# TenneT's Hollandse Kust (West Beta) Topside Heads to the North Sea

The topside structure for the Hollandse Kust (West Beta) offshore platform has departed from the Port of Hoboken (Antwerp) toward its final installation site in the North Sea. Weighing more than 3,500 tonnes, the steel structure was loaded onto a floating pontoon and transported via the Western Scheldt past the municipality of Vlissingen.

Heerema Marine Contractors' vessel Sleipnir will carry out the installation, placing the superstructure atop the jacket foundation already stationed 50 kilometers off the coast of Egmond aan Zee. This marks a critical step in completing the third and final 700 MW transformer platform off the Dutch North Holland coast.

With the connection of the Alpha and Beta substations in the Hollandse Kust (west) wind energy zone, the Netherlands will see its offshore wind capacity increase from 4.7 GW to 6.1 GW. Additional development is progressing on the 2 GW grid connections at Maasvlakte 2 and Borssele, aligning with the Dutch government's target of achieving 21 GW of offshore wind capacity by 2032.


PD PORTS

# PD Ports Unveils Vision for Teesport Offshore Wind Hub

**PD Ports has announced its strategic vision to establish the Teesport Offshore Gateway—an ambitious development aimed at becoming one of the UK's largest hubs for offshore wind manufacturing and installation.**

Spanning 180 acres, the proposed site would support assembly, marshalling, and supply chain operations for both fixed-bottom and floating wind energy projects. The development includes plans for a deep-water quay of up to 1 kilometer, allowing direct access to the North Sea and catering to the increasing needs of the renewable energy sector.

Located within the Teesport industrial complex—currently the UK's sixth largest port—the site benefits from robust infrastructure, road and rail connectivity, and a skilled regional workforce. Subject to planning and regulatory approval, the estimated £200 million investment would play a key role in advancing the UK's energy transition, boosting local industry, and supporting national net-zero goals.

# Purus Chinook Named in London Ahead of European Deployment

Purus has officially named its new commissioning service operation vessel (CSOV), Purus Chinook, at a ceremony held in London on May 8, 2025. This advanced vessel, part of the VARD 419 series, marks the first of two new hybrid CSOVs commissioned by Purus to serve the offshore wind sector.

The naming event welcomed representatives from Vard, DNV, Vestas, and government officials, and included the formal presentation of Purus Chinook's Cyber Secure Essential and COMF-V1 notations—highlighting its digital resilience and onboard crew comfort.

Equipped with hybrid battery technology and future-ready fuel systems, the vessel is now preparing for a multi-year contract with Vestas. It will begin operations supporting offshore wind farm activities across Europe, starting in the UK. The launch underscores Purus' growing role in the clean energy transition and its investment in next-generation maritime assets.

# First Turbine Installed at Saint-Brieuc Offshore Wind Farm

The Saint-Brieuc offshore wind farm off France's Atlantic coast has successfully completed the installation of its first wind turbine, marking a pivotal moment in the development of the 496 MW project.

Located in the Brittany region, the project will feature dozens of turbines installed on jacket foundations in approximately 30 meters of water depth. Specialized offshore construction vessels are being used to manage the complex deployment process.

Once fully operational, the wind farm is expected to generate clean energy for nearly 835,000 people annually. As one of France's earliest large-scale offshore wind developments, the project supports national energy independence targets and highlights the growing engineering expertise within the French renewables sector.

# Pioneering Spirit Back in Action After Rotterdam Grounding

Pioneering Spirit, the world's largest heavy-lift vessel, has resumed operations following a brief grounding incident in the Port of Rotterdam on April 22, 2025. After a rapid inspection and repair process, the vessel departed on May 3 with the 12,000-ton BorWin epsilon converter platform on board, bound for the German North Sea.

The platform, built by Dragados Offshore, is a central component of the BorWin5 project—an initiative led by transmission operator TenneT to connect the 900 MW He Dreiht wind farm to the mainland via Siemens Energy's high-voltage direct current (HVDC) transmission technology.

To minimize environmental impacts during installation, the project has implemented noise mitigation strategies such as the Double Big Bubble Curtain (DBBC). The incident initially raised concerns about project delays, but Allseas' swift response has ensured the BorWin5 timeline remains on track.

As Germany ramps up its offshore wind capacity, the BorWin5 project highlights the essential role of advanced infrastructure and vessels in the transition to a low-carbon energy system.

# East Anglia THREE Sets New Foundation Record

ScottishPower Renewables has set a new offshore wind milestone at its East Anglia THREE project by installing the largest monopile foundations to date from a jack-up vessel in Europe. Each monopile reportedly weighs as much as 250 African elephants.

Located off the east coast of England, the project will eventually include 94 Siemens Gamesa 14.7 MW turbines—the most powerful in ScottishPower and Iberdrola's fleet.

The US$5.3 billion project is expected to provide renewable electricity to more than 1.3 million homes upon completion. With 93 more foundations to be installed, East Anglia THREE is on track to become one of the UK's most significant offshore wind installations to date.

# TRIWIND Floater Enters Construction Phase in ARCHIME3 Project

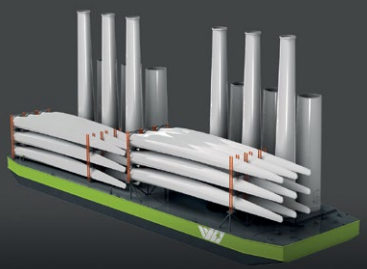

The TRIWIND floating wind platform, developed by Beridi as part of the EU-funded ARCHIME3 project, has entered its construction phase. The €2.4 million project—backed by the European Commission's Horizon 2020 program—is aimed at demonstrating cost-effective, scalable floating wind technology.

The TRIWIND design uses Beridi's patented approach to reduce both construction time and cost, contributing to lower Levelized Cost of Energy (LCOE) for floating wind solutions. The prototype's construction includes completion of the upper slab, followed by concrete testing and watertightness trials.

The project seeks to validate the TRIWIND floater's readiness for mass production and its viability for deployment in deep-water offshore wind farms. If successful, this innovation could help accelerate the commercialization of floating wind technologies across Europe.

GRS OFFSHORE RENEWABLES

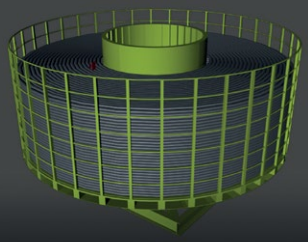
# OFFSHORE EQUIPMENT



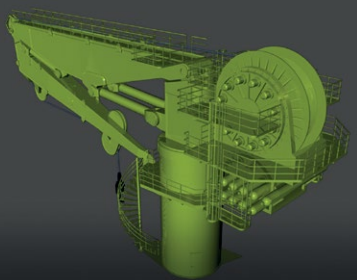
BARGE / PONTOON

ACCOMMODATION MODULE

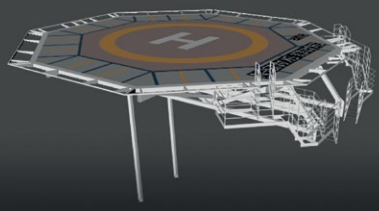
TRANSFER SYSTEM / GANGWAY



CABLE CAROUSEL / TURNTABLE



CRANE

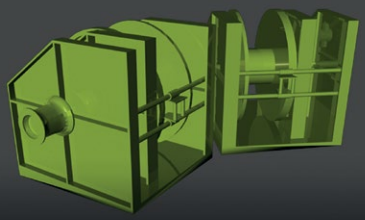


HELICOPTER DECK

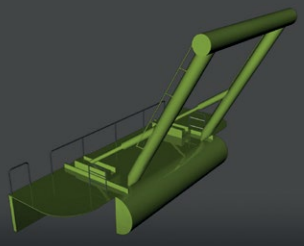
OFFSHORE CONTAINER

CABLE INSTALLATION EQUIPMENT

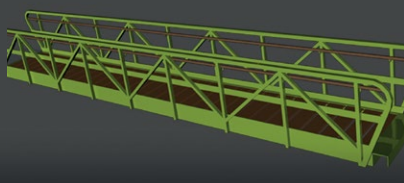
REMOTE OPERATING VEHICLE (ROV)



MOORING SYSTEM / WINCH



A-FRAME



MISCELLANEOUS EQUIPMENT

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