

Welcome to Port of Oostende



Where maritime industry
meets research & development



MISSION

Port of Oostende wants to create maritime related economic growth to generate sustainable employment.

Port of Oostende **focuses** on continuity, growth and employment based on:

BLUE ECONOMY

CIRCULAR ECONOMY

BULK & PROJECT CARGO

CRUISES & FERRIES

THE FISHING INDUSTRY

These sectors will be further developed with two main principles in mind: prioritising **safety, health and environment** on the one hand and supporting **research and development** on the other hand.

Port of Oostende supports the industry:



BLUE ECONOMY

Port of Oostende aims to excel in Blue Growth by offering dedicated port facilities, efficient infrastructure, research and innovation partnerships and an extended business network to both national and international companies.



dedicated port facilities

efficient infrastructure

extended business network



Port of Oostende houses over 50 companies active in the offshore wind business forming a cluster.

Among others:



innovation partnerships



The **REBO offshore wind terminal** in the outer port of Port of Oostende has direct access to the open sea. REBO provides infrastructure and services for the **construction and operations & maintenance (o&m)** of the wind farms in the North Sea.

Berths for:

- **Installation Vessels**
- **SOVs (Service Operation Vessels)**
- **CTVs (Crew Transfer Vessels)**

www.reboostende.be



www.nemos.org



www.laminaria.be

Blue Accelerator is a unique maritime testing platform at sea, approximately 500 metres away from Port of Oostende. This **living lab** will enable innovation projects to be launched for various marine and maritime sectors in real life conditions at sea.

Nemos, a new generation of wave energy converters, is the first system that is tested at the Blue Accelerator.

Laminaria's wave energy converter (WEC) converts waves from all wave directions, heights and lengths at the same time. It is equipped with a unique storm protection system.

CIRCULAR ECONOMY

Port of Oostende is home to:

- several companies already active in the re-use of materials
- recycling businesses: metals, oil, soil, non-ferrometals, airplanes parts, ...
- an upcoming company cluster under development



AIM RECYCLING EUROPE N.V
turns metals into a
re-usable resource

RENASCI, waste processing
without residual waste
(operational as from 2020 on)

BIOPOWER operates state-of-the-art
biofuel power stations and storage
facilities in Oostende, Moeskroen and
Brugge. These recently installed plants
have been constructed using the best
available techniques.

BIOSTOOM Oostende produces green
electricity from residual waste from
pre-treated industrial waste or household
waste.



multimodal transport possibilities

The industrial area of Plassendale has multimodal transport possibilities:

- road, via the international motorway A10 - A40 at less than 1 km
- ship, via the Oostende - Gent Canal for inland vessels up to 1350 ton and coasters up to 3500 ton
- rail, with a rail bridge over the canal connected to a network of tracks and a multimodal railway platform.

warehousing

- different companies offering warehouse facilities
- own warehousing can be constructed or leased

logistics

- several logistic companies are located in or nearby the port area
- all kinds of transport can be offered

CHEMICAL

chemical industry

- seveso area in the port
- sharing utilities possible
- clustering of several chemical companies
- space available for expansion



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OSTEND SCIENCE PARK

OSTEND SCIENCE PARK is a business park under development for international companies active in the Blue Economy, with special attention to **Research and Development**.

www.ostendsciencepark.be



GREENBRIDGE is an innovation and incubation center located in the science park of Ghent University in Oostende.

Near the Oudenburg exit and with its large parking area it lends itself perfectly for seminars, networking events, meetings, workshops...

GreenBridge is a unique location surrounded by greenery. With its open spaces, it offers plenty of possibilities.

www.greenbridge.be

RESEARCH AND DEVELOPMENT

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A NEW MARITIME RESEARCH CENTER

A 2-in-1 complex with a large towing tank and a coastal and ocean basin will be operational by 2021 in the port area of Oostende (Plassendale 1).

Teams of scientists and industrialists will conduct groundbreaking research on the influence of waves, tides and wind on ships and objects in the sea.

This center will be of great value for scientific research in Flanders and will generate international business. It offers opportunities for large and small companies to further develop themselves in this area.

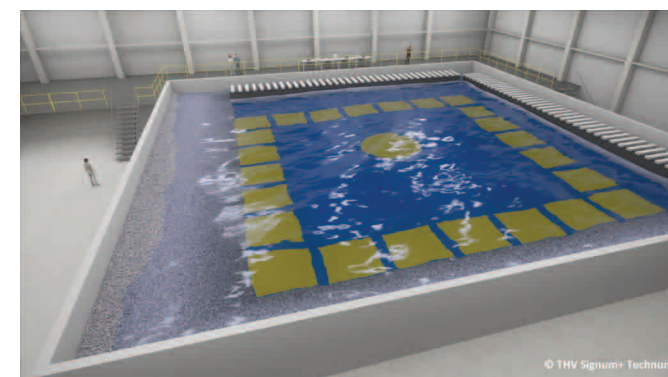


Towing tank

L 174 m — W 20 m — D 1 m

Ship hulls and ship maneuvers are tested in realistic conditions in the towing tank.

Ship models up to 8 meters long are towed through the tank. In this way the maneuvering behavior of real ships can be tested.



Ocean basin

L 30 m — W 30 m — D 1,5 m

Controlled currents, waves and wind can be generated in the golf basin.

Scale models of coastal protection installations, offshore structures, wave and tidal converters or wind turbines are tested in all possible circumstances.





sand



wood



lock Demey



ferrosilicium

BULK & PROJECT CARGO

Port of Oostende is a main hub for sand and gravel distribution used in the construction business. Another bulk business is related to base & specialty chemicals.

Port of Oostende is an excellent location for temporary and repeated project cargo.

Situated in the far end of the outer port, the *Diepwaterkaai* (length 380 m) and the *Cockerillkaai* (length 320 m) are equipped to handle bulk traffic and general cargo.

The *Demey lock* (length 124 m, width 17.5 m) gives way to two inner docks, *Vlotdok* and *Houtdok* (depth 6 m). Those docks are equipped with all necessary facilities.

A rail track runs on the eastern quayside of the *Houtdok*, making direct transfer from ship to rail possible.

As the docks are connected to the inland waterways, they are easily accessible for barges.



project cargo

CRUISE



cruise ship Le Boréal



cruise ship The World



cruise ship The Voyager

Oostende is a medium-sized Belgian city, which has all the **assets of a large town**.

Oostende is also home to an **international freight and passenger airport**.

Port of Oostende welcomes some **20 cruises** every year. There is an ideal connection with the hinterland by plane, by highway and by train.

The **cruise berth** has direct access to the renovated train station in the city centre.

FERRY



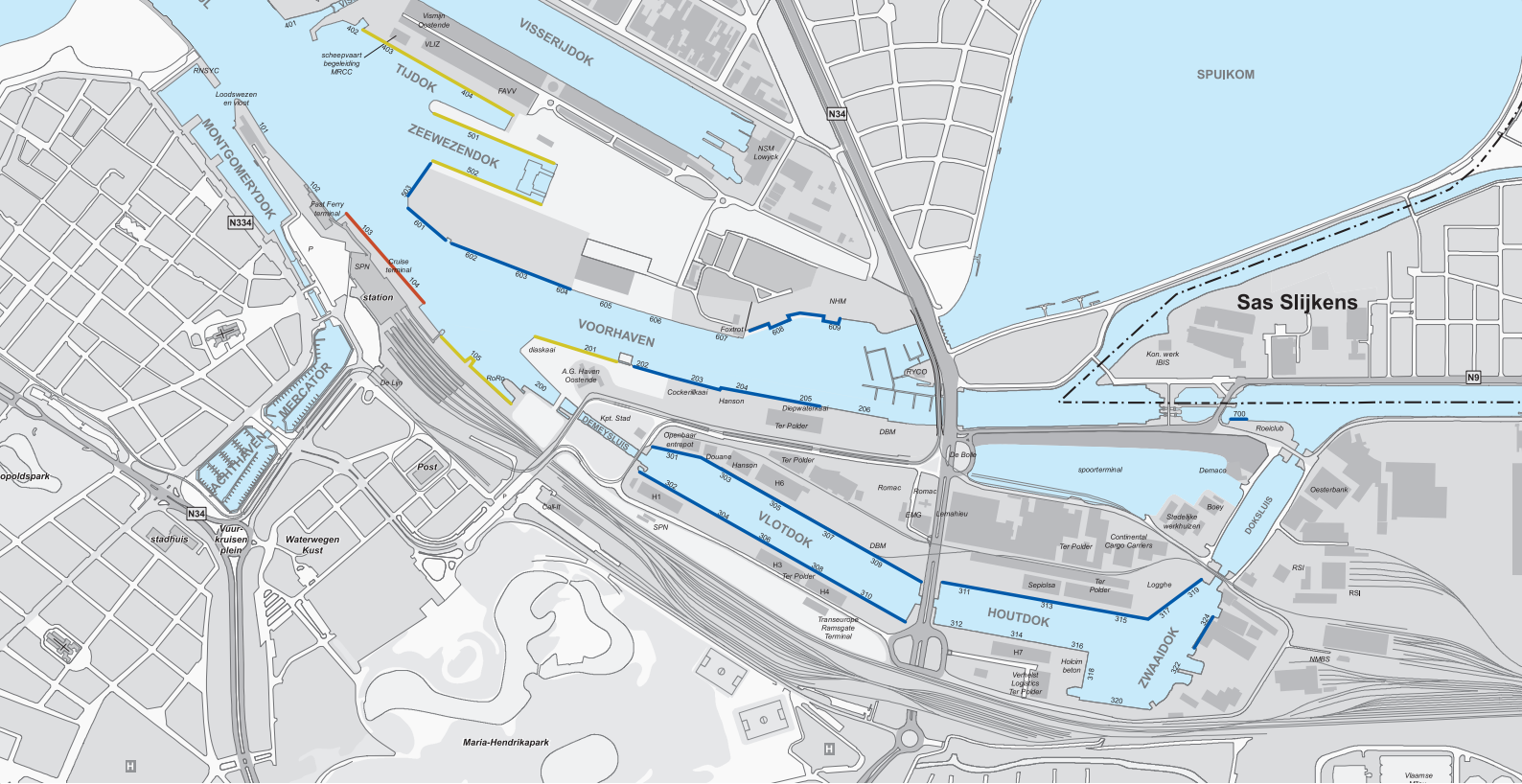
5 berths for RORO

All RORO sites have **immediate access** to the main road network in Oostende. The port area and terminals are connected to the international motorway E40 - A10 (less than 1 km).

Following **RORO infrastructure** is available:

- 5 berths:
including 2 double decks & 1 side loader
- 10 ha of parking

MARITIME ACCESS PORT OF OOSTENDE



Berth details

	RORO				PROJECT CARGO & BULK				
BERTH	105	501 & 502	404	201	202 - 205	301 - 324	503	607 - 609	700 - 795
depth	7 m	8 m	8 m	8 m	7 m	6 m	7 m	6 m	5.1 m
length	170 m	180 m	180 m	160 m					
width	6.5 m	7.05 m	9 m	7.05 m					
loading capacity	270 t	180 t	180 t	140 t			20 t /m²		
linkspan	double deck	2	1	double deck					
# pontoons	1	2	1	1					
side-loader	1								
max. length of vessel	170 m	180 m	200 m	190 m	180 m	120 m	100 m	180 m	110 m

General access to the port

easy access by

road

— direct connection to highway (A10/E40)

— 110 km from Brussels

— no traffic jams

airplane / helicopter

— 8 km from Ostend - Bruges International Airport

inland waterways

— connection with waterway Oostende - Brugge Canal

railway

— railway to terminal

Port of Oostende

is situated in Europe's **busiest maritime area** 51°14' N - 2° 56' E, is a versatile short sea port and accommodates **all types of coastal maritime traffic**:

- > offshore installation & service vessels
- > cruises
- > RORO
- > bulk
- > project cargo

Approach from open sea to port by leading lights

- 1-2 alignment 143° indicated by leading lights
3. access for vessels up to 200 m length entrance = 130 m wide at -8.4 m LAT
4. turning basin with a diameter of 300 m

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Port of Oostende

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