

OFFSHORE WIND



Navantia
Your partner at sea



"East Anglia One" jacket under construction. Fene (Spain)



OFFSHORE WIND TARGET PRODUCTS

• FOUNDATIONS

Jacket foundations for WTGs is a product absolutely in line with Navantia skills, our expertise on steel works represent an advantage when complicate high quality welding works and accurate dimensional control measures are needed. Moreover, our association with WINDAR for fabrication of foundations, provides flexibility and the right tools to accommodate demanding projects at competitive prices.



**WIKINGER
OSS JACKETS**

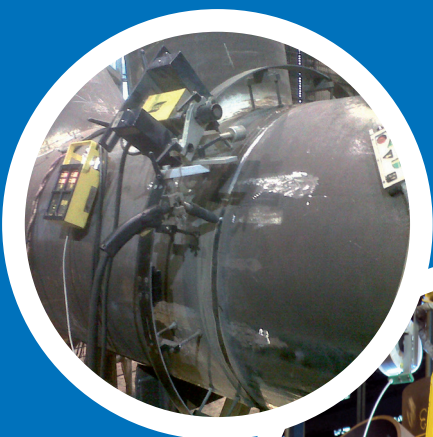


• OFFSHORE SUBSTATIONS

Offshore substations require of a wide range of competences from engineering capabilities, 3D modelling and topside systems integration to steel works, heavy lift means and deep know-how of marine enviroment. All these attributes are well assumed in Navantia due to an extensive background in shipbuilding and Oil & Gas constructions.



5000 t Wikingier Substation Topsides under construction Puerto Real (Spain)



**R&D
THE ONLY
WAY TO
SUCCEED**



• FLOATING FOUNDATIONS

As a experienced shipbuilder, Navantia is best placed for the market of floating foundations.

We can contribute to third party designs providing construction inputs from early stages, and also make very reliable and quality fabrications at our premises taking advantage of skills developed through years, and the experience working in this regulatory framework.



OFFSHORE AND MARINE EXPERIENCE

Navantia has wide experience in the O&G sector, having delivered complex FPSO, drillship and semisub projects. Navantia track record in Offshore Wind include jacket foundations, floating foundations and electrical substations.

INNOVATIVE CONSTRUCTION STRATEGIES

In-house developed construction strategies aimed to maximize under shelter works, mass production and optimization of yard facilities to achieve the most cost effective fabrication line from nodes and blocks prefabrication, to blocks assembly, blast and paint, final outfitting , roll up and load out onto transport barge.



Navantia Fene yard

ENGINEERING AND FABRICATION CAPABILITIES SINERGY

Engineering know-how and tools oriented to construction methodology and optimized use of Navantia facilities. With more than 700 engineers and a total workforce of 5.500 employees, Navantia aligns design and fabrication roles to achieve the most cost effective solutions.



Fene Yard, Spain (1.000.000 m²)



Puerto Real Yard, Spain (1.200.000 m²)



More
than 20
countries...

... with
offices
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