



Orsted

# East Irish Sea Transmission Project

August 2025

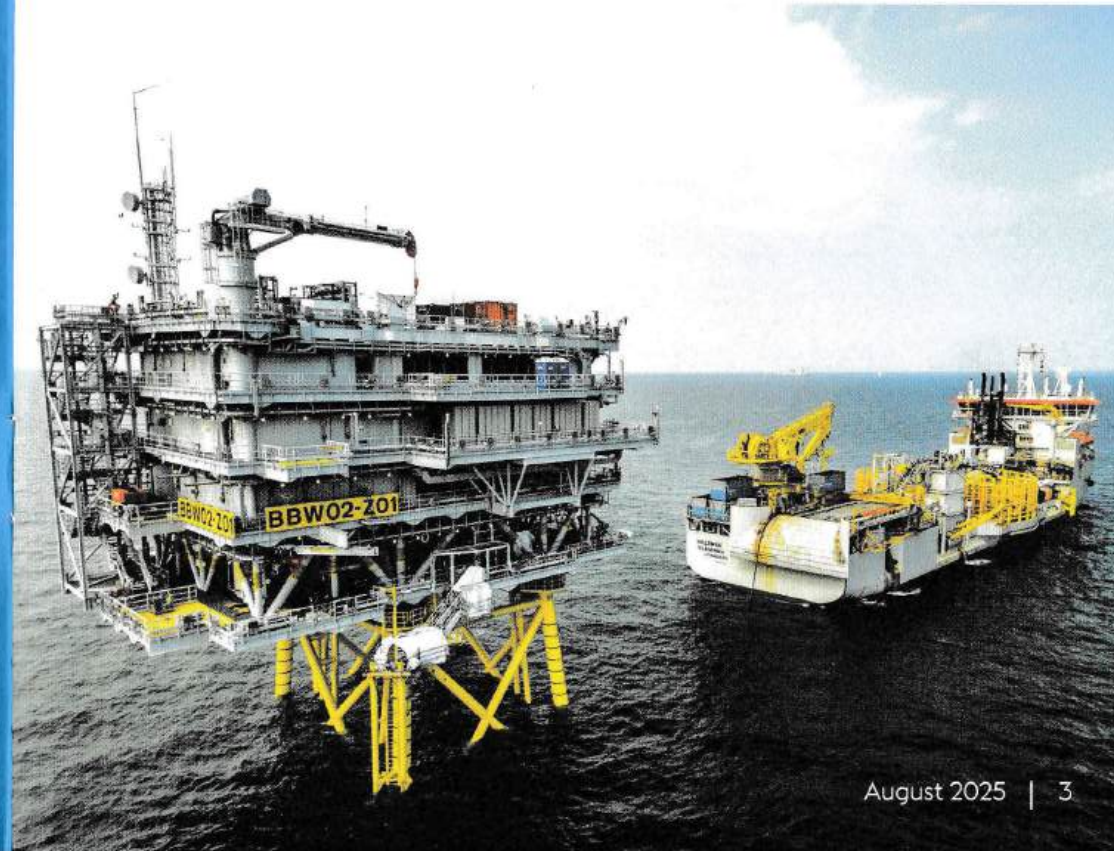


# Welcome

We would like to introduce the East Irish Sea Transmission Project. We are keen to engage and speak to you, the local community, at this early stage so that we develop our proposals with your views and feedback in mind.

The East Irish Sea Transmission Project will bring in the region of 1.4 GW of energy from the Moir Vannin Offshore Wind Farm to the UK, delivering secure, low cost energy to UK consumers. This booklet introduces our initial proposals, lets you know how to get involved, and

how you can find out more information at one of our community information events or on our project website. All the feedback we receive at this early stage will be used to help refine our proposals before our statutory consultation in 2026.





## Introducing Ørsted

The East Irish Sea Transmission Project is being developed by Ørsted, one of the world's leading renewable energy companies. Ørsted develops, constructs, owns and operates offshore and onshore wind farms, solar farms, energy storage facilities, and bioenergy plants. Ørsted is the world's leading offshore wind developer and the UK is our largest market. Today we're guided by a clear vision: to create a world that runs entirely on green energy.

Our 12 operational offshore wind farms in the UK have an installed capacity of 5.6 GW – which is enough green energy to power almost 6 million UK homes. We have invested over £15 billion in the UK building our offshore wind farms. We are committed for the long-term, both to leading the change to green energy – currently, we generate over 7% of the UK's electricity – and to investing in the communities where we work.

Ørsted is recognised on the Carbon Disclosure Project (CDP) Climate Change A List as a global leader on climate action and was the first energy company in the world to have its science-based net-zero emissions target validated by the Science Based Targets initiative (SBTi).

Headquartered in Denmark, Ørsted employs approximately 8,400 people globally with over 1,300 UK employees.

To find out more, visit Ørsted's website: [orsted.co.uk/about-us](https://orsted.co.uk/about-us)

## Our footprint in Great Britain and the Isle of Man

### Activities



Offshore wind



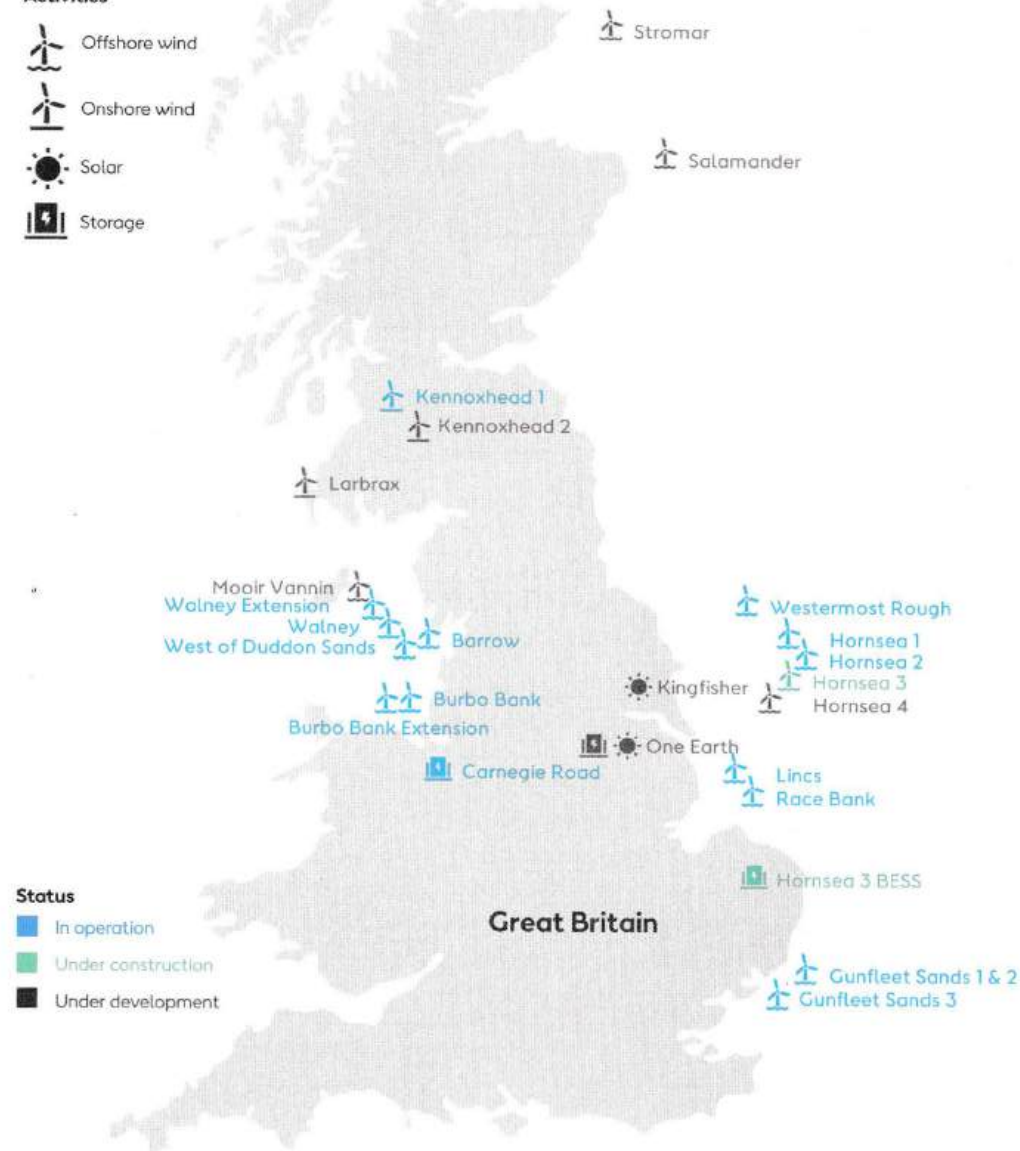
Onshore wind



Solar



Storage





## Introducing the Project

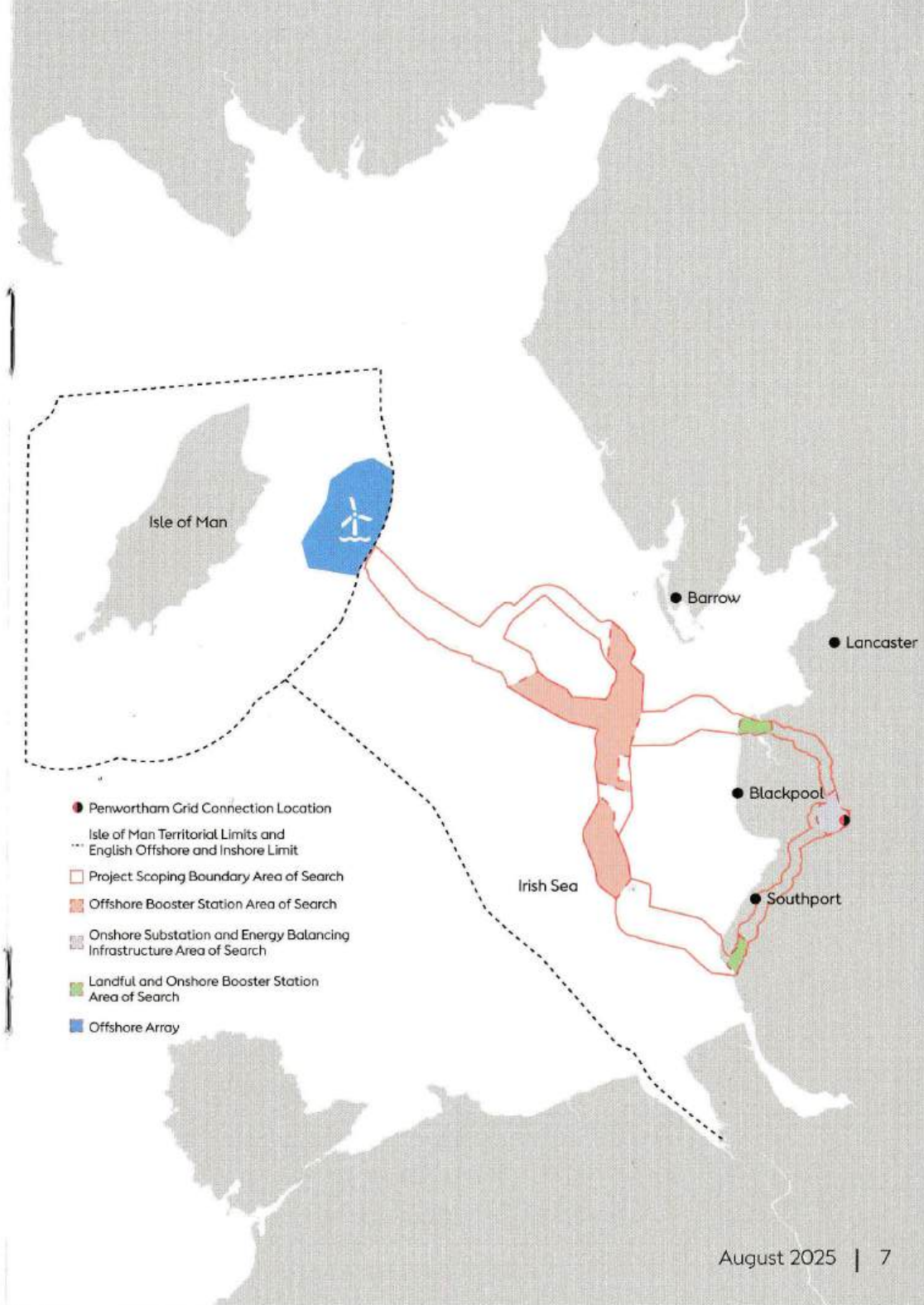
The East Irish Sea Transmission Project is seeking consent to bring secure renewable energy from the Mooir Vannin Offshore Wind Farm in the Isle of Man's territorial waters to UK consumers via a grid connection point at Penwortham. An application was submitted in March 2025 to the Isle of Man Government for consent to build and operate an offshore wind farm located within the Isle of Man territorial waters capable of generating in the region of 1.4 GW of renewable energy. Ørsted is working with the Isle of Man Government to explore providing them up to 100 MW to help support the Island's renewable energy, net-zero and economic growth targets. The remainder would be sent to the UK. That means the Mooir Vannin Offshore Wind Farm could power over 1.4 million UK homes by its estimated operational date of 2032-2033.

**The East Irish Sea Transmission Project will develop the infrastructure needed to connect the Mooir Vannin Offshore Wind Farm to the UK. This will include:**

- Offshore electrical connection cables bringing power from the offshore wind farm to a landfall location in North West England.
- Onshore electrical connection cables bringing power from the landfall location to Penwortham Substation.
- Offshore and/or Onshore Booster stations (if required) to increase the power transfer capacity of the export cables.
- An Onshore Substation housing the electrical infrastructure required to connect to the UK high-voltage transmission network.

The map on page 7 shows our current area of search (also known as the Scoping Boundary) for this infrastructure outlined in red. This currently includes two potential routes for cables - one to the north and one to the south. A preferred cable route will be selected based on environmental, technical, commercial, legal considerations and consultation feedback from the local community and statutory stakeholders likely in Q4 2025. From this point, one onshore cable route will be deselected.

Our plans will be refined within this area of search throughout the pre-application period and before our application is submitted. Final cable widths are likely to be in the region of 70 m - 120 m.





# Planning process

In October 2024 the Secretary of State determined that the East Irish Sea Transmission Project should be considered a Nationally Significant Infrastructure Project (NSIP) – a designation that requires development consent under the Planning Act 2008. An Environmental Impact Assessment (EIA) must be completed as part of the application for development consent. The purpose of an EIA is to identify potential impacts that may arise from the proposed development. This could include impacts to the environment, community or local economy. The first stage of an EIA is the development of an Environmental Scoping Report. The Scoping Report was recently published and can be found here: [eastirishseatransmissionproject.co.uk/documents](http://eastirishseatransmissionproject.co.uk/documents)

The purpose of the Environmental Scoping Report is to identify the key assessments that are needed in the EIA. It will be reviewed by a range of statutory stakeholders including local authorities, government organisations and other users of the land and sea. After their review, a Scoping Opinion will be provided by the Planning Inspectorate. While the Scoping Report is undergoing its official review, local residents are also invited to give their views on the project proposal. Feedback from both the local community and the Scoping Opinion will help to refine the project before its Development Consent application. We hope to share the evolution of the project's design and the preliminary results of the EIA by the autumn of 2026 and submit the development consent application approximately a year later. Please see our projected timeline on the following page.

# Project timeline and next steps





## Working with the local community

Community engagement is a vital part of our development process. We want to hear your views and work together as we develop our plans responsibly and in a manner that will support local interests.

We will be seeking feedback to help develop our proposals on matters including the environmental, social and economic impacts of the project. We apply a process of active and early engagement to provide stakeholders with opportunities to influence the final shape and size of the project.

We will be holding a series of community information events in September 2025 to ensure that all views can be considered early in the planning process. A schedule of these events along with our contact details can be found on the back of this leaflet.

To sign up for project updates please contact us using the details on the back of this booklet or visit: [eastirishseatransmissionproject.co.uk/consultation](https://eastirishseatransmissionproject.co.uk/consultation)

## Project benefits

Ørsted is committed to making a positive impact in the communities where we construct and operate our renewable energy projects.

We will establish a programme of community benefits which will deliver lasting, tangible outcomes within the local community. At this early stage of our proposals, local residents are invited to provide feedback on what benefits they would like to see alongside the East Irish Sea Transmission Project. This will help us understand local priorities and be best informed about how we can support the area.

### Benefits include:



Clean, affordable renewable energy – The East Irish Sea Transmission Project will provide the infrastructure to power approximately 1.4 million UK homes annually.



Community benefit fund – We donate to local communities where we construct and operate our projects through our Community Benefit Funds which have so far awarded over £11.5 million to more than 800 local social and environmental projects in the UK.



Local Employment and Skills – We have partnerships around the UK to support education, apprenticeships and jobs training. For example, we support the Marine Futures North West Internship Programme, the Eureka Mersey Science Museum and apprenticeships.



Local Supply Chain – Our work with local supply chains has enabled increased economic value in the UK through technical innovation, job creation, exports and investment. We are active members of the Offshore Energy Alliance and Mersey Maritime.



Investing in environment and infrastructure – Our ambition is to deliver green energy that protects and revives nature. We have partnerships with local environmental initiatives, such as the North West Wildlife Trust.



## Contact Us

You can contact us using the details below. Please don't hesitate to get in touch if you have any questions or comments:



**Send us an email:**  
EISTransmission@orsted.com



**Visit our website:**  
EastIrishSeaTransmissionProject.co.uk



**Send us a letter:**  
East Irish Sea Transmission Project, Orsted,  
5 Howick Place, London, SW1P 1WG

## Meet the team

We are holding a series of community information events as an opportunity for you to meet members of our team and learn more about our proposals at this early stage. Please feel free to drop in at any time during the opening hours – there is no need to register in advance.

Date and Time	Location
Monday 8 September, 13:00 - 18:00	Southport Community Centre, 99 Norwood Rd, Southport, PR8 6HQ
Tuesday 9 September, 14:00 - 19:00	Marine Hall Fleetwood, The Esplanade, Fleetwood, FY7 6HF
Wednesday 10 September, 14:00 - 19:00	Hightown Club, Thirlmere Rd, Hightown, Liverpool, L38 3RQ
Thursday 11 September, 14:00 - 19:00	Hambleton Village Hall, Church Ln, Hambleton, Poulton-le-Fylde, FY6 9BZ
Friday 12 September, 14:00 - 19:00	Newton, Salwick and Clifton Village Hall, Vicarage Lane, Newton-with-Scales, PR4 3RU
Saturday 13 September, 11:00 - 16:00	Penwortham Arts Centre, Liverpool Rd, Penwortham, Preston, PR1 9XE

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