



# NORTHER OFFSHORE WIND FARM

**CLIENT** | VAN OORD

**VESSEL** | CLV NEXUS

## EQUIPMENT PROVIDED

- 4750Te Basket Carousel
- Loading Tower c/w 5Te Spooling Tensioner
- 15Te Tensioner – Quayside
- 4m MBR Chute – Quayside
- Cable Highway Rollers

## PRODUCT DETAILS

- HVAC EXPORT CABLES – 29KM, 261MM OD, 112 KG/M

## PROJECT OVERVIEW

Swan Hunter were awarded a contract for onshore storage of HVAC Offshore Wind Export Cable for the Norther Offshore Windfarm in Belgian North Sea Sector.

The newly completed Swan Hunter Storage & Spooling Yard and 4750Te capacity Basket Carousel combined with Loading Tower provided the optimum combination for the client's requirement for cable storage and spooling capacity.



**Van Oord**   
Marine ingenuity

#### SWAN HUNTER'S SCOPE OF WORK

- Cable Storage Yard & Services
- Provision of 4750Te Onshore Basket Carousel
- Provision of Loading Tower c/w 5Te Spooling Tensioner
- Provision of 15Te Tensioner – Quayside
- Provision of 4m MBR Chute - Quayside
- Cable Highway Roller Trackways
- Equipment Operators
- Mobilisation, Operational, and Engineering Support
- Cable handling and spooling catenary analysis

#### EQUIPMENT DESIGN SOLUTIONS

Several specific design features were utilised to allow for an efficient equipment mobilisation and commissioning period, and to ensure product integrity:

- Modular tower structure with unique design moveable by SPMT allowed for prompt assembly of main component parts on-site.
- Low profile, high storage capacity onshore basket carousel, designed, fabricated and commissioned in short timescale prior to spooling operations.

[www.swanhunter.com](http://www.swanhunter.com)

+44 (0) 191 295 0295

[info@swanhunter.com](mailto:info@swanhunter.com) 