SOLVE WIND

DemoATOMS Platform Entered the Water, Advancing Offshore Wind Maintenance Technology

The DemoATOMS maintenance platform was successfully launched into the water in October 2025, marking an important step for next-generation offshore wind maintenance solutions. After comprehensive electrical and hydraulic system tests and early subsystem validations were completed, the platform was deemed ready for marine environment trials. This milestone reflects the collaboration between ESTEYCO, Liftra, Pine and Montajes y Estructuras Lago, whose combined expertise supported the project's development. The platform, developed under the SOLVE WIND initiative, is part of efforts to transform offshore wind installation and operations with a focus on efficiency and sustainability. DemoATOMS is designed to support maintenance of turbines up to 5 MW using Liftra's LT1200 self-hoisting crane, and the insights gained during forthcoming offshore testing will contribute to the design of next-generation units meant for larger turbines.

BW Ideol

European Commission Selects BW Ideol Floating Foundations Factory for Innovation Fund Support

BW Ideol's "Fos3F" project, a pioneering facility for serial production of floating wind foundations, was chosen by the European Commission in November 2025 for support under the EU Innovation Fund, with a potential grant of up to €74 million. The facility will be built in Fos-sur-Mer on France's Mediterranean coast and dedicated to manufacturing concrete substructures based on the company's patented Damping Pool® design, which has been proven at sea on more than one continent. The factory is expected to serve floating wind projects in France, Spain, Italy and Greece, targeting an estimated market of around 8 GW by the mid-2030s and creating around 1,300 direct jobs in the region. BW Ideol and the Commission are now preparing the final grant agreement, a process anticipated to conclude in the first half of 2026.

CIP Completes First Jackets for Fengmiao Offshore Wind Project in Taiwan

Copenhagen Infrastructure Partners (CIP) reached a key construction milestone at Taiwan's Fengmiao offshore wind project by completing the first batch of jacket foundations ahead of installation operations planned for 2026. The foundations were supplied by Century Wind Power, demonstrating CIP's capacity to deliver complex offshore infrastructure. Construction has progressed according to schedule, supporting investor and lender confidence in the project's path toward its 2027 completion date. In parallel, CIP continues development of the 600 MW Fengmiao 2 project, which will further expand Taiwan's offshore wind capacity and contribute to the nation's renewable energy goals through 2030.

Japan Approves New Offshore Cable Jointing and Burial Vessel Designs

Japan recently approved conceptual designs for two new vessels aimed at improving subsea power cable operations for offshore wind projects. The concepts include a cable jointing vessel, intended to perform cable splicing offshore and reduce reliance on lengthy onshore pre-assembly, and a cable burial vessel designed to protect export and inter-array cables by embedding them beneath the seabed with remotely operated systems. These approvals confirm that the designs meet key technical and safety requirements at the concept stage, clearing the way for further development. The vessels are seen as crucial as Japan's offshore wind sector expands into deeper and more geographically dispersed waters, supporting long-distance subsea transmission and strengthening the domestic supply chain.

First Transition Pieces for Inch Cape Offshore Wind Farm Delivered by CWHI

China's CNOOC-Wenchong Heavy Industries (CWHI) delivered the first batch of transition pieces for the 1.1 GW Inch Cape offshore wind farm in Scotland to the Port of Leith in late 2025. Each of the 15 transition pieces, standing around 28 m tall with an 8.3 m diameter and weighing approximately 600 tonnes, will form the critical link between monopile foundations and turbine towers once installed offshore. CWHI is contracted to supply a total of 30 transition pieces as part of its foundation scope for the project. This delivery marks the beginning of multiple shipments and the progression of fabrication activities as offshore installation in Scottish waters continues on schedule.

HD Hyundai Unveils Advanced Floating Offshore Substation Concept

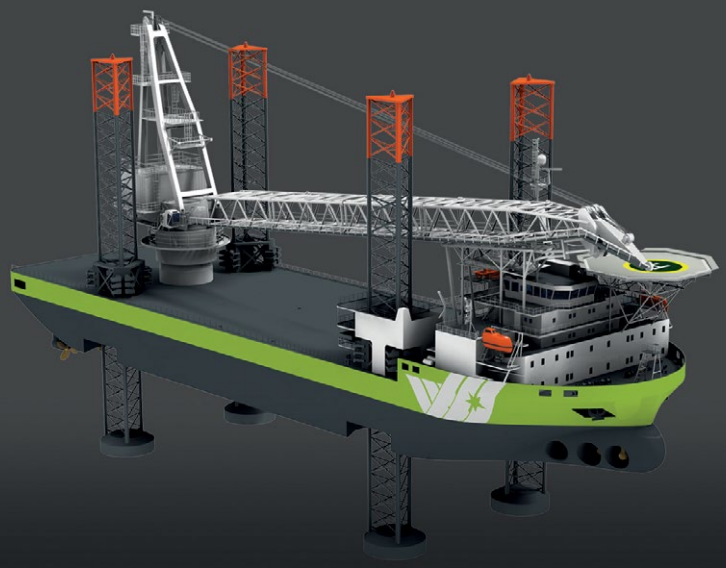
HD Hyundai Heavy Industries announced early technical approval in late 2025 for a new floating offshore substation concept, representing a significant advancement in deepwater wind infrastructure. The design incorporates an advanced structural health monitoring system that will continuously measure performance indicators to improve safety and operational efficiency once deployed at sea. Floating substations are critical for collecting and transforming electricity from offshore turbines and transmitting it to onshore grids, especially in deepwater locations where fixed platforms are impractical. With conceptual approval secured, the project is now positioned to move into detailed engineering and future construction phases, aligning with broader industry trends toward scalable floating wind support infrastructure.

DEME Expands WTIV Fleet with Second Vessel Ahead of 2026 Offshore Campaign

Belgian offshore contractor DEME strengthened its offshore wind installation capabilities with the delivery of its second next-generation wind turbine installation vessel (WTIV), Norse Energi, joining its sister ship Norse Wind in late 2025. Both purpose-built vessels are designed to support the installation of large-scale turbines and associated foundation components, featuring advanced lifting systems, enhanced loading capacity and adaptable operational features. DEME plans to commission Norse Wind and Norse Energi into service in the first half of 2026, with assignments already lined up for upcoming offshore wind campaigns. Their deployment is expected to accelerate installation schedules and bolster DEME's position in the global offshore wind installation market, reflecting a broader trend of investment in cutting-edge installation vessels to meet growing project scale and complexity.

GRS OFFSHORE RENEWABLES

AN EXTENSIVE DATABASE OF OFFSHORE VESSELS



Whether you are looking for a vessel to buy or to charter, check out our easy-to-navigate vessel database and request yours now!

Or contact us: info@grs.group

https://grs.group/grs-offshore-renewables/3d-vessel-portfolio/

WE ARE YOUR INDEPENDENT SHIPBROKER FOR CHARTERING AND S&P, SPECIALIZED IN THE OFFSHORE RENEWABLES MARKET

IF YOU WOULD LIKE TO CHARTER OR BUY, HAVE QUESTIONS OR NEED INDIVIDUAL ADVICE

CALL:

T.: +49 40 411 60 68 0
F.: +49 40 411 60 68 99
INFO@GRS.GROUP
WWW.GRS.GROUP

GRS.OFFSHORE RENEWABLES GMBH
– STADTHAUSBRUECKE 7 – 20355
HAMBURG

MANAGING DIRECTOR:
P. SCHOENEFELD, M. MROSS, U. KRIETE

COURT OF REGISTRY:
HAMBURG

COMMERCIAL REGISTRY:
HRB 119000 – VAT-ID: DE27813673