

*coffee
dinner &
summit*



Port of Destination Port of Antwerp-Bruges

Excelling in Reception of Goods

*coffee
dinner &
summit*



Toon Pauwels

**CEO ILOMAR & MOLENBERGNATIE
@ PORT OF ANTWERP-BRUGES**

Realização:

Cecafé

são paulo, BRASIL, maio 2023

Toon Pauwels



Nowhere in the world is more coffee stored than at the Port of Antwerp

Friday 1 October is International Coffee Day. To mark the occasion our colleagues at VRT Radio Antwerp spoke to Kenneth Budts of the coffee broker Molenbergnatie. The Port of Antwerp is very important in the international coffee trade. Nowhere else in the world is more coffee stored than at Antwerp docks.

Fri 01 Oct 2021 13:38



Around 400,000 tonnes of coffee beans are stored at warehouses at the port. This is enough to make 43 billion cups of coffee. Kenneth Budts told VRT Radio 2 that Molenbergnatie is "the biggest coffee broker at the port and as such the biggest coffee broker in the world".

"Our warehouses are full of sacks of coffee from Vietnam, Brazil, Colombia and many other countries".

Distribution and logistics in Europe, Antwerp

- + 20 years of terminal management experience in Bulk, general cargo and Containers
- + 20 years of experience in leading logistics companies specialized in intermodal and value-added services

Present

CEO



- 350,000m2 warehouses in Antwerp and Barcelona
- Silo and blending center
- Own truck fleet and train assets in the group on each site



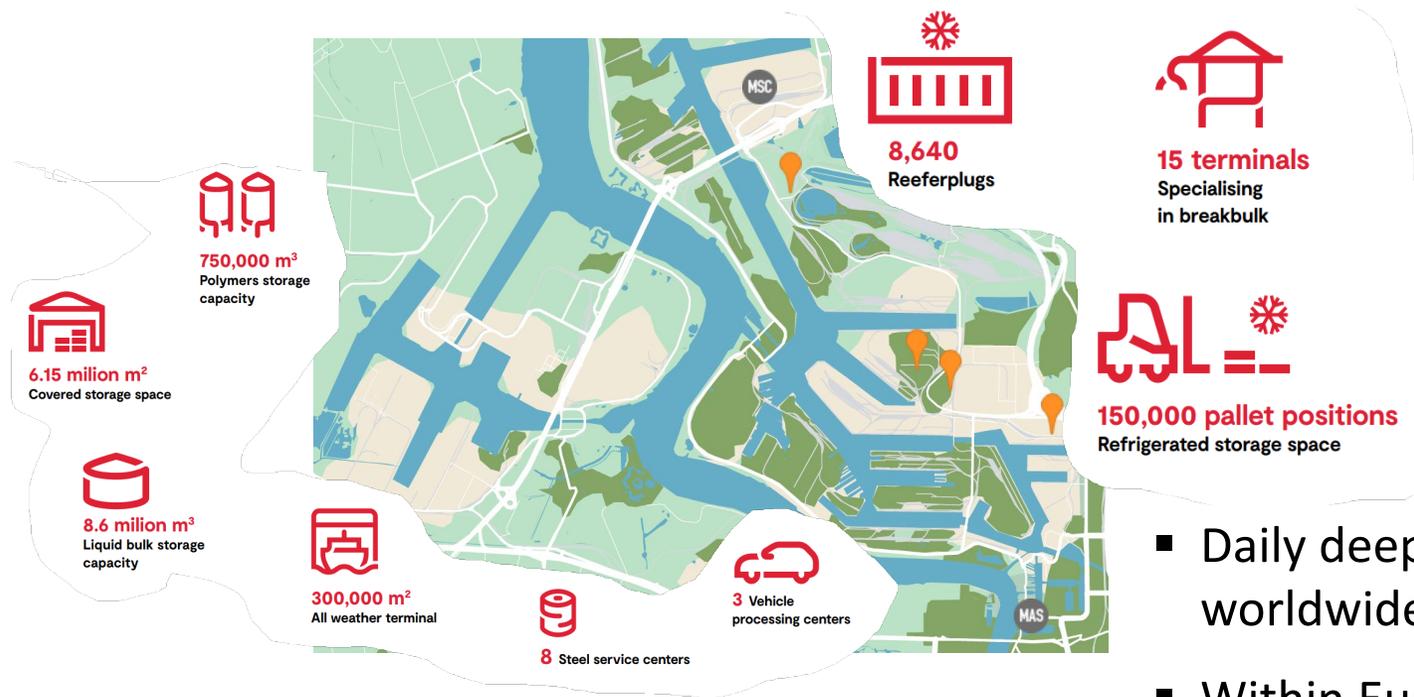
Coffee bags are unloaded piece by piece. Right: Coffee manager Dries Boon explains the semi-automatic unloading of bags of coffee beans. — © Robin Fasseur

Antwerp is the largest coffee port in Europe: "Here is one and a half cups of coffee for every citizen of the world"

Antwerp - The port of Antwerp is a European or world leader in many areas. But coffee? Yes. Antwerp is the largest coffee port in Europe because it stores most of the coffee. And the lion's share of that lies with market leader Molenbergnatie. The nation is a century and a half old, but innovator Nespresso chose it as its favorite warehouseman and practitioner. Because Molenbergnatie does more than make a cup of coffee.

Port of Antwerp-Bruges

Hotspot for agricultural commodities



PORT OF ANTWERP 2021

11,465 ha

OR 16,600 FOOTBALL FIELDS

1000

COMPANIES

62,781

DIRECT JOBS

€18,889,500.000

DIRECT AND INDIRECT
ADDED VALUE

4,1%

OF GDP

PORT OF ZEEBRUGGE 2021

2,857 ha

OR 4,220 FOOTBALL FIELDS

400

COMPANIES

9,825

DIRECT JOBS

€1,867,900.000

DIRECT AND INDIRECT
ADDED VALUE

0.4%

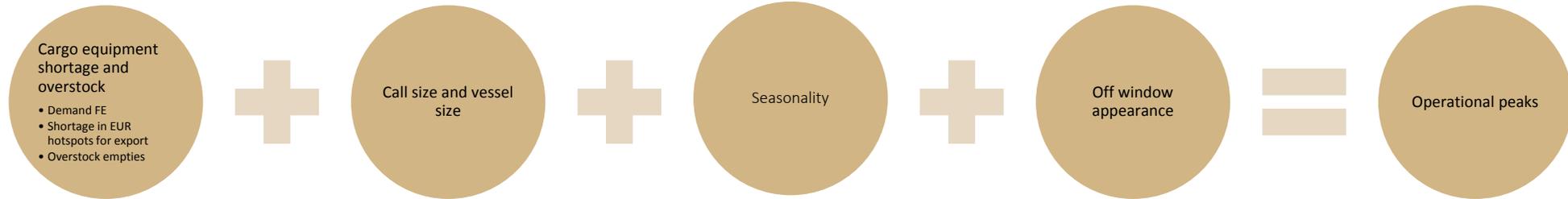
OF GDP

- Daily deepsea connections to over 800 destinations worldwide.
- Within Europe, you can even reach 60% of the consumers market within 24 hours.
- Warehouse capacity in the market
- Value-added services of any kind available

Logistical bottlenecks

Impacts in the sector caused by logistical bottlenecks

Overcapacity versus underutilisation



Port performance issues and congestion

Action plan:

- ➔ • Boosting evacuation from terminals in POAB
 - Push swift return of boxes
 - Intermodal strategy
-
- ➔ • Warehouse belt around the deep-sea terminals
 - Intermodal connections from there

Innovations and Investments in infrastructure, technology



A MULTIMODAL PORT Modal split and road transport

Whatever the product there is a **fast and efficient solution** for transport between the port of Antwerp and the European hinterland. There are various transport possibilities including shortsea, barge, rail, road transport and pipeline — all of which can moreover be combined.

HINTERLAND (LOCAL INDUSTRY INCLUDED)



34%
Road



7%
Rail



44%
Barge



15%
pipelines

” The central location of the port of Antwerp in the European road network makes it the fastest route to almost all consumers and industrial centres in Belgium, the Netherlands, Germany, France, Switzerland, Italy and to many other European destinations.

ANTWERP, DIRECT CONNECTIONS TO THE EUROPEAN ROAD NETWORK



DISTANCES TO PRODUCTION AND CONSUMPTION CENTRES (IN KM)

To	Antwerp	Hamburg	Le Havre	Rotterdam
Duisburg	179	378	615	223
Cologne	222	413	576	282
Ludwigshafen	424	570	729	502
Frankfurt	413	489	771	475
Munich	780	769	1008	842
Valenciennes	168	687	297	274
Lille	132	670	286	248
Paris	362	902	196	455
Strasbourg	491	701	683	593
Venlo	151	409	544	191
Geleen	128	468	501	212
Amsterdam	160	468	604	77
Basel	623	811	693	725

- Maritime port entry investment
- Terminal expansion:
 - docks
 - quay in Antwerp and Bruges
- Intermodal investment:
 - Rail Port as port facilitator for intramodality
 - Inland hubs connected to the POAB warehouses
 - Central barge planningstool
- Simplification of data trough “one stop shop” applications for releases, customs, pick up,...
- Port equalisation and shuttle



The import coffee hub

A MULTIMODAL PORT Barge and rail



” High flexibility in volume and type of cargo and frequent connections to major European markets.

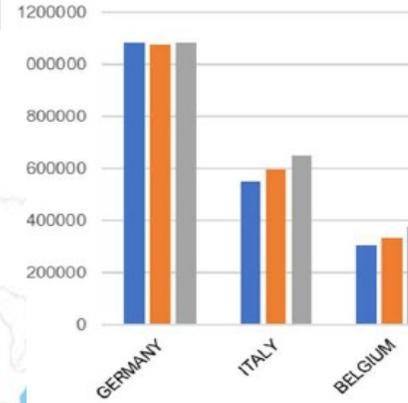
49,600
BARGES

- ▶ 108.5 million tonnes of freight via Antwerp by barge
- ▶ Average of 990 barge calls per week
- ▶ 232 container shuttles per week to 90 European destinations in 6 countries
- ▶ 105 barge operators with frequent calls, including 29 container operators

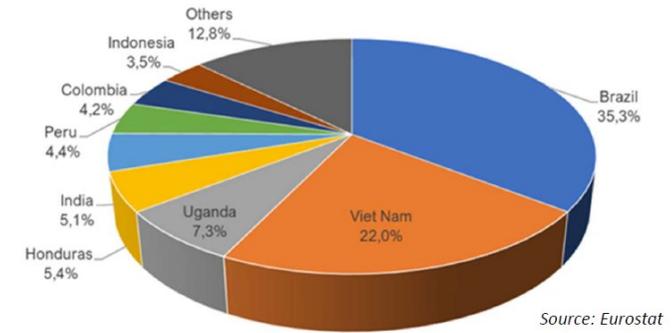
A WIDE RANGE OF RAIL DESTINATIONS FROM THE PORT OF ANTWERP



WESTERN EUROPE - MAJOR GREEN COFFEE IMPORTERS 2020-2022 in tonnes



Top GREEN COFFEE Suppliers to EU27 Countries (2022) tonnes, % of total imports volume



- Besides the YOY growth we see already today the huge importance of **South-America as our trade partner**
- Antwerp is a main Coffee hub in Northern Europe with 400k mt pa. **Coffee remains a cornerstone for the port**
- **+35%** of our coffee comes from **Brazil**
- **Flow of goods from a central hub** is key to secure growth
- With warehouse around the port, we secure **container flow**
- As from the warehouses we transport **by sustainable transport the goods to the consumers**



Energy transition

Frontrunner energy transition

Projects in energy, industry and shipping



Sustainable
Energy



Expand Onshore
wind production
capacity Hyoffwind



Backbones for
sustainable flows
(H2, CO2, waste heat & steam)



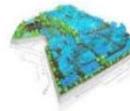
Hydrogen Import
Coalition / Pilots



Port of
Antwerp
Bruges



Sustainable
Industry



NextGen District – hotspot
for circular Economy



Antwerp@C – CCS



Power-to-Methanol
green methanol production
(CCU)



Sustainable
Shipping



Multi Fuel Port –
alternative fuels on offer



Onshore power supply
for vessels



Tugboats on
H2 & methanol

The plan

- **Global decarbonisation and sustainability for supply chain**
 - Production and origin
 - Freight and shipping
 - Origin **“THE PLAN”**
 - Antwerp sustainability plan on energy
 - **WAREHOUSING BELT AND TRAINCONNECTIONS** – swift transit from port reception facility to customer premises w/o adding footprint
 - REDUCTION WITH FACTOR 8-10 ON LAST MILE
- **Intermodality**
 - Train (18gr/tkm)
 - Truck (118gr/tkm)

Case study: ILOMAR- MOLENBERGNATIE



Sustainability

○ Energy transition

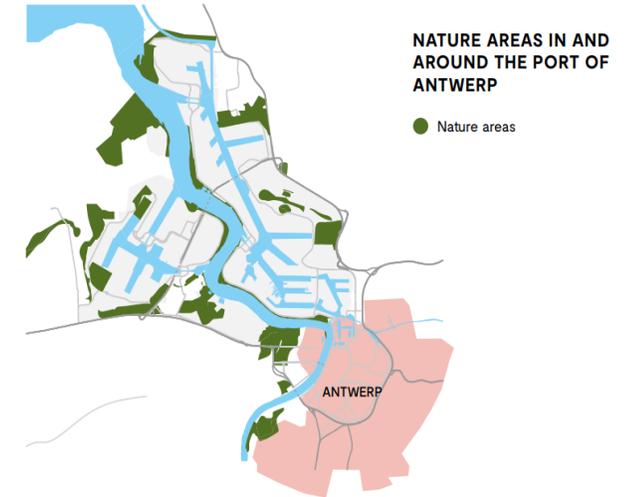
- Windmills
- Biomass
- Solar energy

○ Automation of manipulation



A SUSTAINABLE PORT Corporate social responsibility

The port of Antwerp strives to reconcile economic, social and ecological interests as far as possible. The main themes of this "socially responsible enterprise" are the 17 sustainable development objectives (SDG's).



EMPLOYMENT

62,781
DIRECT JOBS
IN 2020

79,166
INDIRECT JOBS
IN 2020

141,947
TOTAL EMPLOYMENT
IN 2020

(Source: National Bank of Belgium, 2022)

” Approximately **5.7%** of working people in Flanders and approximately **3.3%** of working Belgians have a job related to activities in the port of Antwerp.

INSTALLED CAPACITY RENEWABLE ENERGY IN THE PORT OF ANTWERP

