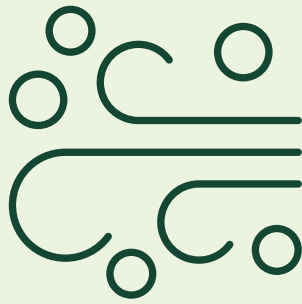


# Derrinlough Wind Farm Project Newsletter

Spring 2023





# Welcome

Dear Resident,

The purpose of this newsletter is to keep you up to date with the development of Derrinlough Wind Farm as the project progresses through the construction phase.

Bord na Móna's interest in developing Derrinlough Wind Farm is a result of the company's transition to becoming a major supplier of renewable energy. We have ended peat harvesting and have redefined our role in tackling the challenges posed by the climate crisis. We've changed how we manage our natural assets and created climate solutions that seek to renew our energy, recycle our waste, and neutralise our carbon emissions. We're rehabilitating lands for biodiversity, and we're returning raised bogs to peat-forming conditions so they can store carbon. We're restoring hope for nature, for the climate and for the future.

The development of Derrinlough Wind Farm involves an investment by Bord na Móna of over €150m in low carbon electricity generation infrastructure. The project will contribute to increasing the security of Ireland's energy supply and to the goal of generating 80% of electricity from renewable sources by 2030.

Main construction works commenced on the Derrinlough Wind Farm site in February. It is estimated that the construction phase will take approximately 24 to 30 months from starting onsite to the full commercial operation of the wind farm.

Further newsletters will be circulated as the project progresses. In the meantime, if you have any queries in relation to the project, please contact our Community Liaison Officers, Stephen on 087 3486624 or Enda on 087 0579141, or via email at [derrinloughwindfarm@bnm.ie](mailto:derrinloughwindfarm@bnm.ie).

Yours faithfully,

**Derrinlough Wind Farm Communications Team**

# Project Overview

**In February 2020, Bord na Móna submitted planning for the proposed Derrinlough Wind Farm to An Bord Pleanála, and consent was granted in late 2021. The wind farm will be located on Clongawney and Drinagh Bogs which are part of the Boora bog group.**

The two bogs have a total area of approximately 2,360 hectares. Combined they are approximately 6 km long in a north/south direction and 9km wide in an east/west direction at their widest point. The closest settlements to the site are Cloghan which is located approximately 2km to the north and Fivealley which is located approximately 2.5km to the south. Other settlements and towns in the area include Banagher (c. 3km west), Ferbane (c. 6km north), Birr (c. 7km south-west).

Once constructed, the development will consist of 21 wind turbines, with an overall tip height of 185 metres and will have a maximum export capacity of 105MW. To provide access within the site and to connect the wind turbines and associated infrastructure, approximately 29 kilometres of access roads will also be constructed. The wind farm will be capable of producing electricity to power the equivalent of approx. 68,000 households every year.



...the development will consist of 21 wind turbines







# Derrinlough Wind Farm Construction Team

## **BAM Civil Ltd.**

Following a competitive tender process, Derrinlough Wind Farm DAC (a subsidiary of Bord na Móna plc) has signed a contract with BAM Civil Ltd. for the delivery of the Civil Balance of Plant (CBoP) for the Derrinlough Wind Farm. The Civil Balance of Plant contract covers the construction of site compounds, temporary office facilities, site access tracks, crane hardstandings, and wind turbine foundations.

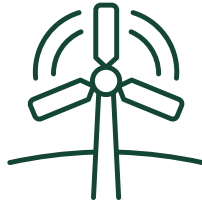
Established in 1958, BAM Civil (formerly Ascon), is the largest civil engineering and public works contractor in Ireland. Projects include PPP motorway schemes, transportation, water and wastewater, marine and rail projects.

## **H&MV Engineering**

A contract has also been signed with H&MV Engineering for the delivery of the Electrical Balance of Plant (EBoP) for the Derrinlough Wind Farm. H&MV Engineering will be responsible for the design, construction and commissioning of the 110kV substation and associated 110kV grid connection as part of the development of Derrinlough Wind Farm.

H&MV Engineering is a trusted name in the electric power transmission industry. Established in 1997, they have quickly become a leading specialist in high voltage transmission and distribution systems. Their main expertise is in the design and build of substations up to 400kV. They have successfully completed projects across many sectors – transmission and distribution, renewables, data centres, manufacturing and pharmaceuticals. H&MV have offices and active site locations throughout Ireland, the UK, Europe, Africa, the Middle East and India.

# Bord na Móna



## Derrinlough Wind Farm



**JENNINGS O'DONOVAN**  
& PARTNERS LIMITED  
CONSULTING ENGINEERS

### Vestas

The turbine contract for Derrinlough Wind Farm has been awarded to Vestas. The contract includes the supply, installation, and commissioning of 21 V150–6.0 MW EnVentus wind turbines with a site-specific hub height of 110 metres, as well as a 20-year Active Output Management 5000 (AOM 5000) service agreement, designed to ensure optimised performance of the assets.

Vestas is the energy industry's global partner on sustainable energy solutions. They design, manufacture, install, and service wind turbines across the world. With more than 164 GW in 87 countries, Vestas has installed more wind power than anyone else. They have been in Ireland for 30 years and have 1.2GW of turbines installed – equivalent to approximately 25% of the country's total onshore wind capacity. Through Vestas' industry-leading smart data capabilities and +144 GW of wind turbines under service, they use data to interpret, forecast, and exploit wind resources and deliver best-in-class wind power solutions for their customers.

### Jennings O'Donovan Consulting Engineers

Jennings O'Donovan have been appointed as Client Engineer for the construction phase of Derrinlough Wind Farm.

Jennings O'Donovan & Partners Limited (JOD) is an award-winning multidisciplinary consultancy providing specialist expertise in renewable energy. Founded in 1950, the company is Irish owned and is headquartered in Sligo, with a satellite office in Dublin. Committed to the principles of climate action, the low carbon economy, and to the need for net zero emissions by 2050, JOD have been active in the wind energy market in Ireland since 1998 and is a recognised market leader in the development of wind farms, solar farms and battery energy storage facilities.

# Construction Programme

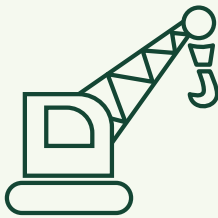


Pre-construction works were completed in November 2022.

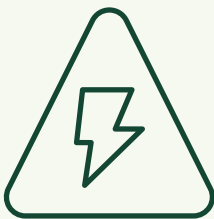
The key construction activities on the project over the coming months will include:



Construction of the wind farm access tracks and drainage network.



Crane hardstand construction and foundation excavations.



Construction of the substation building and equipment foundations plinths.



Road construction underway.





TSO building underway.



Plinth works continuing.



Substation site.



# Amenity Plan



Similar to Bord na Móna's Mountlucas and Cloncreen Wind Farms in east Offaly, amenity facilities (such as utilising the road networks for walkways/cycleways) will be incorporated as part of the Derrinlough project. Approximately 29 km of internal road network will be constructed as part of the development.

In addition, to enhance the amenity potential of the site, the Project Team are continuing to develop a wider amenity plan for the wind farm. Bord na Móna would like to seek the local communities' suggestions/ideas for proposed amenity that could co-exist on the Clongawney and Drinagh bogs alongside the wind farm. Over the coming months, the company will speak with residents and community groups to gather suggestions and ideas.





# Meet the Buyer Event

In line with the Government Code of Practice for Wind Energy Development in Ireland, Bord na Móna will organise a “Meet the Buyer” event to introduce the main contractors of the project to the community. This will offer the contractors an opportunity to meet with the local community, including local suppliers and trades to facilitate greater local economic benefits.

## Meet the Buyer

### Venue

Cloghan Parish Hall,  
Ferbane St, Cloghan,  
Co. Offaly, R42 AK24

### Date & Time

Wednesday  
10th May  
5–8pm

### Contractors Attending

BAM Civil Ltd  
H&MV Engineering



In the meantime, should you wish to express an interest in working on the wind farm development, or providing services or materials to the project contractors or Bord na Móna on the project, we are inviting you to send an expression of interest to: [derrinloughwindfarm@bnm.ie](mailto:derrinloughwindfarm@bnm.ie)

Your expression of interest will be forwarded to the relevant party for consideration. Please note that an expression of interest does not guarantee employment nor is it an offer of employment and has no legal effect. Bord na Móna is facilitating the transfer of expressions of interest only.

It will be solely a matter for the relevant party how they deal with and respond to any expression of interest. For the purposes of data protection, please note that the only personal data that we hold will be the details you submit on your “Expression of Interest” (Name, address, email, contact number etc). Your details will be stored in a secure encrypted database on the Bord na Móna servers for a period of six months. By sending this information to the project email you are consenting to Bord na Móna forwarding this information to the wind farm contractors. The wind farm contractors will be subject to relevant data protection legislation which includes the requirement to protect any personal data they hold for the purposes of providing the service.



The Edenderry Community First Responders received support from the Cloncreen Construction Fund to purchase a defibrillator to the benefit of their local community.

# Construction Fund

The Construction Community Benefit Fund for Derrinlough Wind Farm is now open. Derrinlough Wind Farm has launched a Construction Community Benefit Fund to facilitate the support of local community projects. Should your local community project committee wish to apply for funding, please visit: **[www.derrinloughwindfarm.ie/community-benefits](http://www.derrinloughwindfarm.ie/community-benefits)** to complete your application\*.

Organisations requiring any help or support with their application can contact us via: **[derrinloughwindfarm@bnm.ie](mailto:derrinloughwindfarm@bnm.ie)** with their enquiries.

Community based and voluntary organisations located within or working with communities in the vicinity of the development or turbine transport route are encouraged to apply for support through the fund. Applications will not be accepted from individuals.

For further details on the terms and conditions of the Construction Fund please visit: **[www.derrinloughwindfarm.ie/community-benefits](http://www.derrinloughwindfarm.ie/community-benefits)**

\*Please note that submission of an application does not guarantee funding. Requests are evaluated on a case-by-case basis.



# Stay updated

As part of our commitment to community engagement, we are keen to keep the local community and other interested parties up to date on developments of this project and, to provide opportunities to share feedback.

## How to contact us

There are a number of ways you can contact us if you require further information about the Derrinlough Wind Farm.

## Call us

Contact our Community Liaison Officers

**Stephen:** 087 3486624 • **Enda:** 087 0579141

## Email us

derrinloughwindfarm@bnm.ie

## Website

[www.derrinloughwindfarm.ie](http://www.derrinloughwindfarm.ie)

## Write to us

Bord na Móna Renewable Energy,  
Main Street, Newbridge, Co. Kildare.

If you haven't done so already but would like to receive project news you may request to receive updates in the following ways:

## Post

Join our mailing list by visiting [www.derrinloughwindfarm.ie](http://www.derrinloughwindfarm.ie) and complete the short sign-up form.

## Text

Join our text message alert system by visiting [www.derrinloughwindfarm.ie](http://www.derrinloughwindfarm.ie) and complete the short sign-up form.



**Bord na Móna**

