



Floatgen produces its first KWh

December 21st 2017 – Floatgen floating wind turbine, currently at quay des Darses in Saint-Nazaire harbour, has produced its first electrons last week before its towing offshore.

After its inauguration and baptism, France's first offshore wind turbine has undergone a battery of tests. This intensive program has precisely included an "overspeed" test – in order to verify the shutdown of the wind turbine during an emergency –. The test confirmed the very good behavior of the wind turbine/floater assembly.

Other tests have also been performed, including an electric production test. **Thus, last 14th of December, Floatgen floating offshore wind turbine produced several hundred KWh.**

This first production has allowed the verification of the control-command configuration and the validation of the wind turbine security.

These operations are an additional illustration of the core advantages Ideol's technology brings to the market. Indeed, this innovation allows the pre-

commissioning of the wind turbine at quay in a sheltered environment, limiting offshore works and thereby reducing the associated risks and costs.

From now on, the next step will be the towing towards SEM-REV installation site (operated by Centrale Nantes), the commissioning and the hook up.



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.

PRESS CONTACT

Marie Bayard-Lenoir, Ideol's communication officer Tel : + 33 (0)6 09 77 81 15 - press@floatgen.eu