscadal. Tá na príonsabail seo a leanas mar bhonn faoi na réimsí saineolais atá againn: an inbhuanaitheacht, lorg carbóin a laghdú, úsáid acmhainní a bhainistiú, an bhithéagsúlacht a chosaint agus an caighdeán maireachtála a fheabhsú. Dirítear ar rannpháirtíocht páirte leasmhara ón tús.

Is é James Dineen Bainisteoir Tionscadail Ørsted ar thionscadal beartaíthe Fheirm Ghaoithe an Chlochair Chorr. Tá an-taithí ag James i bhforbairt an fhuinnimh in-athnuaite as siocair go bhfuil sé ag obair san earnáil le breis agus 10 mbliana.

James Dineen
Bainisteoir Tionscadal, Ørsted

Tá taithí bhreis is 20 bliain ag Emer Campbell de bheith ag seachadadh clár agus tionscadal comhshaoil san Astráil agus in Éirinn. Tá cúlra aici in eolaíocht an chomhshaoil agus tá sí páiseanta faoi bheith ag seachadadh tionscadal a théann le tairbhe phobal áitiúil agus a chuidíonn le freastal a dhéanamh ar spriocanna aeráide na hÉireann.

Emer Campbell
Bainisteoir Tionscadal, FuturEnergy Éire

Is é Sean Doherty an tOifigeach Teagmhála Pobail ar thionscadal beartaíthe Fheirm Ghaoithe an Chlochair Chorr. As Dún na nGall ó dhúchas é Sean, agus tá an-taithí aige mar bhainisteoir foraoiseachta. Bhí baint aige le láithreán foraoise an Chlochair Chorr a phlandú.

Sean Doherty
Oifigeach Teagmhála Pobail

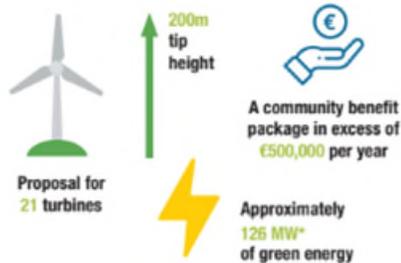
Is Oifigeach Idirghabhála Pobail é John don Fheirm Ghaoithe atá beartaíthe ar an Chlochair Chorr. Tá Gaelige aige, agus é breá sásta bheith ag caint leis an phobal i nGaeilge.

John Boyle
Oifigeach Idirghabhála Pobail

Gnólacht comhairlíocháin nuálach atá in TOBIN, a bhíonn ag pié le gach earnáil sa mhargadh fuinnimh agus comhshaoil. Tá taithí shuntasach againn i mbeartas, rialú agus caighdeán a fhorbairt, ar leibhéal náisiúnta, agus páirt glactha againn san fhorbairt sin. Thig linn comhairle a chur ar ár gciall ag gach céim de shaoiré tionscadail, bíodh sin bainistíocht tionscadail, dearadh na forbraíochta, measúnú, pleanáil, tógáil agus, sa deireadh, feidhmiú.

PROPOSAL FOR CLOGHERCOR WIND FARM

Having continued detailed environmental and ecological studies on-site since our initial design proposal in July 2021, we can now present a refined proposal and layout for the proposed Cloghercor Wind Farm, consisting of:



SITE LOCATION

The proposed wind farm site is located 2km south of Doochary in north-west County Donegal. The elevation of the site ranges from 50m above sea level in the north and west rising to 292m above sea level in the south of the site, with a peak of 146m in the centre of the site.

The Clochar an Chuilinn flows through the site as well as several small watercourses and all flow into the Gweebarra / Owenwee (Doochary) river adjacent to the site.

Two lakes, the Aneane More and Aneane Beg, are within the site boundary. Current land cover within the site (based on CORINE land cover maps and examination of aerial imagery) comprises predominantly of 'Coniferous Forest', with some small areas classified as 'Peat Bogs' or 'Transitional Woodland-Shrub'.

Within the wider landscape, peatland and commercial forestry comprises the primary land-uses in the area with some small areas of agricultural grassland also present. Access to the site is via a local access road which connects the site to the R252 to the northeast. The site can also be accessed via the southwest from the R250 and L6363.

THE DESIGN PROCESS

Our initial proposal has been informed by extensive studies conducted both on-site and off-site. In order to assess what parts of the site are potentially suitable for constructing turbines and other infrastructure, a number of key constraints have been identified, including:

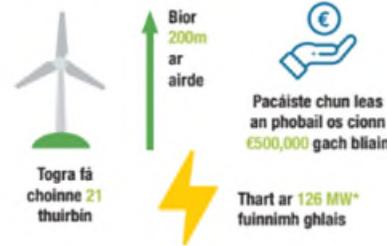
- International environmental and landscape designations (Special Areas of Conservation, Special Protection Areas, and areas of Especially High Scenic Amenity)
- Watercourses and lakes – ensuring a setback of 50m
- Dwelling houses – ensuring setback
- Archaeological monuments and featured monuments
- Infrastructure providing existing services, such as public roads and power lines.

Continued surveys will inform wider constraints including sensitive habitats which are not designated, and areas with significant slopes.

The initial site layout design has determined that the site should be suitable for 21 turbines. The exact number, siting and scheme layout for the turbines will be decided as part of the design and Environmental Impact Assessment process.

TOGRA FHEIRM GHAOITHE AN CHLOCHAIR CHORR

Agus muid i ndiaidh dul ar aghaidh le staidéar mionsonraithe comhshaoil agus éiceolaíoch ó rinne muid an togra tosaigh deartha i Mí Iúil 2021, anois thig linn togra agus leagan amach beachtaithe a chur i láthair don Fheirm Ghaoithe atá beartaíte ar an Chlochar Chorr, a mbeidh i gceist leis:



SUIOMH AN LÁITHREÁIN

Tá láithreán na feirme ghaoithe beartaíte 2km ó dheas ón Dúchoraidh in Iarthuaisceart chontae Dhún na nGall. Tá airde an láithreáin idir 50m os cionn leibhéal na mara sa tuaisceart agus san iarthar, a éiríonn chomh hard le 292m os cionn leibhéal na mara ar an taobh theas den láithreán, agus tá buaic 146m i lár an láithreáin.

Tá Clochar an Chuilinn ag sruthú tríd an láithreán, mar aon le roinnt sruthchúrsaí beaga, agus iad ar fad ag sruthú isteach in Abhainn Ghaeth Beara/Abhainn Fhia (Dúchoraidh) in aice leis an láithreán.

Tá dhá loch taobh istigh de theorainn an láithreáin: Loch an Eithinn Mór agus Loch an Eithinn Beag. 'Forais Bhuaircineach' is mó atá sa chumhdach talún taobh istigh den láithreán fá láthair (bunaithe ar léarscáileanna cumhdaigh talún CORINE agus scrúdú ar aeríomhánna). Tá roinnt ceantair bheaga ann atá san aicme 'Portach Móna' nó 'Colleamach-Tor Idirchriosach'.

Sa tírdhreach níos leithne, is don talamh portaigh agus don fhoraoiseacht tráchtála is mó a úsáitear an talamh sa cheantar, agus tá cuid ceantair bheaga den fhéarach talmhaíochta ann chomh maith. Tá teacht ar an láithreán ó bhóthar rochtana áitiúla a dhéanann an láithreán a nascadh leis an R252 i dtreo an oirthuaiscirt. Thig teacht ar an láithreán ón Iarthuaisceart ón R250 agus L6363.

PRÓISEAS AN DEARTHÁ

Rinneadh staidéir leathana ar an láthair agus as an láthair atá i ndiaidh eolas a chur ar fáil don togra tosaigh seo againne. Mar chuid de mheasúnú a dhéanamh ar na páirteanna den láithreán a d'fhéadadh a bheith fóirsteanach le tuirbíní agus bonneagar eile a thógáil orthu, táthar i ndiaidh méid áirithe sriantaí tábhachtacha a aithint, na cinn seo ina measc:

- Sonrúite idimáisiúnta comhshaoil agus tírdhreacha (Limistéir faoi Chaomhnú Speisialta, Limistéir faoi Chosaint Speisialta agus Limistéir Ardscéimhe)
- Sruthchúrsaí agus lochanna – a dhéanann slánachar 50m a chinntiú
- Títhe cónaithe – ag cinntiú slánachair
- Séadchomharthaí seandálaíochta agus séadchomharthaí sonracha
- Bonneagar atá ag cur seirbhísí ar fáil fá láthair, bóithre poiblí agus línte cumhachta, mar shampla.

Beidh tuilleadh suirbhéarsachtaí ann a chuirfidh eolas ar fáil fá sriantaí níos leithne, gnáthóga leochailleacha nach bhfuil sonraíte agus limistéir ina bhfuil fánaí suntasacha san áireamh.

Táthar i ndiaidh a shocrú sa deardach tosaigh ar leagan amach an láithreáin gur chóir go mbeadh an suíomh fóirsteanach fá choinne 21 tuirbín. Déantar cinneadh fán mhéid chruinn a bheas ann, fá cá háit a mbeidh siad agus fá leagan amach na scéime do na tuirbíní mar pháirt den phróiseas deartha agus sa Mheasúnach Tionchair Timpeallachta.

*Beidh an t-aechar ag brath ar líon agus ar aicme cumhachta na dtuirbíní



WORKING FOR THE COMMUNITY

We are committed to engaging inclusively with the whole community and developing a responsible project that is good for society and our neighbours.

Working closely with the community nearby to the proposed site, we want to help bring forward sustainable, long-term community initiatives that meet local priorities, needs and objectives.

In accordance with the government-led Renewable Energy Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund throughout the period that Cloghercor Wind Farm is operational. This fund is expected to be approximately **€500,000** annually, depending on the final size of the wind farm, and will be in addition to a near neighbour scheme that will ensure those closest to the wind farm benefit from its success as well as wider community initiatives.

We would like to begin a discussion with the community as to how such a fund could be directed towards local needs, amenities and services, for example:

- Local recreational facilities
- Broadband and connectivity upgrades
- Education, skills and employment initiatives
- Local services such as community halls or community event sponsorship.

The distribution of the community benefit fund will ultimately be for the community to decide in partnership with our team.

If you would like to speak to us about the community benefit opportunities, please get in touch - we are keen to hear from you.

NEAR NEIGHBOUR SCHEME

The near neighbour scheme would be designed in consultation with the community. This support can take many forms including direct financial support to the household with their energy bill, payments to enable households to retrofit their homes or support for further education.



Some Wind Farm, County Donegal



OBAIR AR MHAITHE LEIS AN PHOBAL

Tá muid diograiseach ó thaobh plé a dhéanamh leis an phobal ar fad de agus tionscadal freagrach a fhorbairt a bheas dearfach don tsochaí agus dár gcuid comharsan.

Agus muid ag obair go dlúth leis an phobal atá gar don láithreán atá beartaithe, is mian linn tionscnaimh inbhuanaithe fadtéarma phobail a chur chun cinn a dhéanfaidh cúrsaí tosaíochta, riachtanais agus cuspóirí na háite a shásamh.

I gcomhréir leis an Scéim Tacaíochta don Fhúinneamh In-Athnualte (RESS) a bhfuil an rialtas ina bun, bhéarfaidh an tionscadal ciste suntasach fadtéarmach chun leas an phobail isteach fad a bheas an fheirm ghaoithe ag feidhmiú. Táthar ag dréim leis go mbeidh luach thart ar **€500,000** in aghaidh na bliana i gceist leis an chiste seo, ag brath ar chomh mór is a bheas an fheirm ghaoithe sa deireadh, agus cuimseoidh sé scéim do chomharsana cóngaracha a chinnteoidh go mbaineann na daoine sin is cóngaraí a chonaíonn don fheirm ghaoithe leas as a rath, chomh maith le tionscnaimh phobail níos leithne.

Ba mháth linn tús a chur leis an phlé leis an phobal fá dtaobh de cad é mar a thiocfadh ciste mar sin a threorú chun leasa riachtanais, áiseanna agus sheirbhísí na háite, mar shampla:

- Áiseanna áitiúla cailthimh aimsire
- Uasghrádú ar leathanbhanda agus ar an nascacht
- Tionscnaimh oideachais, scileanna agus fostalochta
- Seirbhísí áitiúla, hallaí pobail mar shampla, nó urraíocht ar imeachtaí pobail.

Sa deireadh, is faoin phobal a bheas sé cinneadh a dhéanamh, i gcomhar leis an fhoireann seo againne, fá cad é mar a dhéanfar an ciste chun leas an phobail a dháileadh.

Más mian leat labhairt linn faoi na deiseanna atá ann i dtaca le leas an phobail de, déan teagmháil linn – ba bhreá linn cluinint uait.

SCÉIM FÁ CHOINNE COMHARSANA CÓNGARACHA

Dhéanfaí an scéim fá choinne comharsana cóngaracha a dhearadh i gcomhar leis an phobal. Thig an tacaíocht seo a chur ar fáil ar go leor bealaí, mar shampla: tacaíocht dhíreach airgeadais don teaghlach leis an bhille fuinnimh, localachtaí le cur ar a gcumas do theaghlaigh a dtithe a iartheistiú nó tacaíocht fá choinne breisoideachais.



Feirm Ghaoithe an tSáir, Contae Dhúir na nGall

PROGRESSING THE PROJECT

The Cloghercor Wind Farm proposal will be closely informed by detailed and continuing on-site studies as well as feedback from the local community.

Having introduced our initial, 23-turbine proposal to the community in July 2021, we have refined our proposal based on the outcome of continuing studies on-site as well as public feedback. We will continue to take this into account as we finalise our proposal and prepare the planning submission for An Bord Pleanála.

THE PLANNING PROCESS

The proposed Cloghercor Wind Farm will deliver approximately 126 Megawatts (MW) of power to the grid. A project of this size is likely to meet the Strategic Infrastructure Development (SID) thresholds for wind energy, meaning that we will likely make our application to An Bord Pleanála.

We are committed to close engagement with the local community and irrespective of the route to applying for planning permission, there will be multiple opportunities for the public to make observations on the project.

ENVIRONMENTAL IMPACT ASSESSMENT REPORT

Our ongoing studies are informing an Environmental Impact Assessment Report (EiAR) which will be submitted with the final planning application in due course. You can find more information on our ongoing studies further through the exhibition.

The EiAR will be presented in a number of volumes which include:

- Non-Technical Summary
- Main Report
- Appendices
- Photomontages

The EiAR will describe the existing environment, the likely significant effects of the proposed development and the proposed mitigation measures. Individual specialists will undertake their evaluations of the environment including evaluation under the following topics:

1. Introduction
2. Background to the Proposed Development
3. Description of the Proposed Development
4. Consideration of Reasonable Alternatives
5. Policy, Planning and Development Context
6. Population and Human Health
7. Biodiversity – Flora and Fauna
8. Biodiversity – Ornithology
9. Soils and Geology
10. Hydrology and Hydrogeology
11. Air Quality and Climate
12. Noise and Vibration
13. Shadow Flicker
14. Landscape and Visual Impact
15. Material Assets including Aviation and Telecommunications
16. Traffic and Transportation
17. Cultural Heritage
18. Interaction of the Foregoing
19. Schedule of Mitigation Measures.

An Appropriate Assessment Screening Report and Natura Impact Statement will also accompany any planning application. The purpose of these will be to inform An Bord Pleanála in its undertaking of an 'Appropriate Assessment' of the proposal, as required under the EU Habitats Directive.

This is an assessment of the potential for significant or adverse effects resulting from the project, both individually and in-combination with other activities, plans and projects, on European Site(s) as designated under the EU Habitats Directive.

AN TIONSCADAL A CHUR CHUN CINN

Déanfar staidéir mhionsonraithe ar an láthair go leanúnach, chomh maith le haiseolas ón phobal áitiúil, agus cuirfidh sin eolas ar fáil do thogra Fheirm Ghaoithe an Chlochair Chorr.

I ndiaidh dúinn ár dtogra tosaigh, 23 thurbin a chur i láthair an phobail i Mí Iúil 2021, tá muid i ndiaidh ár dtogra a bheachtú, bunaithe ar thordh staidéir atá ag dul ar aghaidh ar an láthair chomh maith le haiseolas pobail. Leanfaimid orainn de bheith á chur sin san áireamh agus muid ag tabhairt ár dtogra chun críche, ag ullmhú na haighneachta deiridh don Bhoird Pleanála.

AN PRÓISEAS PLEANÁLA

Déanfaidh Feirm Ghaoithe bheartaíthe an Chlochair Chorr thart ar 126 Meigawata (MW) cumhachta a sholáthar don eangach. Glactar leis go sáisióin tionscadal den mhéid seo na tairseacha don fhuinneamh ghaoithe a bhaineann le Forbairtí Bonneagair Straitéisigh. Fágann sin go gcuirfidh muid iarratas faoi bhráid an Bhoird Pleanála le stádas mar Fhorbairt Bonneagair Straitéisigh a lorg don tionscadal.

Is dócha go gcomhlionfaidh tionscadal den mhéid seo tairseacha Forbartha Infrastruchtúir Straitéisí (FIS) don fhuinneamh ghaoithe, rud a chiallaíonn gur dócha go gcuirfidh muid iarratas faoi bhráid an Bhoird Pleanála.

Tá muid díograiseach ó thaobh dlúthchaidreamh a bheith againn leis an phobal áitiúil agus, beag beann ar an dóigh a ndéantar an t-iarratas ar chead pleanála, beidh neart deiseanna ag an phobal a mbarúlacha a léiriú fán tionscadal.

TUARASCÁIL MHEASÚNACHTA TIONCHAIR TIMPEALLACHTA

Tá eolas á chur ar fáil ó na staidéir atá muid a dhéanamh i rith an ama fa choinne Tuarscáil Mheasúnachta Tionchair Timpeallachta, a chuirfear isteach in éineacht leis an iarratas deiridh pleanála in am agus i dtráth. Thig leat teacht ar thuilleadh eolais fá na staidéir atá ar bun againn níos faide anonn sa taispeántas.

Cuirfear an Tuarscáil Mheasúnachta Tionchair Timpeallachta i láthair i ndoiciméid éagsúla, na cinn seo ina measc:

- Achoimre Neamhtheicniúil
- An Phríomhthuarascáil
- Agusíní
- Fótamontáisi

Sa Tuarscáil Mheasúnachta Tionchair Timpeallachta, déanfar cur síos ar an timpeallacht faoi mar atá i láthair na huair, ar na torthaí is dócha a bheas ann mar thordh ar an fhorbraíocht atá beartaíte agus ar na bearta maolaithe atá beartaíte. Tabharfaidh speisialtóirí ar leith faoi mheasúnuithe a dhéanamh ar an timpeallacht, ina gcuirfear san áireamh measúnú faoi na topaicí seo a leanas:

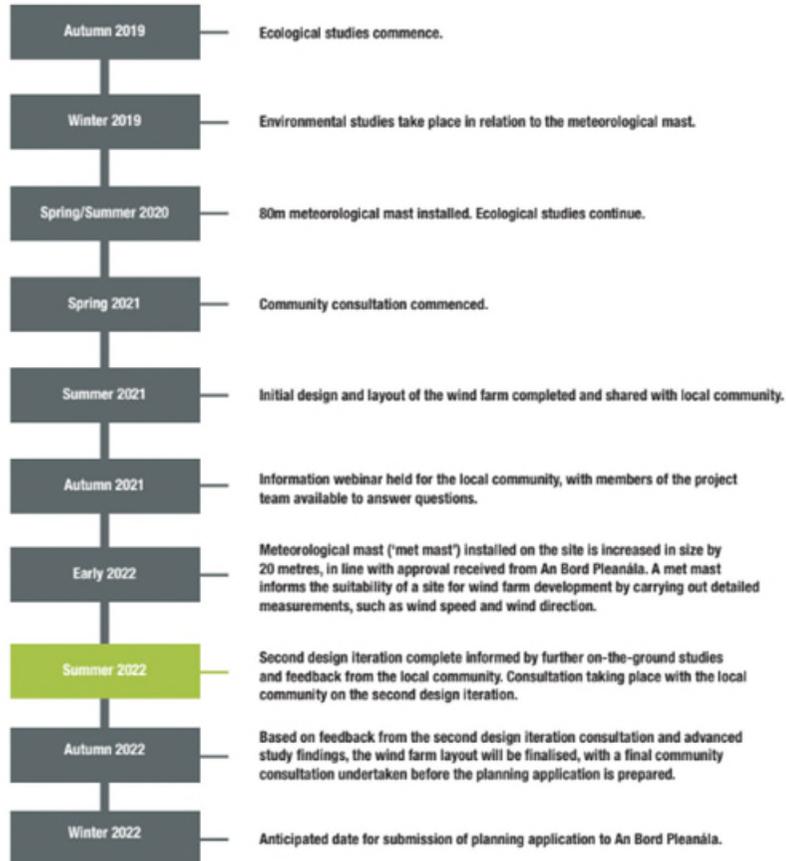
1. Réamhrá
2. Cúra den Fhorbraíocht Bheartaíthe
3. Cur síos ar an Fhorbraíocht Bheartaíthe
4. Roghanna Malartacha Réasúnta a Mheas
5. Comhthéacs Beartaí, Pleanála agus Forbraíochta
6. Daonra agus Sláinte na nDaoine
7. An Bhithéagsúlacht – Flóra agus Fána
8. An Bhithéagsúlacht – an Éneolaíocht
9. Ithreacha agus an Gheolaíocht
10. An Hidreolaíocht agus an Hidrigeolaíocht
11. Cálíocht an Aeil agus an Aeráid
12. Torann agus Creathadh
13. Caochail Scáileanna
14. Tionchar Tardhreacha agus Físiúil
15. Sócmhainní Ábhartha, an Eitíocht agus Teileachumarsáid san áireamh
16. Trácht agus Iompar
17. An Oidhreacht Chultúrtha
18. Ceangal idir na Rudaí Thuasluaite
19. Sceideal na mBearta Maolaithe

Beidh Tuarscáil maidir le Scagadh le haghaidh Measúnacht Chuí, chomh maith le Ráiteas Tionchair Natura, mar chuid d'aon iarratas pleanála a dhéantar fosta. Is é an cuspóir a bheas leo sin ná an Bord Pleanála a chur ar an eolas agus é ag tabhairt faoi 'Measúnacht Chuí' den togra, mar a éilítear faoi Threoir an Aontais Eorpach maidir le Gnáthóga.

Measúnacht atá i gceist leis sin le fáil amach an bhféadadh iarmhairtí suntasacha nó díobhála a bheith ann mar gheall ar an tionscadal, an tionscadal leis féin nó in éineacht le gníomhaíochtaí, pleananna agus tionscadail eile, ar Láithreán Eorpach/Láithreán Eorpach mar atá ainmnithe faoi Threoir an Aontais Eorpach maidir le Gnáthóga.

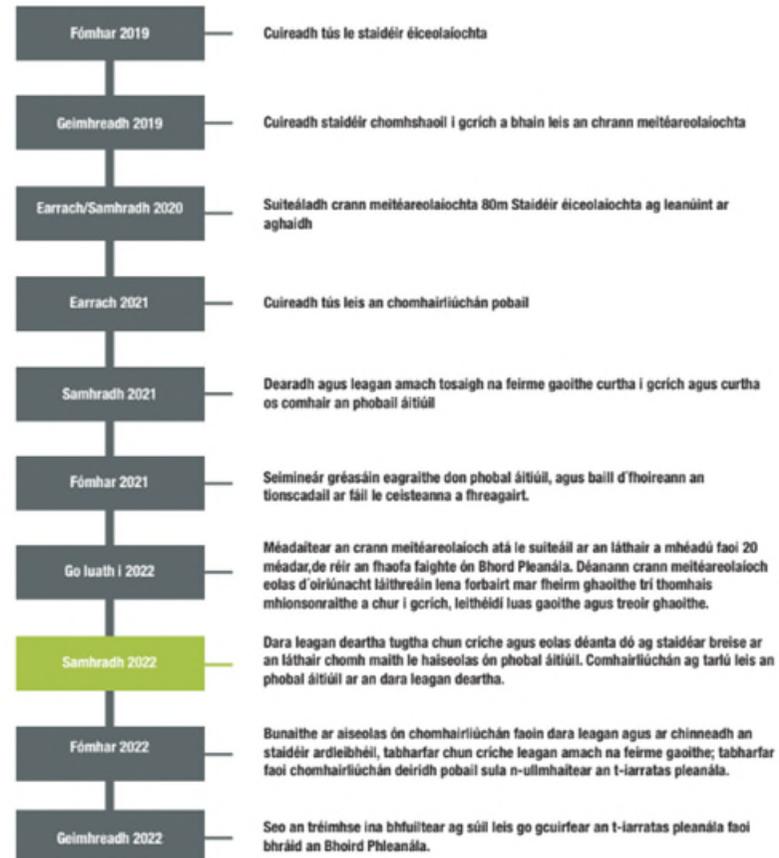
PROGRESSING THE PROJECT

PROJECT TIMELINE



AN TIONSCADAL A CHUR CHUN CINN

AMLÍNE AN TIONSCADAIL





ENGINEERING AND ASSOCIATED WIND FARM INFRASTRUCTURE

Design for the proposed transport and infrastructure routes is continuing. Further to consultation and feedback, detailed management plans will be included within the Environmental Impact Assessment Report (EJAR) that will be submitted with our planning application.

As the project progresses, we will use numerous methodologies to assess and present a sensitive final proposal for associated infrastructure, which will include:

- Site roads to each turbine location, and to all proposed site infrastructure. The roadways will have a running width of approximately 5 metres, with drainage checks and measures installed from the outset to ensure there is no uncontrolled runoff from the site during proposed works. Details of the required site drainage works will be included in the EJAR.
- One or more temporary compound areas to provide offices, welfare facilities, car parking and hardstands for storing materials during the construction phase.

Construction of the turbine bases will require excavation of the surrounding soil from the foundation and crane hardstanding area to founding level. The soil will be replaced with granular fill where required. Each wind turbine will require a reinforced concrete foundation (See Figure 1).



Figure Page 13 / 32

Hardstand areas will also be constructed around each turbine base to accommodate large cranes, facilitate access, turbine assembly and turbine erection.

It is proposed that one or more borrow pits will be constructed as part of the proposed development, in order to provide a source for the majority of stone material requirements within the site itself, thereby reducing the potential impacts on local roads and the environment.

GRID CONNECTION

The construction and electrical components of the substation and grid connection will be to EirGrid specifications. The proposed on-site substation will include electrical components necessary to export generated power from the wind farm to the transmission system. Each turbine will be connected to the proposed on-site substation at Cloghercor via underground cables. Fibre-optic cables will also connect each wind turbine to the wind turbine control system located within the Control Building.

If approved, it is our intention that the proposed onsite substation will connect to the national grid via either a dedicated 110kV tail-fed underground connection to Tievebrack 110kV Substation, or a 110kV Loop-In Connection into the Ardnagappary - Tievebrack 110kV Line that passes through the proposed site.

INNEALTÓIREACHT AGUS BONNEAGAR A BHAINNEAN LEIS AN FHEIRM GHAOITHE

Táthar ag leanúint ar aghaidh leis an dearadh do na bealaí iompair agus infrastruictúir atá beartaithe. Anuas ar chomhairliúchán agus aiseolas, cuirfear pleananna mionsonraithe bainistíochta isteach mar chuid den Tuarascáil Mheasúnachta Tionchair Timpeallachta a chuirfear isteach lenár n-iarraitas pleanála.

De réir mar atá an tionscadal á chur chun cinn, bainfidh muid feidhm as modheolaíochtaí éagsúla le togra deiridh a mheasú agus a chur i láthair don bhonneagar ghaoimhar, ina gcuirfear san áireamh:

- Bóithre láithreáin chuig gach suíomh tuirbín, agus chuig an bhonneagar láithreáin ar fad atá beartaithe. Beidh leithead reatha thart ar 5 mhéadar i gceist leis na bóithre, agus suiteáilfar seiceálacha draenála agus bearta ón tús lena chinntiú nach mbíonn aon rith chun srutha neamhrialaithe ann ón láithreán le linn na n-obreacha beartaithe. Cuirfear mionsonraí fá na hoibreacha draenála a bheidh de dhíth isteach mar chuid den Tuarascáil Mheasúnachta Tionchair Timpeallachta.
- Limistéar comhshuite sealadach amháin, nó níos mó, le hoifigí, áiseanna leasa agus páircéil carranna a chur ar fáil chomh maith le cruastadanna le hábhair a stóráil le linn chéim na tógála.



Figúr 1 – Neartú cruach á chur le bunraith

Caithear an ithir atá mórthimpeall a thochailt ón bhunraith agus ó limistéar crua-sheasta na craenach go dtí an leibhéal bunaidh má táthar le boinn na dtuirbíní a thógáil. Cuirfear líonadh gráinneach in áit na hitreach nuair is gá. Beidh bunraith coincreíte treisithe de dhíobháil ar gach tuirbín gaoithe (Amharc Figiúr 1). Tógfar limistéir chrua-sheasta thart ar gach bonn tuirbín le freastal ar chraenacha móra. le bealach isteach a éascú agus go mbeifear in ann tuirbíní a chur le chéile is a chur in airde.

Tá sé beartaithe go ndéanfar poill carta nó níos mó a thógáil mar chuid den fhorbraíocht bheartaithe, ionas go gcuirfear ar fáil foinsí le tromlach na riachtanas ábhair cloiche a sholáthar taobh istigh den láithreán féin agus, mar sin de, go laghdófar an tionchar a d'fhéadfadh a bheith ann ar bhóithre áitiúla agus ar an timpeallacht.

NASCADH LEIS AN EANGACH

Déanfar tógáil agus comhpháirteanna leictreacha an fhóistáisiúin agus an nasccha leis an eangach i gcomhréir le sonraíochtaí EirGrid. San fhóistáisiún ar an láthair atá beartaithe, cuirfear san áireamh na comhpháirteanna leictreacha a bheas de dhíth le cumhacht ghinte ón fheirm ghaoithe a easpórtáil chuig an chóras tarchurtha. Bainfidh feidhm as cáblaí faoi thalamh le gach tuirbín a nascadh leis an fhóistáisiún atá beartaithe ar an láthair ar an Chlochair Chorr. Déanfaidh cáblaí snáthoptaice gach tuirbín gaoithe a nascadh le córas rialaithe na dtuirbíní gaoithe a bheas suite san Fhoirgneamh Rialaithe.

Má thugtar cead don iarratas, is é is cuspóir dúinn go ndéanfar an fhóistáisiún beartaithe ar an láthair a nascadh leis an eangach náisiúnta le nasc líbtha isteach 110kV isteach chuig Line 110kV Ard na gCeapairí - an Taobh Bhríic, a théann fríd an láithreán bheartaithe.

ENGINEERING AND ASSOCIATED WIND FARM INFRASTRUCTURE

TURBINE DELIVERY

We have identified two options for the turbine delivery route starting from Killybegs port.

The final route is yet to be determined, however an assessment of the preferred route is progressing with site visits and computer modelling of vehicle movements ongoing.

These assessments will determine what, if any, temporary works are required at any potential pinch points to allow the turbine components to be moved to the site smoothly and at minimal disruption to other road users.



Typical turbine delivery vehicle.



INNEALTÓIREACHT AGUS BONNEAGAR A BHAINNEAN LEIS AN FHEIRM GHAOITHE

TUIRBÍNÍ A SHEACHADADH

Tá dhá rogha aitheanta againn do bhealach sheachadadh na dtuirbíní, ag tosú ó phort na gCealla Beaga.

Tá an bealach deiridh le cinneadh go fóill; táthar ag déanamh dul chun cinn maidir le measúnú an bhealaigh a roghnófar agus tá cuairteanna láithreán agus samhaltú ar riomhaire ghluaiseachtaí na bhfeithicilí ag dul ar aghaidh go fóill. Déanfaidh na measúnuithe seo cinneadh maidir leis na hoibreacha sealadacha a bheidh de dhíth, más ann dóibh, ag aon chaolas bóthair le ceadú go ndéantfaí páirteanna na dtuirbíní a aistriú chuig an láithreán go réidh, ag cur isteach ar lucht úsáidte eile na mbóithre a laghad agus is féidir.



Samplaí de na feithicilí seachadta tuirbíní a úsáidtear de ghnáth.



BIODIVERSITY ON SITE

SCOPE OF SURVEYS AND ASSESSMENT

The purpose of our ongoing biodiversity assessments is to identify important habitats and species that could be affected by the wind farm development, and assess the impacts on these habitats and species.

First we define the Zone of Influence (ZOI), which can extend outside the wind farm site. We then carry out surveys and research to map the distribution of the important habitats and species within the ZOI, and to understand how the species use the ZOI, using relevant scientific research as well as specialised techniques (such as collision risk modelling for birds) to predict impacts.

If any potentially significant impacts are identified, we develop mitigation measures to address these impacts. The Natura Impact Statement assesses the impacts on designated features of European sites (Special Areas of Conservation and Special Protection Areas). The Biodiversity chapter in the Environmental Impact Assessment Report assesses the impacts on other important habitats and species.

HABITATS AND VEGETATION

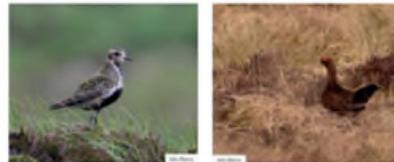
The wind farm site is mainly occupied by plantation forestry but open bog and heath habitats occur, mainly on high ground along the eastern and southern margins of the site. The habitat survey will map and classify all habitats within the site, with a particular focus on Annex I habitats (such as blanket bog and wet heath). Detailed botanical surveys will be carried out of the areas around the proposed locations of the turbine bases, and other proposed infrastructure.



Example images of habitats on site (blanket bog and heath).

BIRDS

Bird populations have been surveyed within the relevant ZOIs, extending up to 6km outside the wind farm site. Standard survey methods have been used to assess populations of sensitive species, and overall we will spend in excess of 1,650 hours carrying out vantage point surveys to assess patterns of flight activity across the wind farm site.



Images of birds in the area (Golden Plover and Red Grouse).

Disturbance and displacement impacts will be predicted using best knowledge from relevant scientific research, and making precautionary assumptions where evidence is limited. Collision risk modelling will be used to predict the likely number of collisions per year based on the patterns of flight activity recorded in the vantage point surveys and the wind turbine parameters.

BATS

Static surveillance is undertaken according to wind farm survey guidelines to determine bat species present and activity level at static stations. The data collated will be analysed using the Bat Eco Tool.



AN BHITHÉAGSÚLACHT AR AN LÁTHAIR

RAON FEIDHME SUIRBHÉACHTAÍ AGUS MEASÚNAITHE

Is é is cuspóir do na measúnuithe bithéagsúlachta atá go fóill ar siúl againn gnáthoga agus speicis thábhachtacha a aithint a dtiocfadh forbraíocht na feirme ghaoithe cur isteach orthu, agus measúnú a dhéanamh ar an tionchar a d'imreofaí ar na gnáthoga agus speicis sin.

Sa chéad dul síos, déanann muid an Críos Tionchair a shainmhíniú. Thig leis sin a bheith níos faide ar shiúl ná láithreán na feirme ghaoithe. Tugann muid faoi shuirbhéachtaí agus taighde le dáileadh na ngnáthóg agus na speiceas tábhachtach taobh istigh den chrios tionchair a mhapaíl, agus le tuiscint a fháil fá cad é mar a úsáideann na speicis an críos tionchair. Baineann muid feidhm as taighde ábhartha eolaíoch mar aon le teicnící speisialaithe (samhaltú ar an bhaol imbhualaithe i gcás éanacha, mar shampla) le tionchair a thuar.

Má aithnítear aon tionchair a d'fhéadfadh a bheith suntasach, déanann muid bearta maolaithe a fhorbairt le dul i ngleic leis na tionchair sin. Sa Ráiteas Tionchair Natura, déantar na tionchair a mheas ar ghnéithe sainithe a bhaineann le láithreáin Eorpacha (Limistéir faoi Chaomhnú Speisialta agus Limistéir faoi Chosaint Speisialta). Sa chaibidil faoin Bhithéagsúlacht sa Tuascail Mheasúnachta Tionchair Timpeallachta, déantar na tionchair ar ghnáthoga agus speicis thábhachtacha eile a mheasúnú.

GNÁTHOGA AGUS FÁSRA

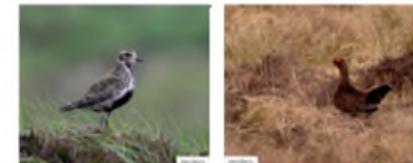
Foraioseacht fáschoille is mó atá le fáil ar láithreán na feirme ghaoithe. Tá portaigh oscailte agus gnáthoga fraochmhá ann fosta, ar thalamh ard den chuid is mó, taobh le ciumhaiseanna thoir agus theas an láithreáin. Sa tsuirbhéacht ar ghnáthoga, déantar na gnáthoga ar fad sa láithreán a mhapaíl is a aicmiú, agus díreofar go sonrach ar ghnáthoga Agusín 1 (brathortach agus fraochmhá fhliuch, cuir i gcás). Déantar suirbhéachtaí mionsonraithe luibheolaíoch ar na limistéir thart faoi shuíomhanna beartaithe bhoinn na dtuirbíní agus suíomhanna an bhonneagair eile atá beartaithe.



Imbhánna samplacha de ghnáthoga ar an láthair (brathortach agus fraochmhá).

ÉANACHA

Rinneadh suirbhéacht ar líon na n-éan taobh istigh de na críosanna tionchair bainteacha, suas le 6km taobh amuigh de láithreán na feirme ghaoithe. Baineadh feidhm as modhanna caighdeánacha suirbhéachta le líon na bpo-bal a mheas fá choinne speicis atá leochaileach. Ar an iomlán, tá muid ag cailteamh breis agus 1,650 uair an chloig ag tabhairt faoi shuirbhéachtaí stáitse a dhéanamh le pa-trúin ghníomhaíochta eilite a mheas ar fud láithreán na feirme ghaoithe.



Imbhánna d'éanacha sa cheantar (Feadóig Bhuí agus Coleach Fraoigh).

Bainfead leas as an eolas is fearr atá againn ó thaidhde eolaíoch leis an tionchar ó shuisítheadh agus dláithriú a thuar. Nuair nach bhfuil ann ach fianaise theoranta, déantar barúlacha réamhchúramacha.

Úsáidfead samhaltú ar an bhaol imbhualaithe le linn na n-imbhualaithe is dócha a bheas ann gach bliain a thuar. Beidh sin bunaithe ar na patrúin gníomhaíochta eilite a thairgeadair sna suirbhéachtaí stáitse agus ar pharaiméadair na dtuirbíní ghaoithe.

BIODIVERSITY ON SITE

OTHER SPECIES

Walking transects are undertaken along accessible paths within the survey area and along the local road network to document the local bat populations in relation to commuting and foraging habitats. Driving transects of local road network are undertaken for a 10km radius to document the local bat populations in relation to commuting and foraging habitats. We will also undertake dusk and dawn surveys of buildings and structures within and adjacent to the proposed development to document bat roosts. All of the transect works will be undertaken in accordance with the most up-to-date scientific guidance.

AQUATIC BIODIVERSITY

The wind farm site includes several small watercourses, while some small lakes occur within and around the site. As all the watercourses in the wind farm site all drain northwards to the Gweebarra Estuary, runoff from the wind farm site will not enter the upper catchment of the Owenea. In addition, appropriate mitigation measures will be used to minimise any potential for impacts.

Aquatic habitat assessment has been carried out using the methodology provided in the Scottish Environment Protection Agency's "River Habitat Survey in Britain and Ireland Field Survey Guidance Manual: 2003 Version".

Aquatic surveys included kick sampling (for benthic macroinvertebrates, where suitable habitat exists) to establish a baseline water quality rating at suitable locations and a review of habitat suitability for Annex II species such as White-clawed Crayfish, Salmon and Lamprey.

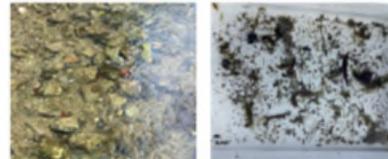


Image of aquatic habitat and typical macroinvertebrate sampling.

An initial Aquatic assessment has been carried out. The scope covered the following elements:

- Characterisation of the aquatic receiving environment
- Identification of any immediate or downstream aquatic ecological sensitivities
- Surveyed the watercourses for salmonid and lamprey spawning and nursing habitat, finding that the watercourses are low suitability for spawning and nursing
- Identified site vulnerabilities that may require specific mitigation
- Classified watercourses in terms of their local, national and international importance

Surveys have shown low suitability for fish in the watercourses on site and our initial findings will be discussed with with Inland Fisheries Ireland (IFI).

Surveys will also be carried out for other species of conservation importance, including Marsh Fritillary, Otter, Badger, Pine Marten, Red Squirrel, Common Frog and Common Lizard.

AN BHITHÉAGSÚLACHT AR AN LÁTHAIR

IALTÓGA

Tugtar faoi thairesachas ina stad, de réir treoirínte suirbhéireachta feimeacha gaoithe, le fáil amach an bhfuil speiceas ialtóg i láthair agus leis an leibhéal gníomhaíochta a shocrú ag stáisiún ina stad. Bainfead feidhm as an uirlis Bat Eco le hanaílís a dhéanamh ar na sonraí a chuirfead le chéile.



SPECIIS EILE

Tabharfar faoi thraschriosanna siúil ar feadh cosáin insroichte taobh istigh de limistéar na suirbhéireachta agus ar feadh an líonra bóithre áitiúla leis na pobail áitiúla ialtóg a tháifeadadh i dtaca le taimaistriú agus gnáthóga sealgaireachta de. Tabharfar faoi thraschriosanna tiomána de líonra na mbóithre áitiúla fá choinne raon 10km leis na pobail áitiúla ialtóg a tháifeadadh i dtaca le taimaistriú agus gnáthóga sealgaireachta de. Lena chois sin, tabharfar faoi muid faoi shuirbhéireachtaí luí agus éirí na gréine ar fhoirgnimh agus struchtúir cóngarach don fhorbraíocht bheartaíthe agus in aice léi le farai ialtóg a tháifeadadh. Tabharfar faoi na hoibreacha traschreasa ar fad i gcomhréir leis an treoir eolaíoch is úire.

AN BHITHÉAGSÚLACHT UISCEACH

Tá méid áirithe sruthchúrsaí ann ar láithreán na feirme gaoithe, agus tá cúpla loch beag ann taobh istigh den láithreán agus thart air. Ar an ábhar go mbionn na sruthchúrsaí ar fad ar láithreán na feirme gaoithe ag taoscadh ó thuaidh chuig linnbhear Ghaith Beara, ní rachaidh rith chun srutha ó láithreán na feirme gaoithe isteach i ndobharcheantar uachtarach Abhainn Fhía. Chomh maith leis sin, usáidfead bearta cuí maolaithe le hiamhairtí póitéiréil a ar bith a mhaolú.

Leis an mheasúnacht ar ghnáthóg uisceach a dhéanamh, baineadh feidhm as an mhodheolaíocht a thugtar sa lámhleabhar atá curtha ar fáil ag Gníomhaireacht Coomhnaíthe Comhshaoil na hAilbhan, is é sin "River Habitat Survey in Britain and Ireland Field Survey Guidance Manual: 2003 Version".

I suirbhéireachtaí uisceacha baineadh feidhm as samplaí speiche (fá choinne maicrinverteabraigh bheantacha, nuair is ann do ghnáthóg chu) le bonnlíne a tháil don ráttáil ar chálíocht an uisce in áiteanna fóirsteanacha agus le hathbhreithniú a dhéanamh ar oiriúnacht na gnáthóige fá choinne speicis Agusín II, piardóg lathbhan, bradán agus loimpre mar shampla.



Íomhá de ghnáthóg uisceach agus samplaí tipiciúla maicrinverteabrac.

Rinneadh measúnú uisceach tosaigh. Chlúdaigh an scoip na heilimintí seo a leanas:

- Tréithriú na timpeallachta uiscí glactha
- Sainiúint aon iogaireachtaí éiceolaíochta uisceacha láithreacha nó le sruth
- Rinneadh suirbhé ar na sruthchúrsaí do sceitheadh salmainide agus loimpre agus mar ghnáthóg iascairne, ag fáil amach gurth ar éigean go bhfuil na sruthchúrsaí oiriúnach do sceitheadh agus mar áit iascairne
- Aithníodh leochailreachtaí sa láithreán a dtiocfadh le maolú sonrath a bhéith de dhiobháil orthu
- Aicmiú sruthchúrsaí ó thaobh an tábhacht atá acu de go háitiúil, go náisiúnta agus go hidirnáisiúnta

Léirigh suirbhéanna gurth ar éigean go raibh na sruthchúrsaí oiriúnach d'éisc ar an láthair agus pléifead ár gcoinneadh tosaigh le hascach Intire Éireann (IFE).

Déantar suirbhéireachtaí fosta fá choinne speicis eile a bhfuil tábhacht ag baint leo ó thaobh an chaomhnaíthe de, ina measc siúd: an fritileán réisc, an dobharchú, an broc, an cat crainn, an t-iora rua, an frog coteann agus an laghairt choiteann.

LANDSCAPE AND VISUAL

Detailed studies are currently underway on the landscape and visual impact of the proposed wind energy development. These studies will inform a Landscape and Visual Impact Assessment (LVIA) which will form part of the Environmental Impact Assessment Report which will be submitted with the final planning application for Cloghercor Wind Farm.

Landscape Impacts consider:

- The 'landscape' as a resource in its own right
- The physical effects of the wind energy development on landscape features and/or land cover
- Effects on landscape character

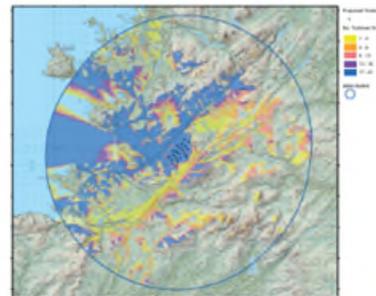
Wind farms have a stronger potential to influence landscape character than physical landscape fabric.

Visual Impacts take assessment of:

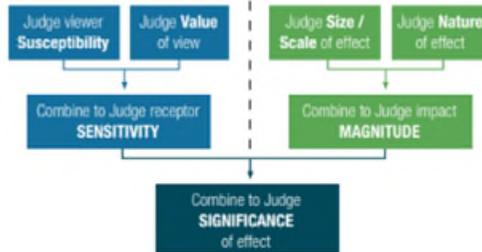
- Visual receptors such as people and groups of people in a range of viewing scenarios, which can influence their sensitivity to visual change (for example, hill walkers vs motorway commuters)
- Visual change that may occur as a result of 'visual obstruction' (e.g. blocking of a view), but in the case of wind farms, it typically relates to visual intrusion (i.e. the addition of new elements within a view)
- Impacts relate only to visual change and how this might affect 'visual amenity' or the values associated with a particular view

WHERE WILL THE PROPOSED WIND FARM BE VISIBLE FROM?

Computer-generated Zone of Theoretical Visibility (ZTV) maps are used to determine where the proposed turbines may be visible from in a 'bare-ground' scenario (i.e. without accounting for screening by vegetation, embankments and/or buildings, for example). ZTV maps also aid in the selection of representative viewpoints, which are used as the basis of the Visual Impact Assessment.



Zone of Theoretical Visibility



CÚRSAÍ TÍRDHREACHA AGUS FÍSIÚLA

Tá staidéir mhionsonraithe ar siúl i láthair na huaire ar an tionchar tírdhreacha agus an tionchar físiúil a bheadh ag an fhorbraíocht feirme gaoithe atá beartaithe. Leis na staidéir sin, cuirfear eolas ar fáil fá choinne Measúnacht ar Thionchar Tírdhreacha agus Físiúil a bheas mar pháirt den Tuarascáil Mheasúnachta Tionchair Timpeallachta a chuirfear isteach leis an iarratas deiridh pleanála d'Fheirm Ghaoithe an Chlochair Chorr.

San Tionchar ar an Tírdhreach, cuirtear ar na áireamh:

- An 'tírdhreach' mar acmhainn as féin
- Éifeachtaí fisiceacha na forbraíochta fuinnimh gaoithe ar ghnéithe tírdhreacha agus/nó ar chumhdach talún
- Éifeachtaí ar shaintréithe an tírdhreacha

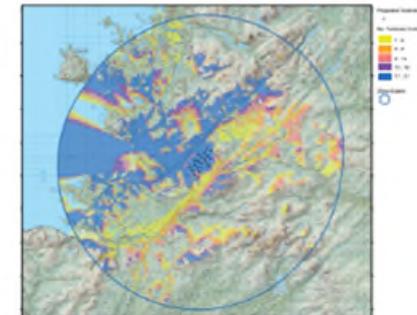
Tá níos mó seans ann go n-imreoidh feirmeacha gaoithe tionchar ar shaintréithe an tírdhreacha ná ar chreatlach an tírdhreacha go fisiceach.

I gcás Tionchair Fhísiúla, déantar measúnacht orthu seo:

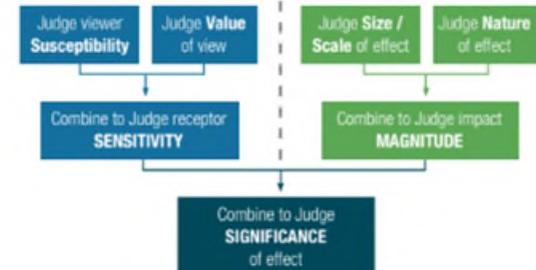
- Gabhdóirí físiúla ar nós daoine agus grúpaí daoine i meascán cásanna amhairc, cásanna a dtig leo tionchar a imirt ar a mhéad a thugann na daoine athrú físiúil fá deara (mar shampla, siúlóirí sléibhe i gcoinne comaitéirí ar mhótarbhealach)
- Thig athrú físiúil a bheith ann de bharr 'bac físiúil' (e.g. radharc a bheith bachtá), ach i gcás feirmeacha gaoithe, cur isteach físiúil a bíos ann de ghnáth (i.e. gnéithe nua a chuirtear isteach i radharc)
- Ní bhaineann tionchair ach le hathrú físiúil agus cad é mar a thiocfadh leis seo tionchar a imirt ar an 'taltneamhacht físiúil' nó ar na luachanna a bhaineann le radharc ar leith

CÁ HÁIT A MBEIFEAR ÁBALTA AN FHEIRM GHAOITHE ATÁ BEARTAITHE A FHEICEÁIL?

Úsáidtear léarscáileanna a ghineann ríomhaire a dtugtar Crios Léargais Theoiriciúil orthu le sonrú cá háit a mbeifear ábalta na turbíní atá beartaithe a fheiceáil, b'fhéidir, i gcás talamh lom (i.e. gan clúdach ó fhásra, claifóirt agus/nó foirgnimh, mar shampla, a chur san áireamh). Tá léarscáileanna Cresa Léargais Theoiriciúil ina gcuideí fosta le hionaid amhairc shamplacha a roghnú, a úsáidtear mar bhonn don Mheasúnacht Tionchair Fhísiúil.



Crios Léargais Theoiriciúil



LANDSCAPE AND VISUAL

WHAT WILL A WIND FARM LOOK LIKE?

Wireframe images illustrate the manner in which the turbines will appear from particular viewpoints in a 'bare-ground' scenario. These aid the wind farm design process. Not only do they indicate the degree of turbine visibility, they also reveal the aesthetic attributes of the scheme, such as profile, spacing and overlapping etc.

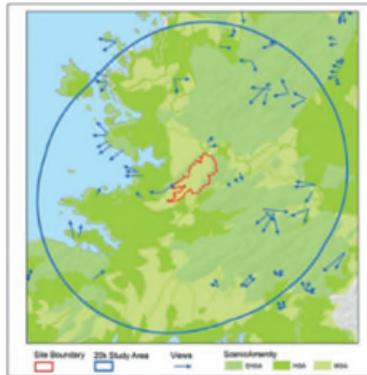
You can view a selection of wireframes and photo-realistic photomontages further through the exhibition from a selection of representative viewpoint locations.

For the proposed Cloghercor Wind Farm, there will be approximately 30 receptor locations which will be used as the basis of the Visual Impact Assessment. The preparation of photomontages is governed by strict guidance that focusses on achieving a high degree of spatial accuracy (size/location) presented in a format that reflects real-world viewing conditions (size of image/specified viewing distance).

PLANNING POLICY CONTEXT

Chapter 7 – 'The Natural and Built Heritage' of the current Donegal County Development Plan incorporates landscape and visual policies and objectives, some of which are relevant to the proposed development. The landscape of County Donegal is categorised into '3 layers of value' which include 'Areas of Especially High Scenic Amenity (EHSA)', 'Areas of High Scenic Amenity (HSA)' and 'Areas of Moderate Scenic Amenity (MSA)'.

Whilst the site of the proposed Cloghercor Wind Farm encompasses some EHSA designations, the majority of the site is comprised of lands located within the MSA designation, the lowest of three scenic amenity designations. The nearest protected view in relation to the site is located some 1.5km southwest of the site boundary at the N56 – Gweebarra Bridge.



Scenic amenity designations and protected views (Donegal County Development Plan) within the study area

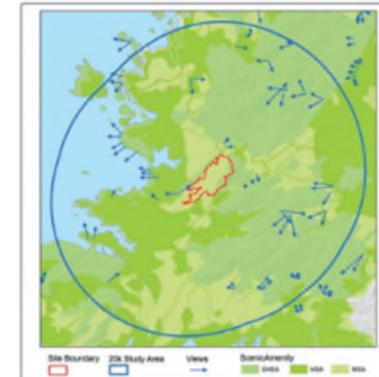
CÚRSAÍ TÍRDHREACHA AGUS FÍSIÚLA

CAD É AN CHUMA A BHEAS AR FHEIRM GHAOITHE?

Léiríonn íomhánna sreangshamhlacha cad é an chuma a bheas ar na turbíní ó ionaid amhairc ar leith i gcás 'talamh lom'. Cuidíonn siad le próiseas deartha na bhfeirmeacha gaoithe. Cúireann siad in iúl chomh feiceálach is a bheas turbín agus, lena chois sin, léiríonn siad gnéithe aeistéice na scéime, próifíl, spásáil agus forluis etc., cuir i gcás.

Thig leat amhairc níos mó ar rogha sreangfhrámaí agus fótomantáisí atá chomh réalaíoch le grianghraf trína dtaispeáint ó rogha de láithreacha amhairc ionadaíocha.

I gcás na Feirme Gaoithe atá beartaithe don Chlochar Chorr, beidh thart ar 30 suíomh gabhdóra ann a úsáidtear mar bhonn faoin Mheasúnacht Tionchair Físiúil. Tá treoir dhian ann a dhéanann ullmhúchán fótomantáisí a rialú, ina ndírítear isteach ar cuid mhór cruinneas spásúil (méid/suíomh) a bhaint amach a chuirtear i láthair i bhformáid atá ag teacht le coinníollacha amhairc san fhiorshaol (méid na hionmhú/ an t-achar amhairc a shonraítear), conditions (size of image/ specified viewing distance).



Sonrúcháin mar limistéar ardscoímh agus radhairc chosanta (Plean Forbartha Contae Dhún na nGall) taobh istigh de limistéar an stáidír

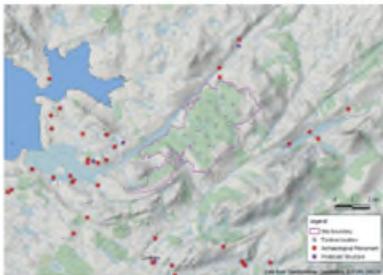
COMHTHÉACS AN BHEARTAIS PLEANÁLA

I gCaibidil 7 – 'An Oidhreacht Nádurtha agus Thógtha' de Plean Forbartha Contae reatha Dhún na nGall, cuirtear san áireamh beartais agus cuspóirí tírdhreacha agus físiúla, agus tá cuid acu sin a bhaineann leis an fhorbraíocht atá beartaithe. Tá tírdhreach Contae Dhún na nGall a chatagóiriú mar '3 shraith luacha', ina measc 'Limistéar Sárscoímh (EHSA)', 'Limistéar Ardscoímh (HSA)' agus 'Limistéar Meánscoímh (MSA)'.

Cé go bhfuil cuid den láithreán ar a mbeadh Feirm Gaoithe bheartaithe an Chlochair Chorr sonraíte mar EHSA, is iad talite atá ainmnithe mar MSA, an sonrú is ísle de na trí shonrú scéimhe, atá i gceist leis an chuid is mó den láithreán. Tá an radharc cosanta is gaire, i dtaca leis an láithreán de, suite thart ar 1.5km siar ó dheas ó theorainn an láithreán ag Droichead Ghaoth Beara – an N56.

CULTURAL HERITAGE

The cultural heritage study assesses the potential effects of the proposed Cloghercor Wind Farm on archaeological, architectural and cultural heritage. This will inform the project's design and construction in order to avoid or minimise any direct and indirect impacts including impacts on the setting of cultural heritage sites.



Map of heritage in surroundings

Background research, GIS analysis and field surveys have been carried out to gain an in-depth understanding of recorded cultural heritage and the potential for unrecorded sites. The initial assessment reviewed archaeological and architectural sites listed on the Record of Monuments and Places (RMP) and Donegal County Council's Record of Protected Structures (RPS) and other statutory and non-statutory lists. Field surveys have been carried out to inspect the proposed wind farm site and its surroundings; further fieldwork will be undertaken as the project design advances.

Several archaeological sites have been recorded along the Gweebarra River valley and the surrounding area, concentrated on lower valley slopes, coastal, lake and riverside locations. The initial review identified more than 70 recorded archaeological monuments within 10km of the proposed wind farm. These include prehistoric tombs, early medieval raths and souterrains and ritual sites such as holy wells. Among the most prevalent site types are ringforts (cashels and raths), graveyards and burial grounds, mounds and megalithic tombs.



Megalithic structure

At the northwest of the proposed wind farm is a megalithic structure (DG058-005) which resembles a portal tomb such as those at Tuaim (DG065-005) 2km northwest of the proposed wind farm and Kilcooney dolmen (DG073-004) approximately 10km to the west. Other monuments in the near surroundings include a holy well and bullaun stone (DG058-002) on the west bank of the Gweebarra River. Further afield, on Inishkeel, is a medieval monastery founded by St Connell in the 6th century which is a National Monument (NM658, DG064-003).

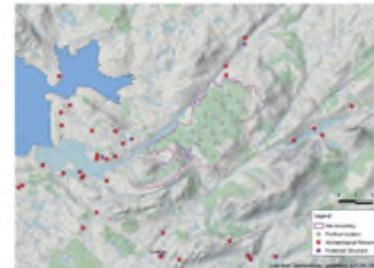


Inishkeel graveyard view to wind farm

Architectural sites in the surroundings of the proposed wind farm include Doochary Bridge (RPS 40905802), St Bridget's Catholic Church in Lettermacaward (RPS 40906501) and Lettermacaward Parish Church (RPS 40906502). There are no Protected Structures within the proposed wind farm site, however, there are a number of historic buildings including

AN OIDHREACTH CHULTÚRTHA

Sa staidéar ar an oidhreacth chultúrtha, déantar feirm ghaoithe bheartaithe an Chlochair Chorr a mheasú nó a dtaca leis na héifeachtaí a d'fhéadfadh a bheith ar an oidhreacth seandálaíochta, ailtreachta agus chultúrtha. Leis sin, cuirfear eolas ar fáil fa' choinne dhearadh agus thógáil an tionscadail sa dóigh is go ndéantar tionchar díreach nó indireach ar bith a sheachaint nó a laghdú a mhéad agus is féidir, tionchar ar shuíomhanna oidhreachta cultúrtha san áireamh.



Léarscáil de na suíomhanna seandálaíochta (RMP) agus ailtreachta (RPS) a tairleadh sa cheantar thiar ar an fheirm ghaoithe atá beartaithe (rangpháirtithe Openstreetmap, EU-DEM agus an Roinn Tíreochta, Rialtas Áisiúil agus Oidhreachta)

Tugadh faoi thaghdh sa chúra, anailís córais faisnéise geografai agus suirbhé allamuigh le tuigheáil dhomhain a fháil ar an oidhreacth chultúrtha atá tairleadh agus le fáil amach an mbeadh suíomhanna ar bith ann nár tairleadh. Sa mheasú nó tosaigh, rinneadh athbhreithniú ar shuíomhanna seandálaíochta agus ailtreachta atá le fáil sa Tairleadh Séadchomharthaí agus Áiteanna agus sa Tairleadh ar Dhéanmhais Chosanta atá ag Comhairle Contae Dhún na nGall, chomh maith le liostaí eile idir liostaí reachtúla agus neamhreachtúla. Tugadh faoi shuirbhé allamuigh leis an láithreán don fheirm ghaoithe bheartaithe agus an ceantar máguaird a iniúchadh; tabharfar faoina thuilleadh den obair allamuigh de réir mar a dhéantar dul chun cinn.

Táthar i ndiaidh donán suíomhanna seandálaíochta a thairleadh taobh le gleann Gaoth Beara agus an ceantar máguaird, iad dírithe ar áiteanna cois farraige, cois locha agus cois abhann, chomh maith le fánaí in iochtar gleann. San athbhreithniú tosaigh a rinneadh, aithníodh corradh le 70 séadchomhartha seandálaíochta a tairleadh taobh istigh de 10km den fheirm ghaoithe atá beartaithe. Ina measc siúd tá

tuamaí réimhstairiúla, ráthanna agus uaimheanna talún ó go luath sna meánaoiseanna agus suíomhanna deasghnáth, dála toibreacha naofa. Ar na cinédálacha is coitianta suíomhanna atá ann tá losanna (caisil agus ráthanna), reiligi agus úrleachais, dumhal agus tuamaí meigilteacha.



Struchtúr meigilteach (DG058-005) i mbale learamh Chlochair an Chuilinn

Ar an taobh thiar thuaidh den fheirm ghaoithe atá beartaithe, tá structúr meigilteach (DG058-005) atá cosúil le tuama ursanach mar atá i dTuaim (DG065-005), 2km ar an taobh thiar thuaidh den fheirm ghaoithe atá beartaithe, agus dolmain Chill Chluanadh (DG073-004), atá thart ar 10km ar an taobh thiar den láithreán. I measc na séadchomharthaí eile atá sa dúiche mórtimpeall tá tobar naofa agus ballán (DG058-002) ar an bhruach thiar d'Abhainn Gaoth Beara. Níos faide ar shiúl, ar Inis Caol, tá mainistir mheánaoiseach a bhunaigh Naomh Connal sa 6ú haois. Séadchomhartha Náisiúnta atá sa mhainistir (NM658, DG064-003).



Leis; chroise shnóite mheánaoiseach sa reilig ar Inis Caol (NM658, DG064-003)

CULTURAL HERITAGE

ruined clachans, isolated cottages and barns and features such as wells, bridges and drystone walls. On the east bank of the Gweebarra River is a former ferry crossing which provided passage over the wide river before construction of the bridge at Lettermacaward and may be the same place mentioned in documents of the early 17th century; a building beside the jetty marked 'Ferry House' on historic maps is still partially standing. These vernacular heritage features have been recorded and will be avoided by the proposed development.



Clachan in Cloghercor

As the assessment proceeds, mitigation measures will be developed to ensure the identification, protection and recording of cultural heritage that may be impacted by the proposed wind farm. These measures may include archaeological testing and monitoring to identify previously unrecorded sites and management to minimise direct and indirect impacts on recorded and unrecorded cultural heritage.

AN OIDHREACTH CHULTÚRTHA

Ar na suíomhanna ailtireachta atá sa cheantar thart ar an fheirm ghaoithe atá beartaithe, tá Droichead na Dúchoradh (RPS 40905802), Teach Pobail Bhríde i Leitir Mhic an Bhaire (RPS 40906501) agus Eaglais Pháriste Leitir Mhic an Bhaire (RPS 40906502). Níl Struchtúir Chosanta ar bith ann taobh istigh de láithreán na feirme ghaoithe atá beartaithe. Sin ráite, tá domán fuinnimh stairiúla, teachtíní agus sciobóil thréigthe ina measc, chomh maith le gnéithe amháil toibreacha, droichid agus ballaí cloiche singile. Ar an bhruach thoir d'Abhainn Ghaoth Beara, tá trasnú farantóireachta nach n-úsáidtear a thuilleadh a d'fhág go rabhthas in ann an abhainn leathan a thrasnú sular tógadh an droichead i Leitir Mhic an Bhaire. Tá seans ann gurb ionann an áit sin agus an áit a luaite i ndoiciméid ó luath sa 17ú haois; tá foirgneamh go fóill ina sheasamh i bpáirt in aice leis an lamairne, a dtugtar 'Teach an Chalaigh' air sna léarscáileanna stairiúla. Tá taifeadadh déanta de na gnéithe dúchasacha oidhreachta seo agus déanfar iad a sheachaint san fhorbraíocht atá beartaithe.



Balóga Clachain in oirthear bháile fearainn an Chlochair Chorr

I dtaca leis an oidhreacht chultúrtha sin a dtiocfadh leis an fheirm ghaoithe atá beartaithe baint de, déanfar bearta maolaithe a fhorbairt sa dóigh is go dtig an oidhreacht sin a aithint, a chosaint agus a thailfeadadh de réir mar a théann an measúnú ar aghaidh. Ar na bearta sin, b'fhéidir go gcuirfí san áireamh tástáil agus monatóireacht seandálaíochta le suíomhanna nár taifeadadh roimhe a aithint agus bainistíocht sa dóigh is nach gcuirtear isteach ar an oidhreacht a taifeadadh is nár taifeadadh a laghad agus is féidir.

NOISE AND SHADOW FLICKER

NOISE

Environmental Noise Guidance

Environmental Noise from wind energy developments is assessed using the current Wind Energy Development Guidelines along with guidance in the Institute of Acoustics "Good Practice Guide" which contains the more technical details on requirements for input data and assumptions to make in calculations.

Measurement of Background Noise

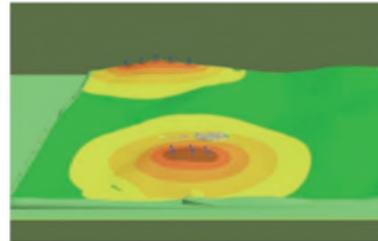
Background Noise at a noise-sensitive location can include wind-generated noise in foliage along with other background noise sources such as farm activity or traffic on roads. The existing levels of background noise are measured in the absence of the wind energy development. Measuring the background noise involves simultaneously measuring wind speeds on the proposed site and noise levels at a set of houses around the site. The noise level meters are typically located in a garden. A number of houses are chosen based on their proximity, direction from the wind farm and their setting, i.e., sheltered or exposed. These measured noise levels are used to form the limits of wind farm noise based on the current Wind Energy Development Guidelines.

Prediction of Wind Turbine Noise

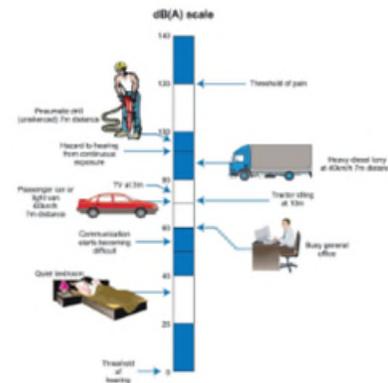
Separately, noise levels are calculated using a computer-based noise model using the turbine manufacturer's sound data for the turbine model and the assumptions in the relevant guidance. All details of the input data and calculations are compiled into the EAR Noise Chapter.

Calculated noise levels due to the wind farm are compared against the limit values – where any exceedances are noted, the development team has a number of options: the turbine causing the exceedance can be moved, or a different layout of turbine can be developed, or a different turbine make and model can be selected. Another option is to consider the operational modes of certain turbines, which limits the rotational speed and therefore the noise (and power) generated.

Using the noise model, an iterative design process ensures that the derived noise level limits can be complied with at the noise-sensitive locations.



Example 3D view of Wind Turbine Noise Model



Examples of typical noise level environments

TORANN AGUS CAOCHAÍL SCÁILEANNA

TORANN

Treoir maidir leis an Torann Timpeallachta

Baintear feidhm as na Treoirínte reatha maidir le Forbraíochtaí Fuinnimh Gaoithe leis an torann timpeallachta ó fhorbraíochtaí fuinnimh gaoithe a mheasú, mar aon leis an treoir a thugtar sa "Good Practice Guide" atá ag an Institiúid Fuaimteolaíochta, ina bhfuil na mionsonraí níos teicniúla maidir leis na riachtanais fá choinne na sonraí ionchuir agus na foshuíomhanna atá le déanamh i ríomhanna.

Torann Cúra a Thomhas

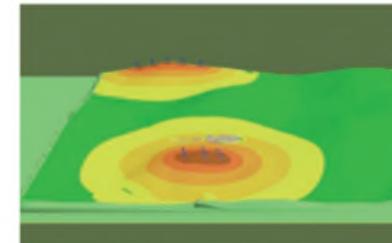
Maidir leis an Torann Cúra i suíomh atá iogair ó thaobh torainn de, is féidir torann sa duiliúr a gineann an ghaoth a chur san áireamh i dleannta foinisí eile torainn cúra mar shampla gníomhaíocht feirme nó trácht ar bhóithre. Na leibhéil reatha den torann sa chúra atá ann, déantar iad siúd a thomhas gan an fhorbraíocht fuinnimh gaoithe a bheith ann. Má táthar leis an torann cúra a thomhas, caithear luasanna gaoithe a thomhas ar an láithreán atá beartaithe agus, san am chéanna, leibhéil torainn a thomhas ag sraith títhe thart ar an láithreán. De ghnáth, cuirtear méadair an leibhéil torainn i ngairdín. Déantar méid áirithe títhe a roghnú, bunaithe ar chomh cóngarach is atá siad, an treo ina bhfuil siad i gcomparáid leis an theirm gaoithe agus an áit ina bhfuil siad suite i.e. foscúil nó oscailte. Úsáidtear na leibhéil tomhaiste torainn sin chun na teorainneacha a chur le chéile don torann ón fheirm ghaoithe, bunaithe ar na Treoirínte reatha atá ann maidir le Forbraíochtaí Fuinnimh Gaoithe.

Torann ó Thuirbíní Gaoithe a Thuar

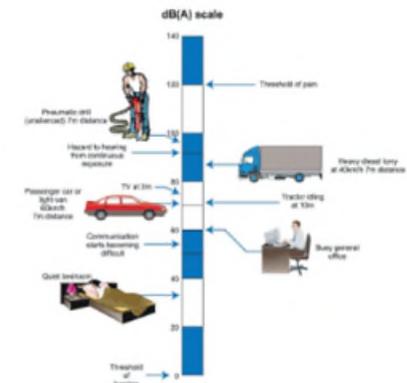
Déantar leibhéil torainn a ríomh astu féin. Úsáidtear samhail torainn ar ríomhaire leis sin a dhéanamh bunaithe ar shonraí fuaimne mhonaróir an tuirbín don tsamhail tuirbín agus do na foshuíomhanna san treoir is iomchuí. Tá na mionsonraí ar fad fá dtaobh de na sonraí ionchuir agus na ríomhanna le fáil sa Chaibidil faoi Thorann san EIAr.

Cuirtear na leibhéil ríofa torainn de bharr na feirme gaoithe i gcomparáid le luachanna na n-uasteorainneacha. Nuair a thugtar fá deara gur sáraíodh iad, tá méid áirithe roghanna ag foireann na forbraíochta: is féidir an tuirbín atá mar chúis leis an tsárú a bhogadh, nó is féidir leagan amach eile tuirbín a fhorbairt, nó is féidir déanamh agus samhail dhifriúil tuirbín a roghnú. Rogha eile atá ann ná modhanna oibríochán tuirbín ar leith a mheas, a dhéanamh an luas rothlathaithe agus, mar sin, an torann (agus an chumhacht) a ghintear, a shrianadh. Má úsáidtear an tsamhail torainn, déanann an próiseas

oimneach deartha a chinntiú gur féidir cíos, sna suíomhanna atá iogair ó thaobh torainn de, leis na huasteorainneacha torainn a fuarthas.



Radaric sampach 3D de Shamhail Torainn Tuirbíní Gaoithe



Samplaí de thimpeallachtaí ina mbeir gnáthleibhéil torainn

NOISE AND SHADOW FLICKER

SHADOW FLICKER

Wind turbines can cast long shadows when the sun is low in the sky. 'Shadow flicker' is an effect that occurs when the rotating blades of a wind turbine cast a moving shadow over a building. The effect is experienced indoors where a moving shadow passes over a window in a nearby property and results in a rapid change or flicker in the incoming sunlight. For the vast majority of the time at any given property, shadow flicker should not cause any issues from any given turbine.

Where shadow flicker occurs, it can always be resolved through remote controlled software in the turbine which stops the blades rotating at a particular time of day, and therefore avoiding the light conditions that cause the shadow flicker.

The occurrence of shadow flicker impacts is determined by a number of criteria including:

- **The presence of screening:** Screening can occur from a variety of sources including vegetation, terrain, and buildings. If screening is present between the property and the wind turbine/sun, then shadow flicker would not occur at that property.
- **The orientation of the property:** The windows of the sensitive property must have windows that face the proposed turbines in order to be able to receive shadow flicker.
- **The distance of the property from turbines:** The potential effect of shadow flicker diminishes as distance from the turbine increases. An industry standard approach is to examine a distance of ten rotor diameters as a maximum limit within which significant shadow flicker effects can occur.
- **The presence of direct sunlight:** Cloud cover can remove the presence of direct sunlight so that it is diffused and does not cast a shadow. If direct sunlight is present, the turbine blades must be located in the direct path between the sun and the property.

- **The time of year and day:** The path of the sun varies over the seasons resulting in a changing potential for a shadow to be cast throughout the year. Similarly, the sun's position in the sky over the course of a day is changing such that the shadow cast by a turbine is constantly changing.
- **Wind speed:** In order for shadow flicker to occur, the turbine must be rotating. This requires a wind speed high enough to cause the turbine to turn on.
- **Direction of Wind:** The width of a shadow at any given property is dependent on the direction of the wind. This will be different on any given day at every property. The worst-case shadow occurs when the turbine faces directly towards or away from a property, while minimum flicker occurs when it faces perpendicular to the property.
- **The presence of people:** If the property is empty at the time of a shadow flicker event, then it would not cause a nuisance.

The analysis will be undertaken using a leading industry software package for carrying out shadow flicker simulations. This specialist modelling software package accounts for the layout of turbines and the turbine specifications, as well as the topography of the area, path of the sun throughout the day/year, and details of each sensitive receptor (property). The worst-case scenario is always used in the computer model and accordingly the longest potential shadow length is calculated.

The current guidelines (2006 Wind Energy Development Guidelines) recommend an acceptable limit for shadow flicker as a maximum of 30 hours per year or 30 minutes per day at any one property. The Draft Revised Wind Energy Guidelines December 2019 calls for zero shadow flicker at any existing dwelling. In the interests of developing best practice, we are committed to minimising any adverse effects from the proposed development on the local community and are committing to ensuring **zero shadow flicker** at the sensitive receptors identified.

TORANN AGUS CAOCHAÍL SCÁILEANNA

CAOCHAÍL SCÁILEANNA

Thig le turbíní ghaoithe scáileanna fada a chaitheamh nuair atá an ghrian go hiseal sa spéir. Éifeacht atá i gceist leis 'an caocháil scáileanna' a tharlaíonn nuair a dhéanann lanna rothlaíthe turbíní ghaoithe scáil, atá ag bogadh, a chaitheamh ar fhuinneamh. Tá an éifeacht le brath taobh istigh, imionn scáil, atá ag bogadh, thar fhuinneog i maoin atá cóngarach. Bíonn athrú sciobtha nó caocháil ann sa tsolas ón ghrian atá ag teacht isteach. Den chuid is mó den am in aon mhaoin ar leith, níor chóir don caocháil scáileanna a bheith mar chúis le thionchar fhadhbanna ó aon turbín ar leith.

San áit a dtarlaíonn caocháil scáileanna, is féidir sin a réiteach i gcoirál trí mheán bogearraí cianrialaithe sa turbín a stopann rothlú na lann ag am ar leith den lá, agus a sheachnaíonn mar sin de na comholcacha solais sin is cúis leis an caocháil scáileanna.

Tá critéir éagsúla ann a shocrú ann an imreoidh an caocháil scáileanna ionchar ar chúis, na cinn seo san áireamh:

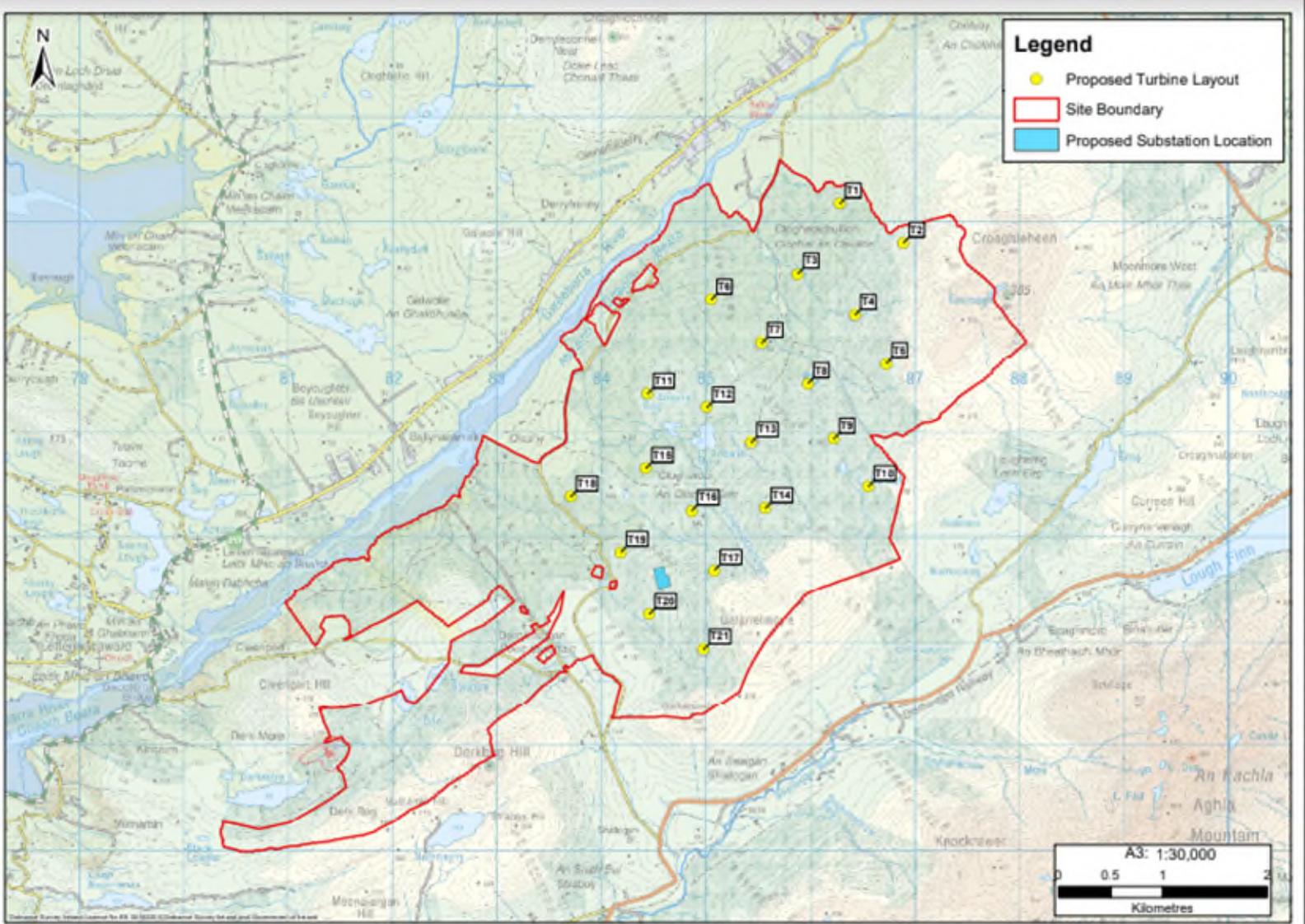
- **Clúdach a bheith ann:** Féadfaidh clúdach a bheith ann mar gheall ar éagsúlacht foinsí, fára, tír-raon agus fuinnimh san áireamh. Má bhíonn clúdach ann idir an mhaoin agus an turbín ghaoithe/grian, ní bheadh caocháil scáileanna ann ag an mhaoin sin.
- **Treoshuíomh na maoin:** Gaithfidh fuinneoga a bheith ar an mhaoin i gceist a thugann aghaidh ar an turbín atá beartaíthe má tá siad a dhul a bheith faoi réir caocháil scáileanna.
- **Fad na maoin ó na turbíní:** Éiríonn an éifeacht a d'fhéadfadh a bheith ann ón caocháil scáileanna níos lú de réir mar a imíonn tú níos faide ar shúl ón turbín. Cur chuige caighdeánach atá ann sa tionscal ná glacadh le fad arb ionann é agus deich dtrastomhas rótar mar uasteorainn ar féidir éifeachtaí caochála scáileanna a bheith ann.
- **Solas díreach na gréine:** Féadfaidh clúdach scamall solas díreach na gréine a bhaint amach as an láthair sa dóigh is go ndéantar é a leathadh agus nach gcaitheann sé scáth. Má bhíonn solas díreach na gréine ann, caitheamh lanna na turbíní a bheith suite go díreach idir an ghrian agus an mhaoin.

- **An t-am den bhliain agus den lá:** Athraíonn bealach na gréine le linn na seasúir agus, mar sin, beidh tosca ag athrú maidir lena gcaitheamh scáth i gcaitheamh na bliana. Ar an dóigh chéanna, tá suíomh na gréine sa spéir ag athrú i gcaitheamh an lae sa dóigh is go mbíonn an scáil a chaitheamh turbín ag siorathrú.
- **Luas ghaoithe:** Má tá caocháil scáileanna le bheith ann, caitheamh an turbín a bheith ag rothlú. Caitheamh luas ghaoithe ard go leor a bheith ann leis sin a dhéanamh go dtosódh an turbín ag feidhmiú.
- **Treo na Gaoithe:** Beidh leithéad scáile ag maoin ar bith ag brath ar treo na gaoithe. Beidh éagsúlacht ag baint leis sin ar ló ar bith ag gach aon mhaoin. Bíonn an scáil is measa i gceist nuair atá turbín ag tabhairt aghaidh i dtreo maoin nó sa treo eile ar fad. Bíonn an caocháil is lú ann nuair atá turbín ag tabhairt aghaidh sa treo atá ingearach leis an mhaoin.
- **Daoine a bheith ann:** Má bhíonn an mhaoin folamh nuair atá caocháil scáileanna ann, ní chuirfeadh sin isteach ar aon duine.

Úsáidfead pacáiste bogearraí atá chun tosaigh sa tionscal fá choinne ionsamhlúcháin caochála scáileanna a dhéanamh leis an analís a chur i gcrích. Sa phacáiste speisialaithe samhaltaithe bogearraí seo, cuirfead san áireamh leagan amach turbíní agus sonraíochtaí na dturbíní, mar aon le toipeolaíocht an cheantair, bealach na gréine i rith an lae/na bliana agus mionsonraí a bhaineann le gach gabhdóir logair (maoin). Úsáidfead an cás is measa i dtailinn sa tsamhú ar ríomhaire agus, dá réir sin, déantar an fad scáile is faide dá dtiocfadh a bheith ann a ríomh.

Sna treoirínte is deireanaí (Treoirínte Forbráochtaí Fuinnimh Ghaoithe 2006), molar 30 uair an chloig in aghaidh na bliana nó 30 nóiméad in aghaidh an lae ag aon mhaoin ar leith mar theorainn inghlachta fá choinne caocháil scáileanna. Iarrann Dréachtreoirínte Athbheithnithe Fuinnimh Ghaoithe ó Nollaig 2019 nach gceadófaí caocháil scáileanna dá laghad ag aon áit chónaithe reatha. B'fhearr linn an dea-chleachtas is fearr a chothú, agus mar sin tá muid tionscail ó thaobh droch-éifeachtaí ar bith ón forbráocht bheartaíthe a chuirfeadh isteach ar an phobal áitiúil a choinneáil ag an leibhéal is ísle agus tá muid tionscail i dtaca le **caocháil scáileanna dá laghad** a chinntiú ag na gabhdóirí logair a aithneofar.

June 2022 - Design Iteration 2 Site Map



June 2022 - Design Iteration 2 feedback form

<p>Cloghercor Wind Farm Feedback form</p>		<p>Cloghercor Wind Farm Feedback form</p>	
<p>Your feedback is vital to our approach to the Cloghercor Wind Farm project. We invite you to share your views on our updated proposal.</p> <p>What are your reasons for attending this session? Local resident <input type="checkbox"/> Interested in renewable energy <input type="checkbox"/> Other <input type="checkbox"/> <i>Please give details</i></p> <div data-bbox="188 595 927 715" style="border: 1px solid black; height: 75px;"></div> <p>Have you found this information useful? Yes <input type="checkbox"/> No <input type="checkbox"/> Don't Know <input type="checkbox"/> <i>Please give details</i></p> <div data-bbox="188 798 927 917" style="border: 1px solid black; height: 75px;"></div> <p>Do you support the Cloghercor Wind Farm project? Yes <input type="checkbox"/> No <input type="checkbox"/> Don't Know <input type="checkbox"/> <i>Please give details</i></p> <div data-bbox="188 1000 927 1321" style="border: 1px solid black; height: 201px;"></div> <p>If you wish to contact us to discuss the project directly, please contact us: Email: info@cloghercorwindfarm.com Phone: (021) 422 3677 www.cloghercorwindfarm.com</p>		<p>Do you support renewable energy? Yes <input type="checkbox"/> No <input type="checkbox"/> Don't Know <input type="checkbox"/> <i>Please give details</i></p> <div data-bbox="1010 483 1749 619" style="border: 1px solid black; height: 85px;"></div> <p>If approved, Cloghercor Wind Farm will bring a significant community benefit fund. Are there any local priorities and projects that you would like to see supported? <i>Please give details</i></p> <div data-bbox="1010 710 1749 869" style="border: 1px solid black; height: 100px;"></div> <p>Do you have any further comments in relation to the Cloghercor Wind Farm project? Yes <input type="checkbox"/> No <input type="checkbox"/> <i>Please give details</i></p> <div data-bbox="1010 938 1749 1098" style="border: 1px solid black; height: 100px;"></div> <p>Do you wish to be kept informed directly of project updates? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, please provide your contact details which we will store in full compliance with GDPR.</p> <p>Name: <input type="text"/></p> <p>Email: <input type="text"/></p> <p>Address: <input type="text"/></p> <p>If you wish to contact us to discuss the project directly, please contact us: Email: info@cloghercorwindfarm.com Phone: (021) 422 3677 www.cloghercorwindfarm.com</p>	

Fheirm Ghaoithe an Chlochair Chorr Foirm aiseolais



Tá sé thar a bheith tábhachtach dúinn aiseolas a fháil uait a dhéanfaidh an cur chuige atá againn i dtaca le tionscadal Fheirm Ghaoithe an Chlochair Chorr de a threorú. Tugaimid cuireadh duit do chuid tuairimí a roinnt linn faoinár dtogra nuashonraithe.

Cad chuige ar fhreastail tú ar an tseisiún seo?

Duine de bhunadh na háite mé Suim agam san fhuinneamh in-athnuaite Eile

Tuilleadh le rá?

Ar shíl tú go raibh an t-eolas seo úsáideach? Shíl Níor shíl Níl a fhios agam

Tuilleadh le rá?

An bhfuil tú ag tabhairt tacaíocht do thionscadal Fheirm Ghaoithe an Chlochair Chorr?

Tá Níl Níl a fhios agam

Tuilleadh le rá?

Más mian leat teagmháil a dhéanamh linn leis an tionscadal a phlé linn go díreach, déan teagmháil linn:
Ríomhphost: info@cloghercorwindfarm.com Fón: (021) 422 3677 www.cloghercorwindfarm.com

Fheirm Ghaoithe an Chlochair Chorr Foirm aiseolais



An dtacaíonn tú leis an fhuinneamh in-athnuaite? Tacaíonn Ní thacaíonn Níl a fhios agam

Tuilleadh le rá?

Má thugtar ceadú don tionscadal, beidh ciste suntasach chun leasa an phobail ann. An bhfuil tionscadail ar bith nó a dhath ar bith go háitiúil ar mhaith leat go dtabharfar tús áite daofa?

Tuilleadh le rá?

An bhfuil rud ar bith eile ann atá tú ag iarraidh a chur in iúl fá dtaobh de thionscadal Fheirm Ghaoithe an Chlochair Chorr? Tá Níl

Tuilleadh le rá?

An bhfuil tú ag iarraidh go gcoinneoidh muid ar an eolas tú fá nuashonruithe ar an tionscadal? Tá Níl

Má tá, tabhair dúinn do chuid sonraí teagmhála, le do thoil, agus déanfaidh muidne iad a stóráil ar bhealach a bheas ag teacht leis an RCGS.

Ainm:

Ríomhphost:

Seoladh:

Más mian leat teagmháil a dhéanamh linn leis an tionscadal a phlé linn go díreach, déan teagmháil linn:
Ríomhphost: info@cloghercorwindfarm.com Fón: (021) 422 3677 www.cloghercorwindfarm.com

November 2022 - Design Iteration 3 - Information panels



OCT 2022 FINAL (1).pdf

Open with



WELCOME

Thank you for visiting this consultation for Cloghercor Wind Farm. This exhibition contains detailed information on our final design proposal for the development. Our team would be pleased to discuss the project and any questions that you may have.

We would be grateful if you could submit your feedback after viewing the resources. Your feedback is hugely valuable to our approach to the project.

Since 2019, we have been undertaking detailed ecological and feasibility studies across the townlands of Clogherchullion and Cloghercor for a potential wind energy project.

We introduced our initial design to the community in July 2021. The proposal has been developed iteratively following community feedback and the findings of our ongoing on-site studies.

The second design iteration was shared with the community in June 2022, comprising 21 turbines.

Our final design proposal has been reduced further, and now comprises **19 turbines** with a design envelope of between 185m and 200m tip height.



Some Wind Farm, County Donegal

You can find out more information on the studies that have been underway on the site and how they have informed this final design proposal throughout the exhibition materials.

WHY WIND ENERGY?

The impacts of climate change are widely recognised as being one of the greatest global economic, environmental and social challenges facing the world today. Electricity and heat generated by fossil fuels are among the biggest polluters to our atmosphere.

The Government of Ireland's Climate Action Plan 2021 which has set stretching ambitions to:

- Reduce emissions of greenhouse gases by an average of 7% each year from 2021-2030 - a reduction of 51% over the decade
- Meet 80% of electricity demand from renewables by 2030
- To increase onshore wind energy to approximately 8GW by 2030.

The need for low carbon energy supplies has never been more paramount if Ireland is to achieve these targets. Onshore wind is one of the cheapest forms of electricity and will therefore be vital to reaching Ireland's renewable energy and climate change goals.

Cloghercor Wind Farm will:

- Generate electricity from a renewable source of energy - offsetting the need for combustion of fossil fuels
- Assist in Ireland's mission to decarbonise our electricity, heat and transport systems
- Meet local and national energy demand
- Contribute to the regional and Irish economy.

FÁILTE

Go raibh maith agat as cuairt a thabhairt ar an doiciméad comhairliúcháin seo le haghaidh Feirm Ghaoithe an Chlochair Chorr. Tá mar chuid den taispeántas seo míneolas faoinár dtogra deiridh deartha don thorbairt. Bheadh ár bhfoireann sásta an tionscadal a phlé chomh maith le ceist ar bith a bheadh agat faoi.

Bheimis buíoch dá dtiocfadh leat do chuid aiseolais a chur faoinár mbráid i ndiaidh duit amharc ar na hacmhainní. Tá do chuid aiseolais fíorluachmhar dúinn agus muid ag tabhairt faoin tionscadal.

Ó bhí 2019 ann, tá muid i ndiaidh tabhairt faoi staidéir mhionsonraithe éiceolaíochta agus indéantachta sna bailte fearainn Clochar an Chuilinn agus an Clochar Corr fá choinne tionscadal fuinnimh ghaoithe a d'fhéadfadh a bheith ann.

Chuir muid ar ndearadh tosaigh i láthair don phobal i Mí Iúil 2021. Forbraíodh an togra ag úsáid sraith de leaganacha feabhsaithe i ndiaidh dúinn aiseolas a fháil ón phobal chomh maith le torthaí ár gcuid staidéir leanúnach ar an láithreán.

Roinneadh an dara leagan deartha leis an phobal i Mí Mheithimh 2022, agus 21 thuirbín i gceist leis.

Laghdaíodh ár dtogra deiridh deartha níos mó arís, agus tá **19 dtuirbín** i gceist anois, le réimse deartha de idir 185 m agus 200 m ar airde.



Feirm Ghaoithe an tSáim, Contae Dhúir na nGall

Thig leat tuilleadh eolais a fháil faoi na staidéir atá i ndiaidh a bheith ar siúl ar an láithreán agus faoin dóigh a ndeachaigh siad i bhfeidhm ar an togra deiridh deartha seo sna hábhair ar tad atá mar chuid den taispeántas.

CAD CHUIGE AN FUINNEAMH GAOITHE?

Althnítear na torthaí a bhaineann leis an athrú aeráide ar cheann de na dúshláin dhomhanda is mó atá roimh an tsaol sa lá atá inniu ann, idir dúshláin eacnamaíochta, chomhshaoil agus sochaí. Tá an leictreachas agus an teas a ghlintear ó bhreoslaí iontaise i measc na n-údar is mó truaillithe san atmaisféar seo againne.

Plean Gníomhaíochta Aeráide Rialtas na hÉireann 2021 a bhfuil spriocanna dúshlána leagtha síos aige le:

- Astaíochtaí ó ghás ceaptha teasa a laghdú 7% ar an mheán gach bliain idir 2021-2030 – laghdú 51% sa tréimhse deich mbliana.
- Leas a bhaint as foinsí in-athnuaite fuinnimh le 80% den éileamh ar leictreachas a shásamh faoi 2030.
- Fuinneamh ghaoithe ar talamh a mhéadú suas chuig thart ar 8GW faoi 2030.

Is tábhachtaí anois ná riamh an gá atá le soláthairtí fuinnimh ísealcharbóin má tá Éire leis na spriocanna sin a bhaint amach. Tá an fuinneamh ghaoithe ar talamh ar cheann de na foirmeacha is saoire leictreachais atá ann agus, mar sin de, beidh tábhacht faoi leith ag baint leis le spriocanna na hÉireann ó thaobh fuinnimh inathnuaite agus athrú aeráide de a bhaint amach.

Le Feirm Ghaoithe an Chlochair Chorr, beifear ábalta:

- Leictreachas a ghiniúint ó fhoinsí in-athnuaite fuinnimh – a dhéanfaidh cúiteamh ar an ghá le breoslaí iontaise a dhó
- Cuidiú le cuspóir na hÉireann ár gcórais leictreachais, teasa agus iompair a dhicharbónú
- An t-éileamh áitiúil agus náisiúnta ar fhuinneamh a shásamh
- Cur leis an gheilleagar réigiúnach agus le geilleagar na hÉireann.

MEET THE TEAM

Cloghercor Wind Farm is a 50:50 co-development project between Ørsted and FuturEnergy Ireland.

Ørsted develops, constructs, and operates offshore and onshore wind farms, solar farms, energy storage facilities, and bioenergy plants, and provides energy products to its customers. In Ireland, Ørsted owns and operates a portfolio of onshore wind farms with a combined capacity of more than 300 MW. Our ambition is to increase this by more than 600 MW in the coming decade.



FuturEnergy Ireland is a new joint venture company owned on a 50:50 basis by Colithe and ESS that is actively looking to drive Ireland's transition to a low carbon economy. The company's ambition is to develop more than 1GW of renewable energy capacity by 2030 and make a significant contribution to Ireland's commitment to produce 80% of electricity from renewable sources by the end of the decade.



SPECIALIST CONSULTANTS

TOBIN has an experienced and enthusiastic team of Planners, Environmental Scientists and Engineers, and considerable depth of in-house specialist personnel, to undertake an extensive range of projects. Our areas of expertise are underpinned by the principles of sustainability, reducing carbon footprint, managing resource use, protecting biodiversity and improving quality of life with a focus on stakeholder involvement from the outset.

TOBIN is an innovative consultancy firm, covering all sectors of the energy and environment market. We have significant experience and involvement in policy, regulation and standards development, at a national level, and can advise our clients on all stages of a project's lifecycle from project management, development design, assessment, planning and construction through to operation.



James Dineen is Ørsted's Project Manager for the proposed Cloghercor Wind Farm project. James brings extensive experience in renewable energy development having worked in the sector for over 10 years.

James Dineen
Project Manager, Ørsted



Emer Campbell has over 20 years' experience delivering environmental programmes and projects in Australia and Ireland. She has a background in environmental science and is passionate about delivering projects that benefit local communities and help to meet Ireland's climate targets.

Emer Campbell
Project Manager, FuturEnergy Ireland



Sean Doherty is the Community Liaison Officer for the proposed Cloghercor Wind Farm project. A resident native of Donegal, Sean is an experienced forestry manager and was involved in the planting of the Cloghercor forest site.

Sean Doherty
Community Liaison Officer



John is a Community Liaison Officer for the proposed Cloghercor Wind Farm. He is a dual-language speaker, and is happy to communicate with members of the community as Gaelige.

John Boyle
Community Liaison Officer

CUIR AITHNE AR AN FHOIREANN

Tionscadal comhfhorbairtha 50:50 idir Ørsted agus FuturEnergy Éire atá i gceist le Feirm Ghaoithe an Chlochair Chorr.

Forbraíonn, tógann agus feidhmíonn Ørsted feirmeacha gaoithe amach ón chósta agus ar talamh, feirmeacha gréine, áiseanna stórála fuinnimh, agus gléasraí bithefuinnimh, agus soláthraíonn sé tairgi fuinnimh dá chuid custaiméirí. In Éirinn, tá solbha ag Ørsted ar réimse d'fheirmeacha gaoithe ar talamh a fheidhmíonn sé, agus acmhainn iomlán acu de bhreis is 300 MW. Tá sé de rún againn an figiúr sin a mhéadú faoi bhreis is 600 MW sna deich mbliana atá amach romhainn.



Is comhlacht nua comhfhiontair é FuturEnergy

Éire atá i seilbh Choitlice agus ESS, ar bhonn 50:50, agus é mar aidhm ghníomhach aige aistriú na hÉireann chuig gaeleagar ísealcharbóin a spreagadh. Tá sé de rún ag an chomhlacht breis is 1GW d'acmhainn fuinnimh inathnuaite a fhorbairt faoi 2030 agus bheith ag cur go suntaisach le comitmit na hÉireann chun 80% dáid cuid leictreachais a tháirgeadh ó fhoinse inathnuaite faoi cheann ocht mbliana.



SAINCHOMHAIRLEOIRÍ

Tá foireann dhiograiseach ag TOBIN, agus an-taithí ag muintir na foime, ar a bhfuil Pleanáilthe, Eolaíthe Comhshaoil is Innealtóirí agus, anuas air sin, pearsanra saineolach leathan inmheánach, le tabhairt faoi réimse leathan tionscadal. Tá na príonsabail seo a leanas mar bhonn faoi na réimsí saineolaí atá againn: an inbhuanaitheacht, lorg carbóin a laghdú, úsáid acmhainní a bhainistiú, an bhithéagsúlacht a chosaint agus an caighdeán maireachtála a fheabhsú. Dirítear ar rannpháirtíocht páirtithe leasmhara ón tús.



Is é James Dineen Bainisteoir Tionscadail Ørsted ar thionscadal beartaithe Fheirm Ghaoithe an Chlochair Chorr. Tá an-taithí ag James i bhforbairt an fuinnimh in-athnuaite as siocair go bhfuil sé ag obair san earnáil le breis agus 10 mbliana.

James Dineen
Bainisteoir Tionscadal, Ørsted



Tá taithí bhreis is 20 bliain ag Emer Campbell de bheith ag seachadadh clár agus tionscadal comhshaoil san Astráil agus in Éirinn. Tá cúlra aici in eolaíocht an chomhshaoil agus tá sí páiseanta faoi bheith ag seachadadh tionscadal a théann le tairbhe phobal áitiúil agus a chuidíonn le freastal a dhéanamh ar spriocanna aeráide na hÉireann.

Emer Campbell
Bainisteoir Tionscadal, FuturEnergy Éire



Is é Sean Doherty an tOifigeach Teagmhála Pobail ar thionscadal beartaithe Fheirm Ghaoithe an Chlochair Chorr. As Dún na nGall ó dhúchas é Sean, agus tá an-taithí aige mar bhainisteoir foraoiseachta. Bhí baint aige le láithreán foraoise an Chlochair Chorr a phlandú.

Sean Doherty
Oifigeach Teagmhála Pobail



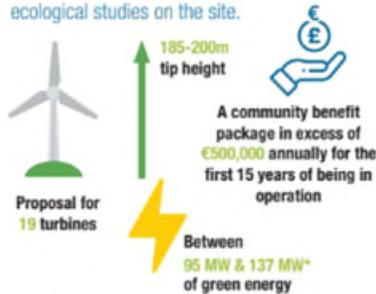
Is Oifigeach Idirghabhála Pobail é John don Fheirm Ghaoithe atá beartaithe ar an Chlochair Chorr. Tá Gaelige aige, agus é breá sásta bheith ag caint leis an phobal i nGaeilge.

John Boyle
Oifigeach Idirghabhála Pobail

Gnóclacht comhairlúcháin nuálach atá in TOBIN, a bhíonn ag plé le gach earnáil sa mhargadh fuinnimh agus comhshaoil. Tá taithí shuntasach againn i mbeartas, rialú agus caighdeán a fhorbairt, ar leibhéal náisiúnta, agus páirt glactha againn san fhorbairt sin. Thig linn comhairle a chur ar ár gclaint ag gach céim de shaoir tionscadail, biodh sin bainistíocht tionscadail, dearadh na forbraíochta, measúnú, pleanáil, tógáil agus, sa deireadh, feidhmíú.

PROPOSAL FOR CLOGHERCOR WIND FARM

Our final design proposal for Cloghercor Wind Farm represents a further reduction in the size of the development. The design has been informed by community feedback and the outcome of detailed environmental and ecological studies on the site.



Our final proposal will also allow for the development of recreational amenities around the site, including marked walking trails along the site access roads, viewing points, signage and provision of a permanent public car park with seating and picnic tables at the end of the construction phase.

SITE LOCATION

The proposed wind farm site is located 2km south of Doochary in north-west County Donegal. The elevation of the site ranges from 50m above sea level in the north and west rising to 292m above sea level in the south of the site, with a peak of 146m in the centre of the site.

The Clochar an Chuilinn flows through the site as well as several small watercourses and all flow into the Gweebarra / Owenwee (Doochary) river adjacent to the site.

Two lakes, the Aneane More and Aneane Beg, are within the site boundary. Current land cover within the site (based on CORINE land cover maps and examination of aerial imagery) comprises predominantly of 'Coniferous Forest', with some small areas classified as 'Peat Bogs' or 'Transitional Woodland-Shrub'.

*Output will depend on final design specification and the tip heights of the turbines

Within the wider landscape, peatland and commercial forestry comprises the primary land-uses in the area with some small areas of agricultural grassland also present. Access to the site is via a local access road which connects the site to the R252 to the northeast. The site can also be accessed via the southwest from the R250 and L6363.

THE DESIGN PROCESS

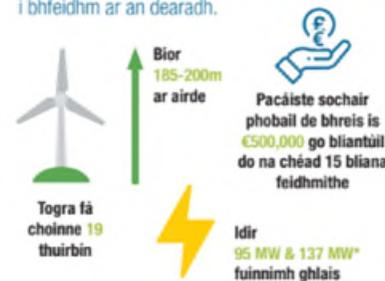
The proposal for Cloghercor Wind Farm has been an iterative process, informed and refined further to extensive studies that have been conducted both on-site and off-site. In order to assess what parts of the site are potentially suitable for constructing turbines and other infrastructure, a number of key constraints have been identified, including:

- International environmental and landscape designations (Special Areas of Conservation, Special Protection Areas, and areas of Especially High Scenic Amenity)
- Watercourses and lakes – minimising work in proximity
- Dwelling houses – ensuring setback
- Archaeological monuments and featured monuments
- Infrastructure providing existing services, such as public roads and power lines.

Site surveys have informed wider constraints including sensitive habitats which are not designated, and areas with significant slopes. The final site layout design has determined that the site will be suitable for 19 turbines. This was determined as part of the design and Environmental Impact Assessment process.

TOGRA FHEIRM GHAOITHE AN CHLOCHAIR CHORR

Tá laghdú breise ó thaobh mhéid na forbartha de i gceist lenár dtogra deiridh deartha d'Fheirm Ghaoithe an Chlochair Chorr. Chuaigh aiseolas ón phobal agus an toradh a bhí ar mhionstaidéir thimpeallachta agus éiceolaíochacha ar an láithreán i bhfeidhm ar an dearadh.



Ceadóidh ár dtogra deiridh forbairt áiseanna fóilíochta thart ar an láithreán fosta, lena n-áirítear conairí marcáilte siúil ar na bealaí isteach chuig an láithreán, láithreacha amhairc, comharthaíocht agus soláthar carrchlóis phoiblí bhuan in le suíocháin agus táblaí picnic ag deireadh na céime tógála.

SUÍOMH AN LÁITHREÁIN

Tá láithreán na feirme ghaoithe beartaithe 2km ó dheas ón Dúchóraidh in iarthuaisceart chontae Dhún na nGall. Tá airde an láithreáin idir 50m os cionn leibhéal na mara sa tuaisceart agus san iarthar, a éiríonn chomh hard le 292m os cionn leibhéal na mara ar an taobh theas den láithreán, agus tá buaic 146m i lár an láithreáin.

Tá Clochar an Chuilinn ag sruthú tríd an láithreán, mar aon le roinnt sruthchúrsaí beaga, agus iad ar fad ag sruthú isteach in Abhainn Ghaoth Beara/Abhainn Fhia (Dúchóraidh) in aice leis an láithreán.

Tá dhá loch taobh istigh de theorainn an láithreáin: Loch an Eithinn Mór agus Loch an Eithinn Beag. 'Forais Bhuaircneach' is mó atá sa chumhdach talún taobh istigh den láithreán fá láthair (punaith ar léarscáileanna cumhdaigh

talún CORINE agus scrúid ar aeríomhánna). Tá roinnt ceantair bheaga ann atá san aicme 'Portach Móra' nó 'Coilleamach-Tor Idirchriosach'.

Sa tírdhreach níos leithne, is don talamh portaigh agus don fhoraoiseacht tráchtála is mó a úsáidtear an talamh sa cheantar, agus tá cuid ceantair bheaga den fhearach talmaíochta ann chomh maith. Tá teacht ar an láithreán ó bhóthar rochtana áitiúla a dhéanann an láithreán a nascadh leis an R252 i dtreo an oirthuaiscirt. Thig teacht ar an láithreán ón iardheisceart ón R250 agus L6363.

PRÓISEAS AN DEARTHÁ

Próiseas é an togra d'Fheirm Ghaoithe an Chlochair Chorr ina mbaintear úsáid as sraith de leaganacha feathsaithí de; bíonn tionchar mionchoigeartaíche ag mórstaidéir a cuireadh i gcrích ar an láithreán agus ar shiúl uaidh ar an phróiseas seo. Le measúnú a dhéanamh maidir le cad iad na codanna den láithreán a dtiocfaid leo a bheith fóirseanach do thógáil thuirbíní agus infreastructúir eile, aithníodh roinnt príomhshrianta; seo a leanas cuid acu:

- Ainmnithe idimáisiúnta timpeallachta agus tírdhreacha (Limistéir faoi Chaomhnú Speisialta, Limistéir faoi Chosaint Speisialta, agus limistéir Sársceimhe)
- Sruthchúrsaí agus lochanna – íoslaghú oibre cóngaracha
- Tithe cónaithe – cinntiú slánachair
- Séadchomharthaí seandálaíochta agus séadchomharthaí faoi thríocht
- Infreastructúr a sholáthraíonn seirbhísí atá ann cheana, leithéidí bóithre poiblí agus línte cumhachta.

Tá suirbhéanna láithreáin i ndiaidh gabháil i bhfeidhm ar shrianta níos leithne, lena n-áirítear gnáthoga loigaire nach bhfuil ainmnithe agus limistéir ina bhfuil fánaí suntasacha san áireamh. Cinneadh sa dearadh deiridh do leagan amach an láithreáin go mbeidh an láithreán oiriúnach do 19 thuirbín. Cinneadh sin mar chuid den phróiseas deartha agus Measúnaithe Thionchair Thimpeallachta.

*Beidh an toradh ag brath ar shocrú an deartha dheiridh agus ar airde ríne na dtuirbíní

WORKING FOR THE COMMUNITY

We are committed to engaging inclusively with the whole community and developing a responsible project that is good for society and our neighbours.

Working closely with the community nearby to the proposed site, we want to help bring forward sustainable, long-term community initiatives that meet local priorities, needs and objectives.

In accordance with the government-led Renewable Electricity Support Scheme (RESS), the project will deliver a substantial and long-term community benefit fund throughout the period that Cloghercor Wind Farm is operational. This fund is expected to be approximately €500,000 for the first 15 years of the project and will include a near neighbour scheme.

The Cloghercor Wind Farm team will work with the community to ensure that the community benefit fund is directed towards local

needs, amenities and services, such as:

- Local recreational facilities
- Broadband and connectivity upgrades
- Education, skills and employment initiatives
- Local services such as community halls or community event sponsorship.

The distribution of the community benefit fund will ultimately be for the community to decide in partnership with our team.

If you would like to speak to us about the community benefit opportunities, please get in touch - we are keen to hear from you.

RECREATIONAL AMENITY

Our final proposal will also allow for the development of recreational amenities around the site, including marked walking trails along the site access roads, viewing points, signage and provision of a permanent public car park with seating and picnic tables at the end of the construction phase.



NEAR NEIGHBOUR SCHEME

The near neighbour scheme would be designed in consultation with the community. This support can take many forms including direct financial support to the household with their energy bills, payments to enable households to retrofit their homes or support for further education.

We are keen to discuss the Near Neighbour Scheme with residents close to the wind farm site and welcome your views.



Some Wind Farm, County Donegal

OBAIR AR MHAI THE LEIS AN PHOBAL

Tá muid diagraiseach ó thaobh plé a dhéanamh leis an phobal ar fad de agus tionscadal freagrach a fhorbairt a bheas dearfach don tsochail agus dár gcuid comharsan.

Agus muid ag obair go dlúth leis an phobal atá gar don láithreán atá beartaite, is mian linn tionscnaimh inbhuanaithe fadéarma phobail a chur chun cinn a dhéanfaidh cúrsaí tosaíochta, riachtanais agus cuspóirí na háite a shásamh.

I gcomhréir leis an Scéim Tacaíochta don Fhúinneamh In-Aithnaithe (RESS) a bhfuil an rialtas ina bun, bhéarfaidh an tionscadal ciste suntasach fadtéarmach chun leas an phobail isteach fad a bheas an feirm ghaoithe ag feidhmiú. Táthar ag súil leis go mbeidh thart ar €500,000 i gceist leis an ciste seo don chéad 15 bliana den tionscadal agus beidh scéim gharchóngais mar chuid de.

Beidh foireann Feirm Ghaoithe an Chlochair Chorr ag obair

leis an phobal le cinntiú go ndirítear an ciste sochair phobail ar riachtanais, áiseanna agus seirbhísí áitiúla, leithéid:

- Áiseanna áitiúla calthimh aimsire
- Uasghrádú ar leathanbhanda agus ar an nascacht
- Tionscnaimh oideachais, scileanna agus fostaíochta
- Seirbhísí áitiúla, hallaí pobail mar shampla, nó urraíocht ar imeachtaí pobail.

Sa deireadh, is faoin phobal a bheas sé cinneadh a dhéanamh, i gcomhar leis an fhoireann seo againne, fá cad é mar a dhéanfar an ciste chun leas an phobail a dhéileadh.

Más mian leat labhairt linn faoi na deiseanna atá ann i dtaca le leas an phobail de, déan teagmháil linn – ba bhreá linn cluinint uait.

ÁIS FÓILÍOCHTA

Ceadóidh ár dtogra deiridh forbairt áiseanna fóilíochta thart ar an láithreán, lena n-áirítear conairí marcáilte siúil ar na bealaí isteach chuig an láithreán, láithreacha amhairc, comharthaíocht agus soláthar carrchóis phoiblí bhuan le suíocháin agus táblaí picnice ag deireadh na céime tógála.



SCÉIM FÁ CHOINNE COMHARSANA CÓNARACHA

Dhéanfaí an scéim fá choinne comharsana cónaracha a dhearadh i gcomhar leis an phobal. Thig an tacaíocht seo a chur ar fáil ar go leor bealaí, mar shampla: tacaíocht dhíreach airgeadais don teaghlach leis billí fulnaimh, iocaíochtaí le cur ar a gcumas do theaghlach a dtíthe a iarthreistiú nó tacaíocht fá choinne breisoideachais.

Bheimis breá sásta an Scéim Gharchóngais a phlé le daoine a chónaíonn cónarach do láithreán na feirme ghaoithe agus cuireann muid fáilte roimh bhur gcuid tuairimí.



Feirm Ghaoithe an tSóir, Contae Dhú na nGall

PROGRESSING THE PROJECT

The Cloghercor Wind Farm proposal has been closely informed by detailed on-site studies as well as feedback from the community. This will form a significant part of our final design proposal.

Having introduced our initial, 23-turbine proposal to the community in July 2021, we have refined our proposal to a 19 turbine layout based on the outcome of continuing studies on-site as well as public feedback. Your feedback on this final design proposal will be taken into account as we freeze the design and prepare the planning submission for An Bord Pleanála.

THE PLANNING PROCESS

The proposed Cloghercor Wind Farm will deliver between 95-137MW of power to the grid, depending on the design specification of the wind turbines and the final tip heights. A project of this size is likely to meet the Strategic Infrastructure Development (SID) thresholds for wind energy, meaning that we will likely make our application to An Bord Pleanála.

We are committed to close engagement with the local community and irrespective of the route to applying for planning permission, there will be multiple opportunities for the public to make observations on the project.

ENVIRONMENTAL IMPACT ASSESSMENT REPORT

The detailed on-site and off-site surveys will form the basis of an Environmental Impact Assessment Report (EIA) which will be submitted with the final planning application to An Bord Pleanála.

The EIA will be presented in a number of volumes, including:

- Non-Technical Summary
- Main Report
- Appendices
- Photomontages

The EIA will describe the existing environment, the likely significant effects of the proposed development and the proposed mitigation measures. Individual specialists will undertake their evaluations of the environment including evaluation under the following topics:

1. Introduction
2. Description of the Proposed Development
3. Reasonable Alternatives
4. Population and Human Health
5. Biodiversity
6. Ornithology
7. Land, Soils and Geology
8. Hydrology and Hydrogeology
9. Shadow Flicker
10. Material Assets: Aviation and Telecommunication
11. Landscape and Visual Impact
12. Air Quality and Climate
13. Archaeology and Cultural Heritage
14. Traffic and Transportation
15. Interactions of the Foregoing
16. Schedule of Mitigation Measures.

An Appropriate Assessment Screening Report and Natura Impact Statement will also accompany any planning application. The purpose of these will be to inform An Bord Pleanála in its undertaking of an 'Appropriate Assessment' of the proposal, as required under the EU Habitats Directive.

This is an assessment of the potential for significant or adverse effects resulting from the project, both individually and in combination with other activities, plans and projects, on European Site(s) as designated under the EU Habitats Directive.

AN TIONSCADAL A CHUR CHUN CINN

Chuaigh mionstaidéir ar an láithreán i bhfeidhm go mór ar thogra Fheirm Ghaoithe an Chlochair Chorr chomh maith le haiseolas ón phobal. Beidh sin ina chuid thábhachtach d'ár dtogra deiridh deartha.

I ndiaidh dúinn ár dtogra tosaigh le 23 thuirbin a chur in iúl don phobal i Mí Iúil 2021, tá an togra mionchoigeartaithe againn chuig leagan amach 19 thuirbin bunaithe ar thordh staidéar leanúnach ar an láithreán chomh maith le haiseolas pobail. Cuirfear d'aiseolas faoi togra deiridh deartha seo san áireamh agus an dearadh á 'reo' againn agus an aighneacht pheanála á hulumhú againn don Bhorc Pleanála.

AN PRÓISEAS PLEANÁLA

Seachadfaidh an Fheirm Ghaoithe atá beartaithe don Chlochair Chorr idir 95-137 MW de chumhacht don eangach leictreachais, ag brath ar shonrú deartha na dtuirbíní gaoithe agus airde dheiridh na reann. Is dócha go gcomhlionfaidh tionscadal den mhéid seo tairseacha Forbartha Infreastruchtúir Straitéisigh (FIS) don fhuinneamh gaoithe, rud a chiallaíonn gur dócha go gcuirfidh muid ár n-iarraitas faoi bhráid an Bhoird Pheanála.

Tá muid díograiseach ó thaobh dlúthchaidreamh a bheith againn leis an phobal áitiúil agus, beag beann ar an dóigh a ndéantar an t-iarraitas ar chesad pheanála, beidh neart deiseanna ag an phobal a mbarúlacha a léiriú fán tionscadal.

TUARASCÁIL MHEASÚNACHTA TIONCHAIR TIMPEALLACHTA

Beidh na suirbhéanna mionsonraithe ar an láithreán agus ar shiúl uaidh mar bhonn ag Tuarascáil ar Mheasúnacht Tionchair Thimpeallachta (TMTT) a chuirfear faoi bhráid an Bhoird Pheanála leis an iarraitas deiridh pheanála.

Cuirfear an TMTT i láthair i roinnt codanna, lena n-áirítear:

- Achoimre Neamhtheicniúil
- An Pírlómhthuarascáil
- Aguláin
- Fótamontáisi

Sa Tuarascáil Mheasúnachta Tionchair Timpeallachta, déanfar cur síos ar an timpeallacht faoi mar atá i láthair na huair, ar na torthaí is dócha a bheas ann mar thoradh ar an fhorbraíocht atá beartaithe agus ar na bearta maolaithe atá beartaithe. Tabharfaidh speisialtóirí ar leith faoi mheasúnuithe a dhéanamh ar an timpeallacht, ina gcuirfear san áireamh measúnú faoi na topaicí seo a leanas:

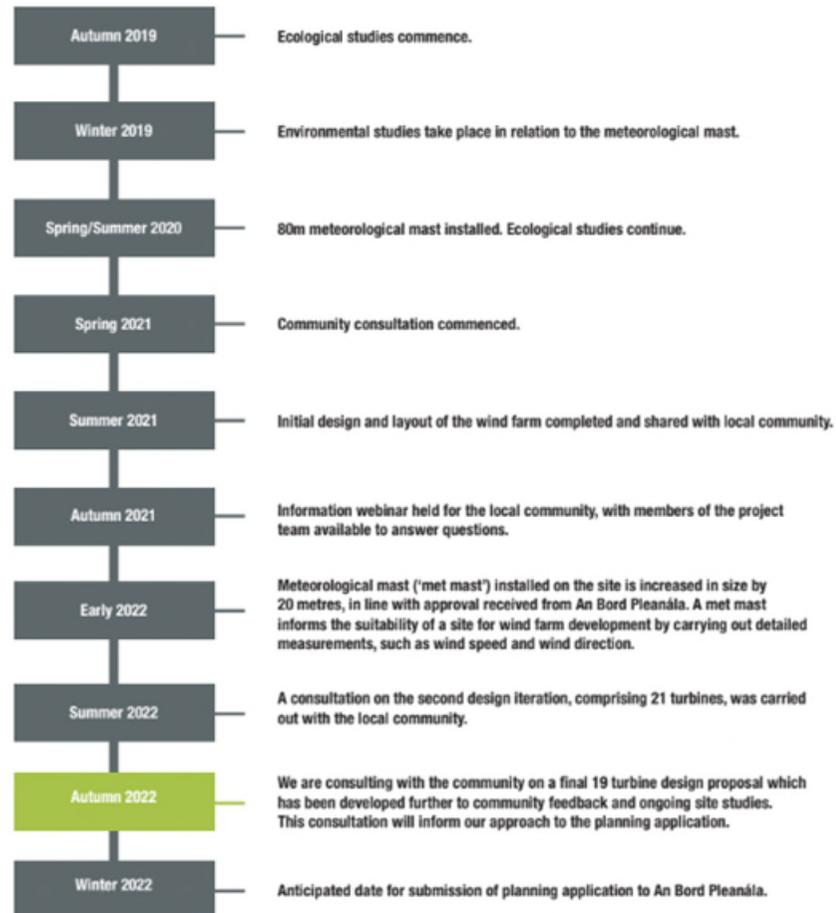
1. Intreoir
2. Cur Síos ar an Fhorbairt atá Beartaithe
3. Roghanna Réasúnta Eile
4. Daonra agus Sláinte na nDaoine
5. Bíthéagsúlacht
6. Éneolaíocht
7. Talamh, Créanna agus Geolaíocht
8. Hidreolaíocht agus Hidrigeolaíocht
9. Caocháil Scáileanna
10. Sócmhainní Ábhartha: Eitíocht agus Teileachumarsáid
11. Tirdhreach agus Tionchar Fisiúil
12. Caighdeán an Aeir agus an Aeráid
13. Seandálaíocht agus Oidhreacht Chultúrtha
14. Trácht agus Iompar
15. Idirghníomhuithe na Rudaí atá Luaithe Cheana
16. Sceideal na mBearta Maolaithe

Beidh Tuarascáil maidir le Scagadh le haghaidh Measúnacht Chuí, chomh maith le Ráiteas Tionchair Natura, mar chuid d'aon iarraitas pheanála a dhéantar fosta. Is é an cuspóir a bheas leo sin ná an Bord Pleanála a chur ar an eolas agus é ag tabhairt faoi 'Measúnacht Chuí' den togra, mar a éilítear faoi Threoir an Aontais Eorpach maidir le Gnáthóga.

Measúnacht atá i gceist leis sin le fáil amach an bhféadadh iarmhairtí suntasacha nó díobhála a bheith ann mar gheall ar an tionscadal, an tionscadal leis féin nó in éineacht le gníomhaíochtaí, pleananna agus tionscadal eile, ar Láithreán Eorpach Láithreán Eorpach mar atá ainmnithe faoi Threoir an Aontais Eorpach maidir le Gnáthóga.

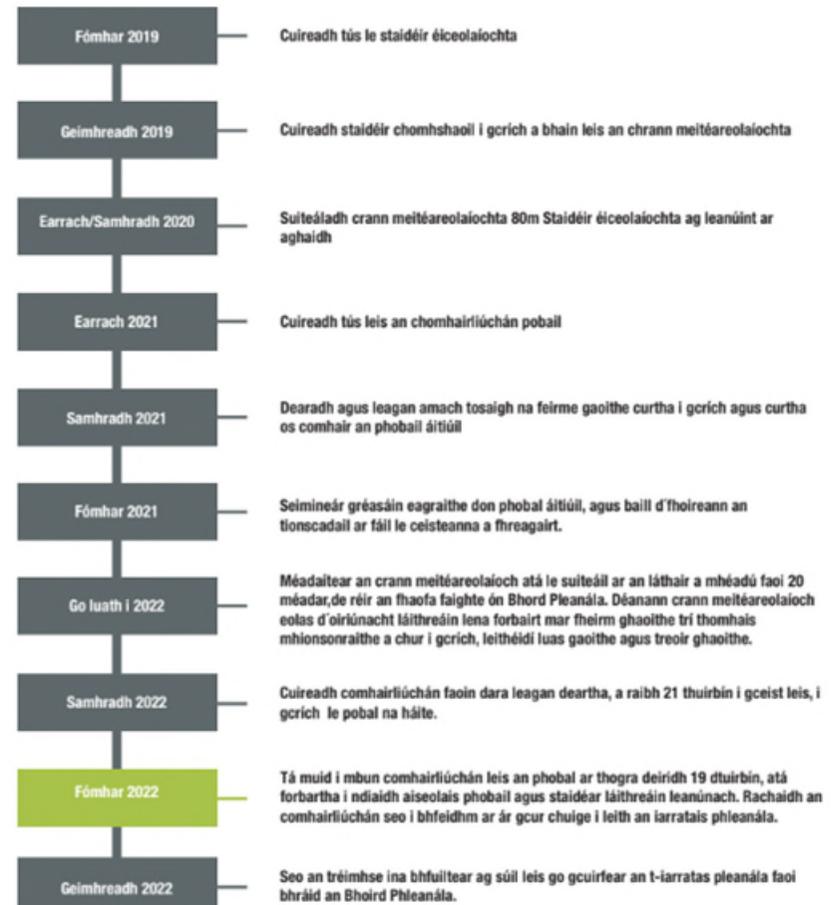
PROGRESSING THE PROJECT

PROJECT TIMELINE



AN TIONSCADAL A CHUR CHUN CINN

AMLÍNE AN TIONSCADAIL



ENGINEERING AND ASSOCIATED WIND FARM INFRASTRUCTURE

The proposed wind farm will consist of:

- 19 wind turbines
- Overall blade tip height of between 185-200m
- Rotor diameter of between 149-164m
- All associated foundations and hard-standing areas in respect of each turbine.

DESIGN ENVELOPE

The design envelope provides defined range of turbine dimensions that could be used on the site. The final design dimensions will be determined by the turbine manufacturer that is chosen for the project as part of a competitive tender process. Once decided it is expected that all turbines will have the same dimensions.

CONSTRUCTION

Numerous methodologies have been undertaken to develop proposals for the associated engineering and infrastructure plans. These will be outlined in the planning application, and will include detail on:

- The site roads to each turbine location. The roadways will have a running width of approximately 5 metres, with drainage checks and measures installed from the outset to ensure there is no uncontrolled runoff from the site during works
- Installation of one permanent meteorological mast
- Construction of two temporary construction compounds with associated temporary site offices, parking areas and security fencing
- Ancillary forestry felling to facilitate construction and operation of the proposed development and any onsite forestry replanting
- Drainage and sediment control systems to manage water run-off both during construction and after the wind farm becomes operational.

Construction of the turbine bases will require excavation of the surrounding soil from the foundation and crane hardstanding area to founding level. The soil will be replaced with granular fill where required. Each wind turbine will require a reinforced concrete foundation (See Figure 1).

Hardstand areas will also be constructed around each turbine base to accommodate large cranes, facilitate access, turbine

assembly and turbine erection.

It is proposed that one or more borrow pits will be constructed as part of the proposed development, in order to provide a source for the majority of stone material requirements within the site itself, thereby reducing the potential impacts on local roads and the environment.

GRID CONNECTION

The construction and electrical components of the substation and grid connection will be to EirGrid specifications. A new on-site, permanent substation will be constructed to export generated power from the wind farm to the transmission system. Each turbine will be connected to the proposed on-site substation at Cloghercor via underground cables. Fibre-optic cables will also connect each wind turbine to the wind turbine control system located within the Control Building.

If approved, it is our intention that the proposed onsite substation will connect to the grid via a loop-in 100 kV underground cable connection to the existing Ardnagappary to Tievebrack 110 kV line in the townland of Cloghercor, Co. Donegal, with two new steel lattice loop-in/out masts at the connection point.

TURBINE DELIVERY

The map below indicates the proposed turbine delivery route, starting from Killybegs Port. This route has been determined by detailed computer modelling of vehicle movements in addition to site visits, ensuring that the turbine components can arrive at the site smoothly and with minimal disruption to other road users.



Figure 1 – Steel reinforcement being added to foundation

INNEALTÓIREACHT AGUS BONNEAGAR A BHAINNEAN LEIS AN FHEIRM GHAOITHE

Beidh i gceist leis an fheirm ghaoithe atá beartaithe:

- 19 dtuirbín gaoithe
- Airde iomlán rinne laine de idir 185 – 200 m
- Trastomhas rôtair de idir 149 - 164 mhéadar
- Gach dúshraith agus limistéar cruastad (pábháilte) gaolmhar i dtaca le gach tuirbín.

RÉIMSE DEARTHA

Cuireann an réimse deartha raon sainmhíthithe de thoisí tuirbín ar fáil a dtiocfaidh linn iad a úsáid ar an láithreán. Cinnfear na toisí deiridh deartha ag an déantóir tuirbíní a roghnaítear don tionscadal mar chuid de phróiseas tairisceana iomaíoch. Nuair a dhéanfar an sonrú tá muid ag súil leis go mbeidh na toisí céanna ag baint leis na tuirbíní ar fad.

TÓGÁIL

Tugadh faoi dhóigheanna éagsúla le tograí a fhorbairt do na piananna gaolmhara innealtóireachta agus infreastruchtúir. Cuirfear síos orthu sin san iarratas pianála, agus sonraí le fáil ann mar gheall ar:

- Na bealaí isteach chuig láithreán gach tuirbín. Beidh leithead reatha de thart ar 5 mhéadar ag na bóithre, le seiceálacha draenála agus bearta curtha isteach ón tús le cinntiú nach bhfuil rith chun srutha ar bith neamhrialaíthe ón láithreán le linn na n-oibreacha
- Sùiteáil aon chrainn mheitéareolaíoch bhuaní amháin
- Tógáil dhá chompún tógála shealadacha le hoilígi láithreán shealadacha ghaolmhara, limistéir pháirceála agus fáil slándála



Figúr 1 – Nearthú cruch á chur le bunraith

- Leagan foraoiseachta le cuidiú le tógáil agus feidhmíú na forbartha atá beartaithe chomh maith le hathphlandáil thoroiseachta ar bith ar an láithreán
- Córais rialaithe draenála agus dríodair le rith chun srutha uisce a bhainistiú, le linn tógála agus i ndiaidh don fheirm ghaoithe tosú ag feidhmíú.

Caithear an ithir atá mórthimpeall a thochailt ón bhunraith agus ó limistéar crua-sheasta na craenach go dtí an leibhéal bunaidh má táthar le boinn na dtuirbíní a thógáil. Cuirfear líonadh gráinneach in áit na hithreach nuair is gá. Beidh bunraith coincréite treisithe de dhíobháil ar gach tuirbín gaoithe (Amharc Figiúr 1). Tógfar limistéir chrua-sheasta thart ar gach bonn tuirbín le freastal ar chraenacha móra, le bealach isteach a éascú agus go mbeifear in ann tuirbíní a chur le chéile is a chur in airde.

Tá sé beartaithe go ndéanfar poll cartá nó níos mó a thógáil mar chuid den thorbriocht beartaithe, ionas go gcuirfear ar fáil foinsé le tromlach na riachtanas ábhair cloiche a sholáthar taobh istigh den láithreán féin agus, mar sin de, go laghdófar an tionchar a d'fhéadfaid a bheith ann ar bhóithre áitúla agus ar an timpeallacht.

NASCADH LEIS AN EANGACH

Déanfar tógáil agus comhpháirteanna leictreacha an fhostáisiúin agus an nasctha leis an eangach i gcomhréir le sonraíochtaí EirGrid. Tógfar fostáisiún nua bun ar an láithreán leis an chumhacht a ghintear a easpórtáil ón fheirm ghaoithe chuig an chóras tarchuir. Bainfear feidhm as cáblaí faoi thalamh le gach tuirbín a nascadh leis an fhostáisiún atá beartaithe ar an láthair ar an Chlochair Chorr. Déanfaidh cáblaí snáthoptaice gach tuirbín gaoithe a nascadh le córas rialaithe na dtuirbíní gaoithe a bheas suite san Fhoirgneamh Rialaithe.

Má chéadaítear é, tá sé de rún againn go gceanglófar an fostáisiún atá beartaithe le bheith ar an láithreán leis an eangach leictreachais trí mheán naisc chábla faoi thalamh lúb isteach 100 kV chuig an líne 110 kV atá ann cheana ó Ard na gCeapairí go dtí an Taobh Breac i mbaile fearann an Chlochair Chorr, Co. Dhún na nGall, le dhá chrann nua lattice cruch lúb isteach / amach ag an pointe ceangail.

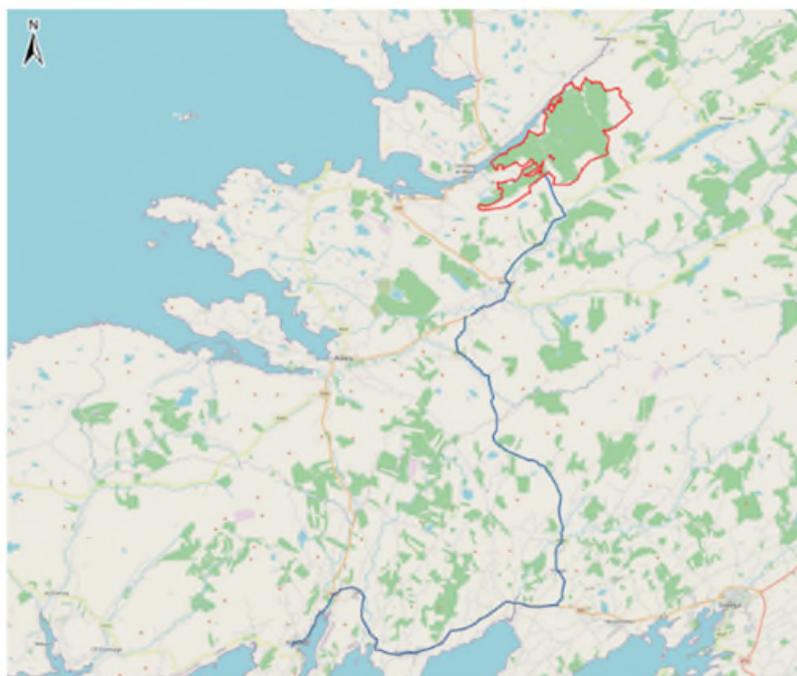
ENGINEERING AND ASSOCIATED WIND FARM INFRASTRUCTURE

A new main site entrance will be constructed, with access onto the L6483 local road, and utilisation of a permitted forest entrance to the L6483 as a secondary construction phase access point to the wind farm.

Improvements and temporary modifications will be made to existing public road infrastructure to facilitate delivery of abnormal loads, as well as turbine delivery and construction access at a number of locations between the site and the port of Killybegs.



Typical turbine delivery vehicle.



Intended turbine delivery route.

INNEALTÓIREACHT AGUS BONNEAGAR A BHAINNEANN LEIS AN FHEIRM GHAOITHE

TUIRBÍNÍ A SHEACHADADH

Léiríonn an léarscáil thíos an bealach seachadta atá beartaithe do na tuirbíní, ag tosú ó Fhort na gCealla Beaga. Cinneadh an bealach seo ag samhaltú mionsonraithe ríomhaireachta de ghluaiseachtaí feithicilí chomh maith le bheith ag tabhairt cuairte ar láithreán, ag cinntiú go dtig le comhpháirteanna na dtuirbíní an láithreán a bhaint amach go réidh, agus ag cur isteach a laghad agus is féidir ar dhaoine eile atá ag úsáid na mbóithre.

Tógfar príomhbhealach nua isteach chuig an láithreán, le teacht aige ar an bhóthar áitiúil, L6483, agus úsáid bhealaigh cheadaithe thoraíse isteach chuig an bhóthar L6483 mar an dara pointe isteach chuig an fheirm ghaoithe le linn na tógála.

Cuirfear feabhas ar infreachtúr na mbóithre poiblí atá



lámh-anna de na feithicilí seachadta tuirbíní a úsáidtear de ghnáth.

ann faoi láthair agus déanfar athruithe sealadacha dóibh le seachadadh ualach neamhghnách a éascú, chomh maith le seachadadh tuirbíní agus teacht ar an láithreán tógála ag roinnt áiteanna idir an láithreán féin agus port na gCealla Beaga.

An bealach atá beartaithe leis na tuirbíní a sheachadadh



BIODIVERSITY ON SITE

SCOPE OF SURVEYS AND ASSESSMENT

Our biodiversity assessments have identified important habitats and species that are present in and around the wind farm sites, and the potential impacts from the proposed developments.

First we define the Zone of Influence (ZOI), which can extend outside the wind farm site. We then carry out surveys and research to map the distribution of the important habitats and species within the ZOI, and to understand how the species use the ZOI, using relevant scientific research as well as specialised techniques (such as collision risk modelling for birds) to predict impacts.

If any potentially significant impacts are identified, we develop mitigation measures to address these impacts. The Natura Impact Statement assesses the impacts on designated features of European sites (Special Areas of Conservation and Special Protection Areas). The Biodiversity chapter in the Environmental Impact Assessment Report assesses the impacts on other important habitats and species.

HABITATS AND VEGETATION

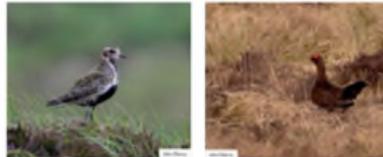
The wind farm site is mainly occupied by plantation forestry but open bog and heath habitats occur, mainly on high ground along the eastern and southern margins of the site. The habitat survey will map and classify all habitats within the site, with a particular focus on Annex I habitats (such as blanket bog and wet heath). Detailed botanical surveys will be carried out of the areas around the proposed locations of the turbine bases, and other proposed infrastructure.



Example images of habitats on site (blanket bog and heath).

BIRDS

Bird populations have been surveyed within the relevant ZOIs, extending up to 6km outside the wind farm site. Standard survey methods have been used to assess populations of sensitive species, and overall we will spend in excess of 1,650 hours carrying out vantage point surveys to assess patterns of flight activity across the wind farm site.



Images of birds in the area (Golden Plover and Red Grouse).

Disturbance and displacement impacts will be predicted using best knowledge from relevant scientific research, and making precautionary assumptions where evidence is limited. Collision risk modelling has been used to predict the likely number of collisions per year based on the patterns of flight activity recorded in the vantage point surveys and the wind turbine parameters.

BATS

Static surveillance is undertaken according to wind farm survey guidelines to determine bat species present and activity level at static stations. The data collated will be analysed using the Bat Eco Tool.

Walking transects have been undertaken along accessible paths within the survey area and along the local road network to document the local bat populations in relation to commuting and foraging habitats. Driving transects of local road network have been undertaken for a 10km radius to document the local bat populations in relation to commuting and foraging habitats. We have also undertaken dusk and dawn surveys of buildings and structures within and adjacent to the proposed development to document bat roosts. All of the transect works have been undertaken in accordance with the most up-to-date scientific guidance.

AN BHITHÉAGSÚLACHT AR AN LÁTHAIR

RAON FEIDHME SUIRBHÉIREACHTAÍ AGUS MEASÚNAITHE

Tá ár gúid measúnachtaí bithéagsúlachta i ndiaidh gnáthóga agus speicis thábhachtacha a aithint atá le fáil ar láithreán na feirme ghaoithe agus timpeall orthu, agus na tionchair a dtiocfadh leo a bheith i gceist ag na forbairtí atá beartaithe.

Sa chéad dul síos, déanann muid an Críos Tionchair a shainmhíniú. Thig leis sin a bheith níos faide ar shiúl ná láithreán na feirme ghaoithe. Tugann muid faoi shuirbhéireachtaí agus taighde le dáileadh na ngnáthóg agus na speiceas thábhachtach taobh istigh den chrios tionchair a mhapáil, agus le tuiscint a fháil fá cad é mar a úsáideann na speicis an críos tionchair. Baineann muid feidhm as taighde ábhartha eolaíoch mar aon le teicnící speisialaithe (samhaltú ar an bhaol imbhuailte i gcás éanacha, mar shampla) le tionchair a thuar.

Má aithnítear aon tionchair a d'fhéadfadh a bheith suntasach, déanann muid bearta maolaithe a fhorbairt le dul i ngleic leis na tionchair sin. Sa Ráiteas Tionchair Natura, déantar na tionchair a mheas ar ghnéithe sainithe a bhaineann le láithreán Eorpacha (Limistéir faoi Chaomhnú Speisialta agus Limistéir faoi Chosaint Speisialta). Sa chaibidil faoin Bhithéagsúlacht sa Tuarscáil Mheasúnachta Tionchair Timpeallachta, déantar na tionchair ar ghnáthóga agus speicis thábhachtacha eile a mheasúint.

GNÁTHÓGA AGUS FÁSRA

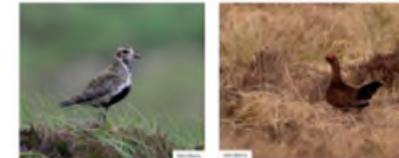
Fóraoiseacht fáschoille is mó atá le fáil ar láithreán na feirme ghaoithe. Tá portaigh oscailte agus gnáthóga fraochmhá ann fosta, ar thalamh ard den chuid is mó, taobh le ciumhaiseanna thoir agus theas an láithreáin. Sa tsuirbhéireacht ar ghnáthóga, déantar na gnáthóga ar fad sa láithreán a mhapáil is a aicmiú, agus díreofar go sonrath ar ghnáthóga Agusín 1 (braithportach agus fraochmhá fhliuch, cuir i gcás). Déantar suirbhéireachtaí mionsonraithe luibheolaíoch ar na limistéir thart faoi shuíomhanna beartaithe bhoinn na dtuirbíní agus suíomhanna an bhonneagair eile atá beartaithe.



Íomhánna samplacha de ghnáthóga ar an láthair (braithportach agus fraochmhá).

ÉANACHA

Rinneadh suirbhéireacht ar líon na n-éan taobh istigh de na críosanna tionchair bainteacha, suas le 6km taobh amuigh de láithreán na feirme ghaoithe. Baineadh feidhm as modhanna caighdeánacha suirbhéireachta le líon na bpo-baí a mheas fá choinne speicis atá leochaileach. Ar an iomlán, tá muid ag cailteamh breis agus 1,650 uair an chloig ag tabhairt faoi shuirbhéireachtaí stáitse a dhéanamh le pa-trúin ghníomhaíochta eitilte a mheas ar fud láithreán na feirme ghaoithe.



Íomhánna d'éanacha sa cheantar (Feadóig Shúil agus Coileach Fraoigh).

Bainfead leas as an eolas is fearr atá againn ó thaighde eolaíoch leis an tionchar ó shuíthead agus dláithriú a thuar. Nuair nach bhfuil ann ach fianaise theoranta, déantar barúlacha réamhchúramacha.

Úsáidfead samhaltú ar an bhaol imbhuailte le linn na n-imbhuailtí is dócha a bheas ann gach bliain a thuar. Tá úsáid bainte againn as samhaltú baol imbhuailte le líon na gcásanna imbhuailte a thuar ar dócha go dtarlóidh siad, bunaithe ar na patrúin gníomhaíochta eitilte a tháinig sna suirbhéireachtaí stáitse agus ar pharaiméadair na dtuirbíní ghaoithe.

BIODIVERSITY ON SITE



Image of aquatic habitat and typical macroinvertebrate sampling.

AQUATIC BIODIVERSITY

The wind farm site includes several small watercourses, while some small lakes occur within and around the site. As all the watercourses in the wind farm site all drain northwards to the Gweebarra Estuary, runoff from the wind farm site will not enter the upper catchment of the Owena. In addition, appropriate mitigation measures will be used to minimise any potential for impacts.

Aquatic habitat assessment has been carried out using the methodology provided in the Scottish Environment Protection Agency's "River Habitat Survey in Britain and Ireland Field Survey Guidance Manual: 2003 Version".

Aquatic surveys included kick sampling (for benthic macroinvertebrates, where suitable habitat exists) to establish a baseline water quality rating at suitable locations and a review of habitat suitability for Annex II species such as White-clawed Crayfish, Salmon and Lamprey.



An initial Aquatic assessment has been carried out. The scope covered the following elements:

- Characterisation of the aquatic receiving environment
- Identification of any immediate or downstream aquatic ecological sensitivities
- Surveyed the watercourses for salmonid and lamprey spawning and nursing habitat, finding that the watercourses are low suitability for spawning and nursing
- Identified site vulnerabilities that may require specific mitigation
- Classified watercourses in terms of their local, national and international importance

Surveys have shown low suitability for fish in the watercourses on site and our initial findings will be discussed with Inland Fisheries Ireland (IFI).

OTHER SPECIES

Surveys will also be carried out for other species of conservation importance, including Marsh Fritillary, Otter, Badger, Pine Marten, Red Squirrel, Common Frog, Smooth Newt and Common Lizard.

AN BHITHÉAGSÚLACHT AR AN LÁTHAIR

IALTÓGA

Tugtar faoi fhaireachas ina stad, de réir treoirínte suirbhéireachta feirmeacha gaoithe, le fáil amach an bhfuil speiceas ialtóg i láthair agus leis an leibhéal gníomhaíochta a shocrú ag stáisiúin ina stad. Bainfear feidhm as an uirlis Bat Eco le hanaílís a dhéanamh ar na sonraí a chuirfear le chéile.



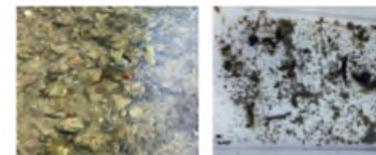
Tugadh fosta faoi thraschríosanna siúil ar feadh cosán insroichte taobh istigh de limistéar na suirbhéireachta agus ar feadh an líonra bóithre áitiúla leis na pobail áitiúla ialtóg a tháifeadh i dtaca le taimistriú agus gnáthóga sealgairachta de. Tugadh faoi thraschríosanna tiomána de líonra na mbóithre áitiúla fá choinne raon 10km leis na pobail áitiúla ialtóg a tháifeadh i dtaca le taimistriú agus gnáthóga sealgairachta de. Lena chois sin, thug muid faoi shuirbhéireachtaí luí agus éirí na gréine ar fhoirgnimh agus struchtúir cóngarach don fhorbalocht bheartaíthe agus in aice léi le faráí ialtóg a tháifeadh. Tugadh faoi na holtbreacha traschreasa ar fad i gcomhréir leis an treoir eolaíoch is úire.

AN BHITHÉAGSÚLACHT UISCEACH

Tá méid áirithe sruthchúrsaí ann ar láithreán na feirme gaoithe, agus tá cúpla loch beag ann taobh istigh den láithreán agus thart air. Ar an ábhar go mblinn na sruthchúrsaí ar fad ar láithreán na feirme gaoithe ag taoscadh ó thuaidh chuig Inbhear Ghaoth Beara, ní rachaidh rith chun srutha ó láithreán na feirme gaoithe isteach i ndobharcheantar uachtarach Abhainn Fhía. Chomh maith leis sin, úsáidfear bearta cuí maolaíthe le hiamhairtí potéinsúla ar bith a mhaolú.

Leis an mheasúnacht ar ghnáthóg uisceach a dhéanamh, baineadh feidhm as an mhodheolaíocht a thugtar sa lámhleabhar atá curtha ar fáil ag Gníomhaireacht Caomhnaithe Comhshaoil na hAilbhan, is é sin "River Habitat Survey in Britain and Ireland Field Survey Guidance Manual: 2003 Version".

I suirbhéireachtaí uisceacha baineadh feidhm as sampláil speiche (fá choinne maicrinveiteabraigh bheantacha, nuair is ann do ghnáthóg chu) le bonnlíne a tháil don rátaíl ar cháilíocht an uisce in áiteanna fóirsteanacha agus le hathbhreithniú a dhéanamh ar oiriúnacht na gnáthóga fá choinne speicis Aguisín II, píardóg láithbhán, bradáin agus loimpre mar shampla.



leibhéal de ghnáthóg uisceach agus sampláil thipiciál maicrinveiteabrach.

Rinneadh measúnóg uisceach tosaigh. Chlúdaigh an scóip na heilimintí seo a leanas:

- Treithniú na timpeallachta uisci glactha
- Sainnithint aon íogaireachtaí éiceolaíochta uisceacha láithreacha nó le sruth
- Rinneadh suirbhé ar na sruthchúrsaí do sciltheadh salmainide agus loimpre agus mar ghnáthóg iascairne, ag fáil amach gurbh ar éigean go bhfuil na sruthchúrsaí oiriúnach do sciltheadh agus mar áit iascairne
- Aithníodh leochalleachtaí sa láithreán a dtiocfadh le maolú sonracha a bheith de dhíobháil orthu
- Aicmiúid sruthchúrsaí ó thaobh an tábhacht atá acu de go háitiúil, go náisiúnta agus go hidirnáisiúnta

Léirigh suirbhéanna gurbh ar éigean go raibh na sruthchúrsaí oiriúnach d'éisc ar an láthair agus pléfead ár gcinneadh tosaigh le hiascach Intire Éireann (IIE).

SPECIS EILE

Déanfar suirbhéireachtaí fosta fá choinne speicis eile a bhfuil tábhacht ag baint leo ó thaobh an chaomhnaithe de, ina measc siúd: an fritiléán réisc, an dobharchú, an broc, an cat crainn, an t-kora rua, an frog coiteann, an laghairt choiteann agus an t-earc coiteann.

LANDSCAPE AND VISUAL

Detailed studies have assessed the landscape and visual impact of the proposed wind farm. The findings of these studies will be incorporated into a Landscape and Visual Impact Assessment (LVIA) which will form part of the Environmental Impact Assessment Report that will be submitted with the final planning application for Cloghercor Wind Farm.

Landscape Impacts consider:

- The 'landscape' as a resource in its own right
- The physical effects of the wind energy development on landscape features and/or land cover
- Effects on landscape character

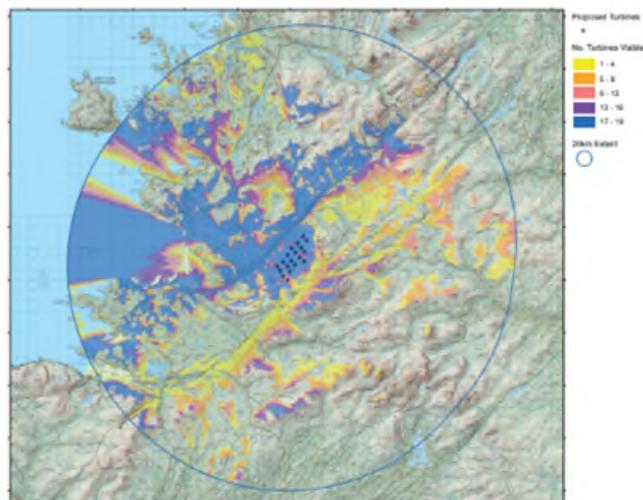
Wind farms have a stronger potential to influence landscape character than physical landscape fabric.

Visual Impacts take assessment of:

- Visual receptors such as people and groups of people in a range of viewing scenarios, which can influence their sensitivity to visual change (for example, hill walkers vs motorway commuters)
- Visual change that may occur as a result of 'visual obstruction' (e.g. blocking of a view), but in the case of wind farms, it typically relates to visual intrusion (i.e. the addition of new elements within a view)
- Impacts relate only to visual change and how this might affect 'visual amenity' or the values associated with a particular view

WHERE WILL THE PROPOSED WIND FARM BE VISIBLE FROM?

Computer-generated Zone of Theoretical Visibility (ZTV) maps are used to determine where the proposed turbines may be visible from in a 'bare-ground' scenario (i.e. without accounting for screening by vegetation, embankments and/or buildings, for example). ZTV maps also aid in the selection of representative viewpoints, which are used as the basis of the Visual Impact Assessment.



Zone of Theoretical Visibility

CÚRSAÍ TÍRDHREACHA AGUS FÍSIÚLA

Tá measúnú déanta againn le mionstaidéir ar an tírdhreach agus ar thionchar físiúil na feirme gaoithe atá beartaithe. Déanfar cinneadh na staidéar seo a ionchorpnú i Measúnú Tionchair Tírdhreacha agus Físiúil (MTTF) a bheidh mar chuid den Tuarascáil um Measúnú Tionchair Thimpeallachta a chuirfead isteach leis an iarratas deirídh pleanála le haghaidh Fheirm Ghaoithe an Chlochair Chorr.

San Tionchair ar an Tírdhreach, cuirtear ar na áireamh:

- An 'tírdhreach' mar achmhaín as féin
- Éifeachtaí fisiceacha na forbraíochta fuinnimh gaoithe ar ghnéithe tírdhreacha agus/nó ar chumhdach talún
- Éifeachtaí ar shaintréithe an tírdhreacha

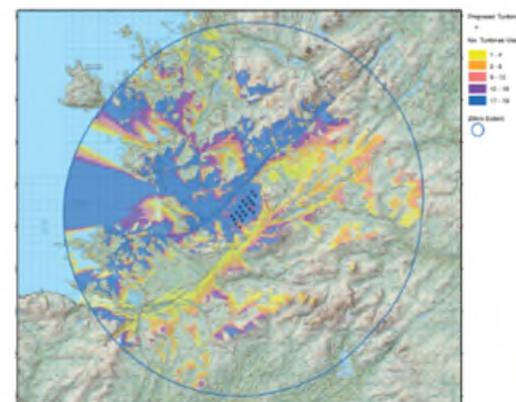
Tá níos mó seans ann go n-imreoidh feirmeacha gaoithe tionchar ar shaintréithe an tírdhreacha ná ar chreatlach an tírdhreacha go fisiceach.

I gcás Tionchair Físiúla, déantar measúnacht orthu seo:

- Gabhdóirí físiúla ar nós daoine agus grúpaí daoine i meascán cásanna amhairc, cásanna a dtig leo tionchar a imirt ar a mhéad a thugann na daoine athrú físiúil fá deara (mar shampla, siúlóirí sléibhe i gcoinne comaitéirí ar mhótarbhealach)
- Thig athrú físiúil a bheith ann de bharr 'bac físiúil' (e.g. radharc a bheith bachtach), ach i gcás feirmeacha gaoithe, cur isteach físiúil a bios ann de ghnáth (i.e. gnéithe nua a chuirtear isteach i radharc)
- Ní bhaineann tionchair ach le hathrú físiúil agus cad é mar a thiocfadh leis seo tionchar a imirt ar an 'taltneamhacht físiúil' nó ar na luachanna a bhaineann le radharc ar leith

CÁ HÁIT A MBEIFEAR ÁBALTA AN FHEIRM GHAOITHE ATÁ BEARTAITHE A FHEICEÁIL?

Úsáidtear léarscáileanna a ghineann ríomhaire a dtugtar Crios Léargais Theoiriciúil orthu le socrú cá háit a mbeifear ábalta na tuirbíní atá beartaithe a fheiceáil, b'fhéidir, i gcás talamh lom (i.e. gan clúdach ó fhásra, claifóirt agus/nó foirgnimh, mar shampla, a chur san áireamh). Tá léarscáileanna Creasa Léargais Theoiriciúil ina gcuidiú fosta le hionaid amhairc shamplacha a roghnú, a úsáidtear mar bhonn don Mheasúnacht Tionchair Físiúil.



Crios Léargais Theoiriciúil

LANDSCAPE AND VISUAL

WHAT WILL THE WIND FARM LOOK LIKE?

Wireframe images illustrate the manner in which the turbines will appear from particular viewpoints in a 'bare-ground' scenario. These aid the wind farm design process. Not only do they indicate the degree of turbine visibility, they also reveal the aesthetic attributes of the scheme, such as profile, spacing and overlapping etc.

You can view a selection of wireframes and photo-realistic photomontages further through the exhibition from a selection of representative viewpoint locations.

For the proposed Cloghercor Wind Farm, there will be approximately 30 receptor locations which will be used as the basis of the Visual Impact Assessment. The preparation of photomontages is governed by strict guidance that focusses on achieving a high degree of spatial accuracy (size/location) presented in a format that reflects real-world viewing conditions (size of image/specified viewing distance).

PLANNING POLICY CONTEXT

Chapter 7 – 'The Natural and Built Heritage' of the current Donegal County Development Plan incorporates landscape and visual policies and objectives, some of which are relevant to the proposed development. The landscape of County Donegal is categorised into '3 layers of value' which include 'Areas of Especially High Scenic Amenity (EHSA)', 'Areas of High Scenic Amenity (HSA)' and 'Areas of Moderate Scenic Amenity (MSA)'.

Whilst the site of the proposed Cloghercor Wind Farm encompasses some EHSA designations, the majority of the site is comprised of lands located within the MSA designation, the lowest of three scenic amenity designations. The nearest protected view in relation to the site is located some 1.5km southwest of the site boundary at the N56 – Gweebarra Bridge.



Scenic amenity designations and protected views (Donegal County Development Plan) within the study area

CÚRSAÍ TÍRDHREACHA AGUS FÍSIÚLA

CAD É AN CHUMA A BHEAS AR AN FHEIRM GHAOITHE?

Léiríonn lomhánna sreangshamlacha cad é an chuma a bheas ar na tuirbíní ó ionaid amhairc ar leith i gcás 'talamh lom'. Cuidíonn siad le próiseas deartha na bhfeirmeacha ghaoithe. Cuireann siad in iúl chomh feiceálach is a bheas tuirbín agus, lena chois sin, léiríonn siad gnéithe aeistéitice na scéime, próifíl, spásáil agus forlú etc., cuir i gcás.

Thig leat amhairc níos mó ar rogha sreangthrámaí agus fótamontáisi atá chomh réalaíoch le grianghraif trína dtaispeáint ó rogha de láithreacha amhairc ionadaíocha.

I gcás na Feirme Gaoithe atá beartaithe don Chlochar Chorr, beidh thart ar 30 suíomh gabhdóra ann a úsáidtear mar bhonn faoin Mheasúnacht Tionchair Fhísiúil. Tá treoir dhian ann a dhéanann uilmhúchán fótamontáisi a rialú, ina ndírítear isteach ar cuid mhór cruinneas spásúil (méid/suíomh) a bhaint amach a chuirtear i láthair i bhformáid atá ag teacht le coinníollacha amhairc san fhíorshaol (méid na hiomhá/an t-achar amhairc a shonraítear, conditions (size of image/specified viewing distance).

COMHTHÉACS AN BHEARTAIS PLEANÁLA

I gCaibidil 7 – 'An Oidhreacht Nádurtha agus Thógtha' de Plean Forbartha Contae reatha Dhún na nGall, cuirtear san áireamh beartaíocht agus cuspóirí tírdhreacha agus físiúla, agus tá cuid acu sin a bhaineann leis an fhorbraíocht atá beartaithe. Tá tírdhreach Chontae Dhún na nGall á chatagóiriú mar '3 shraith luacha', ina measc 'Limistéar Sárscémhíche (EHSA)', 'Limistéar Ardscémhíche (HSA)' agus 'Limistéar Meánscémhíche (MSA)'.

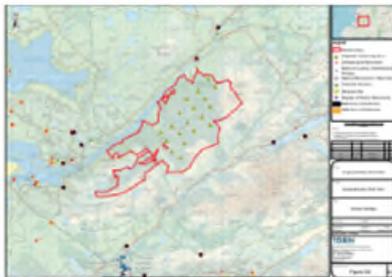
Cé go bhfuil cuid den láithreán ar a mbeadh Feirm Ghaoithe beartaithe an Chlochair Chorr sonraithe mar EHSA, is iad tailte atá ainmnithe mar MSA, an sonrú is ísle de na trí shonrú scémhíche, atá i gceist leis an chuid is mó den láithreán. Tá an radharc cosanta is gaire, i dtaca leis an láithreán de, suite thart ar 1.5km siar ó dheas ó theorainn an láithreáin ag Droichead Ghaoth Beara – an N56.



Sonríocháin mar limistéar ardscémhíche agus radharc chosanta (Plean Forbartha Contae Dhún na nGall) taobh istigh de limistéar an stáid

CULTURAL HERITAGE

The cultural heritage study assesses the potential effects of the proposed Cloghercor Wind Farm on archaeological, architectural and cultural heritage. This has informed the site design process, with the aim of avoiding direct impacts to known cultural heritage sites and minimising any indirect impacts to those in the surrounding area.



Map of heritage in surroundings

Background research, GIS analysis and field surveys have been carried out to gain an in-depth understanding of recorded cultural heritage and the potential for unrecorded sites. The assessment has reviewed archaeological and architectural sites listed on the Record of Monuments and Places (RMP) and Donegal County Council's Record of Protected Structures (RPS) and other statutory and non-statutory lists. Field surveys have been carried out to inspect the proposed wind farm site and its surroundings; further fieldwork will be undertaken as the project design advances.

Several archaeological sites have been recorded along the Gweebarra River valley and the surrounding area, concentrated on lower valley slopes, coastal, lake and riverside locations. The initial review identified more than 70 recorded archaeological monuments within 10km of the proposed wind farm. These include prehistoric tombs, early medieval raths and souterrains and ritual sites such as holy wells. Among the most prevalent site types are ringforts (cashels and raths), graveyards and burial grounds, mounds and megalithic tombs.



Megalithic structure

At the northwest of the proposed wind farm is a megalithic structure (DG058-005) which resembles a portal tomb such as those at Tuaim (DG065-005) 2km northwest of the proposed wind farm and Kilcooney dolmen (DG073-004) approximately 10km to the west. Other monuments in the near surroundings include a holy well and bullaun stone (DG058-002) on the west bank of the Gweebarra River. Further afield, on Inishkeel, is a medieval monastery founded by St Connell in the 6th century which is a National Monument (NM658, DG064-003).

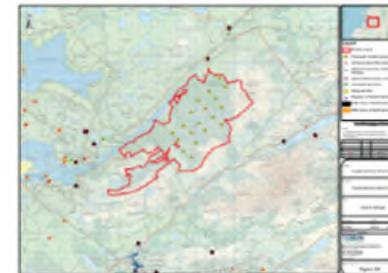


Inishkeel graveyard view to wind farm

Architectural sites in the surroundings of the proposed wind farm include Doochary Bridge (RPS 40905802), St Bridget's Catholic Church in Lettermacaward (RPS 40906501) and Lettermacaward Parish Church (RPS 40906502). There are no Protected Structures within the proposed wind farm site, however, there are a number of historic buildings including

AN OIDHREACTH CHULTÚRTHA

Sa staidéar ar an oidhreacht chultúrtha, déantar feirm ghaoithe bheartaíthe an Chlochair Chorr a mheasúinú i dtaca leis na héifeachtaí a d'fhéadfadh a bheith ar an oidhreacht seandálaíochta, ailtreacht agus chultúrtha. Tá an oidhreacht seo i ndiaidh dul i bhfeidhm ar an phróiseas deartha láithreán, agus é mar aidhm aige tionchair dhíreacha ar láithreán cháiliúla oidhreachtacha cultúrtha a sheachaint, chomh maith le tionchair indíreacha ar bith a laghdú oiread agus is féidir do na cinn sin atá le fáil sa cheantar máguaird.



Léarscáil de na suíomhanna seandálaíochta (RMP) agus ailtreachtacha (RPS) a taifeadadh sa cheantar thart ar an feirm ghaoithe atá beartaíte (sanpháirtithe OpenStreetMap, EU-DEM agus an Roinn Tíreochta, Riailtas Aisúil agus Oidhreacht)

Tugadh faoi thaghdh sa chúira, anailís córais faisnéise geografai agus suirbhé allamuigh le tuigbheáil dhomhain a fháil ar an oidhreacht chultúrtha atá taifeadadh agus le fáil amach an mbeadh suíomhanna ar bith ann nár taifeadadh. Sa mheasúinú tá aithbhreithníú déanta againn ar shuíomhanna seandálaíochta agus ailtreachtacha atá le fáil sa Taifead Seádchomharthaí agus Áiteanna (TSÁ) agus sa Taifead ar Dhéanmhais Chosanta (TDC) atá ag Comhairle Contae Dhún na nGall, chomh maith le liostaí eile, idir reachtúla agus neamhreachtúla. Tugadh faoi shuirbhé allamuigh leis an láithreán don feirm ghaoithe bheartaíthe agus an ceantar máguaird a iniúchadh; tabharfar faoina thuilleadh den obair allamuigh de réir mar a dhéantar dul chun cinn.

Táthar i ndiaidh domán suíomhanna seandálaíochta a thairfeadadh taobh le gleann Ghaoth Beara agus an ceantar máguaird, iad dírithe ar áiteanna cois farrage, cois locha agus cois abhann, chomh maith le fánaí in iochtar gleanta. San aithbhreithníú tosaigh a rinneadh, aithníodh corradh le 70 seádchomhartha seandálaíochta a thairfeadadh taobh istigh de 10km den feirm ghaoithe atá beartaíte. Ina measc siúd tá

tuamaí réamhstairiúla, ráthanna agus uaimheanna talún ó go luath sna meánaoiseanna agus suíomhanna deasghnáth, dála toibreacha naofa. Ar na cineálacha is coitianta suíomhanna atá ann tá líosanna (caisil agus ráthanna), reiligi agus úirleachais, dumhaí agus tuamaí meigiliteacha.



Struchtúr meigiliteach (DG058-005) i mbaile fearainn Chlochair an Chuilinn

Ar an taobh thiar thuaidh den feirm ghaoithe atá beartaíte, tá struchtúr meigiliteach (DG058-005) atá cosúil le tuama úrsanach mar atá i dTuaim (DG065-005), 2km ar an taobh thiar thuaidh den feirm ghaoithe atá beartaíte, agus dolmain Chill Chluanadh (DG073-004), atá thart ar 10km ar an taobh thiar den láithreán. I measc na seádchomharthaí eile atá sa dúiche mórhimpeall tá tobar naofa agus ballán (DG058-002) ar an bhruach thiar d'Abhainn Ghaoth Beara. Níos faide ar shiúl, ar Inis Caol, tá mainistir mhéadnaoiseach a bhunaigh Naomh Conall sa 6ú haois. Seádchomhartha Náisiúnta atá sa mhainistir (NM658, DG064-003).



Leac chroise shroite mhéadnaoiseach sa reilig ar Inis Caol (NM658, DG064-003)

CULTURAL HERITAGE

ruined clachans, isolated cottages and barns and features such as wells, bridges and drystone walls. On the east bank of the Gweebarra River is a former ferry crossing which provided passage over the wide river before construction of the bridge at Lettermacaward and may be the same place mentioned in documents of the early 17th century; a building beside the jetty marked 'Ferry House' on historic maps is still partially standing. These vernacular heritage features have been recorded and will be avoided by the proposed development.



Clachan in Cloghercor

The final planning application will include mitigation measures to ensure the identification, protection and recording of cultural heritage close to the proposed wind farm site. These measures may include archaeological testing and monitoring to identify previously unrecorded sites and management to minimise direct and indirect impacts on recorded and unrecorded cultural heritage.

AN OIÐHREACTH CHULTÚRTHA

Ar na suíomhanna ailtireachta atá sa cheantar thart ar an fheirm ghaoithe atá beartaithe, tá Droichead na Dúchoradh (RPS 40905802), Teach Pobail Bhríde i Leitir Mhíche an Bhaird (RPS 40906501) agus Eaglais Pháriste Leitir Mhíche an Bhaird (RPS 40906502). Níl Struchtúir Chosanta ar bith ann taobh istigh de láithreán na feirme ghaoithe atá beartaithe. Sin ráite, tá domán fuinnimh stairiúla, teachíní agus sciobóil thréigthe ina measc, chomh maith le gnéithe amháil toibreacha, droichid agus ballaí cloiche singile. Ar an bhruach thoir d'Abhainn Ghaoth Beara, tá trasnú farantóireachta nach n-úsáidtear a thuilleadh a d'fhág go rabhthas in ann an abhainn leathan a thrasnú sular tógadh an droichead i Leitir Mhíche an Bhaird. Tá seans ann gurb ionann an áit sin agus an áit a luaite i ndoiciméid ó luath sa 17ú haois; tá foirgneamh go fóill ina sheasamh i bpáirt in aice leis an lamairne, a dtugtar 'Teach an Chalaídh' air sna léarscáileanna stairiúla. Tá taifeadadh déanta de na gnéithe dúchasacha oidhreachta seo agus déanfar iad a sheachaint san fhorbraíocht atá beartaithe.



Bailíoga Clachain in oirthear bháile fearainn an Chlochair Chorr

Beidh mar chuid den iarratas deiridh pleanála bearta maolaithe le halthint, cosaint agus taifeadadh oidhreachta cultúrtha atá cóngarach don láithreán feirme ghaoithe atá beartaithe a chinntiú. Ar na bearta sin, b'fhéidir go gcuirfí san áireamh tástáil agus monatóireacht seandálaíochta le suíomhanna nár taifeadadh roimhe a aithint agus bainistíocht sa dóigh is nach gcuirtear isteach ar an oidhreacht a taifeadadh is nár taifeadadh a laghad agus is féidir.

NOISE AND SHADOW FLICKER

NOISE

Environmental Noise Guidance

Environmental Noise from wind energy developments is assessed using the current Wind Energy Development Guidelines along with guidance in the Institute of Acoustics "Good Practice Guide" which contains the more technical details on requirements for input data and assumptions to make in calculations.

Measurement of Background Noise

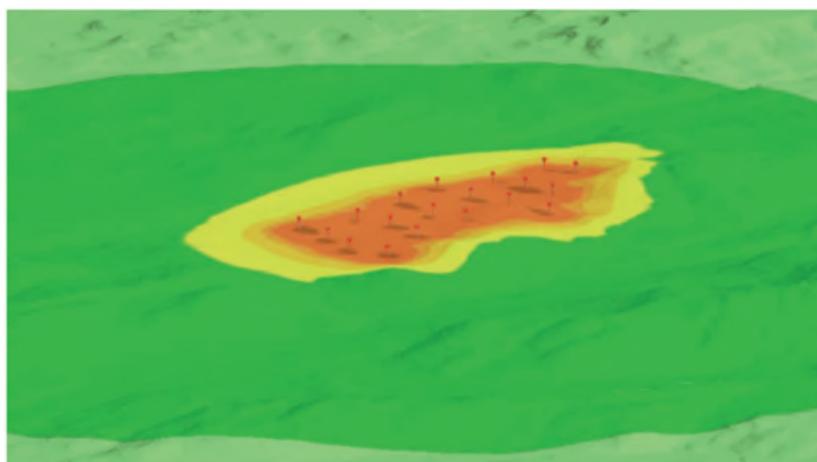
Background Noise at a noise-sensitive location can include wind-generated noise in foliage along with other background noise sources such as farm activity or traffic on roads. The existing levels of background noise are measured in the absence of the wind energy development. Measuring the background noise involves simultaneously measuring wind speeds on the proposed site and noise levels at a set of houses around the site. Noise level meters have been monitored at a number of properties close to the wind farm site, with locations chosen based on their proximity, direction from the wind farm and their setting (i.e., sheltered or exposed). These measured noise levels are used to form the limits of wind farm noise based on the current Wind Energy Development Guidelines.

Prediction of Wind Turbine Noise

Separately, noise levels are calculated using a computer-based noise model using the turbine manufacturer's sound data for the turbine model and the assumptions in the relevant guidance. All details of the input data and calculations are compiled into the EIA Noise Chapter.

Calculated noise levels due to the wind farm are compared against the limit values – where any exceedances are noted, the development team has a number of options: the turbine causing the exceedance can be moved, or a different layout of turbine can be developed, or a different turbine make and model can be selected. Another option is to consider the operational modes of certain turbines, which limits the rotational speed and therefore the noise (and power) generated.

Using the noise model, an iterative design process ensures that the derived noise level limits can be complied with at the noise-sensitive locations.



3D view of Wind Turbine Noise Model

TORANN AGUS CAOCHAÍL SCÁILEANNA

TORANN

Treoir maidir leis an Torann Timpeallachta

Baintear feidhm as na Treoirinte reatha maidir le Forbraíochtaí Fuinnimh Gaoithe leis an torann timpeallachta ó fhorbraíochtaí fuinnimh gaoithe a mheasú, mar aon leis an treoir a thugtar sa "Good Practice Guide" atá ag an Institiúid Fuaiméolaíochta, ina bhfuil na mionsonraí níos teicniúla maidir leis na riachtanais fá choinne na sonraí ionchuir agus na foshuíomhanna atá le déanamh i ríomhanna.

Torann Cúlra a Thomhas

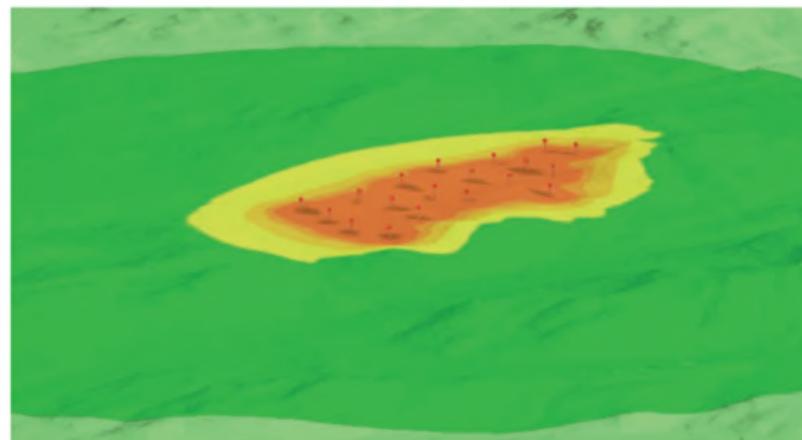
Maidir leis an Torann Cúlra i suíomh atá íogair ó thaobh torainn de, is féidir torann sa duiliúr a ghineann an ghaoth a chur san áireamh i dtéannta foinsí eile torainn cúlra mar shampla gníomhaíocht feirme nó trácht ar bhóithre. Na leibhéil reatha den torann sa chúra atá ann, déantar iad siúd a thomhas gan an fhorbraíocht fuinnimh gaoithe a bheith ann. Má táthar leis an torann cúlra a thomhas, caithear luasanna gaoithe a thomhas ar an láithreán atá beartaithe agus, san am chéanna, leibhéil torainn a thomhas ag sraith títhe thart ar an láithreán. Tá monatóireacht déanta agnair ar leibhéil torainn ag roinnt réadmhaoiní cóngarach do láithreán na feirme gaoithe, agus suíomhanna roghnaithe bunaithe ar có chomh cóngarach is atá siad, an treo ina bhfuil siad ón fheirm ghaoithe agus a suíomh (i.e. cosanta nó nocht). Úsáidtear

na leibhéil tomhaiste torainn sin chun na teorainneacha a chur le chéile don torann ón fheirm ghaoithe, bunaithe ar na Treoirinte reatha atá ann maidir le Forbraíochtaí Fuinnimh Gaoithe.

Torann ó Thuirbíní Gaoithe a Thuar

Déantar leibhéil torainn a ríomh astu féin. Úsáidtear samhail torainn ar ríomhaire leis sin a dhéanamh bunaithe ar shonraí fuaimne mhonaróir an tuirbín don tsamhail tuirbín agus do na foshuíomhanna san treoir is íomchúil. Tá na mionsonraí ar fad fá dtacbh de na sonraí ionchuir agus na ríomhanna le fáil sa Chaibidil faoi Thorann san EIA.

Cuirtear na leibhéil ríofa torainn de bharr na feirme gaoithe i gcomparáid le luachanna na n-uasteorainneacha. Nuair a thugtar fá deara gur sáraidh iad, tá méid áirithe roghanna ag foireann na forbraíochta: is féidir an tuirbín atá mar chúis leis an tsárú a bhogadh, nó is féidir leagan amach eile tuirbín a fhorbairt, nó is féidir déanamh agus samhail dhifriúil tuirbín a roghnú. Rogha eile atá ann ná modhanna oibríocháin tuirbíní ar leith a mheas, a dhéanann an luas rothlailthe agus, mar sin, an torann (agus an chumhacht) a ghintear, a shrianadh. Má úsáidtear an tsamhail torainn, déanann an próiseas céimneach deartha a chinntiú gur féidir cloí, sna suíomhanna atá íogair ó thaobh torainn de, leis na huasteorainneacha torainn a fuarthas.



Radharc 3D de Samhail Torainn Turbíní Gaoithe

NOISE AND SHADOW FLICKER

SHADOW FLICKER

Wind turbines can cast long shadows when the sun is low in the sky. 'Shadow flicker' is an effect that occurs when the rotating blades of a wind turbine cast a moving shadow over a building. The effect is experienced indoors where a moving shadow passes over a window in a nearby property and results in a rapid change or flicker in the incoming sunlight. For the vast majority of the time at any given property, shadow flicker should not cause any issues from any given turbine.

Where shadow flicker occurs, it can always be resolved through remote controlled software in the turbine which stops the blades rotating at a particular time of day, and therefore avoiding the light conditions that cause the shadow flicker.

The occurrence of shadow flicker impacts is determined by a number of criteria including:

- **The presence of screening:** Screening can occur from a variety of sources including vegetation, terrain, and buildings. If screening is present between the property and the wind turbine/sun, then shadow flicker would not occur at that property.
- **The orientation of the property:** The windows of the sensitive property must have windows that face the proposed turbines in order to be able to receive shadow flicker.
- **The distance of the property from turbines:** The potential effect of shadow flicker diminishes as distance from the turbine increases. An industry standard approach is to examine a distance of ten rotor diameters as a maximum limit within which significant shadow flicker effects can occur.
- **The presence of direct sunlight:** Cloud cover can remove the presence of direct sunlight so that it is diffused and does not cast a shadow. If direct sunlight is present, the turbine blades must be located in the direct path between the sun and the property.

- **The time of year and day:** The path of the sun varies over the seasons resulting in a changing potential for a shadow to be cast throughout the year. Similarly, the sun's position in the sky over the course of a day is changing such that the shadow cast by a turbine is constantly changing.
- **Wind speed:** In order for shadow flicker to occur, the turbine must be rotating. This requires a wind speed high enough to cause the turbine to turn on.
- **Direction of Wind:** The width of a shadow at any given property is dependent on the direction of the wind. This will be different on any given day at every property. The worst-case shadow occurs when the turbine faces directly towards or away from a property, while minimum flicker occurs when it faces perpendicular to the property.
- **The presence of people:** If the property is empty at the time of a shadow flicker event, then it would not cause a nuisance.

The analysis is being undertaken using a leading industry software package for carrying out shadow flicker simulations. This specialist modelling software package accounts for the layout of turbines and the turbine specifications, as well as the topography of the area, path of the sun throughout the day/year, and details of each sensitive receptor (property). The worst-case scenario is always used in the computer model and accordingly the longest potential shadow length is calculated.

The current guidelines (2006 Wind Energy Development Guidelines) recommend an acceptable limit for shadow flicker as a maximum of 30 hours per year or 30 minutes per day at any one property. The Draft Revised Wind Energy Guidelines December 2019 calls for zero shadow flicker at any existing dwelling. In the interests of developing best practice, we are committed to minimising any adverse effects from the proposed development on the local community and are committing to ensuring **zero shadow flicker** at the sensitive receptors identified.

TORANN AGUS CAOCHAÍL SCÁILEANNA

CAOCHAÍL SCÁILEANNA

Thig le turbíní gaoithe scáileanna fada a chaitheamh nuair atá an ghrian go hiseal sa spéir. Éifeacht atá i gceist leis 'an caocháil scáileanna' a tharlaíonn nuair a dhéanann lanna rothlathie turbín gaoithe scáil, atá ag bogadh, a chaitheamh ar fhuinneamh. Tá an éifeacht le brath taobh istigh. Imíonn scáil, atá ag bogadh, thar fhuinneog i maoin atá cóngarach. Bíonn athrú sciobtha nó caocháil ann sa tsolas ón ghrian atá ag teacht isteach. Den chuid is mó den am in aon mhaoin ar leith, níor chóir don caocháil scáileanna a bheith mar chúis le haon thadhbanna ó aon turbín ar leith.

San áit a dtarlaíonn caocháil scáileanna, is féidir sin a réiteach i gcoinní trí mheán bogearraí clannlathie sa turbín a stopann rothlú na lann ag am ar leith den lá, agus a sheachnaíonn mar sin de na coinníollacha solais sin is cúis leis an caocháil scáileanna.

Tá critéir éagsúla ann a shocraíonn an imreoidh an caocháil scáileanna tionchar ar chúrsaí, na cinn seo san áireamh:

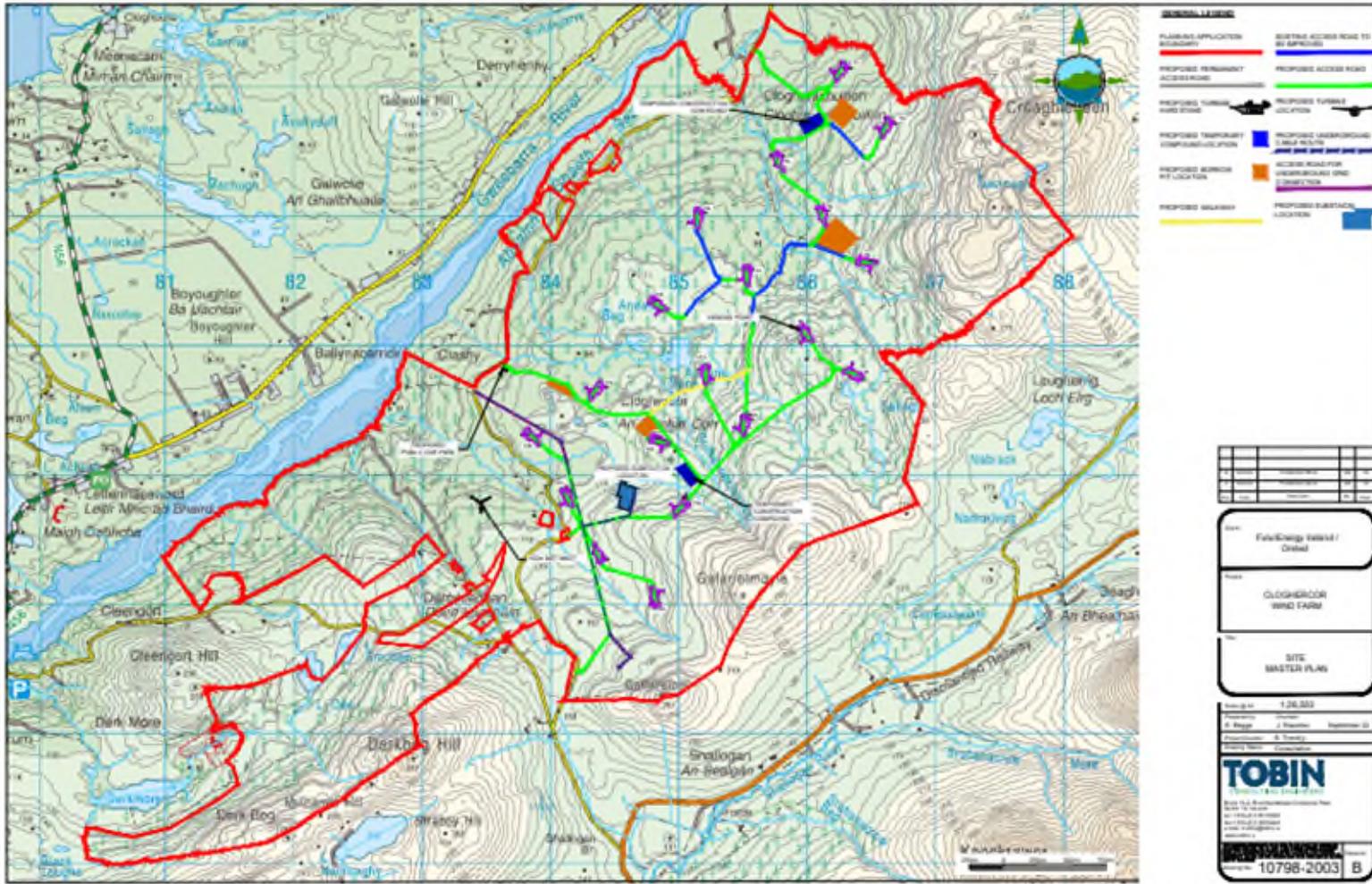
- **Clúdach a bheith ann:** Féadfaidh clúdach a bheith ann mar gheall ar éagsúlacht foinsí, fáera, tír-raon agus fuinnimh san áireamh. Má bhíonn clúdach ann idir an mhaoin agus an turbín gaoithe/grían, ní bheadh caocháil scáileanna ann ag an mhaoin sin.
- **Treoshuíomh na maoin:** Cailfhfidh fuinneoga a bheith ar an mhaoin íogair a thugann aghaidh ar an turbín atá beartaithe má tá siad a dhul a bheith faoi réir caocháil scáileanna.
- **Fad na maoin ó na turbíní:** Éiríonn an éifeacht a d'fhéadfadh a bheith ann ón caocháil scáileanna níos lú de réir mar a imíonn tú níos faide ar shliú ón turbín. Cur chuige caighdeánach atá ann sa tionscal ná glacadh le fad arb ionann é agus deich dtrastomhas rótair mar uasteorainn ar féidir éifeachtaí caochála scáileanna a bheith ann.
- **Solas díreach na gréine:** Féadfaidh clúdach scamall solas díreach na gréine a bhaint amach as an láthair sa dóigh is go ndéantar é a leathadh agus nach gcaitheann sé scáth. Má bhíonn solas díreach na gréine ann, cailfhfidh lanna na dturbíní a bheith suite go díreach idir an ghrian agus an mhaoin.

- **An t-am den bhliain agus den lá:** Athraíonn bealach na gréine le linn na séasúir agus, mar sin, beidh tosca ag athrú maidir lena gcaithfeadh scáth i gcaitheamh na bliana. Ar an dóigh chéanna, tá solomh na gréine sa spéir ag athrú i gcaitheamh an lae sa dóigh is go mbíonn an scáil a chaitheann turbín ag síorathrú.
- **Luas gaoithe:** Má tá caocháil scáileanna le bheith ann, cailfhfidh an turbín a bheith ag rothlú. Cailfhfidh luas gaoithe ard go leor a bheith ann leis sin a dhéanamh go dtosoidh an turbín ag feidhmiú.
- **Treo na Gaoithe:** Beidh leithead scáile ag maoin ar bith ag brath ar treo na gaoithe. Beidh éagsúlacht ag baint leis sin ar lá ar bith ag gach aon mhaoin. Bíonn an scáil is measa i gceist nuair atá turbín ag tabhairt aghaidh i dtreo maoin nó sa treo eile ar fad. Bíonn an caocháil is lú ann nuair atá turbín ag tabhairt aghaidh sa treo atá ingearach leis an mhaoin.
- **Daoine a bheith ann:** Má bhíonn an mhaoin folamh nuair atá caocháil scáileanna ann, ní chuirfeadh sin isteach ar aon duine.

Tá an anailís á cur i gcrích ag úsáid pacáiste bogearraí atá chun tosaigh sa tionscal fá choinne ionsamhlúcháin caochála scáileanna. Sa phacáiste speisialaithe samhlaithie bogearraí seo, cuirfeadh san áireamh leagan amach turbíní agus sonraíochtaí na dturbíní, mar aon le toipeolaíocht an cheantair, bealach na gréine i rith an lae/na bliana agus mionsonraí a bhaineann le gach gabhdóir íogair (maoin). Úsáidtear an cás is measa i dtólamh sa tsamhlú an ríomhaire agus, dá réir sin, déantar an fad scáile is faide dá dtiocfaidh a bheith ann a ríomh.

Sna treoirinnte is deireanaí (Treoirinnte Forbraíochtaí Fuinnimh Gaoithe 2006), moltar 30 uair an chloig in aghaidh na bliana nó 30 nóiméad in aghaidh an lae ag aon mhaoin ar leith mar theorainn inghlactha fá choinne caocháil scáileanna. Iarrann Dréachtreoirinnte Athbhréithnithe Fuinnimh Ghaoithe ó Nollaig 2019 nach gceadófaí caocháil scáileanna dá laghad ag aon áit chónaithe reatha. B'fhearr linn an deachleachtas is fearr a chothú, agus mar sin tá muid tionsanta ó thaobh drochleachtaí ar bith ón fhorbraíocht bheartaithe a chuirfeadh isteach ar an phobal áitiúil a choinneáil ag an leibhéal is ísle agus tá muid tionsanta i dtaca le **caocháil scáileanna dá laghad** a chinntiú ag na gabhdóirí íogair a aithneofar.

November 2022 - Design Iteration 3 - Site Map



November 2022 - Design Iteration 3 - Feedback form

Cloghercor Wind Farm Feedback form



Your feedback is vital to our approach to the Cloghercor Wind Farm project.
We invite you to share your views on our final stage proposal.

What are your reasons for attending this session?

Local resident Interested in renewable energy Other

Please give details

Have you found this information useful? Yes No Don't Know

Please give details

Do you support the Cloghercor Wind Farm project? Yes No Don't Know

Please give details

If you wish to contact us to discuss the project directly, please contact us:

Email: info@cloghercorwindfarm.com Phone: (021) 422 3677 www.cloghercorwindfarm.com

Cloghercor Wind Farm Feedback form



Do you support renewable energy? Yes No Don't Know

Please give details

If approved, Cloghercor Wind Farm will bring a significant community benefit fund.
Are there any local priorities and projects that you would like to see supported?

Please give details

Do you have any further comments in relation to the Cloghercor Wind Farm project? Yes No

Please give details

Do you wish to be kept informed directly of project updates? Yes No

If yes, please provide your contact details which we will store in full compliance with GDPR.

Name:

Email:

Address:

If you wish to contact us to discuss the project directly, please contact us:

Email: info@cloghercorwindfarm.com Phone: (021) 422 3677 www.cloghercorwindfarm.com

Appendix F - Display Posters for consultation events

June 2021 - Design iteration 1 virtual exhibition poster

Cloghercor
wind farm

VIRTUAL PUBLIC EXHIBITION

Ørsted and Coillte are jointly consulting on the Cloghercor Wind Farm proposal, near the Clogherachullion and Cloghercor areas of County Donegal.

Please visit our virtual exhibition to view detailed information, maps, photos and videos, and provide your feedback on our initial proposal.

feirm ghaoithe
an Chlochair Chorr

TAISPEÁNTAS FÍORÚIL POIBLÍ

Tá Ørsted agus Coillte ar lorg comhairle le chéile fá dtaobh de thogra Fheirm Ghaoithe an Chlochair Chorr, cóngarach do cheantar Chlochar an Chuilinn agus ceantar an Chlochair Chorr i gcontae Dhún na nGall.

Tabhair cuairt ar an taispeántas fhíorúil atá againn le heolas mionsonraithe, léarscáileanna, grianghrafanna agus físeán a fheiceáil agus aischothú a thabhairt fán togra tosaigh atá againn.

Visit our exhibition and feed in your views

Our exhibition will be live from Monday 28 June at:
<https://cloghercorwindfarm.com/>

If you cannot access the virtual exhibition or wish to obtain further information on the Cloghercor Wind Farm proposal, please get in touch:
Email: info@cloghercorwindfarm.com
Telephone: (021) 422 3677

Amharc an taispeántas s'againne agus tabhair do bharúlacha

Beidh an taispeántas beo ón Luan, an 28 Meitheamh, ar:
<https://cloghercorwindfarm.com/>

Muna dtig leat teacht ar an taispeántas fhíorúil nó más mian leat tuilleadh eolais a fháil fá thogra Fheirm Ghaoithe an Chlochair Chorr, déan teagmháil linn:
Ríomhphost: info@cloghercorwindfarm.com
Fón: (021) 422 3677



Cloghercor
wind farm

feirm ghaoithe
an Chlochair Chorr

**VIEW OUR
UPDATED PROPOSAL**

Ørsted and FuturEnergy Ireland invite you to view our updated proposal for Cloghercor Wind Farm, which will be on display from Monday 13 June at www.cloghercorwindfarm.com

**AMHARC AR
ÁR DTOGRA
NUASHONRAITHE**

Tugann Ørsted agus FuturEnergy Éire cuireadh duit bheith ag amharc ar ár dtogra nuashonraithe d'Fheirm Ghaoithe an Chlochair Chorr, a bheidh ar taispeáint ón Luan, 13ú Meitheamh ag www.cloghercorwindfarm.com

You can also book an appointment to meet our team and view the proposals at:

Halla Naomh Bríde, Madavagh, Lettermacaward
Monday 13 June, 12pm - 8pm

Teach Gleann Ceo, Main Street, Doochary
Tuesday 14 June, 12pm - 8pm

Email us at info@cloghercorwindfarm.com or call our Community Liaison Officers on (021) 422 3677 to book an appointment.

Thig leat coinne a chur in áirithe fosta le bualadh lenár bhfoireann agus le bheith ag amharc ar na tograí ag:

Halla Naomh Bríde, Maigh Dabhcha, Leitir Mhic an Bhaire
Dé Luain 13ú Meitheamh, 12 i.n. - 8 i.n.

Teach Gleann Ceo, an Phríomhshráid, an Dúchoraidh
Dé Máirt 14ú Meitheamh, 12 i.n. - 8 i.n.

Cuir ríomhphost chugainn ag info@cloghercorwindfarm.com Nó cuir scairt ar ár gcuid Oifigeach Idirghabhála Pobail ag (021) 422 3677 le coinne a dhéanamh.

Ørsted
FuturEnergy

November 2022 - Design iteration 3 exhibition poster

Cloghercor
wind farm

**VIEW OUR
UPDATED PROPOSAL
AT OUR COMMUNITY
ENGAGEMENT EVENTS**

The Cloghercor Wind Farm team invite you to view the updated, final stage project proposal at our community engagement events.

Book an appointment to meet our team and view the final-stage proposal:
Gweebarra Bar, Meenagowan, Lettermacaward
Wednesday 2 Nov, 2pm - 8pm
Teach Gleann Ceo, Main Street, Doochary
Thursday 3 Nov, 2pm - 8pm

Email us at info@cloghercorwindfarm.com or call our Community Liaison Officers on (021) 422 3677 to book an appointment.

You can also view the updated proposal in the virtual exhibition room from Wednesday 2 November at: www.cloghercorwindfarm.com

These events were rescheduled in respect to those affected by the Creeslough tragedy. The team send their deepest sympathies to those affected.

**feirm ghaoithe
an Chlochair Chorr**

**AMHARC AR ÁR DTOGRA
NUASHONRAITHE
AG ÁR GCUID IMEACHTAÍ POBAIL**

Tugann foireann Fheirm Ghaoithe an Chlochair Chorr cuireadh duit amharc ar an togra nuashonraithe céime deiridh ag na himeachtaí a bheas á n-eagrú againn don phobal go luath.

Déan coinne le bualadh lenár bhfoireann agus bheith ag amharc ar an togra céime deiridh:
Teach Tábhairne Gweebarra, Mín an Ghabhann, Leitir Mhíc an Bhaird
Dé Céadaoin, 2 Samhain, 2 i.n. - 8 i.n.
Teach Gleann Ceo, An Phríomhshráid, An Dúchoraidh
Déardaoin 3 Samhain, 2 i.n. - 8 i.n.

Cuir ríomhphost chugainn ag info@cloghercorwindfarm.com nó cuir glaoch ar ár gcuid Oifigeach Idirchaidrimh don Phobal ag (021) 422 3677 le coinne a dhéanamh.

This leaflet amharc ar an togra nuashonraithe sa seomra taispeántais fíorúil ar líne fosta ón Chéadaoin 2 Samhain ar aghaidh, ag: www.cloghercorwindfarm.com

Athraíodh na dátaí do na himeachtaí seo mar chamhartha ómóis do na daoine atá buailte ag tragóid an Chraaslaigh. Tá ár bhfoireann thar a bheith buartha faoina dtíoblaíod.

Orsted
FuturEnergy

Orsted
FuturEnergy

Appendix G - Project postcards

November 2021 - Webinar postcard invitation

Cloghercor
wind farm

You are invited to our upcoming community information webinar to learn more about the proposed Cloghercor Wind Farm and to put your questions to our team.

COMMUNITY INFORMATION WEBINAR

Cloghercor Wind Farm is a proposed co-development by Coillte and Ørsted located between Clogherachullion and Cloghercor in County Donegal.

Monday 29 November, 19:00 – 20:30
Please register to attend the webinar by emailing us at info@cloghercorwindfarm.com
If you are unable to attend the webinar, or if you wish to receive the information in an alternative format, please send us an email or call us on **(021) 422 3677**.
We look forward to hearing from you.
www.cloghercorwindfarm.com



Tá fáilte romhat freastal ar ár seimineár gréasáin eolais phobail, a bheidh ag tarlú go luath, le níos mó a fhoghlaim faoin Fheirm Ghaoithe atá beartaithe ag Clochar an Chorr, agus le do cheisteanna a chur ar ár bhfoireann fúithi.

SEIMINEÁR GRÉASÁIN EOLAIS PHOBAIL

Is é atá i bhFeirm Ghaoithe an Chlochair Chorr ná comhfhorbairt atá beartaithe ag Coillte agus ag Ørsted lonnaithe idir Clochar an Chuilinn agus an Clochar Corr i gContae Dhún na nGall.

An Luan 29 Samhain, 19:00-20:30

Cláraigh, le do thoil, le freastal ar an seimineár gréasáin trí ríomhphost a chur chugainn ag info@cloghercorwindfarm.com

Mura bhfuil tú ábalta freastal ar an seimineár gréasáin, nó más mian leat an t-eolas a fháil ar dhóigh eile, cuir ríomhphost chugainn, le do thoil, nó cuir scairt orainn ag **(021) 422 3677**.

Tá muid ag súil le cluinstitín uait.

www.cloghercorwindfarm.com





Agenda for this evening's webinar



- Introduction to Ørsted and Coillte
- Need for the project
- Overview of Cloghercor Wind Farm project
- Overview of Environmental Studies
- Community engagement
- Next steps and progressing the project

Project Developers



Orsted develops, constructs, and operates offshore and onshore wind farms, solar farms, energy storage facilities, and bioenergy plants, and provides energy products to its customers. In Ireland, Orsted owns and operates a portfolio of onshore wind farms with a combined capacity of more than 300 MW. Our ambition is to increase this by more than 600 MW in the coming decade.



Coillte's Renewable Energy division (Coillte RE) is responsible for developing renewable energy projects on Coillte-owned lands. Coillte RE's ambition is to develop a further 1GW of renewable energy over the next ten years, driving Ireland's ambition to achieve 80% of electricity generation from renewable sources by 2030. Coillte RE has developed and constructed a number of operational projects in recent years, and is continuing to develop renewable energy projects, both in co-development and 100% Coillte-owned.

Coillte RE is in the very late stages of transitioning to a new stand-alone joint venture company, FuturEnergy Ireland, in conjunction with the ESB. Following the transition, Coillte's renewable energy portfolio and team will transfer to the new company.



TOBIN is an innovative consultancy firm, covering all sectors of the energy and environment market. We have significant experience and involvement in policy, regulation and standards development, at a national level, and can advise our clients on all stages of a project's lifecycle from project management, development design, assessment, planning and construction through to operation.

TOBIN's Environment & Planning team provide a range of services, from experienced professionals, to our clients, which enable them to move forward with development in accordance with best environmental and engineering practice placing the principle of sustainability to the fore.

Overview of Cloghercor Wind Farm project



Site location and key features



- 2km south of Doochary in north-west County Donegal
- The Clochar and Chuilinn river flows through the site as well as several small watercourses
- All flow into the Gweebarra / Owenwee (Doochary) river adjacent to the site
- Current land cover within the site comprises predominantly of 'Coniferous Forest' with some small areas classified as 'Peat Bogs' or 'Transitional Woodland-Shrub'

The need for the Development



- The impacts of climate change are widely recognised as being one of the greatest global economic, environmental and social challenges facing the world today. Electricity and heat generated by fossil fuels are among the biggest polluters to our atmosphere.
- In 2019, the Oireachtas declared a climate emergency. Via the Government of Ireland's [Climate Action Plan 2021](#), Ireland also has set stretching targets to:
 - Reduce emissions of greenhouse gases by an average of 7% each year from 2021-2030 - a reduction of 51% over the decade
 - Meet 70% (now 80%) of electricity demand from renewables by 2030, with 8 GW of installed onshore wind capacity contributing to this target.
- The proposed Cloghercor Wind Farm aims to:
 - Generate electricity from a renewable source of energy - offsetting the need for combustion of fossil fuels
 - Assist in Ireland's mission to decarbonise our electricity, heat and transport systems
 - Meet local and national energy demand
 - Contribute to the regional and Irish economy for renewables.



Cloghercor Wind Farm Community Information Webinar, 29 November 2021



Why this site?

- Large area available for development
- Good wind resource at the site
- Set-back from properties can be achieved to align with latest government guidance
- Set back from sensitive ecological areas can also be achieved at this site
- There is a connection to the National Electricity Grid
- There is a network of forest roads within the site that can be utilised for access
- The area is designated as "Open to Consideration" for wind energy in the Donegal Co. Development plan
- Although nearby, the site is **not** located in a Special Area of Conservation (SAC), A Special Protection Area (SPA), or a Natural Heritage Area (NHA)

Cloghercor Wind Farm Community Information Webinar, 29 November 2021

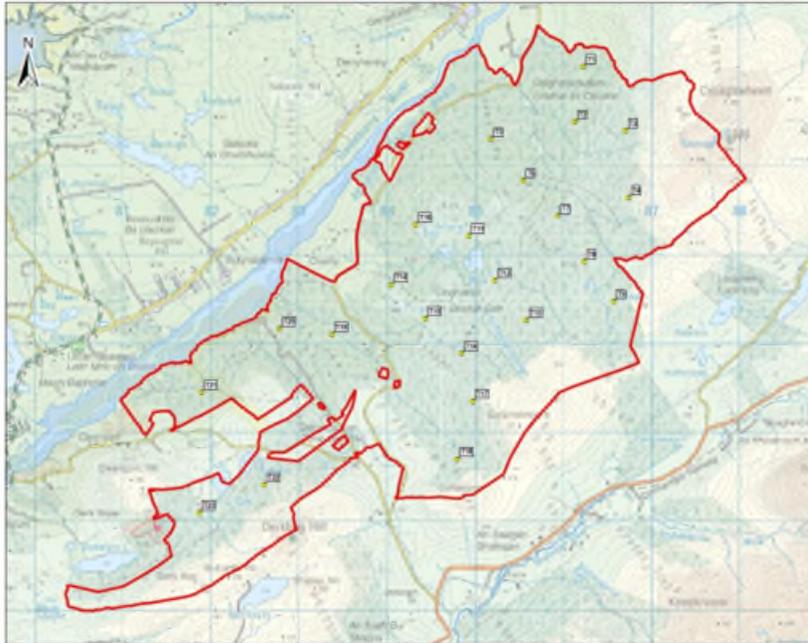
Overview of Cloghercor Wind Farm project

Initial proposal



- Having initiated on-site feasibility studies in 2019, our initial proposal for Cloghercor Wind Farm consists of:
 - Up to 23 turbines
 - Maximum 200m tip height
 - Delivering up to 140MW in renewable energy, and a sizeable community benefit package.
- Application in September 2021 to An Bord Pleanála for Cloghercor Wind Farm to be considered as a Strategic Infrastructure Development (SID). SIDs are submitted directly to An Bord Pleanála for determination.
- The full details of the initial proposal, along with findings from our initial feasibility studies, is available to view in our virtual exhibition room on the project website at: www.cloghercorwindfarm.com.

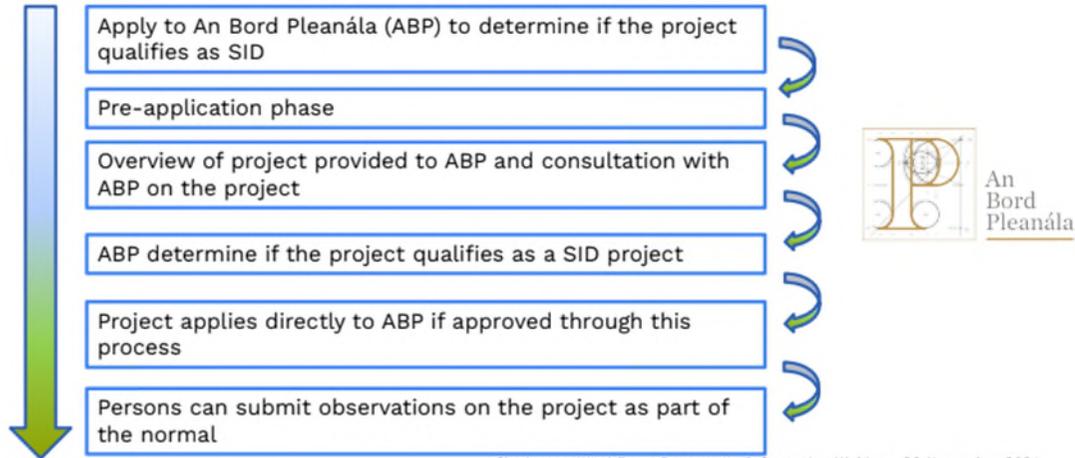




- Initial proposal informed by extensive studies on-site and off-site
- Initial surveys have determined that the site should be suitable for up to 23 turbines
- This has been determined on the basis of key constraints being identified, including International Environmental and landscape designations, set-back from dwelling houses, watercourse, lakes, infrastructure, and archaeological and featured monuments
- Continued surveys will inform wider constraints including sensitive habitats which are not designated, and areas with significant slopes

Cloghercor Wind Farm Community Information Webinar, 29 November 2021

Strategic Infrastructure Development (SID) Application Process



Environmental studies

We have appointed an external consultant, **TOBIN Consulting Engineers**, to carry out the detailed environmental studies that will help to inform the design of the wind farm.



TOBIN's on-site studies include:

- Development constraints including setback distances from properties
- Watercourses
- Archaeological features
- Sensitive ecology and landscape areas
- Ornithological studies
- Mammals
- Bats
- Aquatic Biodiversity
- Landscape and visual impact
- Noise and Shadow Flicker
- Telecommunications links

Engagement with the community



- Ørsted and Coillte are committed to engaging inclusively with the whole community and developing a responsible project that is good for society and our neighbours
- We have made efforts to engage inclusively and in line with Covid-19 restrictions:
 - **April 2021** – Initial introduction of the project to the community via a project newsletter (pictured) which was delivered under Covid-safe protocols
 - **June 2021** – Second project newsletter delivered, outlining updates on first design iteration, ongoing studies, and details of our virtual exhibition room
 - **July 2021** – Virtual exhibition room displaying initial proposal goes live at www.cloghercorwindfarm.com – the virtual exhibition room remains live on our website
 - **November 2021** – Community information webinar held, with residents invited to attend via a postcard invitation, plus adverts in local media outlets
 - **Since the Spring** we have held a number of face-to-face and virtual meetings on request
 - Our website is regularly updated with new information
 - We have appointed two Community Liaison Officers who are based locally and who can engage with the community in English and Irish
- We are eager to hear from you. Reach our project team at:
 - info@cloghercorwindfarm.com



Cloghercor Wind Farm Community Information Webinar, 29 November 2021

Community Benefit Fund

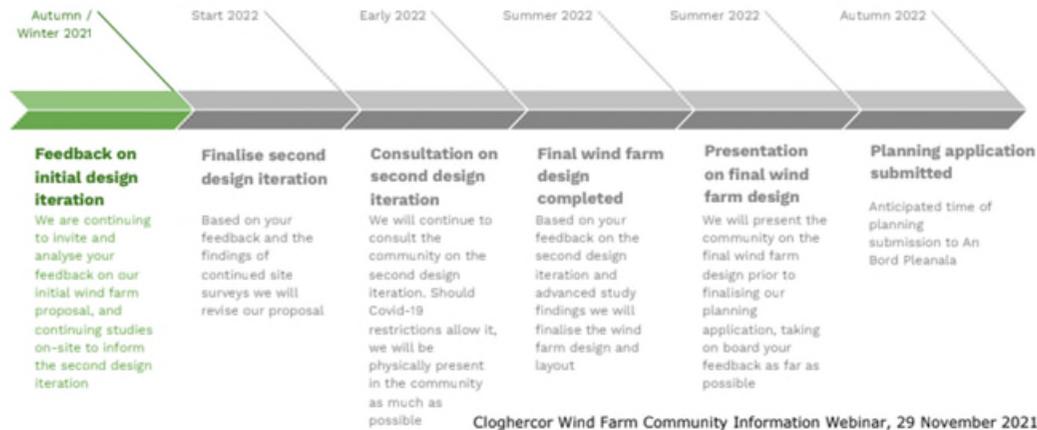


- As experienced developers, we have worked with communities nearby to our renewable energy projects to deliver sustainable, long-term community initiatives that meet local priorities, needs and objectives.
- In accordance with the government-led Renewable Electricity Support Scheme (RESS), if approved the project will deliver a substantial and long-term community benefit fund throughout the period that Cloghercor Windfarm is commissioned.
- Depending on the final size of the wind farm, this fund could be in excess of €500,000 per year, which will include a near neighbour scheme.
 - The near neighbour scheme will consist of a minimum payment of €1,000/annum to households situated up to 1km from each turbine. It may also include a discretionary payment for households situated up to 2km from the turbines.
- The distribution of the community benefit fund will ultimately be for the community to decide in partnership with the project team. Guidance on the governance of Community benefit funds can be found in the RESS Good Practice Principles Handbook for Community Benefit Funds.
- We would like to work closely with the community to understand how the Fund could support local priorities, such as (but not limited to):
 - Community enterprises based on UN Sustainable Development Goals, e.g. education, energy efficiency, climate action, sustainable energy
 - Recreational amenities
 - Accessibility improvements
 - Local facilities
 - Skills development initiatives
 - Digital connectivity improvements
 - Educational institutes.

Next steps to progress the proposals



Progressing the proposals will be an iterative process. Our indicative timeline is as follows:



Cloghercor Wind Farm Community Information Webinar, 29 November 2021



Thank you

Please submit your questions through the chat box and we will answer as many questions as possible in the remaining time.

To view our detailed proposals, visit our virtual exhibition room at: www.cloghercorwindfarm.com

If you wish to speak with the team one-to-one, you can contact us at:

info@cloghercorwindfarm.com

(021) 422 3677

Appendix I - Local press advertisements for consultation events

November 2021 - Webinar for design iteration 1

Donegal People's Press - 23 November 2021

BE PART OF THE CONVERSATION

NEWS 7

Hotel closing its doors on Mondays and Tuesdays

MICHAEL MCHUGH

One of Donegal's most popular hotels has taken the tough decision to close on Mondays and Tuesdays for the next few weeks at least.

In a statement on their Facebook page over the weekend, the Highlands Hotel in Glenties said: "Hi guys, unfortunately we've made a very hard decision to close the doors of the hotel on a Monday and Tuesday going forward for the next few weeks at least.

"We will assess the situation then.

"We absolutely hate to be writing this post but at the moment we don't see any other way forward. We are delighted with all the support you have all shown us since we reopened, and we hope it continues."

The hotel is known throughout the county for hosting the MacGill summer school. It is by far one of the best known such schools in the county, over recent decades.

One of those who replied to the news on social media said they had visited recently the hotel with a group and were looked after 100%.

"Very sorry to hear this, what a brilliant hotel, I was there recently with a walking group and we were looked after 100%, the food and the service was fabulous. It will be back next year, wonderful friendly people and great hiking.

"Thank you for the hospitality."



The Highlands Hotel in Glenties

Brian a picture of happiness after award

From left, painter and decorator Hubert Orr, his son Adam, Brian and Eileen McNeil of the Picture House studio and Brian McCormick of Letterkenny Tidy Towns



A Letterkenny business which is being run by the third generation of the same family has received an award for best shop front after it received a summer makeover.

The Picture House studio on Carvent Road, which is run by well-known photographer Brian McNeil and his wife Eileen, picked up the prize for best shop front from Letterkenny Tidy Towns.

The premises was used for a drapery business by Brian's grandfather and his mother later used it for her dressmaking business.

It was his late grandparents' home before he turned it into a photographic studio and gallery.

He said he was "over the moon" about picking up the award.

A roof to street makeover by local painter Hubert Orr, as well as the addition of flower baskets supplied by Letterkenny Tidy Towns, helped the shop front take the prize, Brian said.

He said it was great to see recognition for a business in "the foot of the town".

"You never think you are going to win but over the summer it looked well with the hanging baskets. It makes a difference. It just gives it a great look. If it's old business and it is just great that it is still there."

Déjà vu Donagh Day event raises €16,000 for The Bluestack Special Needs Foundation

STAFF REPORTER

A cheque for €16,000 raised at the fantastic Déjà Vu Donagh Day has been presented to the Bluestack Special Needs Foundation.

On Sunday, October 24, rally legends and 160 historic rally cars descended on Donagh Town as part of Déjà vu Donagh Day organised by Déjà vu motorsport's Beatty Crawford and Alan 'Pium' Tyndall.

It was a night to behold for anyone with the slightest interest in rally or cars and Donegal definitely has a love for all things rally.

Déjà Vu Donagh Day event came about after Mr Crawford and Mr Tyndall visited Donagh's Stables Motorsport Centre in Frosses.

They felt that they should organise one of their Déjà vu events to gather those that no longer rally but were still passionate about the sport to meet, see Donagh Kelly's fabulous rally museum and benefit a local charity by donating the proceeds of the event to them.

Mr Kelly suggested to Beatty and Alan that the Bluestack Special Needs Foundation in Donagh Town should be the event's charity. The Bluestack Special Needs Foundation is a charity that works with children and young adults with additional needs and their families throughout county Donegal by providing a range of supports, services and most importantly a listening ear.

The Déjà Vu Donagh day saw crowds gather to see racing legends such as Paddy Hopkirk lead the parade of flowers from the quay car park in town after Bluestack member Ryan Mc Caffrey waved a Donagh flag to start the event.



In David Beatty Crawford, Alan Pium Tyndall and Eamonn Kelly present a cheque to Bluestack Special Needs Foundation representatives Rachel Giblin, Wendy McGarry and Patrick McQuerry

Ørsted and Coillte invite you to participate in a community information webinar on the proposed Cloghercor Wind Farm on Monday 29 November at 7pm.

To register, or to request the information in an alternative format, email us at: info@cloghercorwindfarm.com.

More information can be found at www.cloghercorwindfarm.com.



23,738 tests carried out here in last six weeks with 940 Covid-19 cases in a week

Michael McHugh
michael.mchugh@donegal.ie

Some 940 confirmed Covid cases last week and over 23,700 tests carried out in Donegal over the past six weeks is the latest narrative following the Donegal Covid-19 story.

And since the pandemic started 32,279 people in Donegal had tested positive of Covid-19, up to Sunday last, or just over 10% of the Donegal population (250,208).

Donegal, which had the lowest incidence rate of transmission of Covid-19 over seven days in the Republic for a time last week, has now shot up the county rankings again.

And 1,815 new Donegal cases of the virus were registered in the week up to midnight on Monday for the 14 days period, up to that.

Donegal is now ranked 15th on that seven day analysis on a county by county basis, which is still better than it has been in many previous months.

The last breakdown of local electoral areas (LEAs) showed that the highest transmission rates were in the Carrisrough electoral area, with Donegal the only EA with a positivity rate of less than 1,000 per 100,000 of the population.

But it would appear that other counties are catching up with the rate of spread of the virus in Donegal, rather than any significant drop here.

PCR testing at Donegal's two test centres - at Letterkenny and Donegal Town, also shows a big increase in tests carried out here in the past month.

A total of 23,738 Covid tests were carried out at the two test centres between October 11 and November 21, the most recent figures available reveal.

Just short of 30,000 were conducted at St Conal's Covid test centre in Letterkenny (28,864 tests) with the remaining 2,874 tests being carried out at the Clery Centre in Donegal Town.

In the case of St Conal's test centre in Letterkenny, 23,350 tests were carried out for the week ending October 24, but this had shot up to



Letterkenny Testing Centre carried nearly 20,000 Covid-19 tests between October 11 and November 21

4,236 by the week ending November 21.

Between 5.7% of people who have booked a test in those two Donegal locations six weeks, subsequently failed to turn up for the test.

A request by this paper for the number of positive cases that materialised as a result of these tests from both, is still awaited upon, as the county positivity rate no longer appears to be available anymore, this writer was told.

54 patients with confirmed Covid-19 cases were being treated at Letterkenny University Hospital, as of Sunday night.

This figure had fallen to 15 Covid-19 patients by Monday and Tuesday nights, but of those, three patients were being treated in the intensive care unit (ICU) of hospital.

No further critical tests were available at that time.

COVID TESTS AT DONEGAL TOWN CLERY CENTRE
Week Ending October 17 - 624 tests
Week ending October 24 - 4,236 tests



599 tests
Week ending October 31 - 458 tests
Week ending November 7 - 699 tests
Week ending November 14 - 799 tests
Week ending November 21 - 833 tests

COVID TESTS AT ST CONAL'S LETTERKENNY
Week Ending October 17 - 3,896 tests
Week ending October 24 - 2,874 tests
Week ending October 31 - 2,491 tests
Week ending November 7 - 4,152 tests
Week ending November 14 - 3,126 tests
Week ending November 21 - 4,236 tests

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Antigen testing, with retired and substitute teachers on the way

Antigen testing in schools will start from Monday, Education Minister Norma Foley has said.

A total of 600 substitute teachers are available to provide emergency cover to schools and many of these teachers are already available to go into classrooms, she said.

Retired teachers will also be able to work unremunerated until the end of the school year, without impacting their pensions, while 500 teacher educators are being added to teaching supply panels.

Around 25,000 CO2 monitors have also been supplied in schools and shortages will be also addressed through third level colleges with the release of student teachers, and return of teacher educators on secondment to the DoE.

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Covid pressure on hospital's ICU

Declan Magee
declan.magee@nu.ie

Letterkenny University Hospital does not have the ability to send ICU patients to other hospitals due to the pressures on intensive care units throughout the country, the hospital's manager has said.

Seán Murphy said the hospital has seen a small number of ICU patients to other hospitals in recent weeks but it will have to rely on evacuation plans to increase ICU and critical care capacity due to the demand on ICU's nationally.

The hospital's emergency department has been up to 20% busier in recent weeks compared to the same period in 2019 and the hospital is experiencing probably the most pressurised period in recent times, he said.

Eleven of the highest number of daily attendances at the emergency department have been in the last three months.

The hospital has been running at its limit of six ICU beds at times and has not had to escalate that capacity only "by the skin of our teeth", he said.

"We are now facing a situation that in the event of us needing a further ICU bed we will be sending up as we don't expect there will be beds available in other hospitals. The east coast is completely full and the other hospitals in the South group are also running at full capacity."

While the hospital has sent "two or three" ICU patients to other hospitals for clinical reasons and due to capacity, "I do not in the next couple of weeks expect that any hospital will be able to help us with capacity," he said.

The hospital can increase its ICU and critical care capacity to ten with the use of staff from other areas and the utilisation of theatre recovery rooms, he said.

Mr Murphy said he does not believe the pressures caused by Covid-19 in the latest surge has peaked.

"If we look at the projections for Covid numbers and the activity coming through the hospital, I couldn't say it has peaked or escalated that capacity only "by the skin of our teeth", he said.

Virtual campaign, Donegal Live - November 2021

Local News

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Orsted and Coliite invite you to participate in a community information webinar on the proposed Cloghercor Wind Farm on Monday 29 November at 7pm.

[GET MORE DETAILS](#)

donegal live

Emerging from the Shadows conference 'an inspirational day'

Catherine McGinty
catherine.mcinty@donegal.ie

A London-based medical professor has described a conference on Amyloidosis held in Donegal last weekend as a phenomenal day.

Professor Julian Gilmore, head of the National Amyloidosis Centre in London, was one of the main speakers at the Emerging from the Shadows conference on Amyloidosis.

Previously in south London, Amyloidosis is the name for the group of rare, serious conditions caused by a buildup of an abnormal protein called amyloid in organs and tissues throughout the body. It is a chronic condition which caused the death of deputy First Minister of Northern Ireland, Martin McGuinness.

The conference, organised by the All Ireland ATTE Amyloidosis Awareness Group and the Irish Heart Foundation, was held in An Chloinn Iúille in Gaith Dobhair.

Professor Gilmore said Emerging from the Shadows had been an absolutely phenomenal day.

"It was just amazing to see the enthusiasm, the organisation, and what has been achieved by this group of patients who really galvanised the All Ireland support group," he said.

"The talks were absolutely brilliant and the interaction between the audience and the speakers was great. I thought it was an inspirational day."

Addressing the conference, Professor Emer Jayne, consultant neurologist at the Mater Hospital in Dublin said the emergence of effective treatments for Transthyretin, cardiac amyloidosis (ATTR-CA) was expected to translate into improved outcomes and a promising future for amyloid patients.

Professor Sinéad Murphy, consultant at Tallaght Hospital in Dublin, gave a powerful presentation on ATTR Amyloidosis and the



Speakers at a conference on Amyloidosis held in Donegal. Back, left to right: Dr Mark Coyne, Dr Siobhán Hughes, Rosalind Gallagher, Professor Sinéad Murphy, Jean Christophe Fidalgo, Carlos Vera-Palo, Frae: Professor Aidan Ryan, Professor Mary Kelly, Professor Julian Gilmore, Sandra Campbell, Professor Emer Jayne

Autonomic Nervous System. She said the condition was under-recognised.

Lifestyle measures could help and it deserves more research. The President of the Amyloidosis Alliance Europe, Jean Christophe Fidalgo, said, "Ireland was a key pillar for the international Amyloidosis community."

Betty Holmes, who is chairperson of the health

advocacy group Donegal Action for Cancer Care, which campaigned successfully, along with many others, for the Amyloidosis Treatment Protocol, to be made available in the Republic of Ireland, described Emerging from the Shadows as "amazing".

She added: "I am so proud to have been invited and I have to give great credit to, in particular, Rosalind

[Gallagher] and the whole Donegal team, who organised this.

"It is a fine example of what we do in Donegal. An to be part of the first conference on Amyloidosis in Ireland is excellent."

"The work that has been done by the team is a class of its own. It is amazing, absolutely amazing. I was humbled to be invited and the

information that has come out of it hasn't been excellent. We have looked at the treatments and had a range of speakers who are world class experts in this disease. Credit has to go to the Donegal team."

Conference co-organiser, Dr Jerry Rosalind Gallagher, whose family is from Ban, said the team behind Emerging from the Shadows was "absolutely brilliant" and he was pulled off this historic, international event in Donegal.

He added: "We are overwhelmed by the attendance of high calibre speakers who came from all over the world. It was a fabulous day to show them what Donegal can do. It is certainly a fabulous day for patients with ATTR amyloidosis."

"We are absolutely over the moon [about the roll out of Protocols]. You heard the speakers in there today. The earlier people can get on this treatment, the less their disease is going to progress."

Shower and toilet units smashed during ransacking of home

Gardaí are appealing for information after a house was ransacked in Coneybrook Place, Ballysley, last weekend.

Substantial water damage was caused to the house as a result of a shower and toilet unit being smashed in an upstairs bathroom. A locked bedroom door was forced open.

Downstairs a TV was smashed during the incident. A broadband box was taken from the house.

Garda Sergeant Charlene Anderson said gardaí are appealing to anyone who

may have seen any suspicious activity in the area between 2pm and 2.45pm on Friday. May see to contact Letterkenny Garda Station.

The residents of the house had left it for only a short period of time when the house had been entered. The door had been left unlocked.

Gardaí are also appealing for information in relation to sightings of two males wearing dark clothing who were in the area at around the time of the incident. You can contact Letterkenny Garda Station on 02849 0700.

Carnaween mountain walk taking place on Sunday

The annual first Sunday of June gathering to Carnaween Mountain will be setting off from the Glen Tavern, Glenties at 10.30pm this Sunday, June 5.

Locals from the parishes of Inver, Lamsale, and Killynash June met on Carnaween in the Bluestacks for generations where stories are told, tunes are played and matches are made.

This will be both an educational and historic outing and will enlighten everyone who decides to come along.

will be followed by a session at The Glen Tavern where musicians, singers, and dancers are all welcome to join Peter Carraghy, Leo Conaghan, Eoin Gavin, Denise Boyle, Siobhán Kennedy, Michelle McGeehan, Paddy McMenamin, Paddy Carraghy, Noel Burke, Fiona and Marion Gavin, Delia Rucklin, Chris Carrwood, Paddy Tray and dancers Eileen and Frank Swarney and others in a traditional celebration.

The event is sponsored by the Donegal Local Live Performance

Cloghercor
wind farm
Cloghercor Wind Farm - View our Updated Proposal

Orsted and FuturEnergy Ireland invite you to view our updated proposal for Cloghercor Wind Farm, which will be on display from Monday 13 June at www.cloghercorwindfarm.com

You can also book an appointment to meet our team and view the proposals at:

Halla Naomh Bride, Madavagh, Lettermacaward
Monday 13 June, 12pm - 8pm

Teach Gleann Ceo, Main Street, Doochary
Tuesday 14 June, 12pm - 8pm

FuturEnergy Ireland Orsted

Email us at info@cloghercorwindfarm.com or call our Community Liaison on 0931 925 5633 to book an appointment

November 2022 - Design Iteration 3

Donegal Democrat - 27 October 2022

8 NEWS
Donegal Vintage Working Day Association charity tractor run Pictures: Brian McDaid



Beautiful old Massey Ferguson on the charity tractor run on Saturday morning



One of the powerful new Valtra Tractors on show from McGilly Tractors at the tractor run on Saturday to support local football club Copany Rovers PHOTO: BRIAN MCDIAD



Seamus Hanafin pictured at Saturday's charity event



A wave from Patrick Brusley as he leads off in his beautifully restored Massey Ferguson on Saturday



Two of the youngest participants in Saturday's charity tractor run in Donegal Town



View the updated proposal for Cloghercor Wind Farm

The Cloghercor Wind Farm team invite you to view the updated, final stage project proposal at our community engagement events.

Gweebarra Bar, Meenagowan, Lettermacaward
Wed 2 Nov, 2pm-8pm

Teach Gleann Coe, Main Street, Doochary
Thurs 3 Nov, 2pm-8pm

Read on at info@cloghercorwindfarm.com or call our Community Liaison Officers on 086 9864577 to book an appointment. You can also view the updated proposal in the virtual exhibition room from Wednesday 2 November at: www.cloghercorwindfarm.com

FuturaEnergy Orsted

These events were rescheduled in respect to those affected by the Cresslough tragedy. The team send their deepest sympathies to those affected.