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: 166 km
- Railway: 1,061 km
- Roads: 409 km
- Covered storage space: 610 ha
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
Economic engine

- Added value: 18.8 billion euros (in 2012)
  = 8.7% of Flemish GDP
  = 5.0% of Belgian GDP

- Employment: 146,265 jobs (FTE in 2012)
  = 60,873 direct + 85,392 indirect

Realising unique synergies

Value added Logistics

Industry

Cargo handling
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The Port in numbers

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

Break-bulk 14 mio ton
Liquid bulk 63 mio ton
Dry bulk 14 mio ton

Con-tainers 108 mio ton

Million tons of maritime traffic

Balanced import and export flows
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Maritime cargo transport 2014

- Container: 54%
- Breakbulk: 8%
- Dry bulk: 7%
- Liquid bulk: 31%
Containers 2014

Total volume: 9 million TEU
Containers capacity

- Total capacity/year:
  15 million TEU

- Accessible for world’s largest container vessels of + 18,000 TEU

- State-of-the-art automated installations

- Highest handling productivity in Europe: up to 40 moves/hour/crane

Mary Maersk, 18,270 TEU
October 2013
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

Source: Antwerp Port Authority 2014

Global consolidation hub
Antwerp, largest European petrochemical cluster
Liquid bulk traffic of oils and chemicals is fastest growing segment in the Port of Antwerp

**Liquid bulk: 62,8 mio tons (+5,6%)**
- Petroleum derivates: 46,1 mio tons (+6,8%)
- Chemicals: 11.4 mio tons (+1,5%)
- Crude oils: 5,0 mio tons (+6,5%)

- Integrated model:
  * refineries
  * steam crackers
  * independent tank storage
  * waste treatment
  * logistics

- Extensive pipeline network
Main Chemical Port of Europe: base load from Europe’s largest integrated oil and chemical cluster

1. BASF
2. Air Liquide
3. Solvay
4. IBR (part of Gunvor)
5. Ineos
6. Monsanto
7. Evonik Degussa Antwerp
8. Bayer
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
16 TANK STORAGE TERMINALS OFFER SOLUTIONS FOR VIRTUALLY EVERY KIND OF PRODUCT

1. ADPO nv
2. Antwerp Gas Terminal nv
3. Antwerp Terminal and Processing Company nv
4. ITC Rubis Terminal Antwerp nv
5. LBC Antwerp nv
6. LBC CEPSA Antwerp nv
7. Noord Natie Terminals nv
8. Oiltanking Stolthaven Antwerp nv
9. SEA-Tank Terminal Antwerp nv K300
10. SEA-Tank Terminal Antwerp nv K405
11. SEA-Tank Terminal nv K510
12. Vesta Terminal Antwerp nv
13. Vopak Terminal ACS
14. Vopak Terminal Eurotank
15. Vopak Terminal Linkeroever
16. ADPO LLH (Liefkenshoek Logistic Hub)

Liquid bulk terminals: 6,9 mio m³ storage capacity
Dry bulk

- 13.5 million tonnes (2014)
- 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 1400 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
- 45% of total maritime traffic
- Intercontinental transshipment hub

www.portofantwerp.com/en/connectivity
Port of Antwerp International

Subsidiary of the Antwerp Port Authority

Port of Antwerp

wants to create stronger commercial links with maritime regions in growth countries worldwide

Overseas ports

want to improve their management and infrastructure or increase their efficiency and throughput

Overseas partners can benefit from the know-how and expertise of the Port of Antwerp

For more information: www.portofantwerp.com/en/port-antwerp-international - pai@portofantwerp.com - tel. +32 3 229 73 73
Development of activities beyond Europe in strategic growth regions

**India**
- Gujarat region:
  - Essar Ports €25 mio share
  - Strategic Alliance agreement
  - Steering Committee / Actions
  - Port of Hazira

**Middle-East**
- Oman:
  - New greenfield port in Duqm (March 2010)
  - RAP+PAI = CAP (Consortium Antwerp Port)
  - PDC (Port of Duqm Company)
  - Tender process for harbor equipment started

**SS Africa**
- DR Congo: Port of Matadi (since 2003)
- Ivory Coast: Port of San Pedro

For more information: www.portofantwerp/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

Standard seminars - geographical distribution 2013
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
5. Collaboration with hinterland hubs

- Duisport Agency
- Port of Brussels
- Rail Terminal Chemelot (RTC), Geleen
- Beverdonk Container Terminal
- Logistics Platform Limburg
- Genk South
- Liege Port Authority
- Trilogiport, Liege
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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
• 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 1000 ha
Thank you for your attention!

Questions?

New Harbour House
Zaha Hadid Architects