

# Welcome

**We are delighted to welcome you to Ossian's public information day.**

The event provides an opportunity, for those who work and live in the community as well as a range of stakeholders, to find out about Ossian and our proposals in Lincolnshire.

The project is at an early stage of development and we look forward to listening to your views and ideas to help refine and shape the proposals.

## Meet the team

### SSE Renewables

With an operational portfolio of 4GW across offshore wind, onshore wind and hydro sites and a further development pipeline equating to 13GW, SSE Renewables is well versed in delivering projects across the UK and Ireland. This has included work on projects such as the 3.6GW Dogger Bank Wind Farm as well as Scotland's largest and the world's deepest fixed bottom offshore site, the 1.1GW Seagreen Offshore Wind Farm in the Firth of Forth.



### Marubeni Corporation

With expertise in floating offshore wind, Japanese conglomerate Marubeni Corporation operated the Fukushima Floating Offshore Wind Farm between 2013 and 2020, Marubeni will help bring the technology behind Ossian to life.



### Copenhagen Infrastructure Partners

Copenhagen Infrastructure Partners (CIP) is a fund management company specialising in tailor-made global energy infrastructure investments. Their experience in renewables alongside their role in developing a 100MW floating wind farm off the coast of Dounreay makes them well placed to help deliver this project.



# Why we're here

**Ossian is a proposed floating offshore wind farm, located off the east coast of Scotland, capable of delivering up to 3.6 GW of renewable energy.**

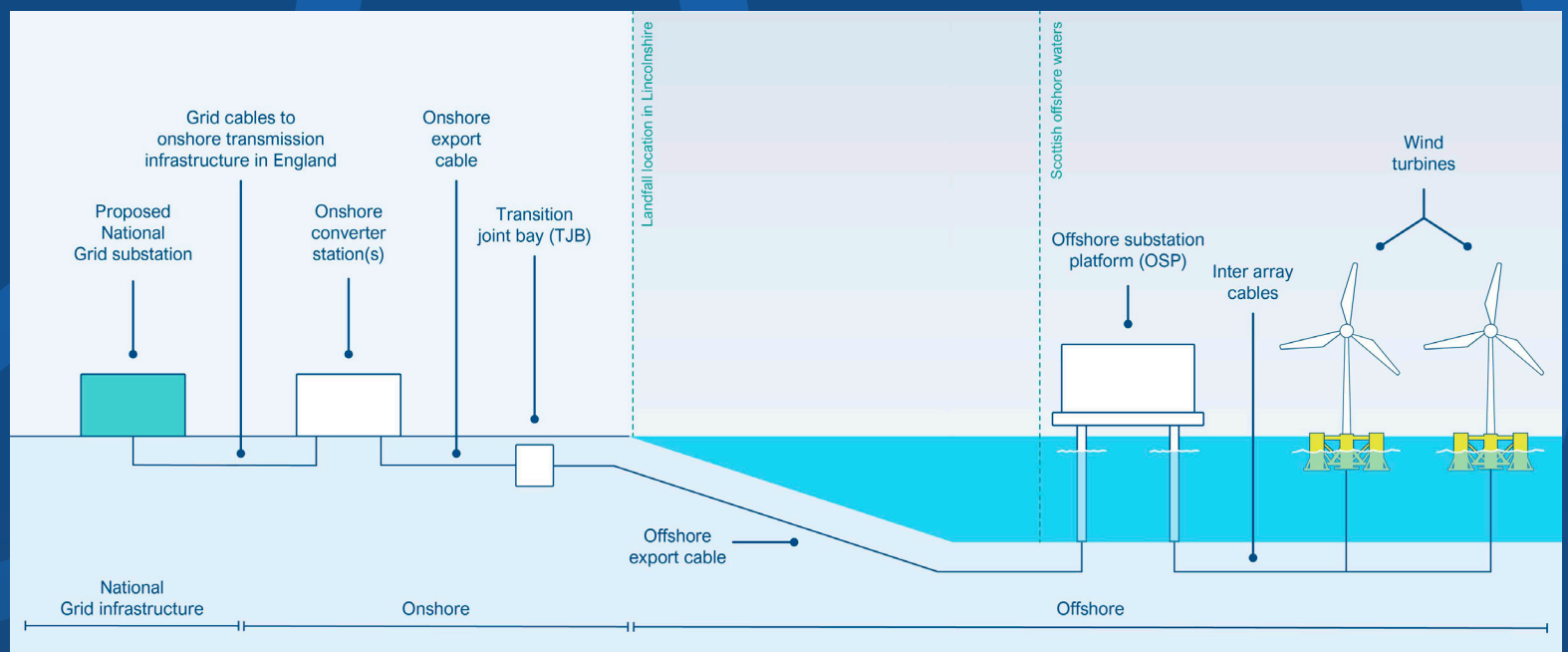
Once built, it will connect to new national grid infrastructure at the following two locations in Lincolnshire:

- Lincolnshire Connection Node, near Alford (LCN)
- Weston Marsh, near Spalding (WM)

To make these connections, we will be seeking consent to install electrical transmission cables from the wind farm to a location on the Lincolnshire coast. From this point on, cables will be installed underground, connecting into National Grid's electrical system via new project converter stations.

Our plans are at an early stage and we'll be using your feedback to develop our proposals before a non-statutory consultation in early 2025.

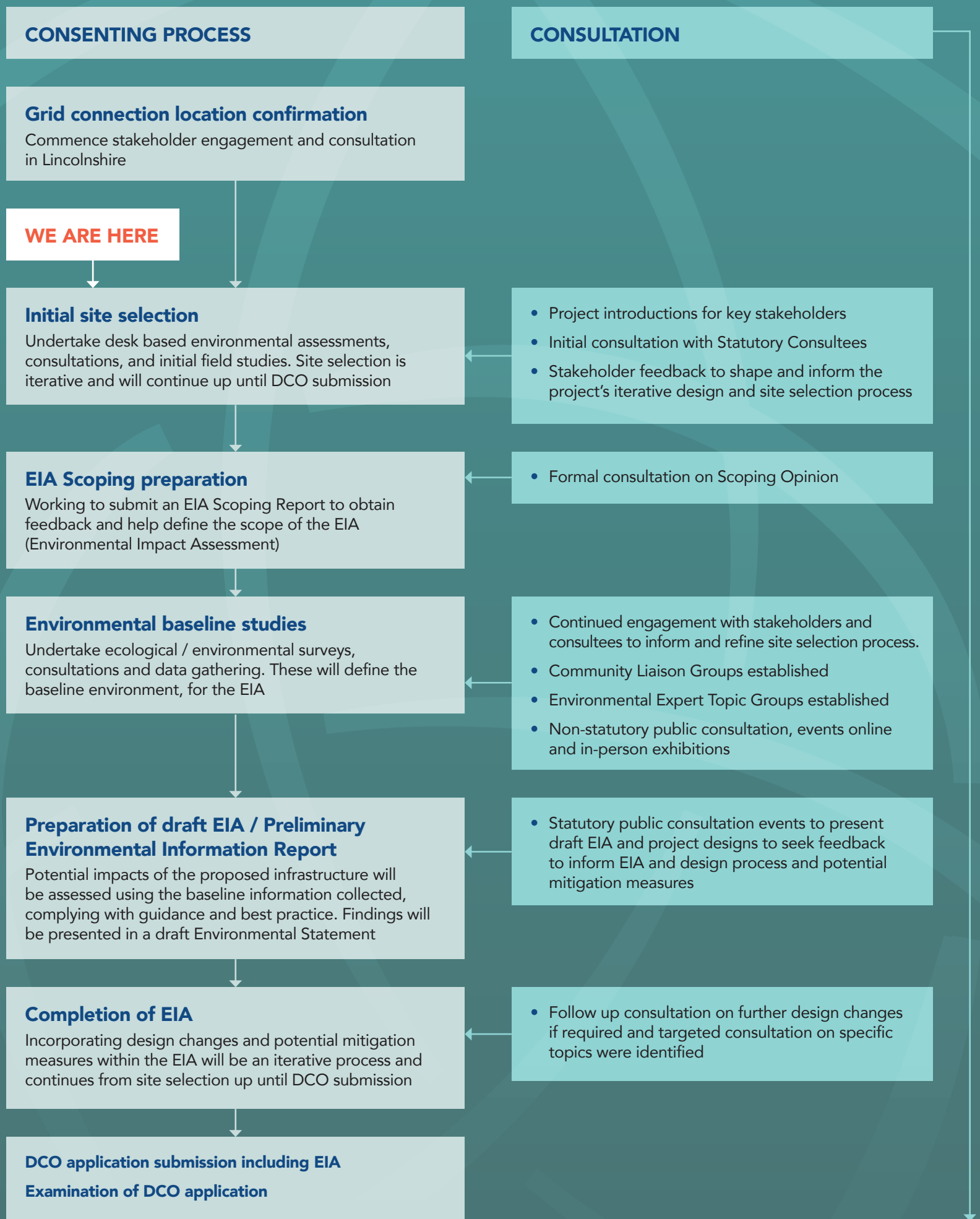
**We are seeking your views on the transmission infrastructure for the Ossian project, including cabling and converter station options.**



Example of typical offshore wind infrastructure

# Development stage

## Indicative development process



# Introducing Ossian

Ossian will be one of the world's largest floating offshore wind farms capable of delivering up to 3.6 GW of renewable energy. Located 84km off the east coast of Scotland, once built, it will connect to new national grid infrastructure in Lincolnshire.

As a project, we owe our namesake to The Poems of Ossian, an 18th century collection of epics from Scottish poet James Macpherson. In line with this poetic tradition, the scale of Ossian's impact on the nation's net zero objectives will be epic, producing enough energy to power approximately six million homes while offsetting up to 7.5 million tonnes of carbon emissions each year.

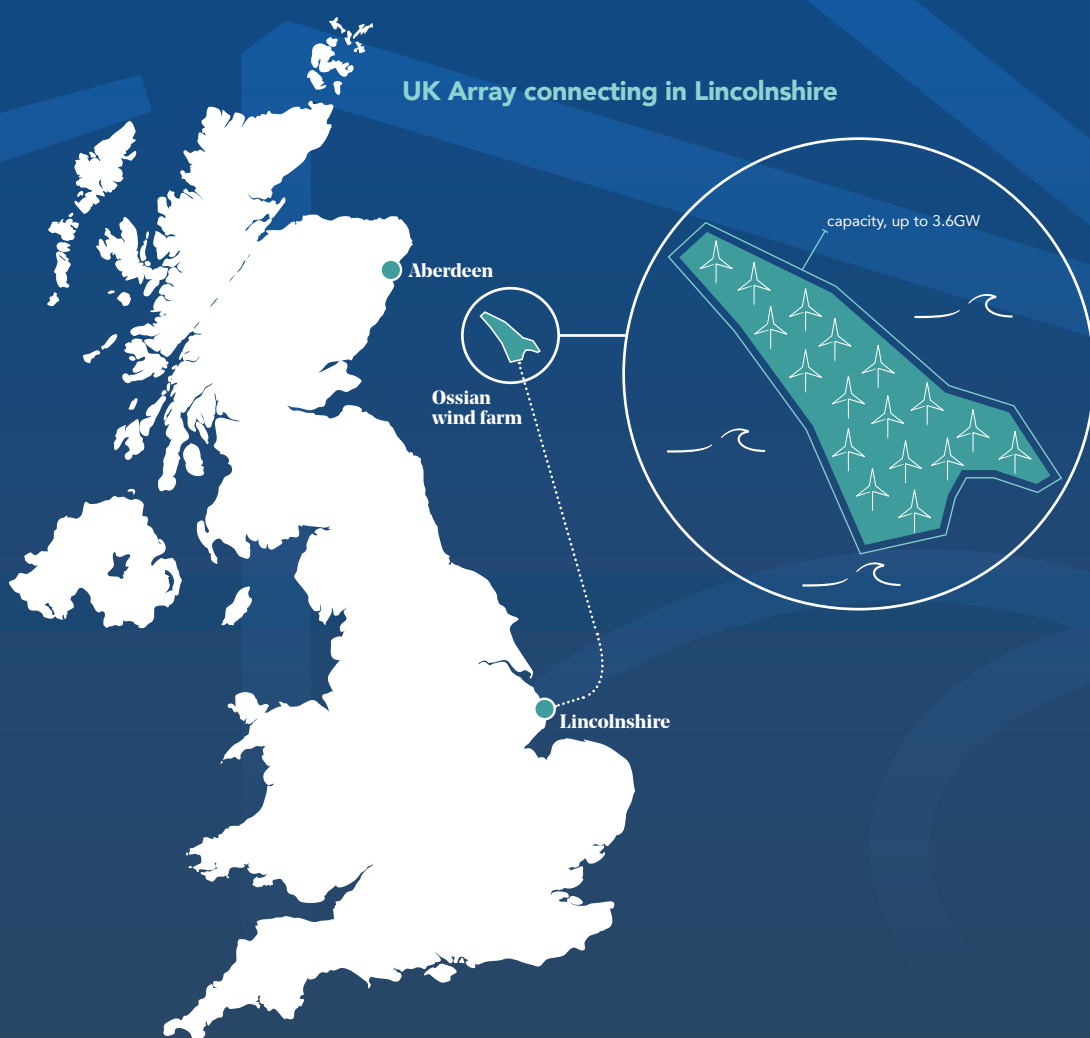
There are two principal elements of the Ossian Offshore Wind Farm project:

- The wind farm generation assets, including the floating offshore wind turbines and inter array cables
- The transmission infrastructure that will connect and deliver the renewable energy generated by the wind farm to the national grid.

Because the Ossian onshore transmission infrastructure has been identified as a Project of National Significance by the Planning Inspectorate, it will need to apply for a Development Consent Order (DCO). This is typical for infrastructure projects of this size.

The wind farm itself requires a separate application process to the transmission infrastructure, and this application was submitted to the Scottish Government in June 2024.

To connect Ossian, we will seek consent to install subsea cables from the wind farm to a landfall in Lincolnshire and then underground cables connecting to our new Ossian convertor stations. Underground cables will connect our convertor stations to National Grid's substations, near Spalding and near Alford. It is the Ossian transmission infrastructure proposals that we wish to hear your views on.



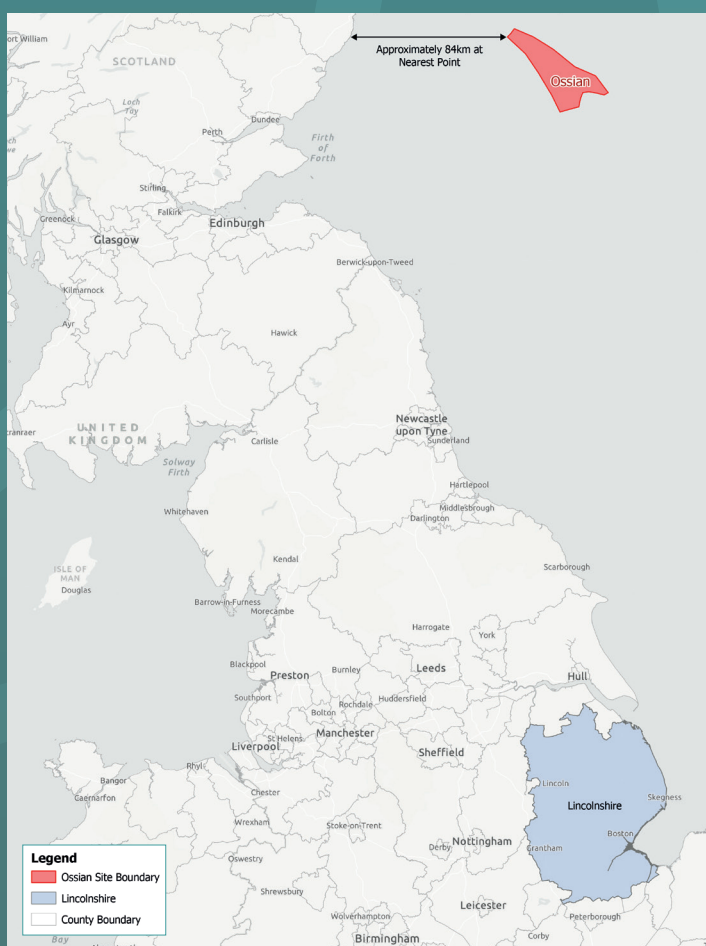


# Ossian grid connection

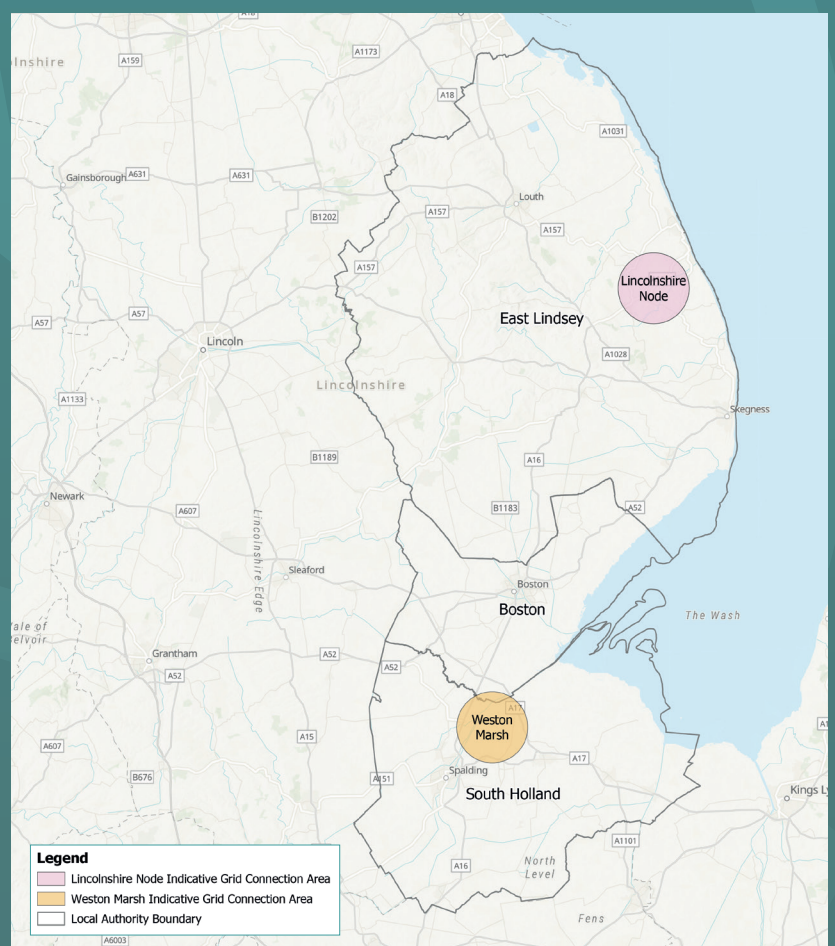
National Energy System Operator (NESO, formerly ESO), which manages the supply of electricity within Great Britain, confirmed that Ossian will be required to connect to the transmission network – often known as the national grid – at the following two locations in Lincolnshire.

- Lincolnshire Connection Node, near Alford (LCN)
- Weston Marsh, near Spalding (WM)

Our proposals are at an early development stage and the event being held here today gives us the opportunity to introduce the project and hear your views.



Contextual plan showing Ossian array and Lincolnshire County Council boundary



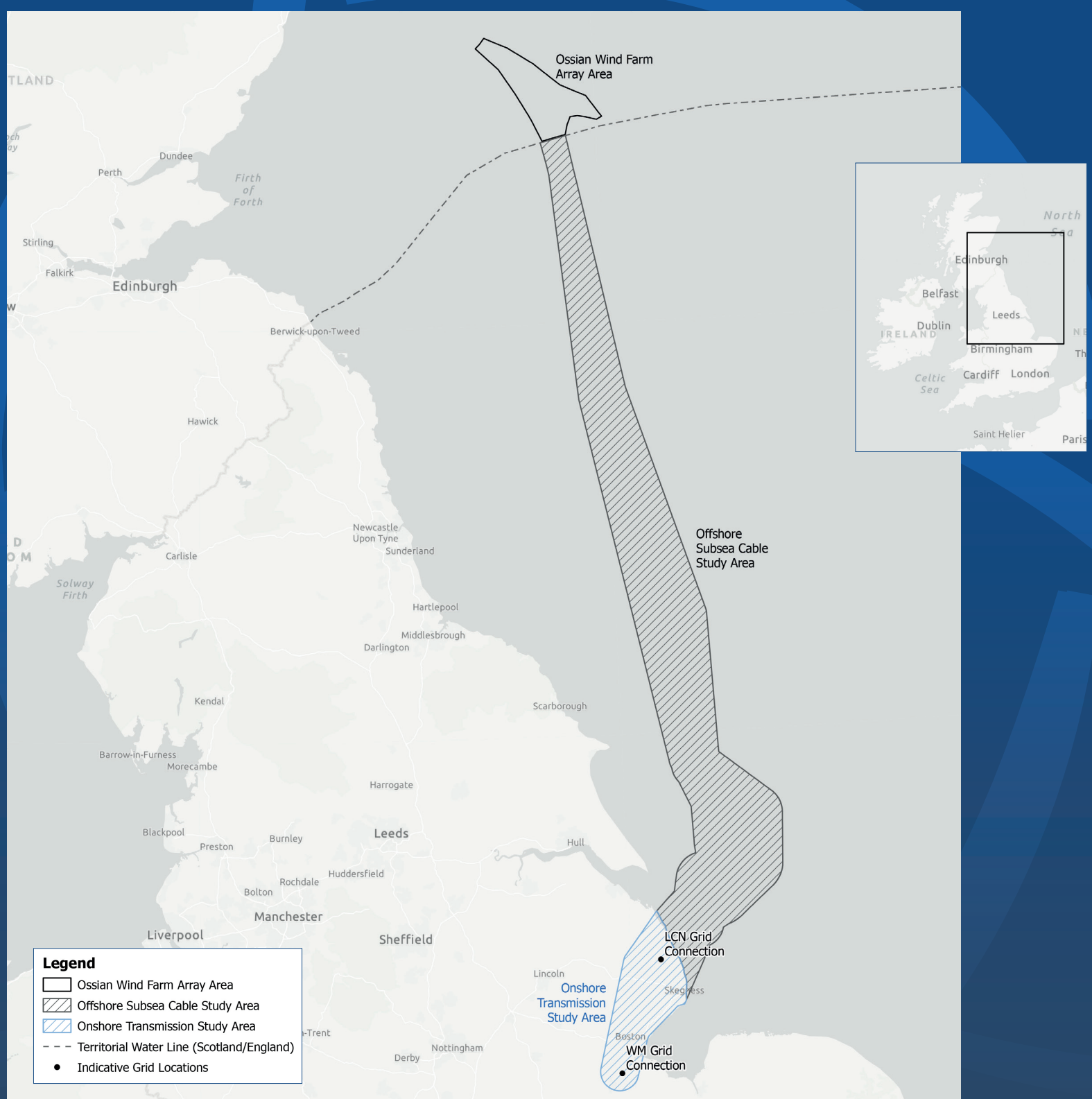
Plan showing local authority boundaries and indicative grid locations

# Offshore transmission infrastructure

The offshore subsea cable corridor extends from the offshore wind farm array area to landfall on the Lincolnshire coast.

We've considered a number of factors in determining options for the offshore export cable corridor, including:

- avoiding and minimising impacts to designated environmental sites;
- avoiding protected wrecks;
- protecting other users of the sea;
- avoiding existing infrastructure.





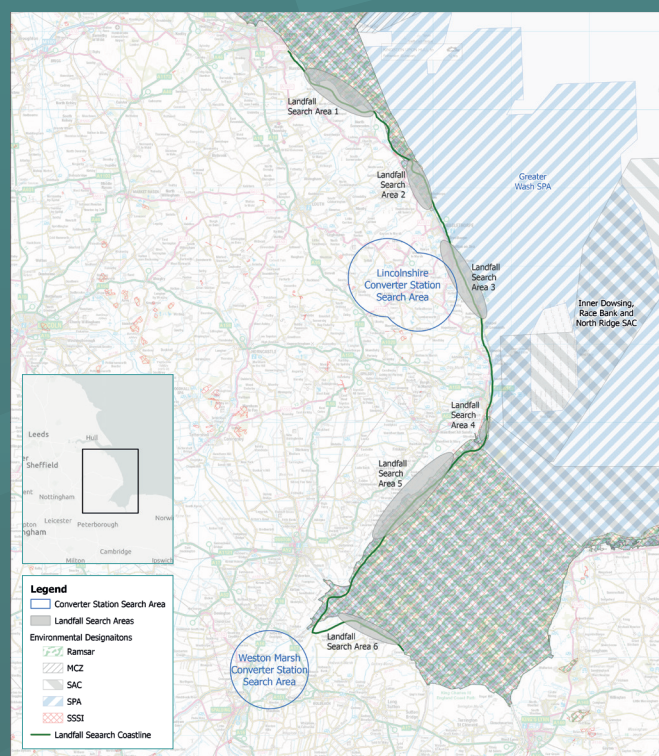
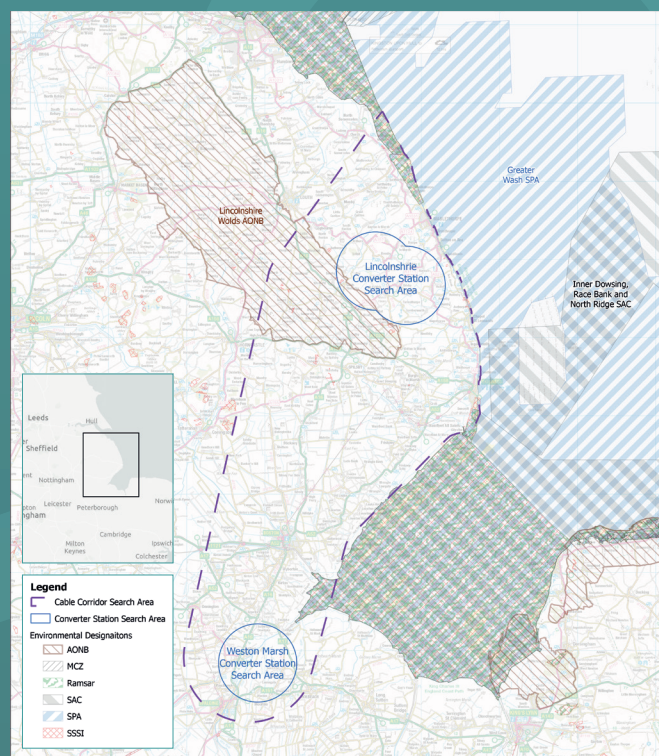
# Onshore transmission infrastructure

From the landfall, cables will be installed underground, connecting into National Grid's electrical system via two new project converter stations, at Weston Marsh near Spalding and at the Lincolnshire Connection Node near Alford.

Through the site selection process, environmental, community and engineering constraints are being considered and the following key principles adopted to minimise impacts where practicable:

- Avoiding ecological designations and heritage sites;
- Identifying the most direct route possible;
- Avoiding urban areas and residential properties;
- Avoiding best and most versatile agricultural land where possible;
- Avoiding areas of flood risk where possible;
- Taking into account emerging landowner, consultee and public feedback.

Following confirmation of National Grid's indicative grid connection locations, search areas have been identified where the project's converter stations could be sited which would then connect to substations to be delivered by National Grid. The project has also identified landfall search areas where the offshore cables could come ashore.



Site selection work is an ongoing process which is subject to consultation feedback, community and landowner engagement and potential opportunities for coordination with other developers.

This is the first opportunity to let us know about any points of interest around the landfall and within the cable and converter station search areas you feel we should be aware of.



# Renewable energy: securing a sustainable future

**Historically, most of the UK's electricity has been generated by fossil fuels, which has had a sizeable impact on carbon emissions.**

Renewable energy sources (such as wind, solar, biomass and hydroelectricity) emit lower or no emissions and are vital to the future of energy security. Currently, around 41% of our energy is renewable but the UK government plans to fully decarbonise our power system. Offshore wind – and Ossian – will help us get there.

The scale of Ossian, alongside the floating technology we use, will make it a game changer in the UK renewable energy sector and help the UK reach net zero by offsetting up to 7.5 million tonnes of carbon emissions each year and help ensure the country's future energy security.

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[ossiantransmission.com](https://ossiantransmission.com)



# What's next?

**Ossian is fully committed to listening to and engaging with the local community in Lincolnshire as our plans progress.**

We will need to apply for a Development Consent Order (DCO) and submit our application for the onshore transmission infrastructure to the Planning Inspectorate.

Ossian is still at an early stage in its development, and we are now commencing environmental surveys. These surveys will help us understand the local environment and identify potential sensitivities which can then be considered as part of our site selection process and are a vital part of the environmental impact assessment process.

We are planning to hold further stages of public consultation in 2025, before the onshore application for Development Consent is submitted in 2026.

There will be many opportunities to provide feedback throughout the pre-application process. Once the application is submitted, the Planning Inspectorate will examine our application and, again, the community and stakeholders will be invited to have their say.

## Supply Chain

If you would like to register your interest as a potential supplier to the Ossian Offshore Wind Farm project (either directly to Ossian Offshore Wind Farm Ltd or via our contractors) please visit our website.

[www.ossianwindfarm.com/supply-chain](http://www.ossianwindfarm.com/supply-chain)



# How to get involved

Here's how you can have your say on proposals for the Ossian transmission project:

- Visiting our website, [ossiantransmission.com](https://ossiantransmission.com)
- Emailing us at [info@ossiantransmission.com](mailto:info@ossiantransmission.com)
- Writing to us at **freepost ossian transmission**.  
It's free and you don't need a stamp

If you have any questions, please call the project team on **0800 138 5407**.

## Key dates

