



FLOAWER
FLOAting Wind Energy netwoRk



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Press Release

Nantes, 5th December 2019

Kick-off for FLOAWER: the European Project coordinated by Centrale Nantes Recruitment for 13 early stage researchers now open.

FLOAting Wind Energy netwoRk (FLOAWER) is an Innovative Training Network (ITN), a European project that brings together leading academics and industry leaders in the offshore wind industry, and floating wind turbines in particular. Its goal is to strengthen the leadership and competitiveness of this industry in Europe.

While wind power, the second largest source of power generation capacity in Europe, is growing rapidly, space for wind turbines on land is becoming increasingly scarce. Floating offshore wind (FOW) presents a unique opportunity for Europe with its considerable potential to develop wind farms. However, the sector faces two main challenges: the cost of energy remains high and there is a lack of specialized human resources.

FLOAWER is designed to tackle these challenges. Coordinated by Centrale Nantes, the project has just gotten underway for a period of four years. This time will be devoted to the multidisciplinary training of early stage researchers in the technologies required for the development of floating wind turbines, with a view to reducing costs and optimizing the profitability of the sector.

The first step during FLOAWER's launch phase is to recruit the thirteen early stage researchers who will commence training between April and October 2020. To apply, applicants must have a Master's degree and be in the early years of their research career. Register to apply online on the FLOAWER website until 31 December 2019: (<http://www.floawer-h2020.eu>)

The four scientific work packages of the FLOAWER programme are as follows:

WP4: Wind Resource Assessment in deep water

WP5: Advanced floater analysis

WP6: Dynamics of wind turbine

WP7: System design to reduce Levelized Cost of Energy

FLOAWER Partners

Centrale Nantes (ECN) (France), Politecnico di Milano (PoliMI) (Italy), Carl von Ossietzky University of Oldenburg (UOLD) (Germany), University of Stuttgart (SWE) (Germany), CNRS (France), University College

Cork (UCC) (Ireland), Norwegian University of Science and Technology (NTNU) (Norway), Technical University of Denmark (Denmark), WavEC Offshore Renewables (Portugal) and University of Rostock (UROS) (Germany).

About Centrale Nantes

Founded in 1919, Centrale Nantes is a French engineering school and member of the Ecoles Centrale Group. Its undergraduate, Master and PhD programmes are based on the latest scientific and technological developments and the best management practices. At Centrale Nantes, research and training are organised into three key areas for growth and innovation: manufacturing, energy transition and healthcare. With research platforms ranging from digital simulation to prototyping using full scale models and an incubator with 20 years of experience in supporting start-up projects, the school has two major tools for innovation and creation, working hand in hand with industry. Centrale Nantes promotes its teaching and research capabilities at international level through around 100 partnerships with prestigious universities and schools worldwide.

Centrale Nantes welcomes 2,410 students, including 1,440 undergraduate students, 170 Executive Education and ITII degree apprenticeship students, 270 PhD students, 430 Masters students, and 100 Bachelor/Foundation Master students on its 40-acre campus.

For more information: www.ec-nantes.fr

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Project website: <http://www.floower-h2020.eu>