

Location of Proposed Development



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Proposed Clonarrow Wind Farm

Project Update, August 2024



Up to 4 Turbines

with tip heights of up to 180m



c.24 MW

A generating capacity of up to c.24MW, powering up to 13,000 homes¹



Project Update

Regnum Renewables Developments Ltd (Regnum) would like to follow up on our previous engagement from February 2024, a notably positive experience, to update you on the current status of the proposed Clonarrow Wind Farm development.

This information is being circulated to you and your neighbours, as the proposed site is within the townland of Clonarrow / Riverlyons. The purpose of this leaflet is to inform you of the progress that has been made since our last engagement.

At Regnum, we hope to maintain an open, two-way dialogue with the local communities. We are committed to engaging with you, to ensure transparency and keep you updated on the status of the project.

Climate Action Plan 2024

Ireland is committed to achieving climate neutrality by 2050. The Climate Action and Low Carbon Development Act 2021 is a legislative framework in Ireland which sets a legally binding target of a 51% reduction in greenhouse gas emissions by 2030, compared to 2018 levels.

The Act establishes clear targets and commitments to align with national, EU, and international climate goals.

Specific targets for 2030 include achieving 9,000MW from onshore wind, 8,000MW from solar, 5,000MW from offshore wind energy, to raise the share of renewable electricity to 80% by 2030.

Onshore Wind

Ireland has one of the best wind resources and generation potentials in Europe. Onshore wind contributed a record high of 35% of total electricity generation in Ireland in 2023. Onshore wind was the main source of electricity generation in Ireland, generating over 43% of electricity in Q1 2024 (SEAI).

While offshore wind energy will play a significant role in Ireland, we remain reliant on onshore wind energy to meet our 2030 Climate Action Plan targets.

Currently:

- ✓ 42% of total electricity generation from renewables (EirGrid)
- ✓ 4,671MW onshore wind installed (April 23)

2030 Targets:

- 80% share of electricity generation from renewables
- 9,000MW onshore wind installed

Next Steps and Indicative Timelines

Second round of engagement with the local community regarding the proposed development

Geological, hydrological and ecological investigations continue on site

Submit a planning application to Offaly County Council

Bird surveys and bat surveys will continue on the site.

August 2024

Noise, flood and visual impact assessments will be undertaken

Compile and review all chapters of Environmental Impact Assessment

December 2024

Contact Us

Please visit our project website which we will keep updated as the project progresses: <https://regnumrenewables.ie/projects/clonarrow-wind-farm/>

If you have any feedback, comments or queries in relation to the project, please do not hesitate to contact us through our dedicated Community Liaison Officer for the project: Daragh Browne; t: +353 87 487 6422 e: daragh@regnumrenewables.ie

Alternatively, you can email the project team at: hello@regnumrenewables.ie



About Regnum

Regnum is an Irish company where respect for the land and the people who live on it is always utmost in our design.

Our focus throughout the development process is to benefit local communities which host a wind farm in their area during the lifetime of the wind farm. Benefits come from creating new jobs, boosting the local economy, upgrading the local infrastructure and providing direct community investment.

We believe in driving Ireland's energy future through our expertise in renewable technologies.

1. SEAI Energy in Ireland Report, December 2022, Section 10.4, Table.42



What makes Clonarrow suitable for a wind farm?

- ✓ There is a strong wind resource available at the site.
- ✓ Setbacks from housing achievable, in line with Wind Energy Development Guidelines.
- ✓ The site is designated as 'Open to Consideration' for wind energy development, in the Offaly County Development Plan (CDP).
- ✓ No ecological concerns identified based on a desktop review.
- ✓ There has been positive engagement from private landowners and community.
- ✓ Accessible grid route from the site.

Proposed Development

The proposed 4-turbine layout and turbine dimensions will be subject to change as the detailed environmental studies progress.

The project will also include access tracks, a substation and ancillary infrastructure, a temporary construction compound, a temporary meteorological mast, underground cabling and a grid connection which links the wind farm to the national electricity grid.

Project to date

- ✓ Completed a preliminary **feasibility study** for the proposed project
- ✓ Completed desktop **energy yield** assessments for the proposed site
- ✓ **Second year of bird surveys** are underway on site. Surveys will continue through 2024 and 2025
- ✓ An **Environmental Impact Assessment** Report is underway and will accompany the planning application
- ✓ Completed **noise assessment** using on site data
- ✓ **Bat surveys** are underway in the study area
- ✓ **Transport route assessment** has been completed for equipment delivery
- ✓ **Hydrological** and **geological** assessments are underway
- ✓ An ecological **habitat assessment** has been completed in the study area
- ✓ Engaged in a productive pre-planning meeting with Offaly County Council
- ✓ Issued Scoping Report to **40 Consultees**

Project Benefits

Locally

- ❖ Establishment of a Community Benefit Fund, supporting positive local initiatives, clubs and schools, with up to €1.5 million to be invested over the lifetime of the project
- ❖ Substantial commercial rates paid to the Local Authority, each year
- ❖ Up to 100 jobs supported during construction
- ❖ Potential infrastructure improvements and upgrades, if required
- ❖ Development contributions to be paid to the Local Authority in advance of construction as per the adopted S48 Contribution Scheme

Nationally

- ❖ Significant reduction of electricity prices by removing expensive fossil fuel generators from the system and replacing with cheaper renewable alternatives
- ❖ Increased security of energy supply and progression towards energy independence for Ireland, reducing reliance on imported fossil fuels
- ❖ Cleaner air and water quality through the offset of over 335,000 tonnes CO₂eq over the lifetime of the project (Carbon Calculator)
- ❖ Contribution to national and regional renewable energy targets for both 2030 and 2050 targets

Community Benefit Fund

When the wind farm is granted planning permission, Regnum is committed to setting up a community benefit fund to support the residents living closest to the project. We will collaborate closely with the community to customise this financial support package, placing local individuals at the forefront of decision-making regarding its implementation and impact.

Environmental Impact Assessment

A significant component of the planning application for a wind farm, is a detailed Environmental Impact Assessment Report (EIAR). The EIAR will assess the site as it is currently, and investigate any elements that could be impacted by the construction or operation of the proposed wind farm. It will consider the project in the context of local and national policy.

The EIAR is comprised of several chapters, each covering a different topic relating to the proposed development, including:

- | | | |
|--------------------|----------------------|---------------|
| ○ Project Overview | ○ Hydrology | ○ Air Quality |
| ○ Biodiversity | ○ Noise & Vibrations | ○ Archaeology |
| ○ Ecology | ○ Visual Impact | ○ Geology |
| ○ Ornithology | ○ Shadow Flicker | ○ Traffic |

The EIAR is being undertaken by specialist consultants who are assessing the impacts of the proposed development. It will be made available for the public to view with the planning application.

Most chapters of the EIAR are currently underway, with ecologists, engineers, hydrologists and geologists all visiting the site in recent weeks, carrying out the relevant site investigations to inform their findings.

