



Floatgen is installed !

May 16th 2018 – The floating offshore wind turbine Floatgen was tugged to its permanent offshore installation site – the SEM-REV test site – during the night of April 30th.

France's first offshore wind turbine arrived on the Ecole Centrale de Nantes' offshore test site, 20 km off the town of Le Croisic, on Monday April 30th after ten hours of towing. Hundreds of gawkers lined up the harbour and the beaches of Saint-Nazaire to watch this unique convoy go by. These towing and hook-up operations symbolize the beginning of a new era in the life of this internationally acclaimed project.

The hook-up to the mooring lines which had been pre-laid in July 2017 was successfully executed by JIFMAR in the ensuing days.

An episode of severe weather right after the floater's installation (5m waves and 15 m/s winds) proved its excellent seakeeping performance and confirmed the accuracy of Ideol's simulation models.

The connection to the export cable and to the power grid will be scheduled in the very near future after a last series of tests.



Towing - April 29th

Credits : Ideol / BYTP / Centrale Nantes / Above all



Floatgen at SEM-REV test site – April 30th

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Floatgen

The project began in 2013 bringing together seven partners each with a specific role to play:

Ideol: design of the entire floating system (foundation, mooring system and export cable) as well as the supply of the wind turbine; **Centrale Nantes**: ocean engineering expertise, access to its offshore test site and mooring lines supply; **Bouygues Travaux Publics**: floating foundation construction; **the University of Stuttgart**: participation in the study phase simulations, **RSK GROUP**: environmental impact analysis; **ZABALA** project management; and finally, **FRAUNHOFER-IWES**: comparative analysis of the different floating solutions. It is supported by the European Union as part of the FP7 programme, by the French Environment and Energy Management Agency as part of the national Investments for the future programme, and by the Pays de la Loire region. This project is a precursor to the installation in coming years of first pilot, then commercial, offshore wind farms.

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