



CONNECTING COMMUNITIES

MaresConnect: Developing a 750MW Interconnector between Ireland and Great Britain for operation in 2027

www.maresconnect.ie

PROJECT BENEFITS



SECURITY

Reinforce security of electricity supply



NET ZERO

Integration of green energy across the Irish Sea



JOBS

Long-term jobs in construction and operations



SAVINGS

Reduction in wholesale energy prices



570,000

Equivalent to power 570,000 homes



€550m

Private capital investment for Ireland and Wales

MaresConnect is a proposed 750MW subsea and underground electricity interconnector system linking the electricity grids in Ireland and Great Britain.

Once constructed MaresConnect will deliver wide-ranging benefits to consumers and businesses in both Ireland and Great Britain, enhancing Ireland's security of electricity supply, **reducing the cost of electricity for consumers** and further facilitating the transition to a **low-carbon economy**.

MaresConnect will have a nominal capacity of 750MW, **equivalent to powering 570,000 homes** when fully utilised.

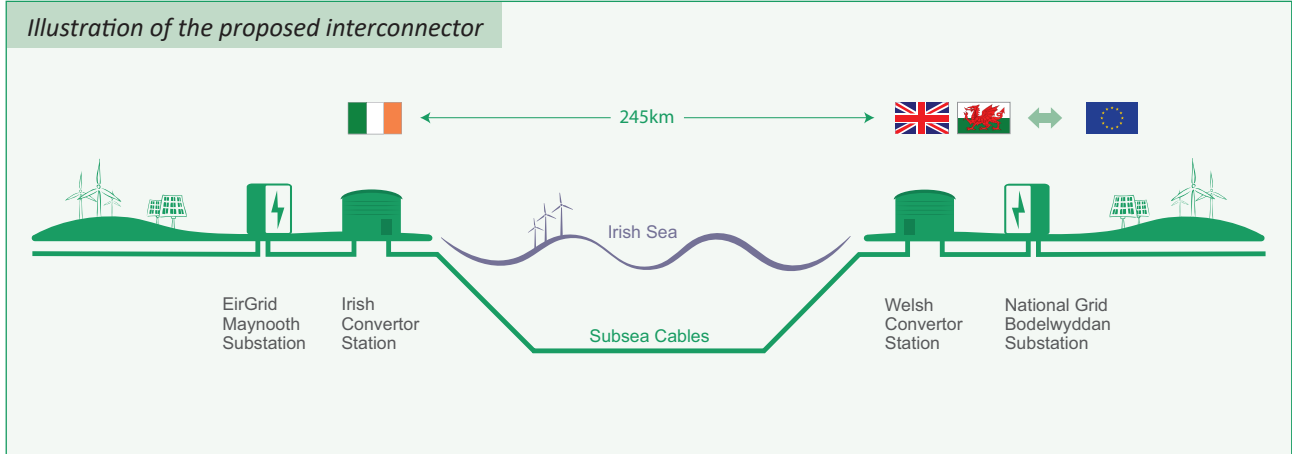
MaresConnect is of key strategic importance for the transformation of the energy systems in Ireland and GB by providing further interconnection capacity between the two and a stepping stone with connections from GB to EU Member States. MaresConnect will foster the integration of further, substantial renewable energy sources to support the Irish and UK governments' 2030 green energy targets and achieve their **Net Zero** goal. Further interconnection between the two nations will **increase security of supply**. Interconnection creates downward pressure on wholesale energy prices, leading to savings for energy consumers.

The provision of network support services by MaresConnect to operators in both countries will help to ensure safe and reliable operation of national electricity systems, such as voltage support, will further **improve network stability, and support renewable energy integration onto the grid**.

The project is expected to result in approximately **€550 million of private capital investment** in Ireland and Wales and will create long-term jobs in construction and operations. In addition, the project has the potential to bring further benefits with the inclusion of a high-speed direct fibre optic communications link between Ireland and GB.

THE PROJECT

MaresConnect is part of the European Ten Year Network Development Plan 2020 (ENTSO-E TYNDP 2020, project number #349), recognising the project’s key contribution to realising Europe-wide goals related to energy policy and climate change.



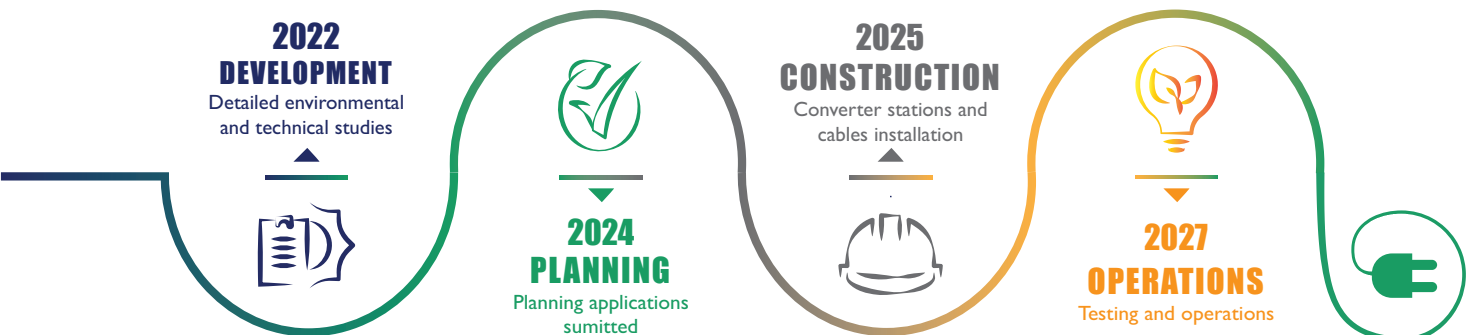
Planning and the environment

The project requires planning permission in Ireland and Wales. The construction and commissioning of an interconnector requires the completion of a thorough programme of environmental and technical assessment to ensure that the final interconnector design **fully considers the environment in which it is built**.


Technical and environmental constraints must be identified and fully assessed to ensure that they are considered within the final design of an infrastructure project. Detailed environmental and technical assessment surveys and route alternative studies are currently underway. Pre-planning discussions with statutory consultees, and other stakeholders are also continuing. Once a detailed proposal and design are completed, permits and licences will need to be obtained from a number of national and local authorities including: Denbighshire County Council, Natural Resources Wales and the Crown Estate and Ofgem, in the UK; and An Bord Pleanála, the Department of Housing, Local Government and Heritage – Foreshore Unit and the Commission for the Regulation of Utilities, in Ireland. MaresConnect is committed to maintaining an active dialogue with the public during the planning and construction phases to ensure the project addresses environmental concerns.

Once the appropriate permits and licences have been obtained, the project will be constructed, which is expected to take approximately three years from start to finish.

MaresConnect will procure construction contracts with highly skilled HVDC construction companies to ensure the **highest quality and value for consumers**.



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