



# Hornsea 4 Community Newsletter

March  
2019

 Orsted

# Introduction

Welcome to the first Community Newsletter for Hornsea Project Four (Hornsea Four), 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.

This newsletter contains the latest project information, including an update on what we've learnt from our local information events in October 2018 and from feedback received since that date.

We also present our latest proposals and a number of commitments made by the project, including an overview of some of the studies we are undertaking following our previous round of consultation.

Finally, we explain the next steps for the project and the opportunities for you and your community to engage with the development moving forward.



# About Ørsted



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 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:

[orsted.com/en/Sustainability/Governance/Sustainability-programmes/Communities](https://orsted.com/en/Sustainability/Governance/Sustainability-programmes/Communities)

# What is Hornsea Four?

We are currently developing our proposals for Hornsea Four and will continue consultation up to the point of submission of our Development Consent Order (DCO) application, which is planned for Q1 2020.



**We are investigating an offshore generating area of up to 846 km<sup>2</sup> where up to 180 turbines could be located.**



**The project anticipates it will generate enough electricity to power well over 1 million UK homes.<sup>1</sup>**



**National Grid has offered Ørsted a grid connection at Creyke Beck, north of Cottingham. An onshore substation for Hornsea Four is proposed in the vicinity of the existing National Grid Electricity Transmission (NGET) substation at Creyke Beck.**



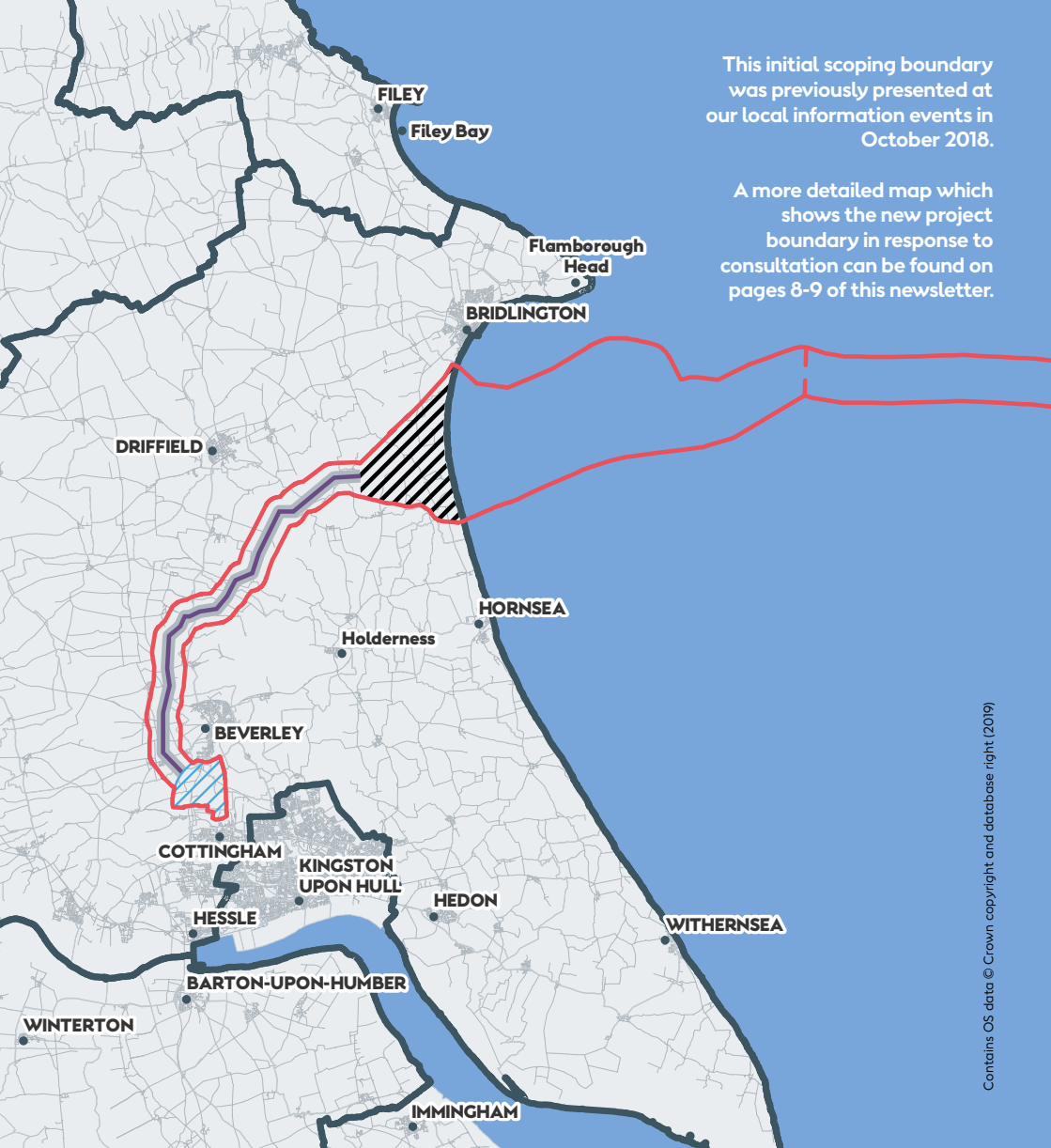
**Hornsea Four is the fourth project in the Hornsea Zone<sup>2</sup>, located to the west of Hornsea One and Hornsea Two, which are both under construction.**



**Hornsea Four will also be to the west of Hornsea Three, which is under development and submitted its DCO application in May 2018.**

<sup>1</sup> Whilst at this stage it is not possible to state the capacity of Hornsea Four, the wind farm is expected to have a similar number of turbines to Hornsea One, which has 174 turbines and will generate enough clean electricity to power over 1 million homes.

<sup>2</sup> For more information regarding our projects in the Hornsea Zone, please visit: [hornseaprojects.co.uk/en](http://hornseaprojects.co.uk/en)



This initial scoping boundary was previously presented at our local information events in October 2018.

A more detailed map which shows the new project boundary in response to consultation can be found on pages 8-9 of this newsletter.

Contains OS data © Crown copyright and database right (2019)

Figure 1: Scoping Boundary for Hornsea Four, presented in October 2018

### Key

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

# What we've learnt

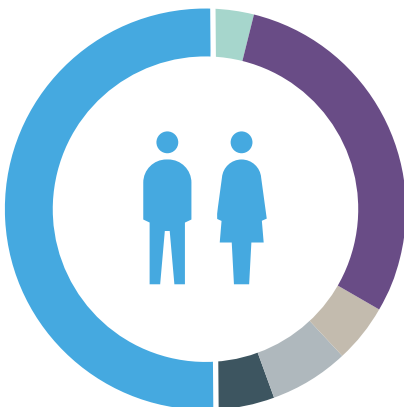
We held our first set of local information events in October 2018, where we met with 226 people in four locations across East Riding of Yorkshire.

During and after the events, we engaged with many members of communities in the vicinity of our proposals and received valuable feedback from those who know the area best. We have also been engaging with East Riding of Yorkshire Council, statutory groups such as Historic England and Natural England, parish councils and landowners to better understand their views on the project.

The feedback we received has helped to improve our understanding of the local area, including any specific concerns and sensitivities that exist.

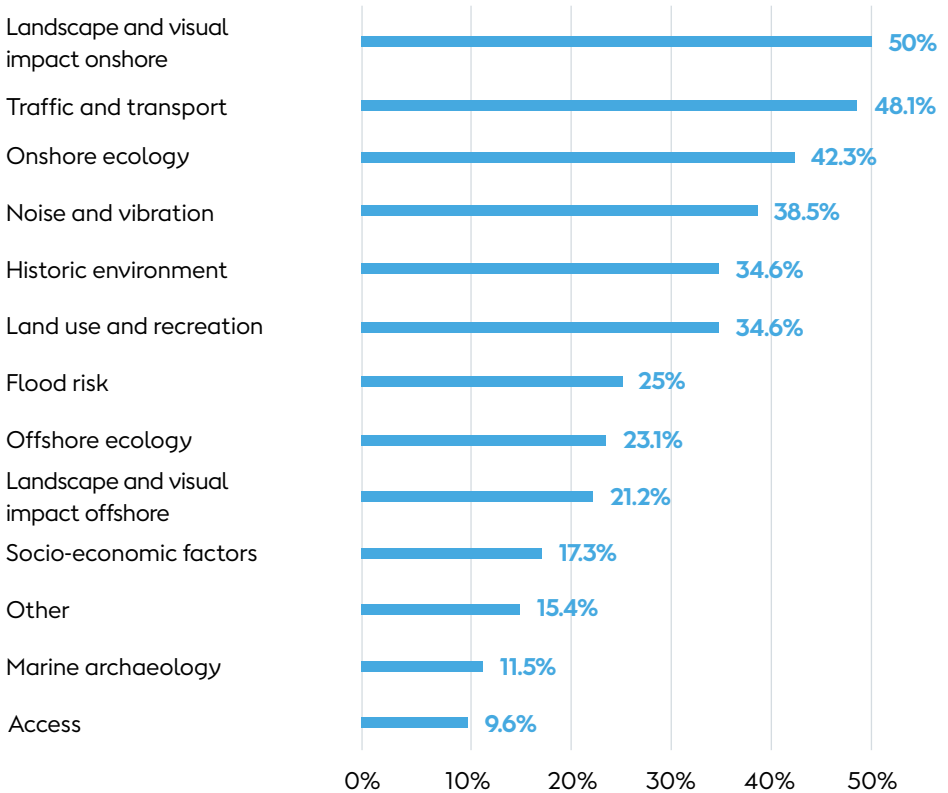
Local information event venue	Date
Foston on the Wolds Village Hall	Monday 22 October 2018
Barmston and Fraisthorpe Village Hall	Thursday 25 October 2018
Leconfield Village Hall	Friday 26 October 2018
Woodmansey Village Hall	Saturday 27 October 2018

We welcomed **226** people to our events



- Statutory group
- Landowner
- Local business
- Local interest group
- Local representative
- Local resident

### Which aspect of the project is most important to you?



The above information can be seen in more detail alongside additional feedback we received at the local information events, which has all been compiled into a Consultation Summary Report.

The report is available on our website at [hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library](http://hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library) and in hard copy at your nearest Community Access Point (CAP sites). Details of your nearest CAP site can be found on page 15 of this newsletter.

# Evolving our proposals

Since our informal consultation period we have been developing our proposals in response to the feedback we received from members of the public and statutory stakeholders. This includes groups such as East Riding of Yorkshire Council, Historic England and the Environment Agency.

## Refining our onshore cable corridor

As part of our DCO application, the project will apply for an 80 m wide onshore cable corridor, of which 60 m will be used for the Permanent Works Area and 20 m for the Temporary Works Area.

We will consult on our 80 m onshore cable corridor in our next round of formal consultation, anticipated in Summer/Autumn 2019.

## Refining our landfall search area

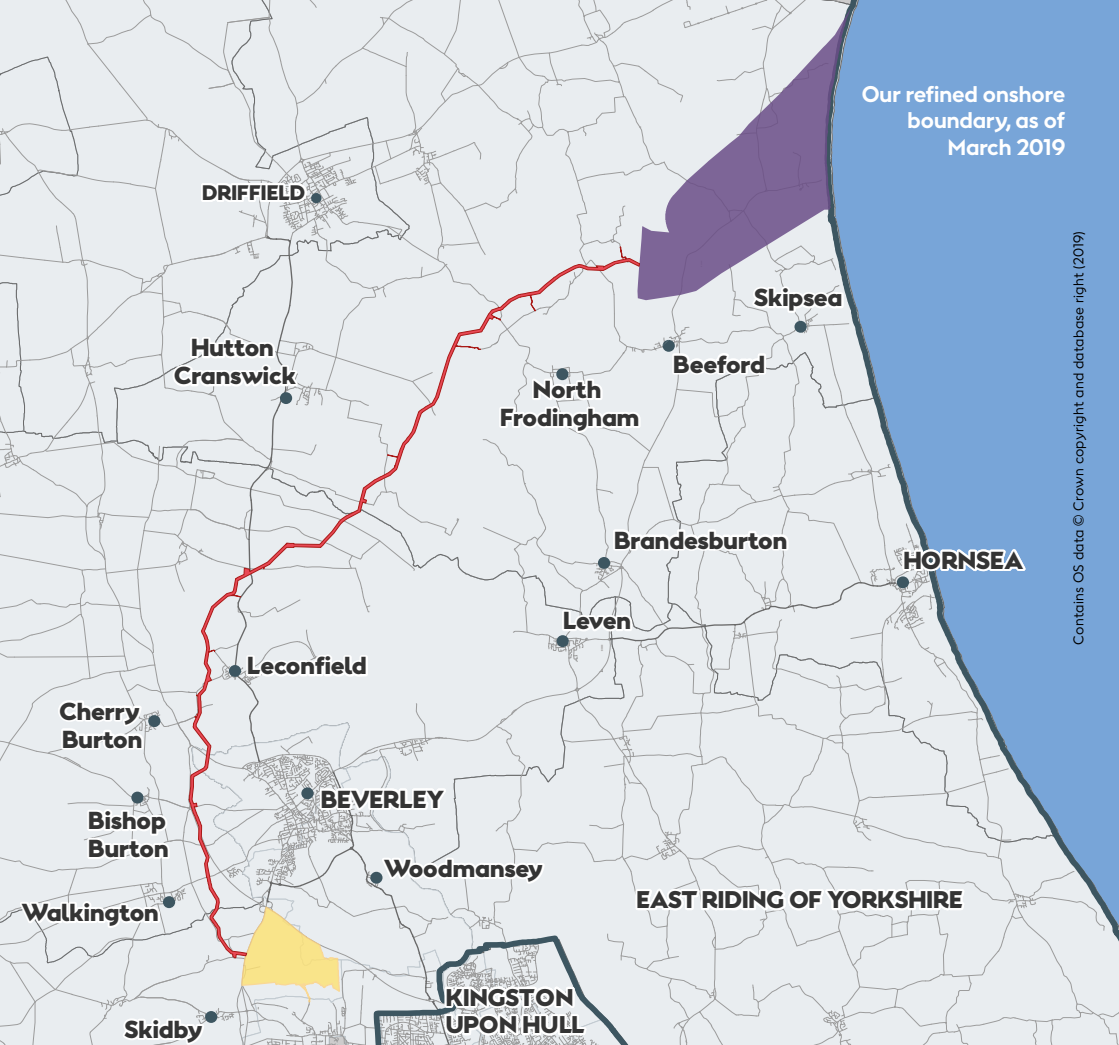
We are in the process of assessing our landfall zone, as identified in the Hornsea Four Scoping Report. This involves considering a number of local environmental and technical constraints, such as specially protected environmental areas, proximity to tourist and community hotspots, and areas of high coastal erosion.

After receiving valuable feedback from the local community, we have already committed to selecting a landfall site that avoids the Barmston Main Drain. We have also refined our landfall search area to the north of Barmston only.

We will continue to work on refining our proposals and assessing landfall sites within this refined landfall search area. We continue to welcome feedback from the local community and engage with parish councils and statutory stakeholders.

Maps have been created to display these developments. Figure 2 shows our refined areas for the onshore substation, landfall and onshore cable corridor. More detailed maps can be viewed on our website at [hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library](https://hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library)





Our refined onshore boundary, as of March 2019

Contains OS data © Crown copyright and database right (2019)

Figure 2: Our refined plans for Hornsea Four

**Key**

- Refined landfall search area
- Refined onshore cable corridor (80 m)
- Refined onshore substation search area

# Evolving our proposals

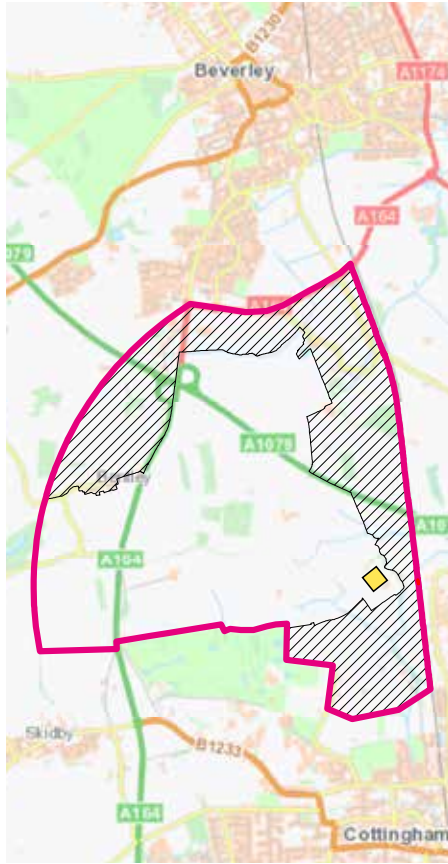


Figure 3: Onshore substation search area (Scoping Report)

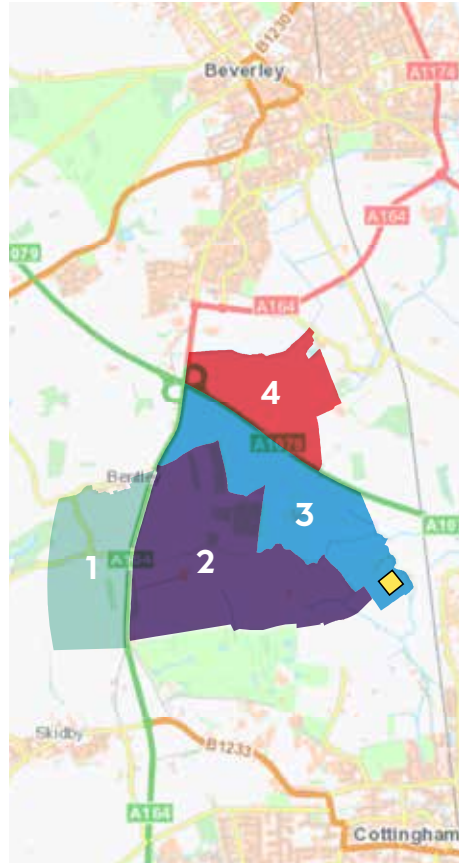









Figure 4: Options for siting of onshore substation

## Key

-  Onshore substation search area as shown in Scoping Report (October 2018)
-  Discarded search area
-  Location of existing Creyke Beck substation
-  Zone 1
-  Zone 2
-  Zone 3
-  Zone 4

## Refining our onshore substation search area

When looking for a suitable site for the Hornsea Four onshore substation, we started with a broad search area around the existing Creyke Beck substation where we have a grid connection agreement with National Grid. This area was then refined down to the search area submitted in our Scoping Report (as shown in figure 3).

We also undertook a review of the onshore substation scoping boundary to identify areas that did not contain land parcels of a suitable size to accommodate the technical parameters of the onshore substation identified within the Environmental Impact Assessment (EIA) Scoping Report. This exercise removed the hashed areas within the north, north-east, east, south-east and north-west (shown in figure 3).

Further work has taken place to create four zones within this wider search area (see figure 4). These four zones have been identified based on a number of key factors, including planning policy, consideration to nearby properties, visual impact, biodiversity and other utilities in the area. Consultation is ongoing with local residents, landowners and statutory stakeholders to identify a suitable location for the onshore substation, and these plans will ultimately be refined to one zone.

We will be undertaking further consultation on this search area to feed into our Preliminary Environmental Information Report (PEIR), planned to be published in Summer 2019. This includes consulting with an Onshore Substation Consultation Group which we have recently established. We will be meeting with parish councillors from Woodmansey, Rowley, Skidby, Walkington and Cottingham to listen to their feedback and better understand any local concerns in relation to the onshore substation.

## Next steps

We are currently undertaking a series of environmental studies and assessments as part of the Environmental Impact Assessment (EIA) process. These assessments will be included in our Preliminary Environmental Information Report (PEIR), which will be consulted on during our formal consultation, anticipated for Summer/Autumn 2019.

### A snapshot of our studies

#### Onshore ecology:

We are currently undertaking further assessments on local ecology, including on bird life. We are working closely with Natural England, RSPB, Yorkshire Wildlife Trust and East Riding of Yorkshire Council to further inform these assessments.

#### Traffic and transport:

We are working closely with your parish councils and East Riding of Yorkshire Council to understand more about local experiences of the road network to inform our proposals.

We have also been utilising local transport professionals to understand the surrounding road networks. We will be undertaking traffic surveys to provide further evidence to this process, to allow for the most suitable traffic and transport options to be identified for Hornsea Four.

#### Flood risk:

We are proposing to enlist the services of local drainage consultants who will work to ensure that drainage is maintained at this early stage in the planning process, in consultation and agreement with landowners and residents.

#### Landscape and visual impact:

We will shortly be undertaking detailed assessments as part of our Landscape and Visual Impact Assessment (LVIA).

As part of our formal consultation, we will be producing photomontages of the onshore substation, including mitigation proposals resulting from our Onshore Substation Consultation Group.

Where appropriate, any effects from offshore infrastructure on onshore receptors such as on the East Yorkshire coast will be investigated further.

## Our Commitments Register

We feel that it is important to create a project that has considered issues and impacts that are important to you.

So far, we have made 142 commitments in regard to the design and delivery of Hornsea Four. A full list of commitments made as part of our scoping assessments (in October 2018) is available to view and download from our Commitments Register on our website at [hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library](http://hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library)

Our Commitments Register will next be open for public submission when we consult on our PEIR (anticipated for Summer/Autumn 2019). You will be able to tell us what commitments you would like us to make to minimise any issues and impacts that are important to you.

### Examples of our commitments include:



**Using Horizontal Directional Drilling (HDD) or other trenchless technology, where technically practical, to avoid all natural watercourses, main roads, and railways.**



**Reinstating construction working areas to their pre-existing condition.**



**Burying the onshore cable route underground for its entire length.**

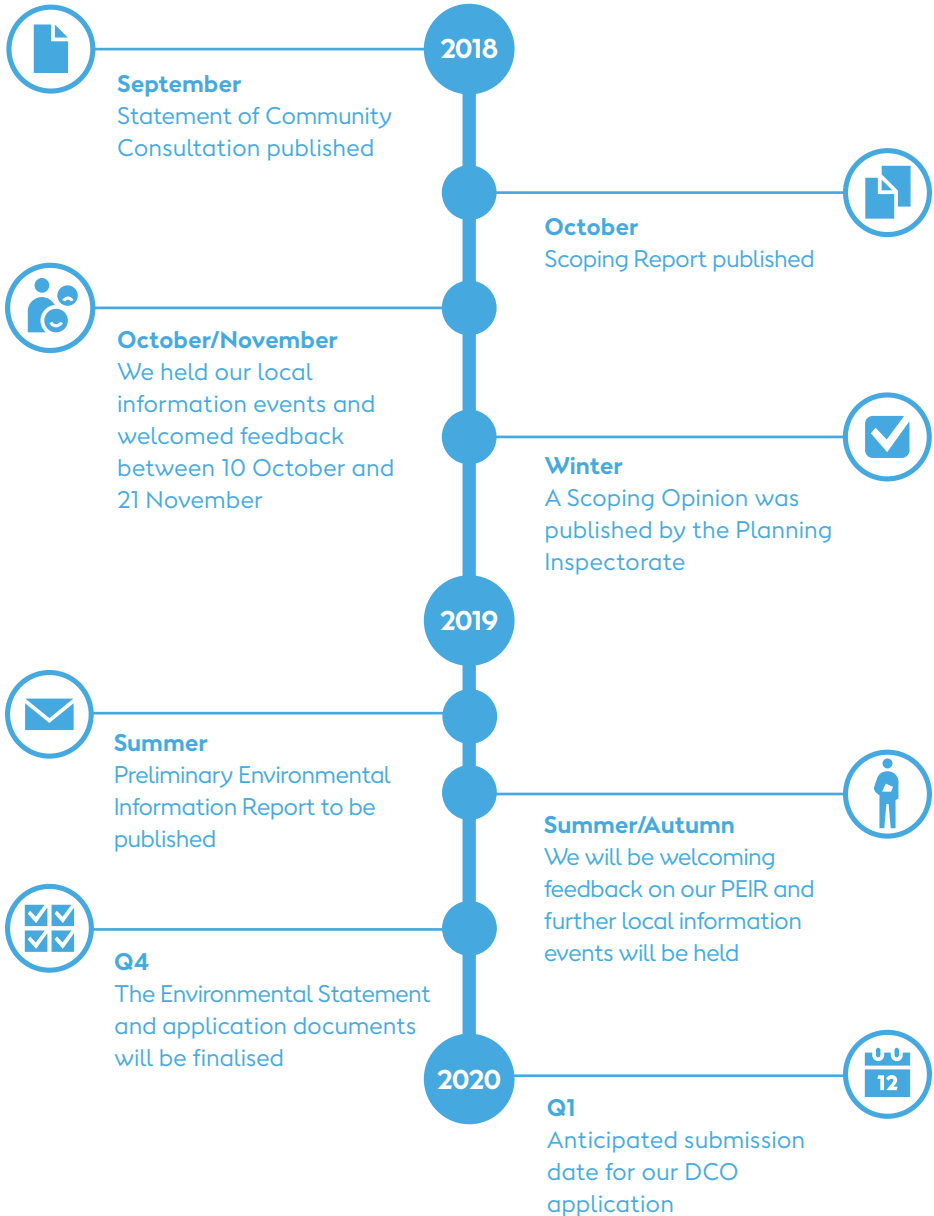


**Avoiding all Marine Conservation Zones (MCZ) on the Yorkshire Coast.**



**Providing signage and/or temporary Public Rights of Way (PRoW) diversions during construction.**

# Consultation timeline



\*All dates remain indicative

## Stay informed

We will be issuing regular project newsletters to keep you updated on our proposals for Hornsea Four.

If you would like to receive regular updates on the project so you can understand how it is developing, you can 'Register Your Interest' via our website at [Hornseaprojects.co.uk/Hornsea-Project-Four](https://hornseaprojects.co.uk/Hornsea-Project-Four)

You can also view the most up to date plans for the project via our interactive map, where you can input your postcode at [hornseaprojects.co.uk/Hornsea-Project-Four/Interactive-map](https://hornseaprojects.co.uk/Hornsea-Project-Four/Interactive-map)

### Community Access Points

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

- **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

# Contact us

We want to keep you informed throughout the consultation period and hear your views. A project specific email address, Freephone information line and postal address have been set up so that you can ask questions and provide ongoing feedback to 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 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 please 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](https://twitter.com/OrstedUK)      [#HornseaProject4](https://twitter.com/HornseaProject4)

Ørsted  
5 Howick Place  
London  
SW1P 1WG



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

**Ørsted**