

Orsted

Community
Newsletter

August 2023



Hornsea 3 Offshore Wind Farm

Welcome to the latest community newsletter for Hornsea 3

Welcome to the latest community newsletter for Hornsea 3. It's a very exciting time for our project as our onshore construction works are well underway. We have commenced with our ground-breaking works and successfully completed one of our temporary satellite compounds. You can find out more about our project updates on page 3.

We once again had the pleasure of meeting many of you at the Royal Norfolk Show. We'll also be at the Aylsham Show on Monday 28th August. There will be activities for all ages, and the project team will be on hand to answer any of your queries. We look forward to seeing you there!



Luke Bridgman
Project Director, Hornsea 3

Where are the Hornsea offshore wind farm projects?

Hornsea 3 will be located in the North Sea, approximately 121km off the Norfolk coast and 160km off the Yorkshire coast. The project has been granted development consent from the UK Government.

Hornsea 1 is located 120km from the Yorkshire coast and has been operational since 2019.

Hornsea 2 is adjacent to Hornsea 1 and will be situated 89km from the coast and is now commercially operational.

Hornsea 3 was awarded a contract for difference (CfD) in July 2022.

With a capacity of around 2,85 gigawatts (GW), Hornsea 3 will be capable of producing enough low-cost, clean, renewable electricity to power over 3 million UK homes.



Once Hornsea 3 is operational, Ørsted's Hornsea zone – comprising Hornsea 1, 2 and 3 – will have a total capacity of over 5GW. This will be the world's largest offshore wind zone, producing low-cost, clean, renewable electricity for UK homes.

Hornsea 4 was awarded planning permission July 2023.

Project updates

We reached a significant milestone in April 2023, with the project officially entering its Main Works Phase. Since then, work has progressed in preparation of our onshore cable installation.

Ground breaking

Construction has begun as part of our Main Works Phase. We are working from the north of the onshore cable route down to the south. We have completed a handful of our access points, haul roads and drainage, whilst there is still more to be done, we are happy with the progress we are making!

Artificial Nesting Structure

Hornsea 3 is delighted to share the completion of our industry-first nearshore Artificial Nesting Structures (ANS) for Kittiwake, off the coast of Minsmere and Lowestoft. These three bespoke structures have been specifically designed to house Kittiwake, a vulnerable species of seabird, as part of innovative plans to compensate for potential impacts of the Hornsea 3 windfarm on the species.

Despite a lack of suitable natural nesting sites (i.e. cliffs) in Suffolk, Black-legged Kittiwake (*Rissa Tridactyla*) have colonised the area and populations are expanding, highlighting its ecological suitability. This makes East Suffolk one of the most likely places for artificial structures to be colonised quickly and for the compensation measures to have the highest chance of success.

The structures are located approximately 1km offshore - with one close to the Minsmere Nature Reserve and the other two located near South Beach, Lowestoft. These nearshore locations place the structures close to existing, thriving Kittiwake colonies, whilst minimising disturbance to local residents and business owners.

A team of architects, engineers and ecologists were commissioned to design the structures in collaboration with local stakeholders and an Offshore Ornithology Engagement Group, which includes Natural England, the Marine Management Organisation (MMO) and the Royal Society for the Protection of Birds (RSPB) as core members.

Each structure has the capacity to accommodate around 500 breeding pairs and will be monitored across the lifetime of the ANS. Hornsea 3 is the first offshore wind project to require ecological compensation making these innovative ANS an industry-first.



Horizontal Directional Drilling

To minimise disturbance to the local community and to reduce the need for diversions or road closures, we are using a trenchless cable laying method called Horizontal Directional Drilling. Horizontal Directional Drilling has begun and we have commenced from the north of the cable route and will work towards the south. Works will continue into 2024.

Satellite Compounds

In the last edition, we told you about the successful opening of the temporary main logistics compound at Oulton Airfield. We also require temporary secondary satellite compounds, which are smaller in scale and will be located near High Kelling and on Watton Road. Construction of the Northern satellite Compound (near High Kelling) was successfully completed on the 16th of July. Look out for updates in the next newsletter as we progress with works on the Southern satellite compound.

Energy Balancing Infrastructure (EBI)

Planning permission was granted in January 2023 for Ørsted to develop Energy Balancing Infrastructure (EBI) on land to the east of Main Road (B1113) and south of the A47, Swardeston. Since then, Ørsted has begun the process of engaging with battery suppliers and are looking to secure a supplier by the end of 2023.

Hornsea 3 Community Benefit Fund

The Hornsea 3 Community Benefit Fund is taking shape. The local advisory panel has now been established to ensure the funds are awarded to the most deserving applications. The Panel comprises of representatives from the Local Councils, the Norfolk Wildlife Trust, The Norfolk Community Foundation, English Nature, Community Action Norfolk and Community Action Suffolk. We have also now finalised the criteria and expect the Fund will open to applications very soon. To keep up to date with Hornsea 3 Community Benefit Fund, please visit <https://grantscape.org.uk/fund/hornsea-3-community-fund>

Events

We had a fantastic time at the Southern North Sea Conference and the Royal Norfolk Show. We attended the Royal Norfolk Show in collaboration with the East Wind Offshore Wind Cluster, in the Science, Technology, Engineering and Math village where we met with students, residents, and landowners. We were joined by 3DW who provided a virtual reality experience of Hornsea 3, for users to visualise what a wind farm looks like up close.

We will also be attending the Aylsham Show on Monday 28th August. There will be activities for all ages, and the project team will be on hand to answer any of your queries. We look forward to seeing you there, please stop by and visit our stand!





DUDGEON
Offshore Wind Farm
Operated by Equinox

About the Dudgeon Offshore Wind Farm

- 1. Fully committed to 2024
- 2. 87 turbines generating 1,100MW of clean energy
- 3. 1,100 jobs during construction
- 4. 1,100 jobs during operation
- 5. 1,100 jobs during decommissioning

DUDGEON
Offshore Wind Farm
Operated by Equinox

the Dudgeon Community Fund

Skills for Energy
EAST OF ENGLAND

Support Training

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Day in the life – Ryan Woods, Quality, Health, Safety and Environment advisor



At Ørsted, we are on a journey to create a world that runs entirely on green energy. Every one of our employees plays a vital role in working towards this vision.

We want to highlight some of the people carrying out key roles within our organisation so that you can get to know members of the project team helping to deliver Hornsea 3. In this edition, we are exploring the work that our Quality, Health, Safety and Environment (QHSE) advisor, Ryan Woods undertakes:

Hi, my name is Ryan Woods, and I am the Ørsted QHSE advisor for the Hornsea 3 onshore cable route. Back at my home, my wife & I have the privilege of parenting three wonderful children. As you can imagine this provides so much joy to the both of us, and ultimately takes up most of our out-of-work time and efforts, through football team coaching (I am no Pep)! dancing, gymnastics and much more (we wouldn't change this for the world)!

From the moment I left school, I was fortunate to progress into a carpentry and joinery apprenticeship. This set me on my way into a successful career path within the construction industry that has provided me with continuous work for over 27 years and counting.

I made the transition from construction management to QHSE over 14 years ago. Before I started with Ørsted over 6 months ago, I worked on Hornsea 1 & Hornsea 2 for a cable supply contractor. This enabled me to understand and appreciate the values embedded in all Ørsted projects. In my role as a contract partner, we felt included and valued by the Ørsted delivery team, and it was clear that QHSE excellence is the primary consideration and objective for the project.

As exciting as it is to be part of a project that will deliver the world's largest windfarm, and provide green energy for generations to come, the reality is that this will come with QHSE challenges that the project will have to work diligently to overcome.

One of the most important elements of my role as QHSE advisor on Hornsea 3, is demonstrating strong leadership. I aim to deliver this every day by:

- Putting the Health Safety and wellbeing of project personnel and project stakeholders at the front of my actions
- Enhancing every opportunity to create a positive, effective psychological safe working environment
- Developing shared goals, to ensure everyone on the project contributes to establishing a safe project that everyone leaves for home in the way they arrived
- Maximizing opportunities to support and improve whenever possible, through incentives and social value programmes
- Collaborating with our principal contractor Volkerfitzpatrick
- Trying to have fun and make everlasting friendships

As a project we understand that our acts and omissions, not only impact the immediate project, but they will also impact local stakeholders and communities. As mitigation the Hornsea 3 team have developed robust QHSE systems and implement strategic plans to minimise disruption as much as we physically can do.

We also realise that local stakeholders and community can provide us with an opportunity to understand our challenges better through social engagement. As a project we embed social value in everything we possibly can, through employment, consultation, collaboration with charity and other organisations.

Our QHSE team realise the impacts this can bring to the project culture.

- We raise traffic safety awareness through messaging from local schools and community messaging
- We create QHSE forums for community engagement initiatives to be developed

In summary, my day-to-day duty is challenging, but at the same time exiting and satisfying through the opportunities the Hornsea 3 project brings.

Engaging with local communities

We have a range of communication tools which allow you to follow the progress of the project, or to contact us with your questions. These include:

Hornsea 3 Project Website

We've updated our Hornsea 3 website which now includes a dedicated community engagement space. Here you can find links to our engagement activities on Hornsea 3 and information on our final stage of the Hornsea 3 Community Fund consultation events. We have also published the Hornsea 3 Community Information Events Summary Report and the Hornsea 3 Community Fund Consultation Summary Report available on our website www.hornseaproject3.co.uk.

Communication Support Team

A Community Support Team is on hand to respond to any enquiries via direct email correspondence, and a dedicated freephone information line. The phoneline is manned between the hours of 9am and 5:30pm, however you can leave a voicemail outside of these times and a member of the project team will get back to you.

Email: community@hornsea3.co.uk
Telephone: **0800 158 2354**

Quarterly Newsletters

Community newsletters will provide regular updates on the progress leading up to and during construction, including information on forthcoming activities, updates on community funding and insights into how we work. Look out for our next newsletter in November, which will be made available online on our website. You can sign up to receive a digital copy directly to your inbox by emailing: community@hornsea3.co.uk

Collaborative Working

Our collaboration with Equinor, Galliford Try and Vattenfall is an important part of delivering Hornsea 3. All developers are committed to working together in the development of offshore wind projects to ensure clear and effective communications are delivered to the local communities and stakeholders we are working with. This means that we work closely together to ensure the community is updated in a timely and comprehensive way about forthcoming works and that we address any concerns raised by residents and parish councils as soon as they arise.

Due to the close proximity with the timing and location of Vattenfall's project, we have a joint communications engagement plan, which sets out how our two organisations will work together to keep local communities updated with developments on both projects.

Outreach

Ørsted is passionate about supporting skills, education and the future of the offshore wind industry in the UK. We are proud of our partnerships with schools in the local area, talking to students about Hornsea 3 and the importance of renewable energy. We have also provided careers advice and ran mock interviews. We will continue to support local schools, aiming to provide practical and technical skills that students will need to succeed in the local workplace.

Our underlying ambition with our outreach to schools and education institutes is twofold. Firstly, to introduce them to our exciting industry and the plethora of careers opportunities within it; secondly, to provide them with the opportunity to gain insights into our objectives as an organisation and an industry, hopefully inspiring them to share our ambition to create a world that runs entirely on green energy!

Contact us

If you'd like to get in touch or follow the latest updates regarding Hornsea 3 and the wider Ørsted UK team, please visit our website or follow us on social media.



community@hornsea3.co.uk



0800 158 2354



www.hornseaproject3.co.uk



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