



# PORT OF DEN HELDER

**THE IDEAL STRATEGIC LOCATION FOR OPERATION & MAINTENANCE FOR OFFSHORE WIND**



## THE OFFSHORE ENERGY HUB AT THE NORTH SEA

Port of Den Helder, together with Den Helder Airport jointly facilitate the largest offshore hub of the Netherlands. Den Helder is centrally located at the heart of the Offshore Wind Locations in the North Sea, not only for the Dutch windfarms but also for UK, Danish and German Far Large Offshore Wind farms. Over the years, thanks to an almost unbeatable combination of a port with direct and sheltered access to the North Sea and one of the largest heliports of North-West Europe, Den Helder has succeeded in transforming itself into a leading service and knowledge centre for the offshore energy industry.

## OPTIMIZED LOGISTIC SUPPLY CHAIN

A very efficient supply chain for offshore maritime activities has established itself in the North Holland North region, and has become a superbly organised logistics, operations and maintenance hub. For over 40 years this supply chain has developed itself to an efficient chain with all necessary companies located in or nearby Den Helder. This complete supply chain including knowledge institutes, together with its strategic location and infrastructure, has resulted in many cost efficient logistic operations in the offshore sector reducing all over operational expenditure.

## NEW PORT DEVELOPMENTS

New triple-A sheltered locations called Marsdiep Quay and Paleis Quay extension will be made available for offshore logistic activities. These areas have direct access to sea without having to pass locks or bridges. Both quaysides provide berth to large heavy transport and crane vessels, cable laying vessels, seismic vessels, lift boats and wind turbine installation vessels (WIV). This development can be tailor made built up completely to clients own specifications as private owned area.

*"We have the ambition to become a major player in Offshore Wind Operation & Maintenance with a dedicated Offshore Wind O&M hub with ro-ro- and heavy lift quay side"*

**Jacoba Bolderheij – CEO**

## UNIQUE HUB FOR O&M FOR OFFSHORE WIND:

- Ideal pit-stop harbour for Operation & Maintenance, based on over 40 years of experience in offshore logistics
- Strategic position for offshore wind farms at the North Sea
- Complete supply chain available for Operations & Maintenance, including Customs agencies with bonded stores
- Immigration office available
- Direct sheltered deep water access with minimal tidal movements
- Unique ecosystem seaport and heliport
- Cost effective through rapid vessel handling and easy quick turn around times
- Unique knowledge environment with wind testing facilities such as ECN, the Royal Navy, Wageningen Research Institute and WMC.
- Air Logistic Centre (ALC): efficient flight planning
- Direct charters into Den Helder Airport from the main offshore centres



## OFFSHORE WIND THE NETHERLANDS:

Windfarm	NMi
Borssele I&II	96 NMi
Borssele III&IV	100 NMi
Hollandse Kust Zuid I&II	38 NMi
Hollandse Kust Zuid III &IV	51 NMi
Hollandse Kust Noord	17 NMi
Gemini, ten noorden van de Wadden	73 NMi
Hollandse Kust E (Helmveld)	22 NMi
Hollandse Kust D (Breeveertien)	32 NMi
Hollandse Kust CI (Westrijn)	50 NMi
Hollandse Kust CII	73 NMi
IJmuiden Ver	40 NMi
Doggersbank	155 NMi

## OFFSHORE WIND UNITED KINGDOM:

Windfarm	NMi
Dogger bank	155 NMi
East Anglia Three	74 NMi
East Anglia North trance East	72 NMi
East Anglia North trance 2	70 NMi
Hornsea Project Three	102 NMi

 40 min. flight for 80NM