



Press release

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BOUYGUES TRAVAUX PUBLICS ACQUIRES AN INNOVATIVE TECHNOLOGY TO ACCELERATE OFFSHORE WIND DEVELOPMENT

Bouygues Travaux Publics is expanding its range of infrastructure solutions for offshore wind farms, with the exclusive acquisition of the OO-STAR floating foundation technology, owned by Floating Wind Solutions. This technology can be adapted to a wide range of marine environments, reducing the carbon footprint of wind farm infrastructures and lowering operating and maintenance costs.

Bouygues Travaux Publics, which already owns the gravity-based foundation technology with the Fécamp offshore wind farm project, is exclusively acquiring an innovative floating base technology.



OO-STAR is a patented semi-submersible wind turbine foundation concept, originally developed by Dr.techn. Olav Olsen and later transferred to Floating Wind Solutions (FWS), which Bouygues Travaux Publics has just acquired.

The hydrodynamic and structural behavior of the foundation guarantees an optimal performance of the turbine and a high durability of the structure, allowing for greater efficiency.

Bouygues Travaux Publics and Dr.techn. Olav Olsen now intend to combine their engineering and construction expertise to optimize the design and implementation process of this technology, with the aim of providing an integrated, innovative and competitive solution for the floating offshore wind market. The semi-submersible concrete foundations will be mass-produced in a timely and cost-effective manner.

« This acquisition reflects Bouygues Travaux Publics' ambition in the wind energy sector and confirms its commitment to reducing the carbon footprint of its activities. This technology investment is an important step, as it gives us a significant technological advance to accompany the market more quickly in the necessary environmental transformation process»
Philippe Amequin, CEO, Bouygues Travaux Publics

“Dr.techn. Olav Olsen has more than 50 years expertise in developing infrastructure solutions in the oil and gas sectors and has been working for 10 years on the development of the OO-STAR technology. We are delighted to enter into this close partnership with Bouygues Travaux Publics and to support them in building competitive infrastructure solutions for the floating offshore wind market.”
Olav Weider, CEO, Dr.techn. Olav Olsen



About Bouygues Travaux Publics

Bouygues Travaux Publics is one of the global leaders in regeneration and sustainable infrastructures. As a subsidiary of Bouygues Construction specialised in civil engineering and related structures, the company has skills and recognised expertise in underground works, river and maritime works, linear projects, industrial civil engineering, earthworks and surface mining. From Hong Kong to Canada, Bouygues Travaux Publics has completed numerous iconic projects: the Channel Tunnel, the Brest tramway, the Beirut seafront, the A28 and A41 motorways, the Ile de Ré and Normandy bridges, Chernobyl's New Safe Confinement arch, Cairo and Sydney undergrounds, and over 10 tunnels in Hong Kong. Throughout the world, men and women in our company are all committed to innovating and creating value for our clients.

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Find all our news on <https://mediaroom.bouygues-construction.com>

About Dr.techn. Olav Olsen

Dr.techn. Olav Olsen AS, based in Norway, is a consultancy firm specialized in structural and marine engineering. It designs all types of structures in the fields of transportation, industrial facilities, ports and harbours, dams, marine and offshore structures, including aquaculture and renewable energy. The company is part of the Artelia Group, an international, multi-disciplinary consultancy, engineering and project management group.

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