

# Hornsea 4 Phase Two Consultation Summary Report

December  
2019

 Ørsted

# Introduction

Ørsted is proposing to build a new offshore wind farm, Hornsea Project Four (Hornsea Four), which is currently in the pre-application stage and has recently undertaken its Phase Two community consultation (also referred to as Statutory Consultation under Section 42 of the Planning Act 2008 as amended).

Thank you to those who participated in our Phase Two community consultation, which ran between Tuesday 13 August and Monday 23 September 2019. We welcomed over 100 people to our local information events and received over 50 pieces of feedback on our proposals for Hornsea Four.

This Phase Two Consultation Summary Report has been written to provide a summary of the local information events held in September 2019 and the feedback received during our Phase Two community consultation. We want to summarise all the feedback received, update you on how we are responding to this feedback and inform you on what the next steps are for the proposed Hornsea Four offshore wind farm.

We will also explain the opportunities for you and your community to engage with the development of the project moving forward as we near our Development Consent Order (DCO) application to the Planning Inspectorate, anticipated in Autumn 2020.



Cottingham Civic Hall

# Hornsea Four

Hornsea Four is an offshore wind farm which Ørsted is proposing to develop, approximately 65 km off Flamborough Head on the Yorkshire Coast.

The project will consist of up to 180 wind turbines and the cables from the offshore wind farm will come ashore at the proposed landfall site near Fraisthorpe. The onshore export cables will then run underground for their entire length and connect to an onshore substation, which will be located near the existing National Grid substation at Creyke Beck, to the north of Cottingham.



 Hornsea Four Offshore Wind Farm

 Existing Ørsted offshore wind farm projects

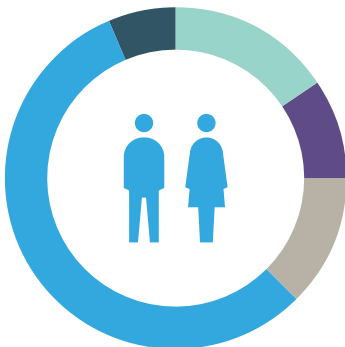
# Our Phase Two consultation

Our Phase Two community consultation ran from Tuesday 13 August until Monday 23 September 2019. During that time, we gathered feedback on our detailed proposals for Hornsea Four and the series of studies and assessments undertaken as part of our Preliminary Environmental Information Report (PEIR).

**As part of this consultation, we held four local information events across our consultation area in the East Riding of Yorkshire, and we would like to thank all of you who attended.**

The location and time of the events were selected to allow all those with an interest in Hornsea Four to view the latest proposals and provide their feedback. This included selecting venues along the proposed onshore cable corridor, holding events in the afternoon/early evening and on the weekend, and ensuring that venues were wheelchair accessible.

We welcomed **113** people to our events



- Landowner
- Local business
- Local representative
- Local resident
- Other

## Local information event venue

Barmston and Fraisthorpe Village Hall  
Lockington Village Hall  
Cottingham Civic Hall  
Foston on the Wolds Village Hall

## Date

Monday 2 September 2019  
Tuesday 3 September 2019  
Wednesday 4 September 2019  
Saturday 7 September 2019

# Advertising our events

We advertised our local information events via the following channels:



Community consultation leaflets containing details of the events were distributed to local residents, interest groups and parish councils. This included over 5,300 addresses along the proposed onshore cable corridor.



Adverts providing details of the events were placed in a number of local newspapers, including: Yorkshire Post, Bridlington Free Press, Goole Times, Pocklington Post and Holderness and Hornsea Gazette.



Posters providing details of the events were displayed at local community access points such as libraries and customer service centres, as well as at a number of locations along the proposed onshore cable corridor.



Details of the events were posted from Ørsted UK's Twitter account.



Details of the events along with all project documentation were published on the Hornsea Four website.

# What did we present?

At our local information events, we presented a range of information, including our PEIR, which detailed all environmental and technical studies and assessments undertaken to date.

All the materials shown at our events, including the full PEIR, are available to view and download from our website: [hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library](https://hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library)

## Our materials included:

Event materials	Project information
Foamboard maps	<ul style="list-style-type: none"><li>• Maps showing the location of the proposed onshore substation, landfall compound options, and refined onshore export cable corridor</li><li>• Information on Horizontal Directional Drilling (HDD) and proposed commitments made by the project to date</li><li>• Information on Energy Balancing Infrastructure (EBI), which will form part of the onshore substation permanent infrastructure</li><li>• An indicative layout of the onshore export cable corridor, and how they will be installed in separate trenches within the corridor</li></ul>
Pop-up banners	Two large pop-up banners displaying: <ul style="list-style-type: none"><li>• The updated Hornsea Four onshore proposals</li><li>• Ørsted's activity in the UK and a key focus on Yorkshire and the Humber</li></ul>
Project information	Additional project information, including our PEIR non-technical summary, project newsletters and consultation leaflets.

**Event materials****Project information**

## Roller banners

A number of roller banners displaying key project information within the PEIR and project commitments associated with:

- Protecting local heritage and minimising visual impact
- Onshore ecology and nature conservation
- Traffic and transport
- Hydrology and Flood risk
- Offshore Development: Environmental considerations

## Photomontages displayed on screens

A map of our landscape and visual impact assessment, including photomontages showing what the proposed onshore substation could look like from a number of different viewpoints in its vicinity.

## Non-technical fact sheets

A number of non-technical fact sheets summarising key information from the PEIR in the following topic areas:

- Project infrastructure and construction
- Traffic and transport
- HDD
- Environmental Impact Assessment (EIA)
- Reduction in the Hornsea Four Agreement for Lease area

## Commitments Register

An updated version of the Hornsea Four commitments register, providing new and amended commitments in response to feedback gathered during our phase one consultation in October/November 2018.

## Interactive map

Our new digital engagement tool available on Ipads and screens, including an interactive map displaying our onshore cable corridor, proposed landfall sites, onshore substation, and permanent and temporary access roads.



# Your feedback

Our Phase Two community consultation provided an opportunity for people to view our updated proposals, which have been refined in response to comments received during our Phase One community consultation back in October/November 2018.

We have received a considerable amount of feedback on our proposal over the course of the consultation period. This includes comments submitted as part of our formal consultation, informally via our information lines, through face-to-face discussions at our events, at one-to-one meetings with landowners and through our wider briefings with statutory bodies and interested parties.

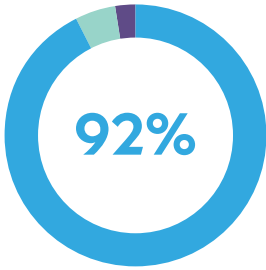
We have assessed all these impacts and have reported our findings in our PEIR which is also available in a non-technical format for your comments.

We have sought to address the concerns raised as outlined in our responses overleaf.



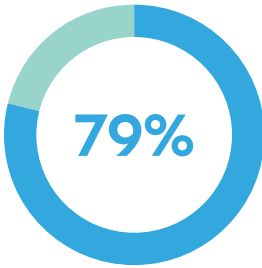
Barmston and Fraisthorpe Village Hall





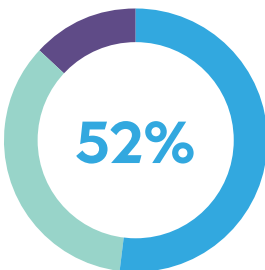
**92% of respondents found the local information events and our updated proposals informative.**

- Informative
- Not informative
- No opinion



**79% of respondents thought the location of the onshore and offshore infrastructure for Hornsea Four is potentially suitable, with appropriate mitigation provided.**

- Potentially suitable, with mitigation
- Not suitable



**52% of respondents were in support of our proposals for Hornsea Four. This was based on information presented online, in our PEIR, and at our local information events.**

- Support
- Oppose
- No opinion

# Our responses

There were several key themes which emerged from the feedback we received. These are listed below with information on how we are responding to the issues raised.

Issue	Comment	Ørsted response
<b>Traffic, transport and access</b>	<p>Across the consultation area, people expressed concerns about traffic and transport movements. This included preventing traffic movements through Station Road, Lockington; Carr Lane, Watton; and Cottingham Parks, as well as through the village of Foston on the Wolds.</p>	<p>A range of mitigation measures will be committed to by Hornsea Four to ensure residual impacts caused by an increase in traffic are not significant, as assessed in Volume 3, Chapter 7 of the PEIR (Traffic and Transport).</p> <p>A key mitigation measure will be the production of a Construction Traffic Management Plan (CTMP) (Commitment Co144<sup>1</sup>). This will set out a number of standards and procedures, including managing the numbers and routing of Heavy Goods Vehicles (HGVs) during the construction phase.</p>
	<p>People also expressed a preference for the temporary access road for the onshore substation (taken off the A1079) to become permanent.</p>	<p>In response to feedback, Hornsea Four has now committed to no construction or operational traffic through Park Lane. Instead, all traffic servicing the onshore substation and surrounding cable corridor will take access from the A1079, utilising the new access road.</p>

<sup>1</sup>A full list of commitments can be found in the Hornsea Four Commitments Register, which can be viewed and downloaded from the project website: [hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library](http://hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library)

Issue	Comment	Ørsted response
<p><b>Landscape and visual impact</b></p>	<p>People expressed their concerns about the visual impact of the onshore substation, requesting that Ørsted ensure maximum screening to minimise visual impact and sympathetic integration into the landscape.</p> <p>This included preference for a 'block' colour of the onshore substation with use of varied species in any landscaping.</p>	<p>The landscape and visual impacts of all onshore elements of Hornsea Four, including the onshore substation, are assessed in Volume 3 Chapter 4 of the PEIR (Landscape &amp; Visual). This includes the outline landscape mitigation proposals.</p> <p>We have also received feedback on our Design Vision document (which can be found on our website at: <a href="http://hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library">hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library</a>). This sets out potential design ideas for the onshore substation, including colours and finishes for structures and proposed landscaping and mitigation to limit the visual impact.</p> <p>Three material and colour finishes for the onshore substation will be presented in the Design Vision Statement, with the final option to be agreed by East Riding of Yorkshire Council during detailed design.</p>

Issue	Comment	Ørsted response
<b>Public Rights of Way (PRoW)</b>	<p>Across the proposed onshore export cable corridor, people highlighted concerns regarding the disruption of PRoW, bridleways and cycle paths, along with opportunities for enhancement post-construction.</p> <p>This included 'SKID16' – the PRoW that runs through the proposed onshore substation site.</p>	<p>Any impacts on PRoW will be temporary with the exception of two; one that runs through the onshore substation site ('SKID16') and one which interacts with the onshore substation permanent access road ('WOOD07'), both of which will be permanently diverted. Hornsea Four has made a commitment to provide signage and/or temporary PRoWs diversions during construction (Co79).</p> <p>SKID16, will be permanently diverted and where possible, enhanced, as will be detailed in the Outline Design Vision Statement. Full details will be agreed with relevant stakeholders and committed to as part of the DCO application.</p>

Issue	Comment	Ørsted response
<b>Flood risk and coastal erosion</b>	<p>Across the consultation area and at the proposed landfall site near Fraisthorpe, people highlighted concerns regarding coastal erosion, land drainage and the need for Ørsted to avoid increased flood risk.</p>	<p>Coastal erosion is an important consideration during the site selection process for landfall and its associated components.</p> <p>Detailed assessments have been based on East Riding of Yorkshire Council's estimated average cliff erosion rate of 1.6m per year. A 50-year erosion value for the proposed construction and operational lifetime of Hornsea Four has also been applied. The location of the Horizontal Directional Drilling duct entry (2m in depth) is expected to be around 200 – 250m from the cliff edge, which gives an approximate erosion time of 125 – 156 years before this point would be reached.</p> <p>To reduce the risk of flooding, a commitment has also been made to select a landfall location that avoids Barmston Main Drain (Co 143).</p>

Issue	Comment	Ørsted response
<b>Historic environment</b>	<p>People highlighted the importance of maximising archaeological finding opportunities, especially near the landfall area, along with preserving the English Coastal Path.</p>	<p>Hornsea Four has committed to developing an Onshore Written Scheme of Investigation (WSI) in line with the Outline Onshore WSI prepared to support the DCO (Co160). This will detail the survey and archaeological investigation requirements in advance of and during construction works. The methodology will be informed by the completed Historic Environment assessment.</p> <p>Mitigation measures will be agreed during the pre-construction period of Hornsea Four, including the use of publicly available information on the English Coastal Path route to reduce any impacts.</p>

Issue	Comment	Ørsted response
<b>Community benefits</b>	<p>Questions were asked as to what benefit there would be for the local communities and residents affected by the project, including the possibility of a voluntary Community Benefit Fund (CBF).</p>	<p>Ørsted has established voluntary CBFs for its recent projects, managed by an independent not-for-profit grant-making organisation, that can provide a valuable contribution to the local area.</p> <p>This includes our East Coast CBF which is part of the community engagement programmes for our offshore wind farms off the East Yorkshire Coast, and is worth approximately £465,000 each year for the next 20 years, £75,000 of which is ring-fenced for a 'Skills Fund'.</p> <p>Any decision to establish a CBF for Hornsea Four would be made post-financial investment decision, when the project has been given the green light to go ahead.</p>



Issue	Comment	Ørsted response
<b>Site selection</b>	<p>Across the consultation area, people registered a preference for the southern landfall option, located near to Fraisthorpe, in order to avoid amenities surrounding Fraisthorpe beach, used by local residents along with tourists during the summer season.</p>	<p>Local recreational and public amenity factors have been a key consideration in our landfall site selection. Hornsea Four discounted two landfall options (A1 and A2) as they were within/neighbouring Fraisthorpe Beach which is a popular location with tourists and locals.</p> <p>In our next stage of refinement, we have chosen the southern-most landfall site (A4), as presented at our local information events. This is to ensure that we are even further away from these important local public amenities and have fully considered community feedback.</p>

**All comments we have received during this consultation have contributed greatly to our understanding of the local area and the concerns that matter most to local residents as we continue to refine the project design.**

**All feedback received will be recorded and responded to in our Consultation Report which will be submitted as part of our DCO Application.**

# Refining our proposals

The large volume of feedback received during our consultation period has helped shape the project design, with the following key changes demonstrated in the inserted map:



## Landfall

**The southern landfall option (A4) has been selected as our preferred landfall site based on your feedback and the following three key factors:**

- Better access from existing road networks, avoiding Fraisthorpe Bridge;
- Better beach access away from key public amenities, including at Fraisthorpe beach; and
- A shorter onshore cable route, avoiding the crossing of The Earl's Dyke.



## Onshore cable route

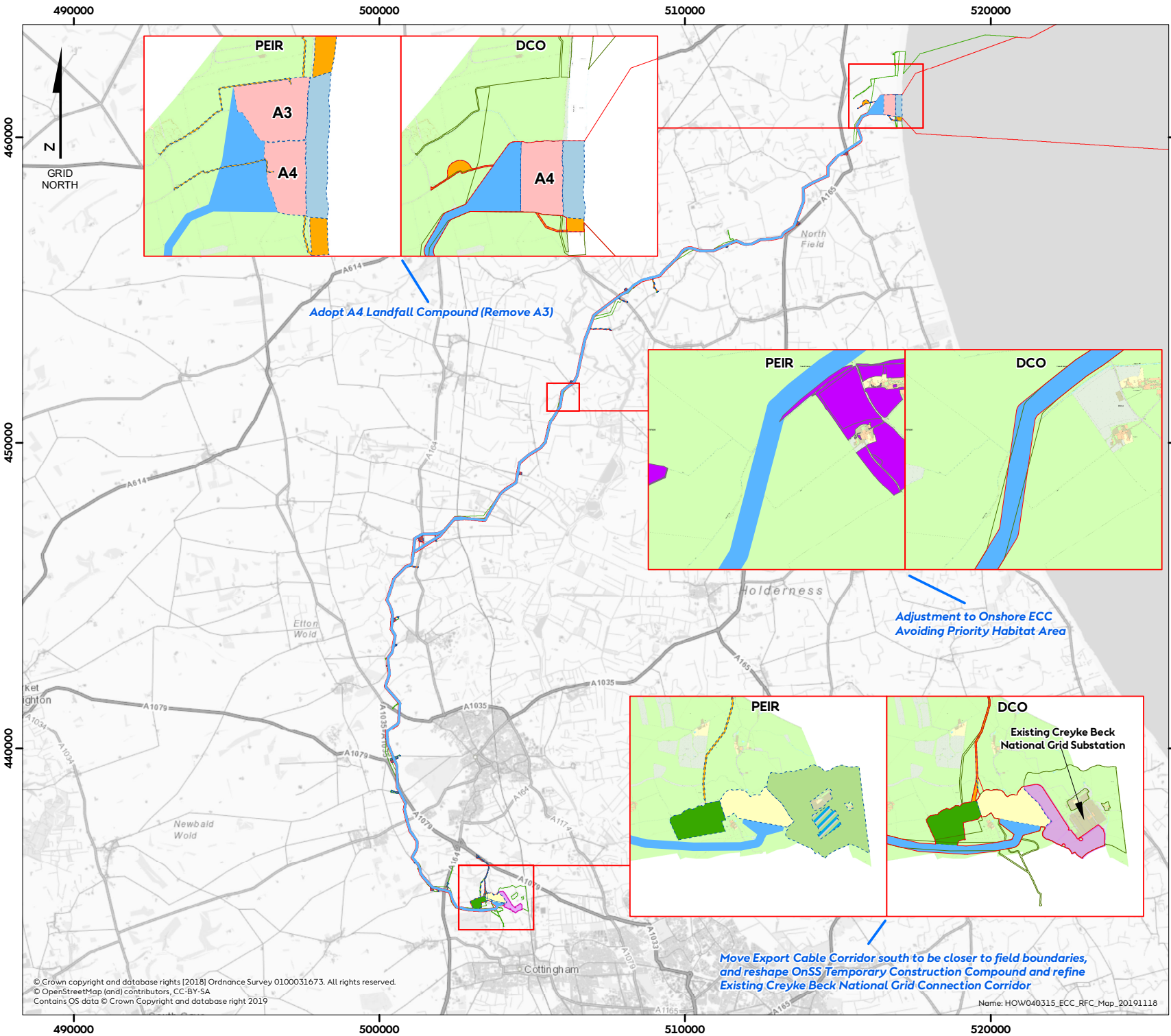
**We can provide an early insight into our final onshore cable route, which will be included in our final DCO application. The insert map demonstrates a number of small adjustments made to the route based on the results of environmental and technical assessments and stakeholder feedback. This includes avoiding designated sites where possible to minimise the potential impact on established trees and hedgerows.**



## Onshore substation

**Feedback during our formal consultation has resulted in the following selected amendments to the onshore substation:**

- The access road off the A1079 will be made permanent throughout the lifetime of Hornsea Four, with the permanent access road from the south of the site being removed;
- The onshore substation access road has been moved to the east by approximately 130m, away from ancient woodland.
- The temporary works area has been modified to be located a minimum of 150m north and 250m west of the nearest residential property.



Adopt A4 Landfall Compound (Remove A3)

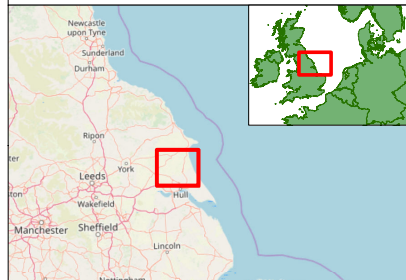
Adjustment to Onshore ECC Avoiding Priority Habitat Area

Move Export Cable Corridor south to be closer to field boundaries, and reshape OnSS Temporary Construction Compound and refine Existing Creyke Beck National Grid Connection Corridor

# Hornsea Four

## Onshore Export Cable Corridor Changes from PEIR to DCO

- Order Limits
- PEIR Boundary (August-September 2019)
- Onshore Export Cable Corridor
- Temporary Access Track
- Permanent Access Track
- Landfall Connection Works
- Landfall Compound Search Area
- 400kV Grid Connection Works
- Proposed Hornsea Four Onshore Substation Temporary Works (13 hectares)
- Proposed Hornsea Four Onshore Substation Permanent Site (13 hectares)
- Priority Habitat Inventory



Coordinate system: British National Grid  
 Scale@A3: 1:120,000  
 0 1.25 2.5 5 Kilometres  
 0 0.5 1 2 Nautical Miles

REV	REMARK	DATE
	First Issue	18/11/2019

Onshore Export Cable Corridor Changes from PEIR to DCO  
 Document no: HOW040315  
 Created by: XDAOO  
 Checked by: JOHLE  
 Approved by: JULCA



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# Our commitments

Ørsted has made a number of commitments in regard to the design and delivery of Hornsea Four that consider the issues and impacts that are important to you.

Following the feedback we have received as part of this consultation, we have made the following commitments to:

A full list of commitments is available to view and download from our Commitments Register on our website ([hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library](http://hornseaprojects.co.uk/en/Hornsea-Project-Four/Documents-Library)). This will be updated and provided as part of our final DCO application, which will be submitted to the Planning Inspectorate in Autumn 2020.

1

Select an Agreement for Lease area to avoid areas with the highest concentrations of birds (kittiwake, gannet and guillemot) that are most likely to be at risk from the construction and operational activities of the offshore wind turbines **(Co87)**.

2

Install the offshore export cable at landfall by using HDD trenchless methods **(Co187)**.

3

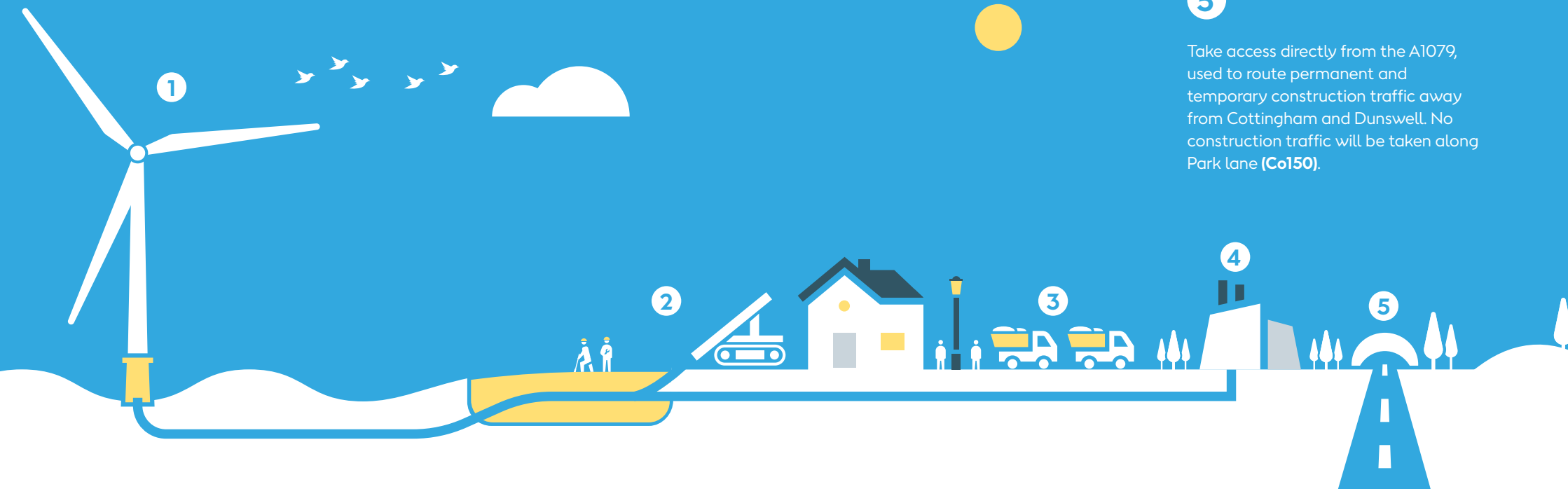
Develop a Construction Traffic Management Plan (CTMP) which will set standards and procedures for managing the numbers and routing of HGVs during the construction phase and localised road improvements if necessary **(Co144)**.

4

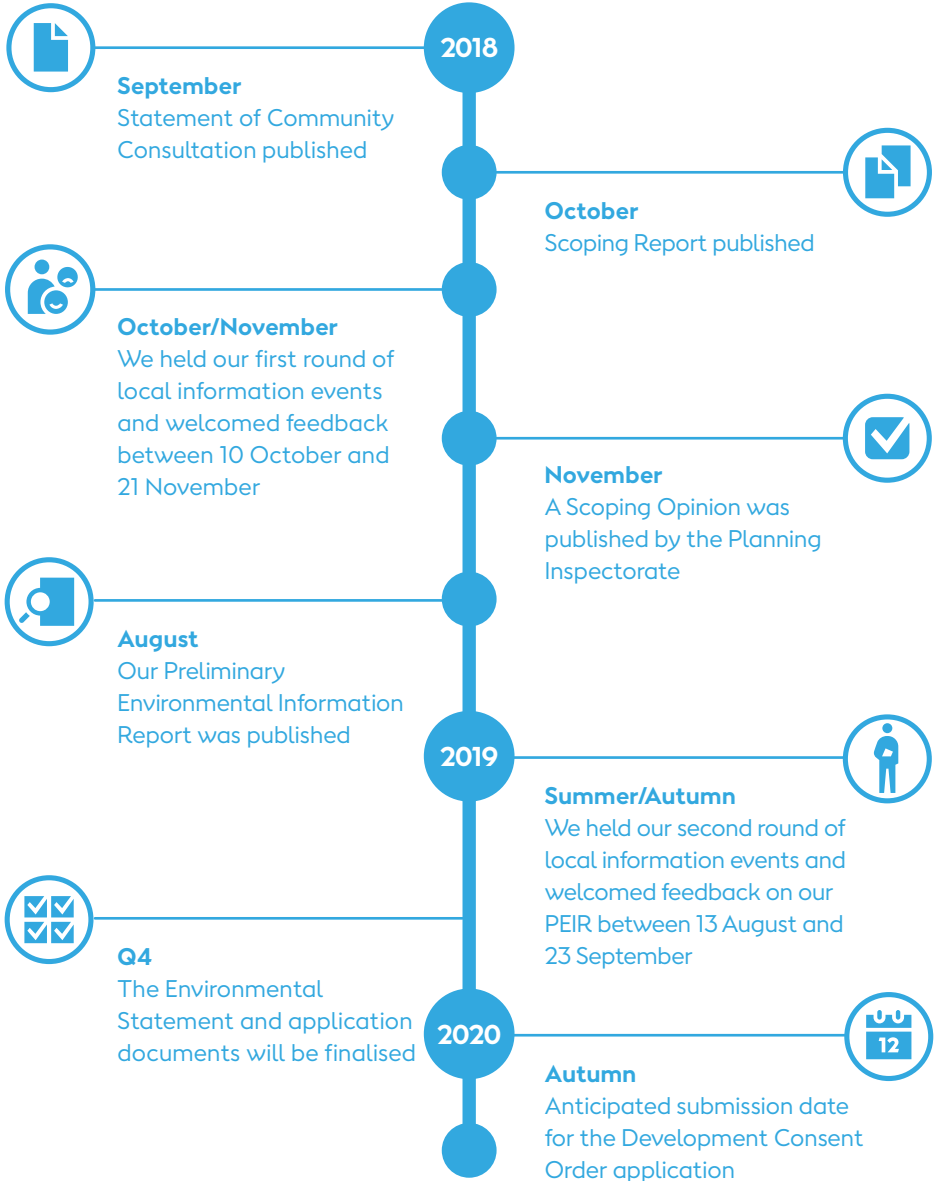
Develop a Landscape Management Plan, which will include details of mitigation planting at the onshore substation site, in consultation with local residents, interest groups, parish councils and East Riding of Yorkshire Council.

5

Take access directly from the A1079, used to route permanent and temporary construction traffic away from Cottingham and Dunswell. No construction traffic will be taken along Park lane **(Co150)**.



# Consultation timeline



\*All dates remain indicative

## What's next?

After due consideration, we can confirm that the pre-application phase for our DCO application submission will be extended to Q3 2020. This will allow us to incorporate learnings from other projects currently going through the consenting process and to allow us to continue to work with key stakeholders to ensure we have a robust and considered application.

Over the coming months, we will be making changes to the project design based on feedback received during our Phase Two consultation. All comments received to this consultation, including all comments from statutory consultees, will be responded to in our Consultation Report, which will be submitted as part

of our DCO application. This report will clearly show how we have considered each piece of feedback.

In the meantime, we will be continuing engagement with all stakeholders concerning sensitivities in the offshore environment, and we will ensure we keep you updated with the progress of our application via regular community newsletters.

You can 'Register Your Interest' on the Hornsea Four website and receive updates on how our application is progressing: [hornseaprojects.co.uk/en/Hornsea-Project-Four](https://hornseaprojects.co.uk/en/Hornsea-Project-Four)



Lockington Village Hall

# What happens after we submit our application?



After submitting our application, the Planning Inspectorate has 28 days to accept the application and decide if it can proceed to the examination stage.



If the application is accepted, people wishing to be involved in the examination will be invited to register their interest with the Planning Inspectorate.



Anyone who has registered their interest will be asked to submit their views on our proposals in writing and may be asked to speak at one of the public hearings that will be held.



The Planning Inspectorate will hold an examination. Following this, the Planning Inspectorate has three months to make a recommendation to the Secretary of State for Business, Energy and Industrial Strategy. The Secretary of State then has a further three months to make a final decision on whether to grant consent.



If approved, construction of Hornsea Four could begin in 2023 and could be producing electricity as early as 2027.



# Community Liaison Officer

All our communication channels overleaf remain open for you to get in touch and ask any questions.

You can also contact our Community Liaison Officer (CLO), Andrew Acum, who is based locally and is available to answer any questions about Hornsea Four.

**Should you wish to speak to Andrew or meet with him, please contact him using the details below:**

Email: [andrew.acum@mercury-group.co.uk](mailto:andrew.acum@mercury-group.co.uk)

Telephone: **07939 005 719**



# Contact us

A project specific email address, Freephone information line and Freepost address have been set up so you can ask questions and provide ongoing 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:**  
[Hornseaprojects.co.uk/Hornsea-project-four](https://Hornseaprojects.co.uk/Hornsea-project-four)



**Send us a letter:**  
**Freepost Hornsea Four**

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.

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