



PORT OF BLYTH

# OFFSHORE WIND AT BLYTH POWERING THE FUTURE

[PORTOFBLYTH.CO.UK](http://PORTOFBLYTH.CO.UK)





# MARKET LEADING FACILITIES

The Port offers 1.5km of uncongested berths across four fully ISPS compliant terminals ensuring flexible use and excellent availability for offshore wind related vessels.

Blyth offers lock free deepwater access, with no air draft restrictions. The Port regularly handles a wide range of offshore vessels, including jack-ups, SOVs, CSVs, cable lay vessels, HLVs, barges and general cargo ships.

There are 9 heavy duty quays with up to 9m LAT supported by Port cranes of up to 120 tonne capacity able to assist with both quayside and site operations. A range of other handling equipment including reach stackers, forklifts, specialist trailers, cherry pickers can also be hired on flexible terms. Our heavy lift partners also have cranes of up to 600 tonnes capacity and a fleet of SPMTs readily available.

The Port's estate is around 60Ha and provides a range of property options available on flexible short, medium and long term basis. Choose from modern warehousing or engineering workshops with overhead cranes and offices, to facilitate fabrication, assembly or maintenance activities.

Facilities are enhanced by secure heavy duty surfaced areas suitable for large scale open storage and fabrication/ assembly requirements. Open and covered facilities are also available for long term storage of O&M components for offshore wind farms, providing long-term strategic facilities and an operational base in a prime location. Blyth currently serves as the storage facility for inter-array and export cables for several UK offshore wind farms.

The Port provides various cable storage solutions, including static cable storage tanks and mobile cable storage baskets, capable of holding up to 1,500 tonnes each.

Blyth is home to RWE's Sofia Offshore Construction Base and EDF's Blyth Offshore Demonstrator O&M facility, serving as a UK hub for Enshore Subsea, Osbit, Royal IHC and several others.



# STRATEGIC LOCATION

The Port of Blyth has a strategic central location on the east coast of the UK and is well placed for offshore wind related opportunities in the North Sea and beyond.

In 2000, Blyth became the home to the first UK offshore wind farm, ever since, Port of Blyth has been leading the way in renewable energy. Attracting one of the highest clusters of energy companies in the UK, the Blyth Estuary boasts a strong network of key industry drivers including the Offshore Renewable Energy Catapult, and over 50 other companies.

Excellent access from sea is guaranteed by a tidal deep water port accessible in virtually all weather conditions. Vessels of up to 200m LOA and 35,000 DWT have direct access to open sea with no locks or air draft restrictions. Port disbursements are competitive with berths suitable for jack up operations.

The Port has excellent uncongested road and rail links, with Newcastle International Airport only a 20 minute drive away. Heavy / abnormal load routes ensure easy access to and from the motorway network for wind turbine components, subsea equipment and a range of other project pieces.

Based in the North East of England, Port of Blyth also benefits from being located in a lead region for offshore wind with extensive research and development, a skilled workforce and a robust engineering supply chain.





# ENERGY CENTRAL

Energy Central—a unique partnership between Advance Northumberland, Northumberland County Council, Offshore Renewable Energy Catapult and Port of Blyth—has proven a key part of the vision to move Northumberland towards global leader status in renewables.

As a fully operational clean energy hub, Energy Central comprises world-leading organisations, bespoke training services, high-class R&D expertise and infrastructure. Energy Central can offer businesses quay-linked development land,

manufacturing and office accommodation opportunities. It also offers offshore wind businesses the opportunity to take advantage of world-renowned R&D, skills and training, as well as premier port access.

## BATES CLEAN ENERGY TERMINAL

A major low carbon redevelopment scheme promoted through Energy Central. Developed to support the clean energy sector, Bates Clean Energy Terminal offers enhanced facilities and the opportunity for low carbon focused investment and innovation. The terminal is the result of a £10m+ redevelopment programme that has delivered a heavy load out quay, new roads and hardstanding, a heavy-lift electric crane and warehouse upgrades. The 17HA terminal is now home to the offshore construction base for RWE's Sofia, one of the world's largest single offshore wind projects, and the Wind Turbine Training Facility.

## ENERGY CENTRAL LEARNING HUB

The facility at the Port of Blyth represents £15m+ of investment, a new STEM education and vocational training facility, developing energy sector skills and aspirations among young people at school and college, and adults re-training for new roles. Energy Central Learning hub is phase one of Energy Central Campus, a unique partnership between the Port of Blyth, Northumberland County Council and the Offshore Renewable Energy Catapult. Energy Central Campus is made up of two education, training and skills facilities focusing on STEM education, sector-led training and R&D to further support growth in the clean energy sector in Blyth and the wider North East.





# TURNKEY SOLUTIONS

The Port of Blyth has been a pivotal player in the offshore wind industry for more than two decades, providing first class services for all stages of an offshore windfarm from consenting to manufacturing and installation to O&M.

Port of Blyth offers a range of turnkey solutions to customers, including marine services, stevedoring (including heavy lifts), heavy transport, vessel chartering, warehousing and cable spooling. With extensive experience in mobilising offshore vessels, the Port handles large and complex lifts related to piles, cables, drills and foundations.

The Port of Blyth group offers a 'one stop shop' service through its subsidiaries, such as Transped, which specialises in packing, global logistics, and project forwarding, as well as Port Training Services which provides industrial and GWO training.

The Port is supported by a comprehensive supply chain of over 50 companies based in Blyth. Providing marine and land-based services, including hydraulics, vessel bunkering, welding, fabrication, back deck work, complex lifts, PPE, lifting and rigging services, etc.

In recent years, the Port has demonstrated its expertise in managing various aspects of major offshore wind farm projects through its involvement in projects like Neart na Gaoithe, Seagreen, and Sofia offshore wind farms, including handling and storing over 12,000 tonnes of cable and marshalling over 150 pin piles at up to 290 tonnes each. Port of Blyth continues to support major customers such as Saipem, Seaway 7, Van Oord and Jan de Nul.

ROVs, subsea ploughs, A-Frames, and carousels are regularly fabricated and serviced in Blyth to support offshore wind farm construction globally. Consequently, the Port has significant experience of supporting a huge range of mobilisation and demobilisation operations for the likes of Subsea7, Helix Energy Solutions and Pharos Offshore, with the Port well-equipped to support similarly complex projects.

# OFFSHORE WIND AT BLYTH

- ★ TURN-KEY PORT HANDLING SERVICES
- ★ TIDAL DEEP-WATER PORT ACCESSIBLE IN ALL-WEATHER CONDITIONS LOCK FREE
- ★ 9 FLEXIBLE JACK-UP READY BERTHS, WITH HEAVY LIFT CAPABILITY
- ★ A WEALTH OF EXPERIENCE IN OIL & GAS, OFFSHORE WIND AND DECOMMISSIONING
- ★ HOME TO A MATURE SUPPLY CHAIN WITH OVER 50 COMPANIES

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