

# Wikinger Offshore Wind Farm



www.bladt.dk

41 offshore jacket structures and 164 pin piles



## A milestone contract

December 2014 marked an important milestone for Bladt Industries as a contract was signed with Iberdrola Renovables for the construction of jacket foundations for Wikinger Offshore Wind Farm. During a load-out period of 18 months, Iberdrola received a total of 41 jacket structures and 164 pin piles – four for each jacket.

## Reducing work at height

Bladt Industries had a strong cooperation with the client on this project in order to achieve an even more streamlined production setup for the benefit of both parties. The design of the jackets and the adopted assembly method by Bladt made it possible to finish more of the painting and electrical installations on the transition pieces on ground, consequently reducing the need for expensive – and from a health and safety point of view dangerous – work at height.

## A streamlined production

The facilities at Lindoe are ideal for jacket production. There is plenty of space and we have developed a streamlined production setup giving us the flexibility needed for these challenging types of project. At Lindoe, we can act fast if something unforeseen should occur.

## About the project

The fabrication of the Wikinger project began in spring 2015 at our Lindoe facilities. The jacket foundations with a weight of approximately 650 tons each and a footprint of 23x23 metres are installed in water depths of up to 42 metres. The Wikinger Offshore Wind Farm consists of 70 wind turbines with a total capacity of 350 MW. The location is in the German EEZ of the Baltic Sea, 35 km from the island of Rügen and near the maritime borders between Germany, Denmark, Sweden and Poland.

## FACTS

- **Client:** Iberdrola
- **Contract:** PC
- **Project capacity:** 350 MW
- **Fabrication start:** March 2015
- **Commissioning:** 2016
- **Number of turbines:** 70
- **Foundations by Bladt:** 41
- **Footprint:** 23 x 23 metres
- **Total weight:** Approx. 600 tons
- **Total height:** 62 metres
- **Location:** German EEZ of the Baltic Sea
- **Distance to shore:** 35 km from Rügen
- **Water depth:** 39-42 metres

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