

October  
2018

# Hornsea 4 Offshore Wind Farm Community Consultation Leaflet



 Orsted

# Introduction

This leaflet introduces Ørsted's proposals for our Hornsea Project Four Offshore Wind Farm ('Hornsea Project Four'), a new offshore wind farm which Ørsted is proposing to develop in the North Sea.



Ørsted is a renewable energy company taking tangible action to create a world that runs entirely on green energy. We have invested significantly in the UK, where we develop, construct and operate offshore wind farms and innovative waste-to-energy technology.



The UK is our largest market where we currently have 11 operational offshore wind farms and two under construction.



In the UK, our offshore wind farms are generating enough clean electricity to power over 3.2 million UK homes. By 2022, our two projects under construction will be operational and this figure will have increased to over 5.5 million UK homes.



We want to contribute positively to the regions which we are a part of — naturally, local communities expect our investments to generate growth and employment. For more information on our existing community initiatives and programmes, please visit our website:

<https://orsted.com/en/Sustainability/Governance/Sustainability-programmes/Communities>

# What is Hornsea Project Four?

Hornsea Project Four is a new offshore wind farm which Ørsted is proposing to develop in the North Sea, approximately 65 km off Flamborough Head on the Yorkshire Coast. Currently, we are investigating an offshore wind farm area for a project of up to 860 km<sup>2</sup>, where up to 180 turbines will be located.

The offshore wind farm area would be located to the west of our Hornsea Project One and Hornsea Project Two Offshore Wind Farms which are currently under construction.



-  Hornsea Project Four Offshore Wind Farm
-  Existing Ørsted offshore wind farm projects
-  Hornsea Project Four Onshore and Offshore Search Area

# Upcoming local information events

We are planning to hold a number of local information events to let you know more about our proposals for Hornsea Project Four. These events will provide you with an opportunity to come and hear more about our project, view our plans, discuss them with us, and to provide feedback on them.

These local information events, together with this leaflet, form part of our consultation. We would like to invite you to comment on our early stage proposals via our feedback form available online, at our events or to pick up at one of our Community Access Points (CAPs). We invite all comments during our consultation which will begin on **Wednesday 10 October 2018** and end on **Wednesday 21 November 2018**. Our communication lines will still be open following this period and there will more opportunities to comment on our proposals once these have been refined.

## Details of the local information events can be found below:

**Monday 22 October from 2pm to 8pm**, at Foston on the Wolds Village Hall, Main Street, Foston on the Wolds, YO25 8BJ

**Thursday 25 October from 2pm to 8pm**, at Barmston and Fraisthorpe Village Hall, Sands Lane, Barmston, YO25 8PG

**Friday 26 October from 2pm to 8pm**, at Leconfield Village Hall, Miles Lane, Leconfield, HU17 7NW

**Saturday 27 October from 10:30am to 4pm**, at Woodmansey Village Hall, Long Lane, Beverley, HU17 ORN

Our proposals for the project are still at a very early stage in the development process and these local information events are an important part of our pre-application consultation. Understanding what issues are most important for the local community is key, and the feedback gathered at these events will help us to shape our proposal going forward.



**As with all our events, everyone is very welcome to attend.  
Children's activities will be available.**

# Our consultation process

Hornsea Project Four is a Nationally Significant Infrastructure Project (NSIP) as it is proposed to have a generating capacity exceeding 100 MW. We will therefore be applying for a Development of Consent Order (DCO) through the Planning Inspectorate (PINS). The application will be determined by the Secretary of State for Business, Energy and Industrial Strategy. We plan to submit our DCO application in Q1 2020.

Our team is dedicated to working with local communities throughout the development of the scheme and beyond, should the scheme be granted permission. A key aspect of our process is to ensure that people receive useful information and that they are able to comment and provide feedback. Throughout this process we will be engaging with local communities, landowners, statutory stakeholders and non-statutory stakeholders such as local interest groups, about our plans.



# Your feedback

Hornsea Project Four will undertake an Environmental Impact Assessment (EIA) for both offshore and onshore elements of the project in accordance with EIA regulations. This will include the production of a Scoping Report, Preliminary Environmental Information Report and an Environmental Statement. Once published, copies of these reports will be available on our website. These will consider the likely impacts the project might have on the environment and all environmental, social and economic aspects.

## **Our commitments**

Our aim is to deliver an environmentally informed design for Hornsea Project Four, which includes a range of mitigation as part of that design. We want to hear from you about what issues are important to you and how you think you may be impacted. Furthermore, we are interested in hearing from you about what commitments we should make in the design of our proposals for Hornsea Project Four to mitigate any impacts and effects.

We have begun a commitments register which sets out what commitments we will make in the design and delivery of Hornsea Project Four. To see our commitments register and the list of impacts and effects we have identified in our impacts register please visit our website ([www.Hornseaprojects.co.uk/Hornsea-Project-Four](http://www.Hornseaprojects.co.uk/Hornsea-Project-Four)) or come along to one of our local information events.

By meeting us at one of our events or by submitting your feedback form online, at our events or via the post, you can tell us what commitments you would like us to make in the development of our plans for Hornsea Project Four.

At the end of the consultation period, we will prepare and submit a Consultation Report alongside our DCO application, which will explain how we consulted, provide a summary of all the feedback we received and explain how your comments have helped to shape our plans. A final impacts register and commitments register will also be submitted with our DCO application. This will detail the range of mitigation solutions and improvements we have made in order to make this a project which is acceptable to all.

# Would you like more information?



For those who are unable to attend our events in person, we will make sure that all the consultation materials and information presented at the events is readily available online. You can also fill in one of our feedback forms online on our website.



After each set of local information events, we will carefully consider all the feedback received and will summarise the key findings in a Consultation Summary Report, which will also be available on our website.



We will be holding further local information events in 2019. More information on our plans for consulting with the community is available in our Statement of Community Consultation (SoCC). The SoCC is available on our website and in hard copy at any of our designated CAP sites, listed at the end of this leaflet.



In preparation for our local information events, we are in the process of producing a Scoping Report which will present desk-based research on the existing onshore and offshore environments in the location of the proposed project. Copies of this report will be available at the events and on our website:

[www.Hornseaprojects.co.uk/Hornsea-Project-Four](http://www.Hornseaprojects.co.uk/Hornsea-Project-Four)

# Our proposals

The adjacent map shows the footprint which we are exploring for the project and the different areas associated with the infrastructure for the project.

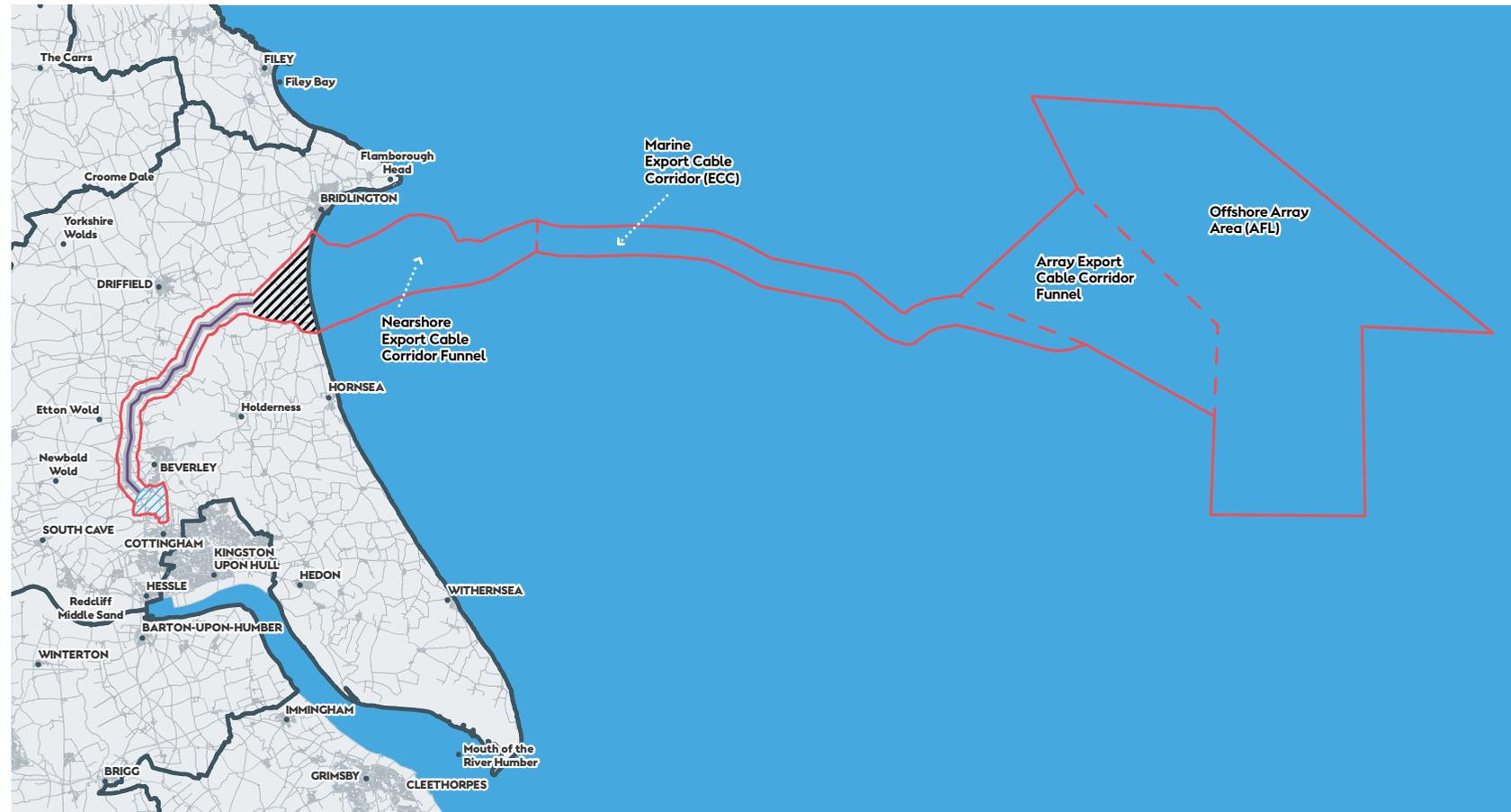
## Onshore Substation Search Area:

We are currently in discussions with National Grid over a proposed grid connection at Creyke Beck near Cottingham, in East Riding of Yorkshire. To make this connection we would look to develop an onshore substation for the project in this area.

**Landfall Search Area:** Electricity generated by Hornsea Project Four will be brought ashore via underground subsea cables which will be buried onshore at a point known as 'landfall' before connecting into an onshore substation and the national grid.

**Onshore Scoping Boundary:** We are currently assessing potential cable options which would be developed in the Onshore Scoping Boundary for the project.

**Offshore Scoping Boundary:** This is the area where the offshore export cable and array cable routes would be located.



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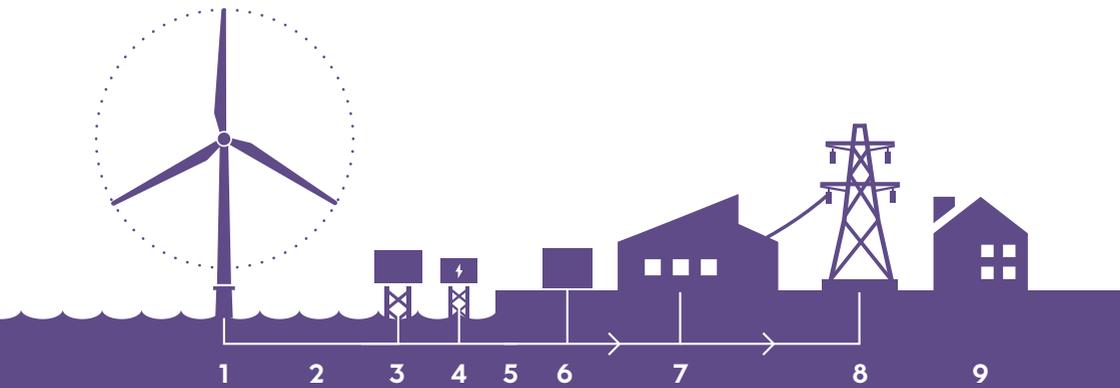
**Offshore Array Area:** This is the area where up to 180 offshore wind turbines for the project would be located.

**Export Cable Corridor Funnels:** Our offshore export cable route will be located within these areas. The funnels provide us with greater routing flexibility for areas that we are uncertain about at this stage.

## Key

- Onshore and Offshore Scoping Boundary
- ▨ Indicative Temporary Works (700m)
- ▨ Onshore Substation Search Area
- ▨ Landfall Search Area
- Indicative Permanent Cable Area (200m)

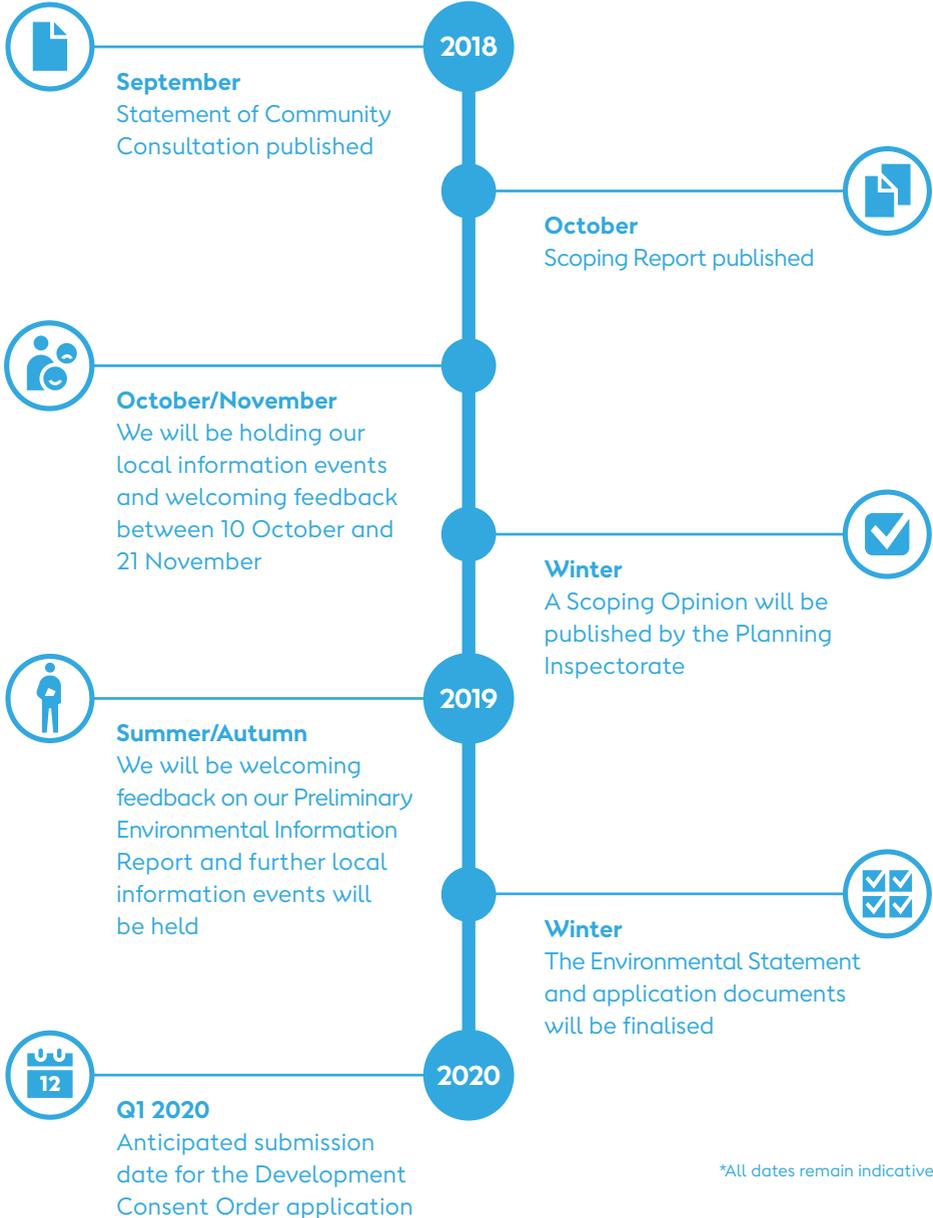
# Components of a typical offshore wind farm



1. Offshore wind turbines and inter array cables
2. Offshore export cable
3. Offshore substation
4. Offshore HVAC booster station
5. Onshore export cable and landfall
6. Ørsted onshore substation
7. Existing National Grid substation
8. Existing National Grid power lines
9. Homes



# Consultation timeline



# Stay informed

We want to keep you informed throughout the consultation period. If you would like to receive regular updates on the project so that you can understand how it is developing, you can 'Register Your Interest' via our website:

[www.Hornseaprojects.co.uk/Hornsea-Project-Four/Contact-us](http://www.Hornseaprojects.co.uk/Hornsea-Project-Four/Contact-us)

All of our project information is available on our website.

## Community Access Points

You can also access our project documents at any one of our Community Access Points (CAPs):

- **Beverley Customer Service Centre**, 7 Cross Street, Beverley, HU17 9AX
- **Bridlington Customer Service Centre**, Bridlington Town Hall, Quay Road, Bridlington, YO16 4LP
- **Cottingham Centre**, Market Green, Cottingham, HU16 5QG
- **Goole Customer Service Centre**, Council Offices, Church Street, Goole, DN14 5BG
- **Pocklington Pocela Centre**, 23 Railway Street, Pocklington, YO42 2QU
- **Hornsea Customer Service Centre**, Council Offices, 75 Newbegin, Hornsea, HU18 1PA
- **Withernsea Centre**, Queen Street, Withernsea, HU19 2HH

# What do you think?

A project specific email address, Freephone information line and postal address have been set up so that you can ask questions and provide feedback on the proposals.



**Send us an email:**  
**[contact@hornseaprojectfour.co.uk](mailto:contact@hornseaprojectfour.co.uk)**



**Call our Freephone information line:**  
**0808 169 3030**



**Visit our website:**  
**[www.Hornseaprojects.co.uk/Hornsea-project-four](http://www.Hornseaprojects.co.uk/Hornsea-project-four)**



**Send us a letter:**  
**Hornsea Project Four Offshore Wind Farm**  
**c/o Humphrey Laidlaw**  
**Ørsted UK**  
**5 Howick Place**  
**Victoria**  
**London**  
**SW1P 1WG**

Should you require this document in large print, audio or braille then place contact us using the details provided.

When responding to our pre-application consultation your personal data will be stored in compliance with GDPR by Ørsted and will not be shared with third parties. Your details may however be passed on to the Planning Inspectorate to ensure that our pre-application consultation is sufficient and in line with the planning process.

Follow us on Twitter:  
**@OrstedUK**      **#HornseaProject4**



[orsted.co.uk](http://orsted.co.uk)

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