



BELGIUM NOBELWIND

OUR REFERENCE IN THE EPCI WIND MARKET

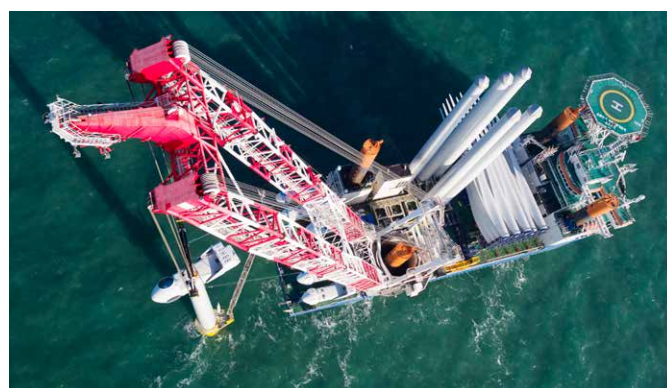
Jan De Nul Group installed the wind park Nobelwind, located 47 km off the Belgian coast on the Bligh Bank sandbank in the North Sea.

Design, construction and installation of 51 foundations and 50 turbines: Jan De Nul Group did it all and within a tight schedule.

This beautiful project was at the same time the first job for the jack-up vessel *Vole au vent*. The vessel lifts itself out of the water, in this way it becomes a steady platform at sea and installs with its large crane –with a lifting capacity of 1,500 ton- both the foundations and the turbines. In this order: firstly, the 51 steel foundations were installed where up to 80m long monopiles were driven into the ground vertically through the scour rock layer installed by the *Simon Stevin*, up to a few meters above sea level. In order to complete the foundation, on top of that, the transition pieces were fixed with 84 bolts (of 25 kg each!) In the second phase, the *Vole au vent* itself installed the turbines.

A good preparation and a tight schedule in combination with high quality controls contributed to the precise and timely completion of the wind park. From now on, 186,000 families may benefit from green electricity by means of the total package tailored to their needs and delivered by Jan De Nul Group. The future.

Country	Belgium
Scope	The offshore wind farm, Bligh Bank 2 (also known as Nobelwind OWF or Belwind 2 OWF) was installed 46 km off the coast at Zeebrugge. It consists of 50 Vestas wind turbines of 3.3 MW each, 165 MW in total. The wind park has been connected to the Belgian power grid through an export cable previously installed by Jan De Nul. The works included the design, technical realisation, purchase, production and installation of monopiles (MP) and transition pieces (TP) as well as the purchase and installation of erosion protection and the transport and installation of the wind turbine generators (WTG).
Client	Nobelwind NV
Contractor's role	Main EPC Contractor
Period	01.04.2016 - 19.10.2017



JAN DE NUL NV

Tragel 60 | 9308 Hofstade-Aalst | Belgium

T +32 53 73 17 11 F +32 53 78 17 60

JAN DE NUL GROUP (SOFIDRA SA)

Luxembourg

info@jandenulgroup.com | www.jandenul.com

