

Shronowen Wind Farm

Statement of Community Consultation

EMPower



EMPower

EMPower is an Irish based international renewable energy developer with over 700 MW in development in Europe and Africa. Our senior management team has a combined 95 years' experience delivering projects from conception to operation across five continents.

EMPower is owned by GGE Ireland Limited, Wind Power Invest A/S and EMP Holdings Limited. We commenced project development in Ireland in 2018 following the government's announcement of the Renewable Energy Support Scheme (RESS) and Ireland's revised electricity target of 70% renewables by 2030.

Our vision is to provide low carbon, ecologically non-invasive, affordable energy to facilitate Ireland's expanding economy and sustainable energy targets. We are currently preparing for a Strategic Infrastructure Development planning submission to An Bord Pleanála, intended in Q4 2020. This is a legal requirement for applications above 50MW. EMP follows Equator Principles and IFC Performance Standards throughout all stages of development in order to ensure the protection of our local ecology and communities.

Our project website (www.shronowenwindfarm.ie) will be updated regularly with reports as they are made available and the final EIA will be published for comments prior to submission. Please submit comments through the website or email us directly at info@emp.group.

95 Years

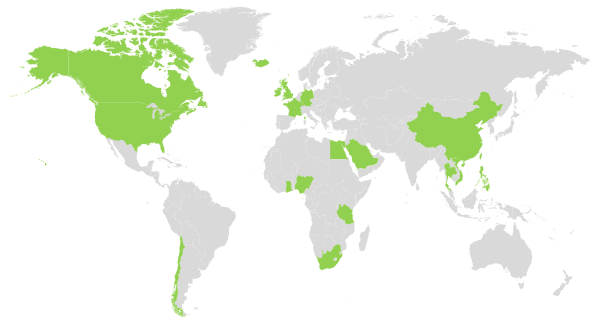
Combined Experience of EMPower Management Team in Renewable Energy

700 MW+

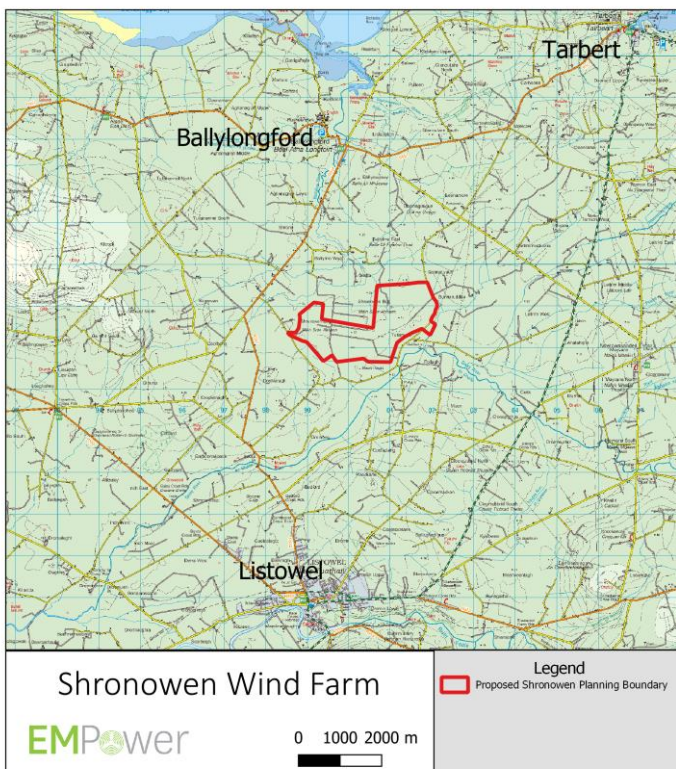
Wind Energy Capacity Currently Under Development By EMPower

5 Continents

Combined Geographical Experience of EMPower Team in Renewable Energy



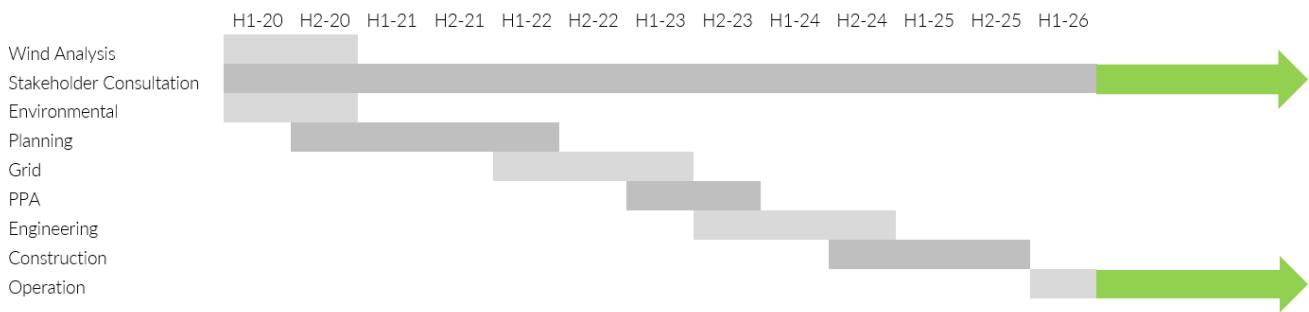
Shronowen Wind Farm



- 12 Turbines
- 50.4 MW
- Clean power for 35,000 Irish Homes
- Located in "Open to Consideration" Zone

The proposed development area of Shronowen Wind Farm consists of a 364ha site which is privately owned by 13 local landowners, located 6km north of Listowel. The final footprint of the project will be approximately 28ha. EMPower proposes to develop up to 12 turbines, of 150m tip-height, subject to environmental impact assessment and planning permission. The site was identified in the Kerry County Development Plan as an Open to Consideration area for wind development.

Project Schedule



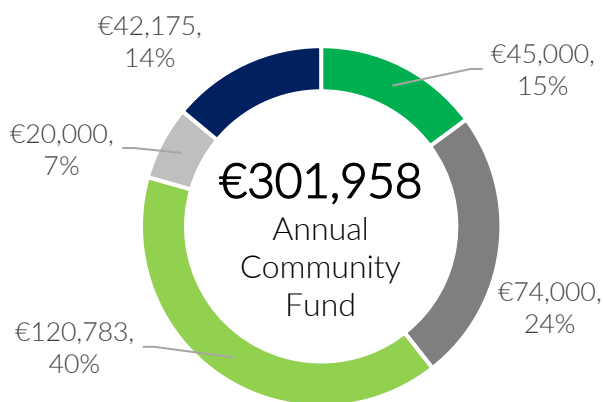
Community Benefit

Shronowen wind farm will require a €54.9 million investment and will provide sustainable, low carbon energy generation infrastructure to meet Ireland's growing demand. The development benefits to the local community include significant investment in local infrastructure such as roads and electrical systems, local job creation, and a contribution of €9.1 million in county council rates over the project lifetime.

Shronowen Wind Farm will also provide a community fund of approximately 302,000 per year, to be made available to the local community for the duration of the Renewable Electricity Support Scheme (15 years). The total fund is calculated as €2/MWh of electricity produced by the project, and as such, may vary depending on the final permitted capacity and generation performance of the project. The community benefit scheme will be divided as per the example illustrated in the chart below. 40% of the fund, amounting to approximately €120,000 per year, will be allocated to not-for-profit community enterprises, with an emphasis on low-carbon initiatives. An annual payment of **€1,000** will be provided to each household within 1km of any Shronowen Wind Farm turbine. An annual payment of **€500** will be provided to each household located between 1km and 2km of a turbine. The balance of the fund is proposed to be spent on clubs, societies and other worthy local causes successful in the annual application process. We welcome any suggestions from the community on suitable local projects that could be supported under this initiative.

As well as these direct financial benefits, Shronowen wind farm will provide local job creation, expected to total 85 direct jobs and 81 indirect jobs created during construction. Additionally 20 highly skilled local jobs will be sustained throughout the lifetime of the project. (SEAI, 2015)

Shronowen Community Fund



- Total Payment to Households <1km distance
- Total Payment to Households >1km, <2km distance
- Total Payments to not-for-profit community enterprises
- Total Payments for fund administration
- Total Payments to clubs and societies

85

Direct jobs in construction phase

20

Highly skilled jobs over project lifetime

€ 54.9 million

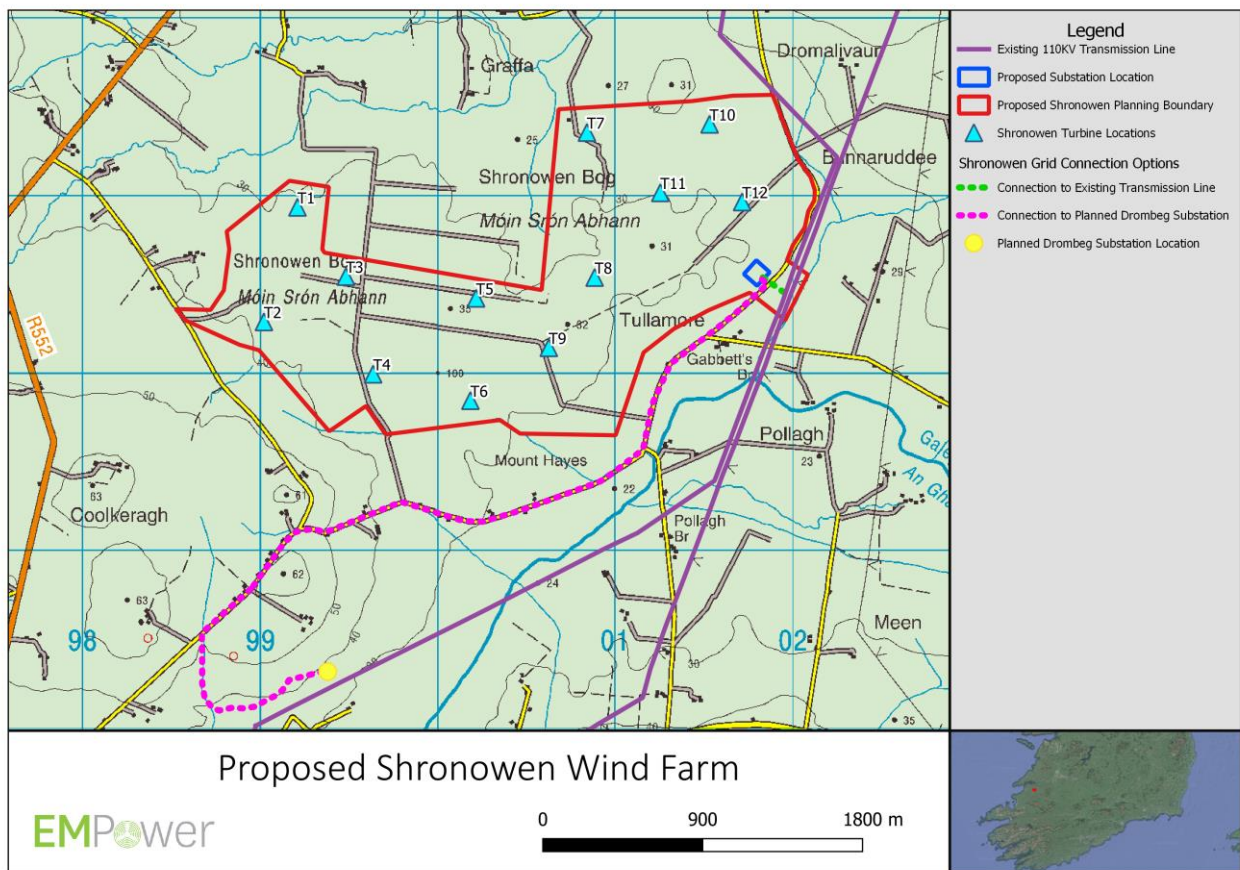
Investment in Irish infrastructure

€ 4.5 million

Total Community Fund Contribution

€ 9.1 million

County Council Rates Contribution



Environmental Impact Assessment

Following initial site screening activities, EMPower commissioned an Environmental Impact Assessment (EIA) for the Shronowen Wind Farm to assess what effects the project might have on the environment and local community. This is due to be finalised by the independent environmental and engineering consultancy, Malachy Walsh and Partners in Q4 2020. The final design will ensure that any sensitive areas are protected throughout development.. The wind farm layout is presented in the map above and a description of some key ESIA activities is presented to the right.



Ecology

An ecological impact assessment will be carried out in order to assess the impact on the site's flora and fauna, evaluating potential impacts on the local ecosystem. In line with industry best practice, EMPower are conducting 2 years bird surveys prior to planning application submission.



Shadow Flicker

Shadow flicker refers to alternating changes in light intensity caused by the moving turbine rotors impacting dwellings. EMPower will carry out a shadow flicker analysis to avoid any impact of shadow flicker on local buildings in line with current guidelines.



Noise Assessment

A noise assessment will be carried out to assess the impact of noise on the surrounding community by installing sound meters at noise sensitive locations (houses) and using turbine noise curves to establish noise emissions and design out any potential impacts.



Landscape and Visual

A zone of theoretical visibility (ZTV) will be produced outlining which turbines will be visible from various locations. Photo montages will identify the visual impact of the project by showing the operational turbines in situ.



Get in touch

Website : www.shronowenwindfarm.ie

Email : info@emp.group

Write : EMPower, 2 Dublin Landings, North Wall Quay, North Dock, Dublin 1