INNOVATIVE, LOW COST, LOW WEIGHT AND SAVE FLOATING WIND TECHNOLOGY **OPTIMIZED FOR DEEP WATER WIND SITES**



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PROJECT ACRONYM: FLOTANT

PROJECT TITLE: Innovative, low cost, low weigth and safe floating wind technology optimized for deep water wind sites FUNDING: EU-H2020-LC-SC3-RES-11-2018: GA.815289 **EU Financial contribution:** 4,9 million Euros

OBJECTIVE

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flotantproject.

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The main objective of FLOTANT is to develop the conceptual and basic engineering, including performance tests of the mooring and anchoring systems and the dynamic cable to improve cost-efficiency, increased flexibility and robustness to a hybrid concrete-plastic floating structure implemented for Deep Water Wind Farms (DWWF).

CHALLENGES & SCOPE



START DATE: April 1st. 2019 **DURATION:** 36 months PARTNERS: 17 partners from 8 EU coutries COORDINATOR & CONTACT: PLOCAN; ayoze.castro@plocan.eu WEBSITE: www.flotantproject.eu



According to WindEurope report, offshore wind is expected to produce 7% to 11% of the EU's electricity demand by 2030, as offshore wind energy could have an average cost of 54 €/MWh in the most favourable locations. Energy produced from turbines in deep waters could meet the EU's electricity consumption four times over, according to estimates from WindEurope. In consequence, encouraging the development and deployment of offshore wind in deep

