

Offshore foundations

Horns Rev 2

In 2007, Bladt Industries A/S became engaged in the world's largest offshore wind farm so far. The company entered a contract with the joint venture Per Aarsleff/Bilfinger Berger. The project included production of 91 monopiles and 91 transition pieces to Horns Rev 2. The operator of the offshore wind farm is DONG Energy.

The Horns Rev 2 Offshore Wind Farm is the world's largest with a capacity of 209 MW and supplies 200,000 households.

This project required Bladt Industries A/S to produce 91 monopiles with individual length between 38 and 45 metres because of the uneven seabed 30 km off the coast of Esbjerg, Denmark. The diameter of all monopiles is 3.9 metres.



The transition pieces are identical structures with measurements of 17 metres in height and 4.2 metres in diameter.

The entire project required approximately 24,000 tonnes of steel as well as Bladt Industries A/S to use its core competences of high rolling and welding capacities. The company has great experience with producing tubular structures based on many years of experience with the oil & gas energy industry.

Load out was an ongoing process from March to September 2008. The structures were shipped to its destination as production progressed and the individual pieces were completed.

Client	Aarsleff/Bilfinger-Berger
Delivery	March-September 2008
Tonnage	24,000 tonnes in total

