

The safety of knowledge



NEWS

COORDINADORA enhances its reputation landing a defiant Project.

We have been authorized to execute the transport engineering, load out, dry towage and float off operations related to the Windfloat® Atlantic manufacturing Project led by Navantia, the leader spanish shipbuilder.

By the summer of 2019 a Windfloat unit is planned to be delivered in Fene Shipyard. Navantia launched the project months ago, and now they have granted us the logistic scope after a competed process in which not only the most cost wise proposal was required, but also the most technically skilled solution.



About the Project

Windfloat® is a floating foundation for offshore wind turbines with a patented design by Principle Power, Inc. This type of foundation enables wind turbines to be sited in previously inaccessible locations where water depth exceeds 40m and wind resources are superior.

So far a full-scale 2 MW WindFloat prototype (WF1) has been installed at the portuguese coast.

Each floating foundation is composed of three buoyancy towers joined together by tubular structures that run along the sides of the triangle. The structure is endowed with a special design in the base line to ensure a safe and smooth motion response at sea.

Knowledge put to the test

This special design requires a complex and innovative transport solution. This kind of challenges are our *leitmotiv*, they allow us to continuously improve and apply the knowledge that we have acquired through our past experiences, reassuring our area of expertise.

Opportunity meets preparation

Our winner proposal is based on using SPMTs to roll the unit from the manufacturing yard up to the loading wharf. Once there, a load out manoeuvre is planned to load the Windfloat aboard a single semisubmersible barge. This semisubmersible unit is to be towed up to safe and sheltered waters, where the floating unit is going to be released into the water.

Not only the general strategy, but also the selection of key partners -owners of special transport means- together with COORDINADORA's amazing technical capabilities, have been the drivers of this new success.

