

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.

Coordinated by Centrale Nantes, the project is funded 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.



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# 12GW

of Floating Offshore Wind in Europe:  
the 2030's industry deployment ambitions

## The FLOAWER network is designed to fulfil the following main objectives

- > Deliver leading-edge training to ESR by addressing the state-of-the-art scientific and transversal needs of the FOW sector;
- > Enable ESR to benefit from regular mobility across EU's most prominent industry and academia actors of the FOW sector;
- > Confront the ESR to the current and upcoming engineering challenges faced by the FOW industry;
- > Create a multidisciplinary environment where industries and academia share ideas and work together towards solution accelerating the commercialisation of the FOW sector;
- > Support the European offshore wind energy industries to identify technological improvements by providing high performance characterization and modelling tools that can enhance their competitiveness.

## The research programme is structured with 4 scientific workpackages (activities):

- > **WP4:** Wind Ressource Assessment in deep water
- > **WP5:** Advanced floater analysis
- > **WP6:** Dynamics of wind turbine
- > **WP7:** System design of reduce Levelized Cost Of Energy

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## Early Stage Researchers (ESR)

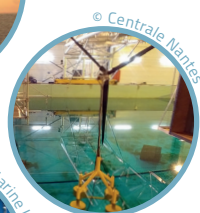
Altogether, **FLOAWER** will train a new generation of innovation-oriented ESRs, with enhanced career perspectives, who will be a key asset to tackle current and future challenges of FOW sector and boost European competitiveness and attractiveness in this domain.

## 10 beneficiaries

Centrale Nantes  
Politecnico di Milano  
Carl von Ossietzky  
Universität Oldenburg  
University of Stuttgart  
CNRS-LEGI  
University College Cork  
Norwegian University  
of Science & Technology  
Technical University of Denmark  
WavEC Offshore Renewables  
University of Rostock

## 15 partner organisations

involved in ESR training & hosting  
for secondments, providing data  
and industrial visits.



This project is certified by:

