

Hornsea Project Three Offshore Wind Farm

Community Newsletter

February 2018

The Orsted logo features a stylized white circle with a vertical line through it, resembling a power symbol, followed by the word "Orsted" in a bold, white, sans-serif font.The logo for Hornsea 3 Offshore Wind Farm includes a small green three-bladed wind turbine icon to the right of the text. The text "Hornsea 3" is in a large, white, sans-serif font, and "Offshore Wind Farm" is in a smaller, white, sans-serif font below it.

Hornsea Project Three and Ørsted

Welcome to the latest community newsletter for Hornsea Project Three, a new offshore wind farm that Ørsted is proposing to develop in the North Sea. We want to keep you informed so that you understand how the Project is developing as we prepare to submit our Development Consent Order (DCO) application to the Planning Inspectorate later this year.

In this edition, we provide an overview of how your consultation feedback has helped refine the Project proposal, updates on our most recent consultation, how you can continue to get involved in the process, and what's next for the Project. We have published our onshore cable route and will provide you with an update on some of the key changes we have made to the Project as a result of your feedback.

Where is Hornsea Project Three?

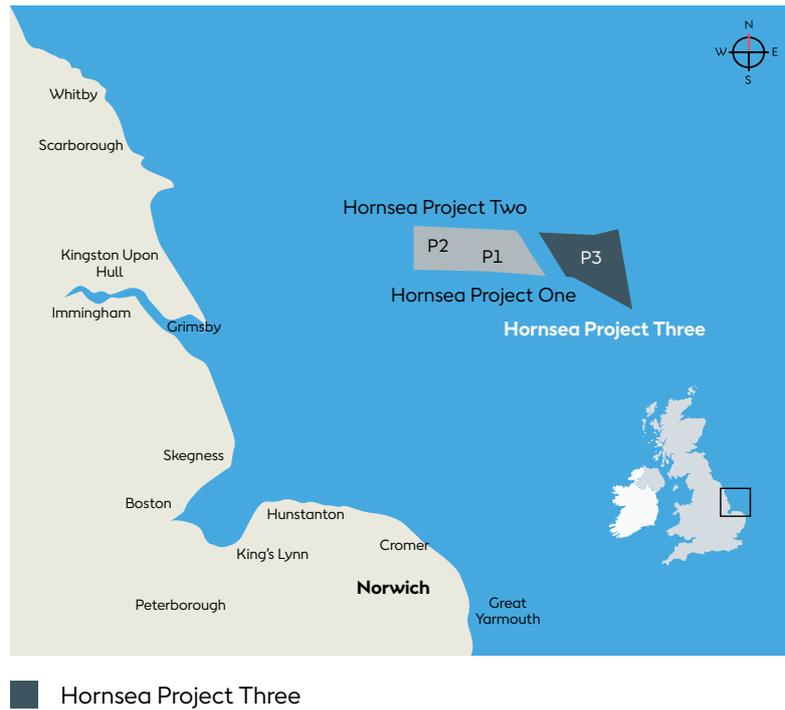
The Hornsea Project Three array area where the turbines will be located is approximately 121 km northeast of the Norfolk coast and 160 km east of the Yorkshire coast.



The Project will have a capacity of up to 2,400 MW.



This means it will provide enough power for well over 2 million homes.



Further Statutory Consultation

In November and December 2017, we undertook further statutory consultation on the Project with statutory bodies, landowners and members of the local community. As part of this consultation, we sought feedback on additional locations identified beyond the previous consultation boundary where works were proposed.¹

These additional locations were identified following consideration of feedback received during the earlier statutory consultation (27 July to 20 September 2017) and through our ongoing design development. These areas included; proposed onshore cable corridor alternative routes, proposed access routes, potential storage areas, visual screening, footpath diversions and offshore alternative routes located beyond the area identified during the earlier statutory consultation.

Consultees were invited to comment on the new areas presented and supporting materials. This further statutory consultation closed on 22 December 2017.² In total, we received over 120 individual responses. We would like to thank everyone for taking the time to respond to our further statutory consultation. Your feedback is important and is being fed into our final proposal. A detailed summary of all the responses received and how we have had regard to these in the final design will be captured in the Consultation Report that we submit alongside our application later this year.

Engaging with your parish council

In December 2017, we hosted a series of briefing sessions with representatives from the relevant parish councils in each local authority. These sessions were an opportunity for us to provide an update on our proposal and to give local representatives the opportunity to ask us questions about our latest plans to help inform their responses to the consultation.

We will continue to engage with parish councils and local representatives to ensure local communities are kept informed and made aware of any developments.



The turbines are located in the offshore array area, which is over 120 km offshore and will not be visible from the coast.



Ørsted is the global leader in developing, building and operating offshore wind farms, with 9 operational wind farms in the UK alone.

¹During the Summer 2017, we consulted on a 1.5 kilometre-wide offshore cable corridor search area and 200-metre-wide onshore cable corridor search area, within which our 80 metre-wide cable route would be located. Plans marking the previous consultation boundary can be viewed on our website (www.hornseaproject3.co.uk).

²The deadline for providing comments on the offshore alternative routes was extended from 22 December 2017 to 7 January 2018.

How has your feedback changed this Project?

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.

As part of our ongoing design refinement, we have sought to incorporate your comments, where possible, into our final proposal. We want our final proposal to respond to the concerns and wishes of stakeholders, minimising disturbance whilst also providing a competitive application. In the sections below we have summarised some of the key changes we have made to the Project design as a result of your feedback.

Onshore adjustments



Published our onshore cable route – The route (see map overleaf) has been informed by the results of environmental and technical assessments, landowner feedback, as well as responses received as part of our ongoing consultation.³ The route has been carefully planned to avoid designated sites where possible and to minimise the potential impact on established trees and hedgerows. Where we are unable to avoid these, we have sought to mitigate this through other means, for example using trenchless technology (e.g. Horizontal Directional Drilling [HDD]) under ecologically valuable features such as woods. The final route will be included in our application; however, we have sought to provide early insight into this.⁴ A more detailed plan is available on the Project website.



Refined our landfall zone – We have refined our landfall zone and can confirm that we are seeking to take the western most route, which avoids crossing Kelling Heath Site of Special Scientific Interest (SSSI). This decision has been informed by consideration of the impact on the SSSIs (including both Kelling Heath and those at the coast), consideration of impacts on the Cromer Shoal Chalk Beds Marine Conservation Zone (MCZ), landowner feedback, technical challenges associated with the initial proposed route, feedback from stakeholders in relation to the railway crossing and other asset owners in the area.



Sited the onshore High Voltage Alternating Current (HVAC) booster station and onshore substation – We have selected the location within our refined search areas for the onshore HVAC booster station near Little Barningham, and the onshore substation near Swardeston. We are in the process of undertaking our Landscape and Visual Impact Assessment (LVIA) and are working with our landscape architects to develop plans for visual mitigation. At both sites, we have provisionally allocated space within our boundary as marked on the latest plans (see overleaf) for visual screening at strategic points, to be further informed by the results of the assessments. This is in addition to potential visual screening closer to the sites themselves.



Identified over 70 Horizontal Directional Drill (HDD) points – We are proposing to HDD at over 70 locations along the proposed onshore cable route including major roads, river crossings, designated sites and woodlands to install the underground cables. The proposed HDD points are marked on the plans overleaf. This method of installation enables us to install the cables without disturbing the surface infrastructure.



Identified access points – We have confirmed locations along the cable route where we will access the cable corridor from the public road network during construction. These access points have different functionalities. Some will be required to access the proposed temporary central haul road itself, whereas others will be required to enable access to HDD points so that the drill can be monitored as the works are undertaken. For the latter, it would be a 4x4 or people on foot rather than construction vehicles.



Confirmed location of main and secondary construction compounds – In considering responses to our previous consultation and through our ongoing assessment work, we can confirm that Oulton Airfield, near Oulton, has been selected as our main construction compound site. Up to five secondary compounds (smaller in scale) will also be required along the cable route to facilitate construction works in those areas. These compounds will be used to store equipment and welfare facilities and are marked on the plans (see map overleaf).

You can view the plans in more detail on our website by using our Interactive Map (www.hornseaproject3.co.uk). This has been updated to show the onshore cable route. More detailed plans will accompany the application.

³ Including both rounds of statutory consultation and ongoing informal consultation with statutory bodies, landowners and members of the local community.

⁴ All the previous plans can be viewed on our website (www.hornseaproject3.co.uk).

These demonstrate the iterative nature of the cable route refinement process.

Offshore adjustments



Reduced the maximum number of turbines to 300 –

Following comments received from stakeholders during the previous statutory consultation, we have reduced the maximum number of turbines from 342 to 300. This will reduce the impact on a number of receptors including birds and seabed habitats.



Removed floating foundations as an option for the turbine foundations –

Following stakeholder feedback and further refinement of the Project, we have decided to remove floating foundations as an option for the turbine foundations. This will reduce the impact of the Project on commercial fishing, shipping and navigation.



Refined the Offshore HVAC Booster Station

Search Area – Following comments received from stakeholders during the statutory consultation, we have refined the offshore HVAC booster station search area to take into account concerns relating to potential impacts on the North Norfolk Sandbanks and Saturn Reef Special Area of Conservation (SAC) as well as potential impacts on shipping and navigation.

Discussions with statutory bodies regarding the potential offshore alternative routes is ongoing and we will inform you when the plans for this have been updated and are available to view.

Changes to our construction programme

In our Preliminary Environmental Information Report (PEIR), we explained that due to the scale of the proposed development and existing regulatory framework, it could be necessary for Hornsea Project Three to be built out in up to three phases. We received a considerable amount of feedback on this aspect as part of our statutory consultation and through detailed discussions with our technical and commercial teams, we are pleased to confirm that we have been able to **reduce this to up to two phases**.

Indicative construction programmes showing how the Project could be built out in both a single and two-phased approach will be included in the Environmental Statement that we submit alongside our application. Reducing the maximum number of phases has also enabled us to **reduce the maximum duration over which onshore construction works could take place**, from eleven (previously presented) to eight years.

We hope that consultees will welcome the changes that have been made as a result of the feedback received. Unfortunately, it is not always possible to make all desired changes, and where this is the case, we will explain why a change was not possible within our final Consultation Report.

Frequently Asked Questions (FAQs)

We recognise that as part of the consultation, many people had questions regarding our proposal. In response to common questions received, we have updated the FAQs on our website (www.hornseaproject3.co.uk/en/Documents-library). If you have any further questions which are not covered in this document, please contact us directly via the contact details listed at the end of this newsletter.

Why can't you commit to using Direct Current (DC) technology at this stage?

Use of DC technology for offshore wind farms is still maturing and there are certain risks associated with solely taking forward DC technology at this stage. Due to current uncertainty, a decision on which transmission system to adopt will not be made until post consent after extensive engagement with potential system suppliers has taken place. More information on DC and AC technology can be found in our updated FAQ.

What's next?

Over the next few months we will finalise the Project design and complete the Environmental Impact Assessment (EIA). The results of the EIA will be presented in an Environmental Statement which, along with the Consultation Report, will accompany the DCO application. We expect to submit our application to the Planning Inspectorate in the second quarter of 2018. The suite of documents that form the application will also include outline plans, such as a Code of Construction Practice (CoCP) and Traffic Management Plan, which form the basis of our working practices during the construction period.

Informal consultation is still ongoing and we will continue to engage with statutory bodies, landowners and local communities in the lead up to submission of our application. If you have any questions you can contact us directly via our contact details provided at the end of this newsletter.



September
2016
Published Statement
of Community
Consultation



November
2016
Phase 1.A
Community
Consultation
Events



March
2017
Phase 1.B
Community
Consultation
Events



July
2017
Published Preliminary
Environmental
Information



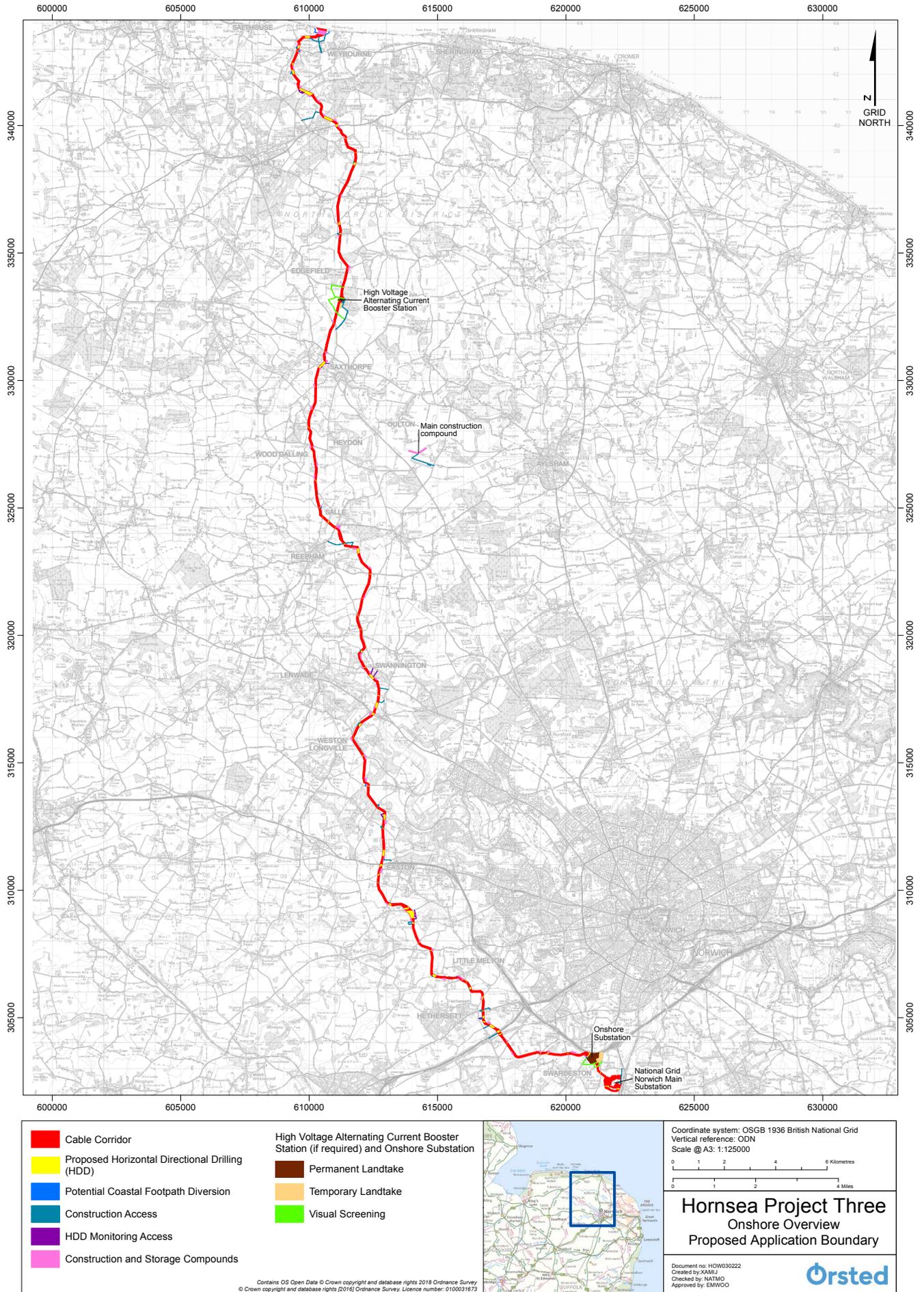
July to September
2017
Formal statutory
consultation and
Phase 2 Community
Consultation Events



November to December
2017
Further statutory
consultation



Quarter 2
2018
Submit
application to
Planning
Inspectorate



Enter postcodes into the search bar on our online interactive map (www.hornseaproject3.co.uk) to zoom into areas of interest.

Ørsted — the new name for DONG Energy

On 6 November 2017, we changed our name from DONG Energy to Ørsted. We have sold our oil and gas production businesses to focus on creating a world that runs entirely on green energy and DONG Energy, short for Danish Oil and Natural Gas, no longer reflects who we are.

We take our name from Hans Christian Ørsted, the Danish Scientist who discovered electromagnetism in 1820 and paved the way for how power is generated today. With our new name and brand identity comes a new website.

To discover more visit our UK website: www.orsted.co.uk

You can sign up to our mailing list by 'Registering your Interest in the Project' via our website (www.hornseaproject3.co.uk) or by contacting us directly. By doing this, you will receive future Project updates and copies of our community newsletters. Once the application is submitted, if you have registered your interest, you will be formally notified if it is accepted.

Contact us

To find out more or if you have any questions about Hornsea Project Three Offshore Wind Farm:

Call our Freephone Project Information line on **0800 0288 466**

Email us: contact@hornsea-project-three.co.uk

Visit our website: www.hornseaproject3.co.uk

Send us a letter:

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