

The Port of Antwerp

A general introduction

2016



Location



Agenda



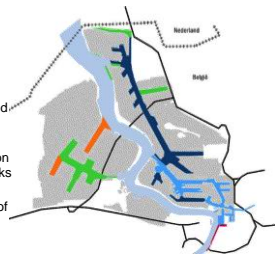
1. Development and organisation
2. World port
3. Cargo
4. Success factors
5. A port with a future



Development of the port



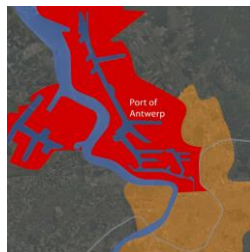
- River Scheldt
- Road infrastructure
- ▲ Border
- Port area
- Before the 19th century: Old river port
- 1811 – 1930: Renovation of old port and expansion to the north as far as the Van Cauwelaert lock
- 1951 – 1965: Marshall Plan, construction of the petroleum port and expansion of docks as far as the Dutch border
- 1970 – 2000: expansions until the turn of the century
- 2000 -: Recent developments



The Port of Antwerp today



- Total area: 12,068ha
- Quay length: 172 km
- Railway: 1,061 km
- Roads: 430 km
- Covered storage space: 610 ha



Organisation in the Port of Antwerp



The Antwerp Port Authority is an autonomous body, managing

- ✓ Infrastructure:
 - docks
 - bridges
 - locks
 - quays
 - land
- ✓ Vessel traffic in the port
- ✓ Trade facilitation
- ✓ Marketing & branding activities



Organisation in the Port of Antwerp



The private companies manage superstructure and operate the terminals:

- terminals
- cranes
- equipment
- warehouses



Collaboration between public & private companies



Alfaport – Federation of Port Companies and Logistic Service Providers :

- ABAS: Association of Antwerp master stevedores and port operators
- ASV: The Antwerp Shipping Association
- BRV: The Belgian Shipowners' association
- VEA: Antwerp freight forwarding and logistics association
- KVBG: Royal association of traffic flow controllers



Economic engine



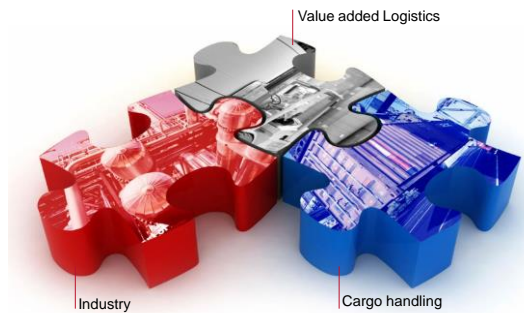
- Added value: 18.9 billion euros (in 2013)
= 8.3% of Flemish GDP
= 4.8% of Belgian GDP

- Employment: 149.714 jobs (FTE in 2012)
= 61,496 direct + 88,218 indirect



Source: National Bank of Belgium, 2015.

Realising unique synergies



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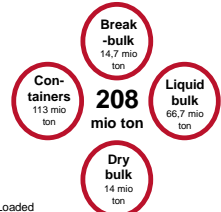
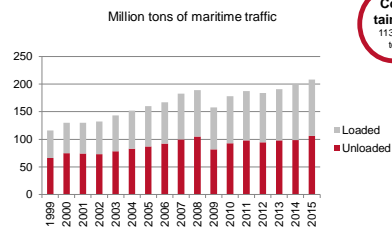


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The Port in numbers



2nd European port
1. Rotterdam
2. Antwerpen
3. Hamburg



Balanced import and export flows

Agenda

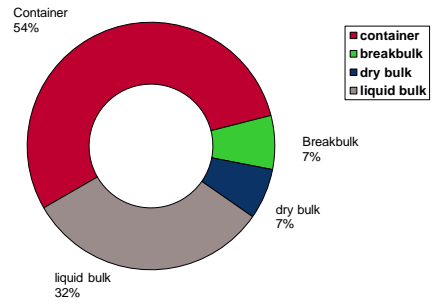


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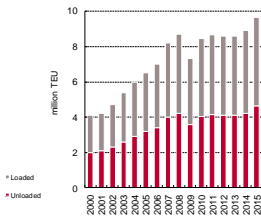
Maritime cargo transport 2015



Containers 2015



Total volume: 9,6 million TEU



Containers capacity



- Total capacity/year: 15 million TEU
- accessible for world's largest container vessels of +19.000 TEU
- state-of-the-art automated installations
- highest handling productivity in Europe: up to 40 moves/hour/crane



MSC Zoë, 19,224 TEU
July 2015

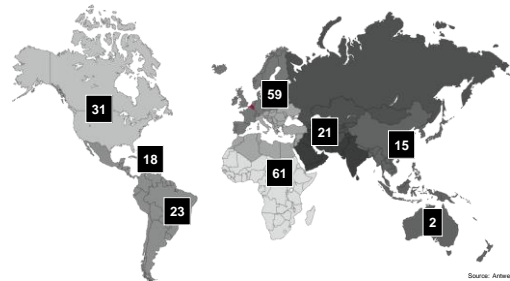
Breakbulk in the Port of Antwerp



- Steel & non-ferrous metals
- Fruit
- Rolling stock
- Forest products
- Project cargo
- Coffee



Largest concentration of regular breakbulk sailings of any European port



230 breakbulk-sailings per month

➔ Global consolidation hub

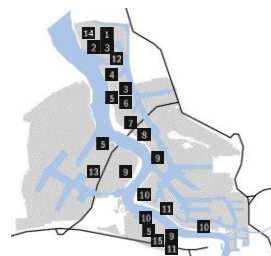
Source: Antwerp Port Authority 2014

Antwerp, largest European petrochemical cluster



Presence of all major chemical companies

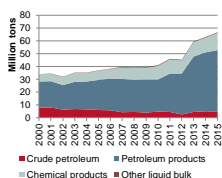
- 1 BASF
- 2 Air Liquide
- 3 Solvay
- 4 IBR(part of Gunvor)
- 5 Ineos
- 6 Monsanto
- 7 Evonik Degussa Antwerp
- 8 Covestro
- 9 Lanxess
- 10 Total (Refinery + Petrochemicals)
- 11 ExxonMobil (Refinery + Petrochemicals)
- 12 Eurochem
- 13 Borealis
- 14 Dow
- 15 Praxair



40 % of Port Area is permitted under SEVESO = 52 km²
 BASF Ludwigshafen = 10 km²
 BASF Antwerp = 6 km²

Limited list

Evolution liquid bulk segment



Integrated model:

- * refineries
- * steam crackers
- * independent tank storage
- * waste treatment
- * logistics

Source: Port of Antwerp statistics 2015



Dry bulk

- 13.8 million tonnes (2015)
- Ores, fertilisers, concentrates, cement, grain, malt, china clay, minerals, plastics, etc.
- Mainly imports from global origin: South Africa, Russia, Algeria, North America, etc.
- Added value services: conditioning, blending, grinding, ...



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Success factors

- 1 Widely connected to the worldwide foreland
- 2 Location in the heart of Europe
- 3 Appropriate storage solutions for each product
- 4 Excellent hinterland connections
- 5 Collaboration with hinterland hubs



1. Widely connected to the foreland



Direct services to 1300 ports worldwide

Deepsea

- Leader in container shipments on Middle East, North & Latin America, India, Africa (TEU)
- Largest concentration (230+) of regular breakbulk sailings per month

Shortsea / feeder

- Extensive shortsea and feeder network
- Nearly 50% of total maritime traffic
- Intercontinental transshipment hub

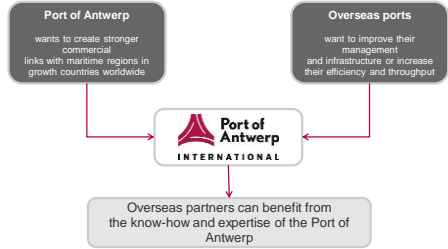


www.portofantwerp.com/en/connectivity

Port of Antwerp International



Subsidiary of the Antwerp Port Authority



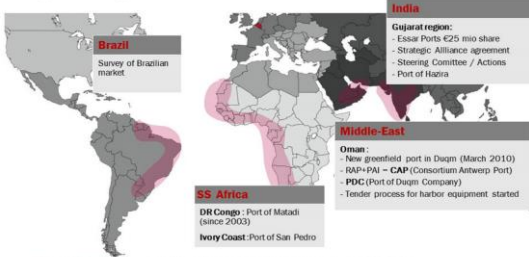
For more information : www.portofantwerp.com/en/port-antwerp-international-01 - pal@portofantwerp.com - tel. +32 3 229 73 73



Port of Antwerp International



Development of activities beyond Europe in strategic growth regions



For more information : www.portofantwerp.com/pai - pai@portofantwerp.com - tel. +32 3 229 73 73

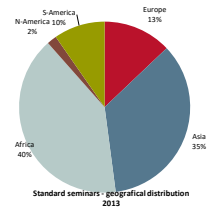
APEC-Antwerp/Flanders Port Training Center (APEC)



- 37 years experience in port training
- Close collaboration with port related authorities and experts in the field (public & private sector)
- 15 High-quality standard management seminars on port related topics:
 - Port management
 - Port security
 - IT & EDI in Port Business
 - ...
- in Antwerp and in Brazil
- Tailor made seminars and study visits in Antwerp/abroad (on request)
- In English or French
- Scholarships
- More information: www.portofantwerp.com/apec

...Port Friendship through Port Knowledge...

150 countries - 14.000 alumni



2. Location in the heart of Europe



- Antwerp is located in the heart of Europe
- The "banana" contains the main European centres of production and consumption
- 60% of the European purchasing power is within 500 km from Antwerp



Source: Cushman & Wakefield

3. Appropriate storage & distribution solutions for each product



- 6.1 million m² covered storage space
- cool and cold storage, hazardous goods warehouses etc.
- Added value services:
 - weighing
 - packing
 - quality control
 - labelling
 - stock management etc.



4. Excellent hinterland connections Road transport



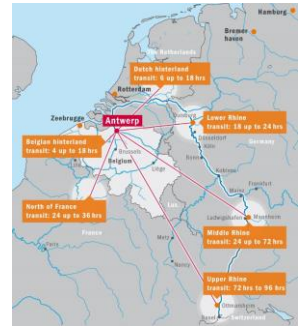
- The port is surrounded by highways
- Direct connection to surrounding countries
- Merely 40 km from Brussels, the European capital



4. Excellent hinterland connections Daily barge connections with EU hinterland



- 48 200 handled barges in 2014
- 925 barge calls per week to 350 destinations in Europe
- 85 barge operators frequently connected to the port of Antwerp
- 210 container shuttles per week to 85 destinations in 8 countries
- Daily departures by conventional barge and tanker to the European hinterland, in function of the availability of the goods
- All container barge sailings can be consulted on the Port of Antwerp Connectivity Platform:
www.portofantwerp.com/en/connectivity



4. Excellent hinterland connections Large variety of rail destinations



- Antwerp is located on a junction of international lines
- Each terminal is connected to the railway network
- 250 loaded cargo trains daily
- +150 regular shuttle services per week from Antwerp to 24 destinations in 8 countries
- Container rail services:
www.portofantwerp.com/en/connectivity



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Ambitious long term project for investments in infrastructure



1,6 billion euro in 15 years (up to 2025)

Projects completed:
Deepening of the river

Shorter term projects include:

- Rail tunnel connecting left and right bank
- Construction of a second lock on the left bank
- Development of logistics parks
- Dock renovation and investment
- Purchase of a trailing suction hopper dredger, new tugboats, dumb barges and a pusher barge

Long term project:

Development area 'Saeftinghe' of circa 940 ha

