



# Northwind

## 18 months from contract to installation

The Northwind-project started in January 2012 as Bladt Industries and Semco Maritime started the process of designing and fabricating the substation. The specified requirements along with Belgian regulations had to be considered in the design and structure. Every little detail counts and our primary goal was – as always - to deliver a quality product that would meet our client's expectations. Only 18 months after the project was initiated, the substation was installed in its destination in Belgium.

## Every detail counts

When creating a turnkey substation solution, it is important to have a base of trustworthy suppliers that deliver on time and in the right quality. Every little detail counts and to be able to meet the requirements of our client as well as the high standards of sub-sea constructions, it is crucial that we stay one step ahead to avoid delays and to always ensure perfect quality in the final product.

## Together we are stronger

Bladt Industries is responsible for the construction of steel structures for all substations, while Semco Maritime is facilitating the production of LV electrical works, including E&I, design, onshore construction and offshore commissioning.

“ As senior project manager, it is my job to constantly be aware of what is going on, keep track of the process and make sure that all components live up to our high standards. This was even more so important in the case of Northwind, where we had the job of creating a turnkey solution. Although we have experience with all parts of an EPCI-contract, this was our first turnkey solution and it was exciting to have the possibility of seeing the idea come to life – from design to production and from production to installation. ”

**Poul Riskjær, Senior Project Manager,  
Bladt Industries**

## FACTS

- Client: Northwind Offshore Energy
- Contract: EPCI
- Project capacity: 216 MW
- Firm order: January 2012
- Installation year: 2013
- Number of turbines: 72
- Location: Band zonder naam/  
Lodewijkbank, Belgium
- Weight of substation: 1,200 tons
- Distance to shore: 37 km
- Water depth: 16 - 29 meters



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*THERE IS ONLY ONE CHOICE  
- ASK US WHY*



*The strong partnership between Bladt Industries and Semco Maritime was formed more than 15 years ago. Together we have delivered 19 complete offshore substations which makes us global leaders in this field. Our strong competences and yearlong offshore experience is your guarantee for high quality solutions delivered on time and budget.*