Port of Antwerp-Bruges International

Mozambican ports as drivers for sustainable supply chain & corridor development

**24**<sup>th</sup> of July, 2025 *Beira* 









A global port in the heart of Europe

## **Port of Antwerp-Bruges**

### Main gateway to Europe



Largest car handling port in Europe

> 3,000,000 cars/year



Largest **petrochemical cluster** in Europe



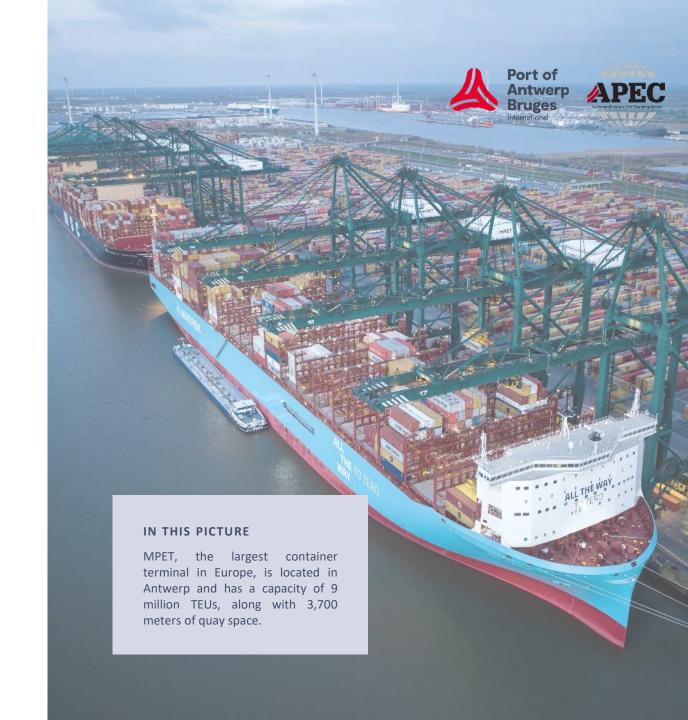
Frontrunner in the **energy transition** 



Driver of **Economic growth** (4.5% GDP contribution)

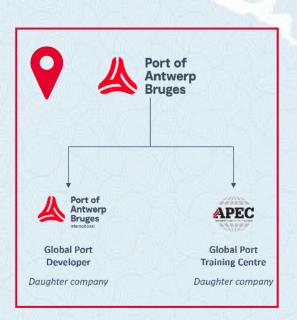


**Total annual throughput** of +- 300 million tonnes

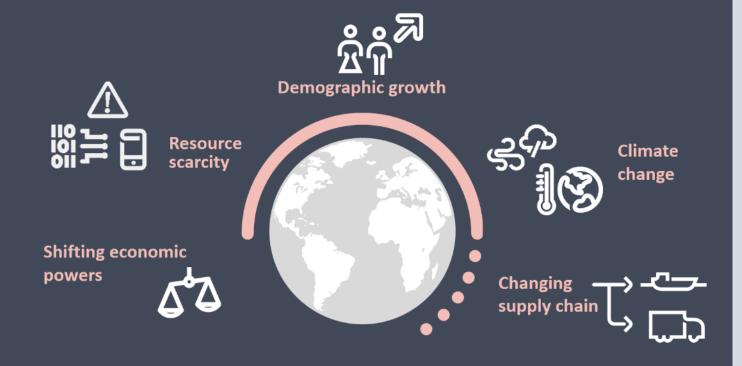


## **Port of Antwerp-Bruges**

A global port in the heart of Europe



## Disruptive global drivers



## **Trends**

**Sustainability** 



**Transition** 



**Technology** 



Collaboration







## **Port of Antwerp-Bruges**

## A global port in the heart of Europe



#### Belgian Port Authority 💡



Port authority managing the Port of Antwerp-Bruges, the main gateway to Europe



#### Global Port Developer

Advisory and investment division of Port of Antwerp-Bruges, focusing on global port development



#### Global Port Training Centre

APEC is a global port training centre, transferring port knowledge and expertise since 1977



#### Major Port in the Heart of Europe

Port of Antwerp-Bruges, the second-largest petrochemical cluster in the world, achieved a total cargo throughput of 278 million tonnes in 2024 and handled 13.5 million TEUs.

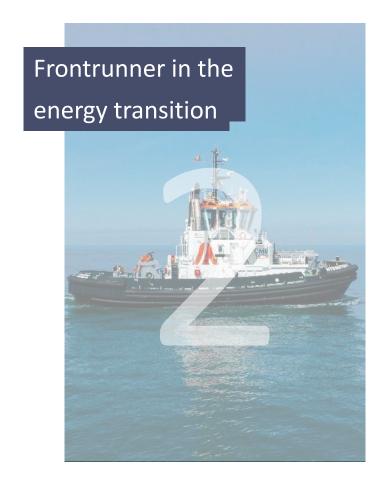
## **Port of Antwerp-Bruges International**





## Reconciling people, planet and profit





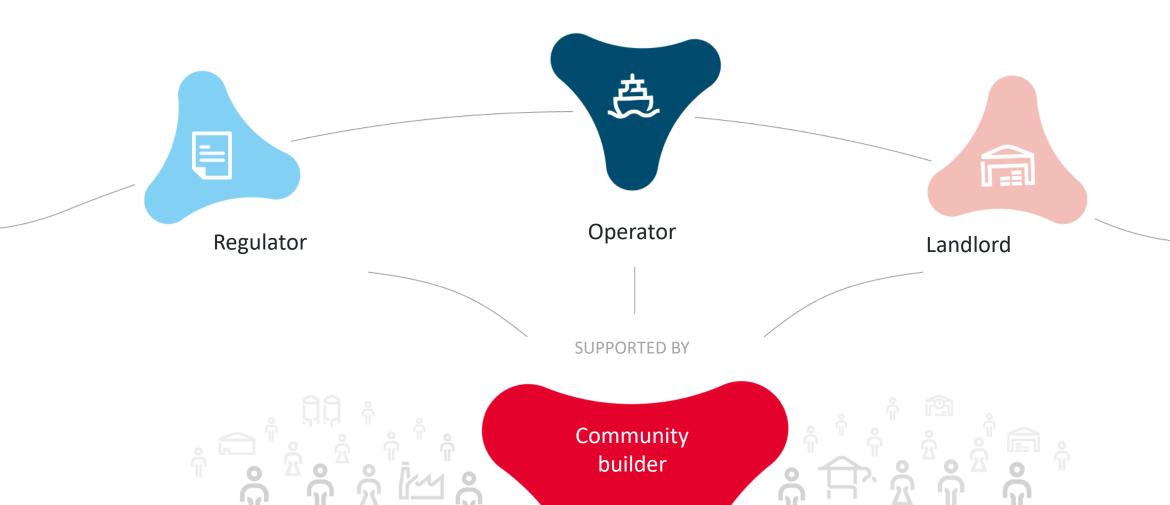


## Port of Antwerp-Bruges as lever for a global hydrogen supply chain





## Embracing your role in shaping the port platform





## The potential of the Mozambican ports





## Sustainable supply chains and corridors

- 1. Mozambican ports as regional gateways
- 2. Mozambican ports embracing **digitization** and **multimodality** (*rail,road, cabotage*)
- 3. Mozambican ports adopting the **supply chain approach.**
- 4. Mozambican ports as hubs for **VAL and industrialization.**
- 5. Mozambican ports as drivers for the **energy transition.**



=> Mozambican ports as a **catalysts for growth** through creation of sustainable supply chains and corridors.

Port of Antwerp-Bruges International

Joint Venture areholders' Agreement

between

Port of Antwerp-Bruges International (PoABI)





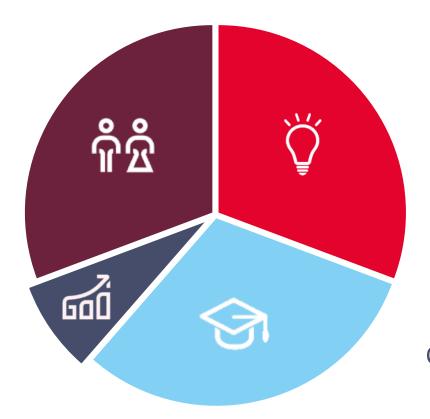
## Partnership for the Win





## Together towards sustainable port development

Port management
Structural on-site support



Advisory

Analysis & Implementation

InvestmentStrategic partnership

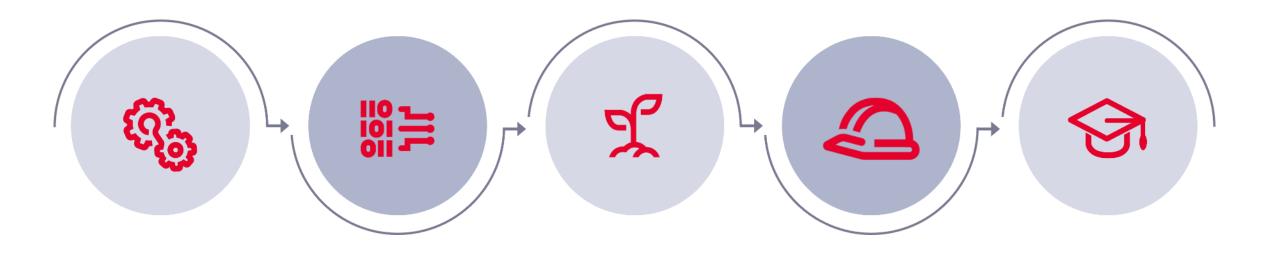
Training programmes Open enrolment & Tailor-made

## **Solutions**





## Working across the entire supply chain



APEC
Antwerp/Flanders
Port Training
Center



- Yearly standard seminars
- Tailor made seminars
- Lecturing abroad
- Study visits









1977
More than 45 years of experience

+150
Countries

+21.000 Alumni

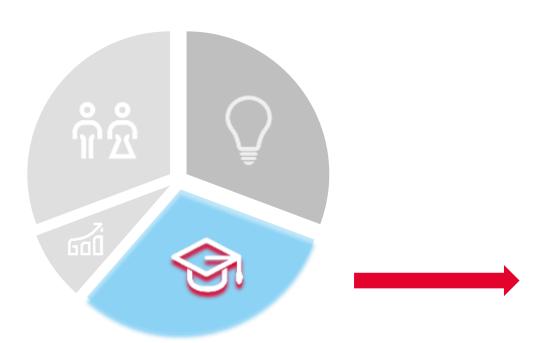






Local training institutes in China & India And more coming in Africa, Latam, etc.

## **APEC**



#### **Training solutions**

Open programmes

&

**Tailor-made solutions** 





#### 2025 Open-enrollment programme

- Port management & strategic masterplanning
- International Port Strategy
- Dredging technologies
- Supply Chain Management & Hinterland Connectivity
- Port Logistics
- Business Development
- Health, Safety, Security
- Container Terminal Management
- Trending:

Energy Transition – A port's perspective

Full information on apecporttraining.com

## **APEC**

#### A SMART PORT CONNECTING SMART PEOPLE



Annual Port Courses

A range of different port courses on open enrollment



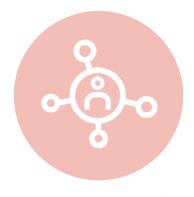
Tailor made courses

Tailored programmes, Crafted to meet your talent developing



Training Assessment

Defining talent developing challenges, Delivering Tailored Solutions



**Training Tools** 

Empowering learning with innovative training tools



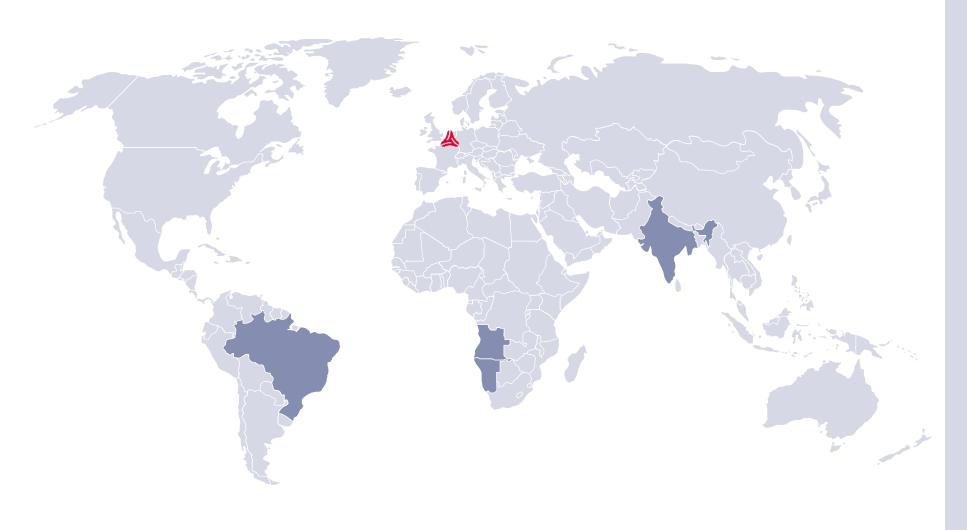
**APEC Connect** 

Stay connected, Grow together



## **Global Port Network**

## Delivering value through know-how, network and brand







#### What we **offer**

- Know-how
- Network
- Brand

#### How we contribute

- Enable and derisk infrastructure projects
- Mitigate political risk
- Improve technical reliability
- Strengthen credibility with both investors and customers

# Sharing knowledge and expertise worldwide **Projects & partnerships** PAPEC LUMIC PORT AUTONOME PORTO DO AÇU

## **Oman - Port of Duqm**



50/50 JV: Belgian consortium | Oman National logistics company



Develop | Manage | Train | Operate | Promote



Port of Duqm as **logistics hub** for the largest Special Economic Zone of Oman and gateway to Saudi market



SEZ focusing on **industrial diversification** with **green energy** potential: confirmed investments of H2 and green steel, with potential for larger cluster development



Close to new mineral-rich areas, O&G concessions



World class port infrastructure with deep draft of -18m



## **Brasil - Port of Açu**



POABI as a **minority shareholder**, with management, consultancy and training programmes



**2nd largest port** in Brazil - First 100% private port complex in Brazil



Large industrial land available at a strategic location serving a region representing 54% of Brazilian GDP



**ESG frontrunner** with Ecoports certificate and winner of World Ports Sustainability Award



**Energy hub** with focus on green: 14 projects totalling 33GW of offshore wind being licensed and ongoing partnerships for Hydrogen development from 10-100MW with R&D scope







**Shareholder** with Perak state (PKNP) in LuMIC Development Maritime and Industrial City in LUMUT

Management and Port development

Supported by the **EU Global Gateway** Initiative





## **Tanzania- TPA Strategic partnership**





## Capacity building programme to co-create TPA's long term strategy





#### Strategic partnership

- Duration: 40 months
- Capacity building programme through:
  - Strategic Reform Unit
  - Consultancy
  - Training

#### **Strategic Reform Unit**

Experts within the TPA team on:

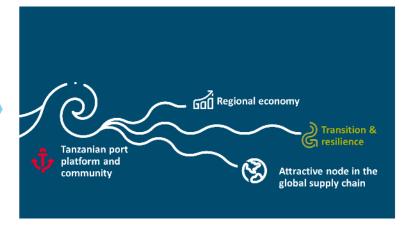
- Port strategy
- Port operational excellence

#### **Training**

- Capacity building for blue and white collar workforce
- Development of Bandari College

#### Consultancy

Specific expertise within the POABI team in view of the development and implementation of TPA's Long Term Strategy







## Namibia – Walvis bay

#### Green molecule hub





## Walvis Bay as a hub for green energy in the Central Region

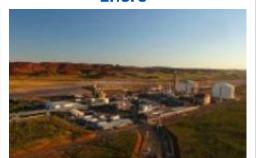
#### Vision for Namibia's hydrogen pipeline three green valleys Export port Desalination plant Railways Northern Region Hybrid renewable production (solar PV + onshore wind) will feed electrolysis plant and ammonia production near the new Southern Region port facility Hybrid renewable production (solar PV + onshore wind) will feed electrolysis and derivative plants for export from Luderitz synfuels export port connected by a nydrogen pipeline Confirmed pilot projects in Central Region Project 1: Green Hydrogen Applications in the Port **Central Region** Project 2: Hydrogen-Diesel Dual Fuel Locomotive Pilot Solar PV power Project Proposal for Namibia production with Project 3: Daure Green Hydrogen - agriculture electrolysis, ammonia Project 4: hydrogen-Pilot Plant / Refueling Station in and terminal for synfuels for export from Walvis Bay port; hydrogen can be also used domestically for trains, agriculture, and export





#### zhero





#### PARTNERSHIP NAMPORT | POABI

• Co-development of Walvis Bay

#### **GLOBAL GATEWAY**

- High level development framework
- Green hydrogen roadmap





## Namibia – Walvis bay





## **Green molecule hub**



Walvis Bay, the gateway for Namibia's green industrialisation







#### 12 Global Gateway priority corridors

1. Abidjan-Lagos West Africa: Côte d'Ivoire, Ghana, Togo, Benin, Nigeria

#### 2. Abidjan-Ouagadougou

West Africa: Côte d'Ivoire, Burkina Faso

#### 3. Dakar-Abidian

West Africa: Senegal, Gambia, Guinea-Bissau, Guinea, Sierra Leone, Liberia, Côte d'Ivoire. Cabo Verde

#### 4. Cotonou-Niamey

West Africa: Benin, Niger

#### 5. Libreville-Kribi-Douala-N'Djamena

Central Africa: Gabon, Equatorial Guinea, Cameroon, Chad, São Tomé and Príncipe

#### 6. Douala-Kribi-Kampala

Central Africa: Cameroon, Central African Republic, Democratic Republic of the Congo, Uganda

#### 7. Dar es Salaam-Nairobi-Addis Ababa-Berbera-Djibouti

East Africa: Tanzania, Kenya, Ethiopia, Somalia, Diibouti

#### 8. Mombasa-Kisangani

East Africa: Kenya, Uganda, Rwanda, Democratic Republic of the Congo

#### 9. Maputo-Gaborone-Walvis Bay

Southern Africa: Mozambique, South Africa, Eswatini, Botswana, Namibia

#### 10. Durban-Lusaka-Lubumbashi

Southern Africa: South Africa, Botswana, Zimbabwe, Zambia

#### 11. Cairo-Khartoum-Juba-Kampala

North and East Africa: Egypt, Soudan, South Sudan, Uganda

#### 12. Lobito-Kolwezi-Lubumbashi/Solwezi-Ndola

Southern and Central Africa: Angola, Democratic Republic of the Congo, Zambia









#### THE GLOBAL GATEWAY

Connecting goods, people and services around the world in a sustainable way



Through a Team Europe approach



Global Gateway is Europe's offer to build more resilient connections with the world through investments and partnerships



Digital Networks and Infrastructures



Climate Resilience and Clean Energy

partnerships



Green Smart and Safe Transport

**KEY GUIDING** 

**PRINCIPLES FOR** 



Systems and **Supply Chains** 



**High Quality** Education and Research

Democratic values and high standards

Good governance

and transparency



INVESTMENTS







Catalysing private sector investment



Security focused

Green and clean infrastructures

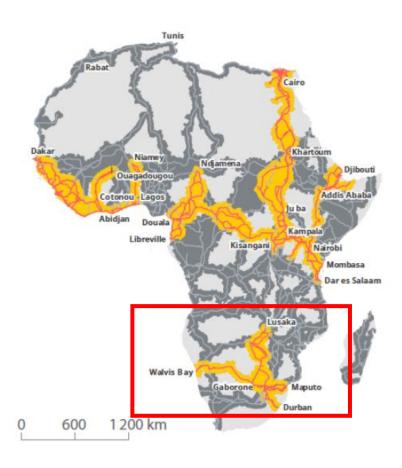
## Mozambique as a global gateway





## Ports as drivers of sustainable supply chain and corridor development

- Development of the Mozambican Corridors
- Value chains benefitting both Mozambique & Europe
  - Sustainable and LT collaboration creating prosperity
  - Locally value added logistics & Industrialization
- Boosting hinterland connectivity
  - Multimodal Connectivity
  - Enhancing green energy transition and lower emissions
  - TF: Smooth international transit flows



## Port growth and reform

## **Enabling forces**

The success of port reforms will however depend on a number of **key enabling processes**, to support the driving forces and strengthen the overall **functioning of gateways** for the East and Central African region.

- Multimodal hinterland connectivity
- Lake and dry port development
- Blue collar capacity building & training centers
- Port Security
- Health & Safety
- Environmental performance
- Sustainability
- Deepsea port analysis
- Etc.
- → Importance of international port collaboration!

**Count on PoABI** ©



## Always welcome to the Port House!





