Bourbon Subsea Services collaborates in the installation of the third floating wind turbine for the Windfloat Atlantic project

Following the supply and installation of the mooring lines, Bourbon Subsea Services towed and connected the third 8.4 MW floating wind turbine of the Windfloat Atlantic project, located 20 km from Viana do Castelo on the Portuguese coast. With a total capacity of 25MW, these are the most powerful floating wind turbines ever installed.

BOURBON, responsible for the project management and engineering of the installation at sea, provided all the naval assets and necessary personnel for the offshore operations for the 3 turbines. BOURBON’s project team worked in close coordination with its client WINDPLUS encompassing EDPR, Engie, Repsol and Principle Power, together with the partners Navantia / Windar joint venture, the A-Silva Matos group, wind turbine manufacturer MHI Vestas and dynamic cables manufacturer JDR Cables as well as Vryhof, the anchoring system supplier. Bourbon Subsea Services, henceforth, positions itself today as the European leader in the installation of offshore floating wind turbines.

With the support of three vessels (the Bourbon Orca AHTS, a port tug and an ROV support vessel laying electrical cables), a team of more than 70 people will set this wind turbine up, culminating at almost 100m height. After towing and connection to the preinstalled anchor lines, BOURBON will carry out the electrical connection operations. This lump sum project demonstrates the group’s expertise in towing, underwater robotics, positioning and laying of electric cables as well as the project management capacity of all stakeholders.

"This last step in the WindFloat Atlantic project marks a turning point for floating wind power, which goes from the prototype to a pre-industrial stage. The successful completion of this project demonstrates the potential of floating wind turbines and is a source of pride for BOURBON, which is taking part in the development of renewable energies, drawing on years of experience and professionalism at sea," Bourbon Subsea Services CEO Patrick Belenfant said.
ABOUT BOURBON

Among the market leaders in marine services for offshore oil & gas, BOURBON offers the most demanding oil & gas companies a wide range of marine services, both surface and sub-surface, for offshore oil & gas fields and wind farms. These extensive services rely on a broad range of the latest-generation vessels and the expertise of more than 8,200 skilled employees. The group provides local services as close as possible to customers and their operations, guaranteeing the highest standard of service quality incomplete safety in its 44 countries of operation.

BOURBON provides three operating activities (Marine & Logistics, Mobility and Subsea Services) and also protects the French coastline for the French Navy.

In 2019, BOURBON’S revenue came to more than €720 million and the company operated a fleet of 458 vessels.

Since 2011, BOURBON Subsea Services has acquired unique experience in offshore wind turbine installation. After the installation of the anchorage of the first floating wind turbine in France as part of the European FLOATGEN project in 2017 and the installation of the first wind turbine at the Kincardine site off Aberdeen in Scotland for the Spanish construction group Cobra, BOURBON Subsea Services is today positioned as a leader in offshore wind turbine installation.

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