



21ST EUROPEAN COLD CHAIN CONFERENCE

14-16 MARCH 2018 | ANTWERP

Global Cold Chain Alliance

Pharma Cold Chain Developments, Outlook & Opportunities

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Presented by



GLOBAL COLD CHAIN
ALLIANCE®

Pharma Cold Chain Outlook

Morgane Hanssens

Business Development Manager Life Science & Healthcare

15/03/2018



The Antwerp Port Authority : Role



NAUTICAL

Vessel traffic
Management

OPERATIONAL

Tug
Dredging
Cranes



INFRASTRUCTURE

Dock – Locks
Quays – Bridges

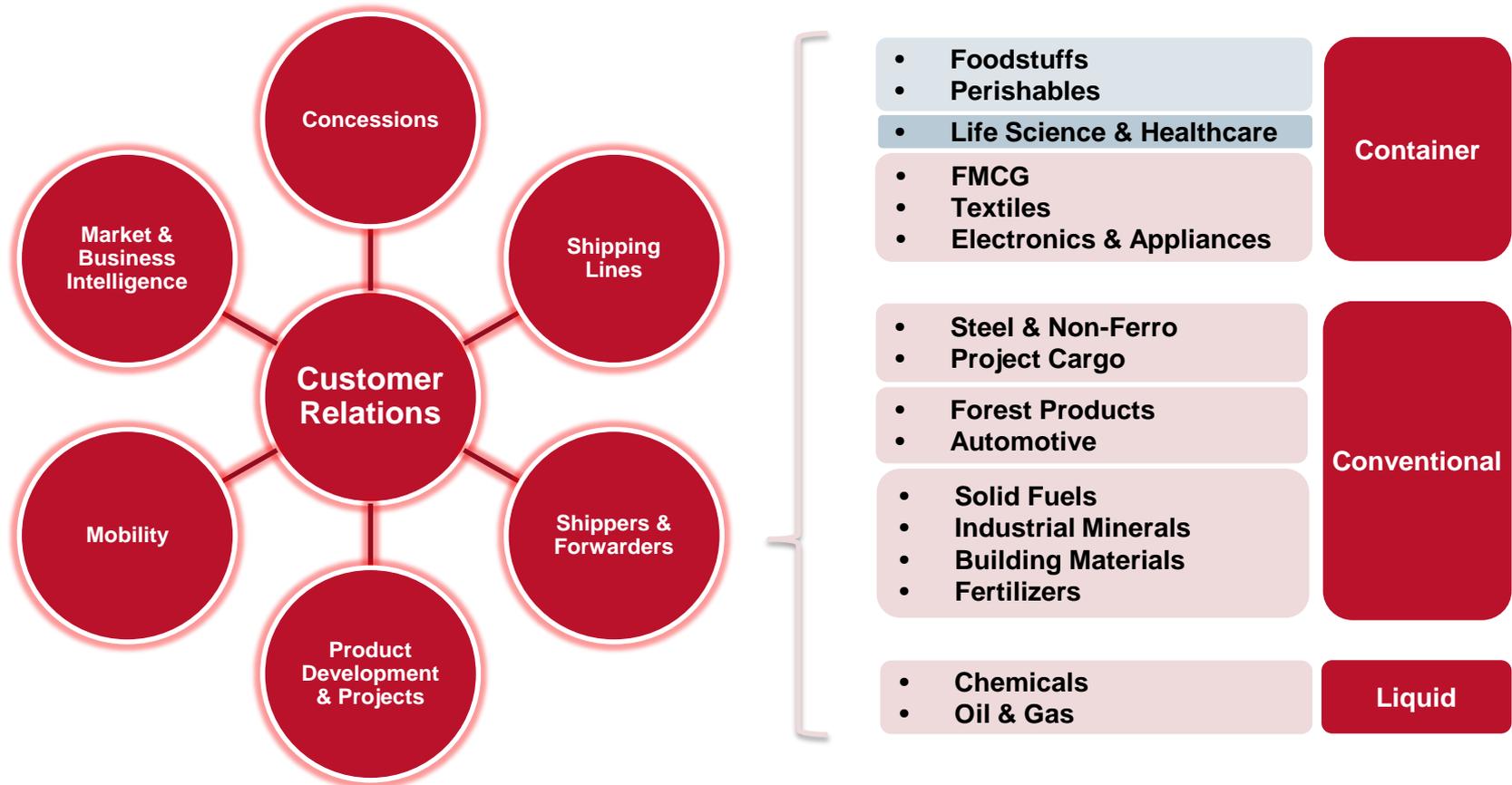
Planning
Building
Maintenance
Financing



COMMERCIAL

Harbor dues
&
Concessions

Customer
Relations



Themes

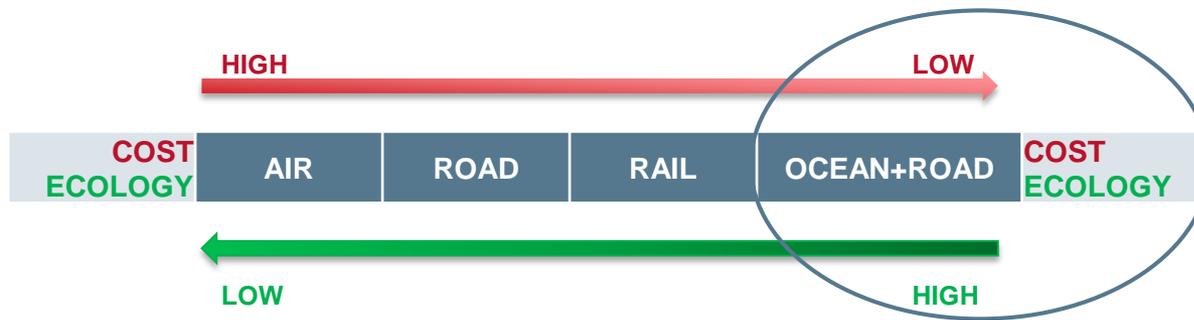
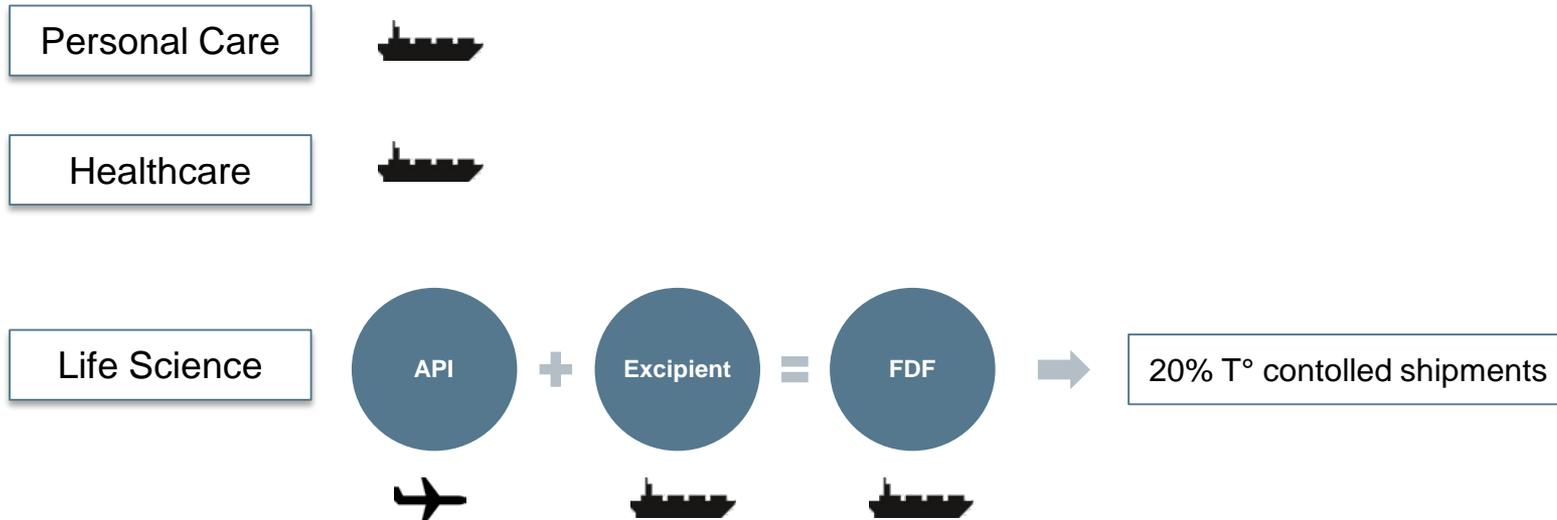


- 1. Global Flows**
- 2. Demanding Industry Needs**
- 3. Port Authority Initiatives**

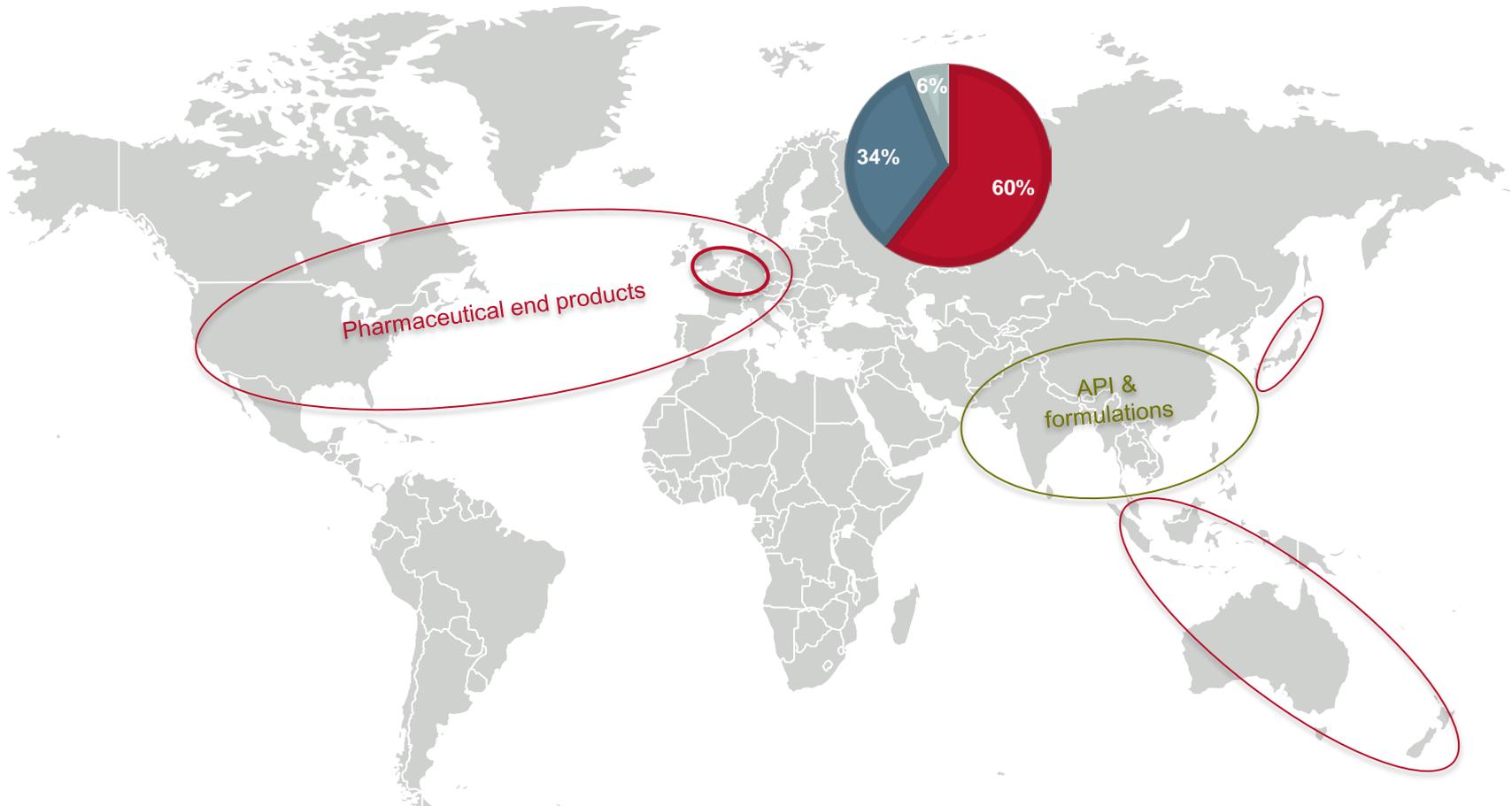
1

Global Flows

Commodities & Shipping Modes



Global pharmaceutical market

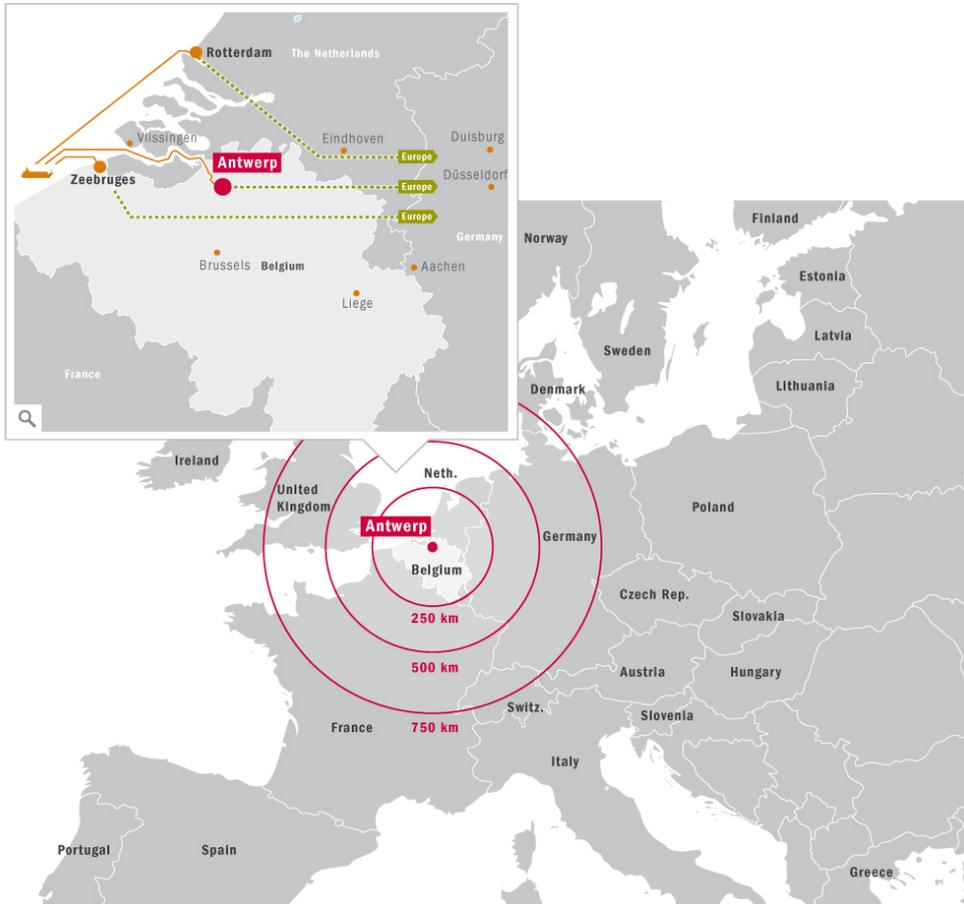


Belgium : hot spot for pharmaceuticals



EUR 41 billion export value in 2016

Antwerp at the Heart of the Industry



Deep INLAND location

DeepSEA access



2

Industry Needs

INFORMATION FROM EUROPEAN UNION INSTITUTIONS, BODIES, OFFICES
AND AGENCIES

EUROPEAN COMMISSION

Guidelines

of 5 November 2013

on **Good Distribution Practice** of medicinal products for human use

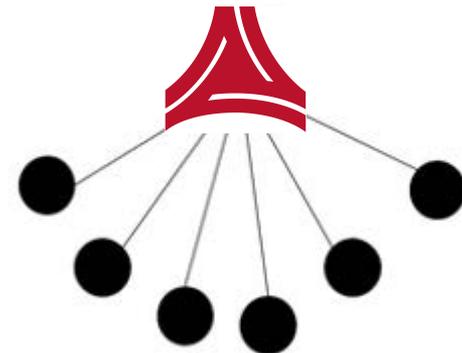
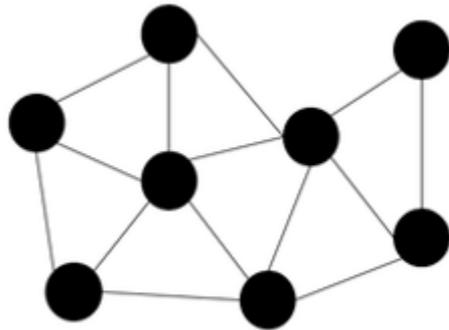
(Text with EEA relevance)

(2013/C 343/01)

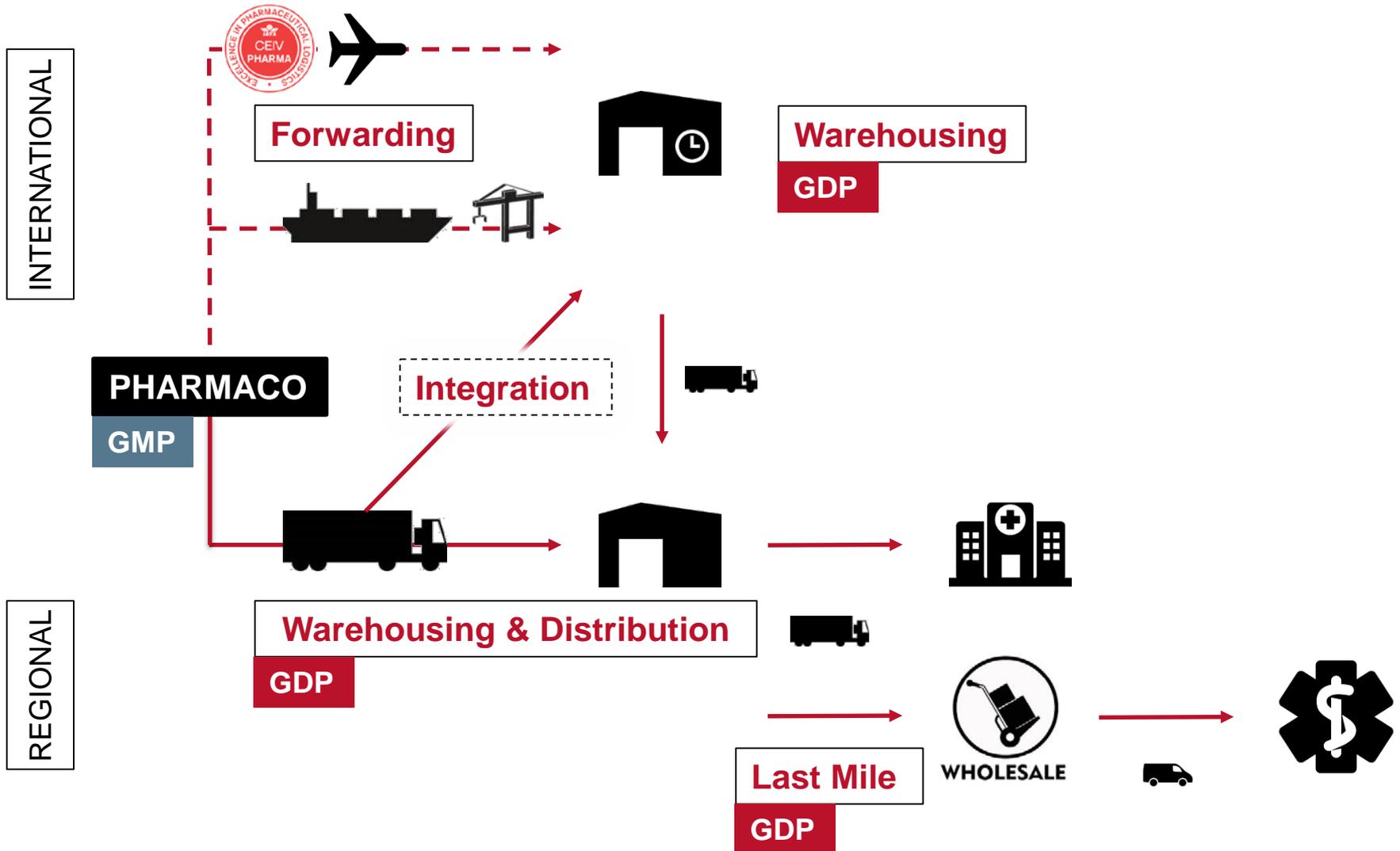
GDP



M&A enhances need for centralisation



Pharmaceutical Supply Chain



3

Port Authority Initiatives

LSP Pharma landscape



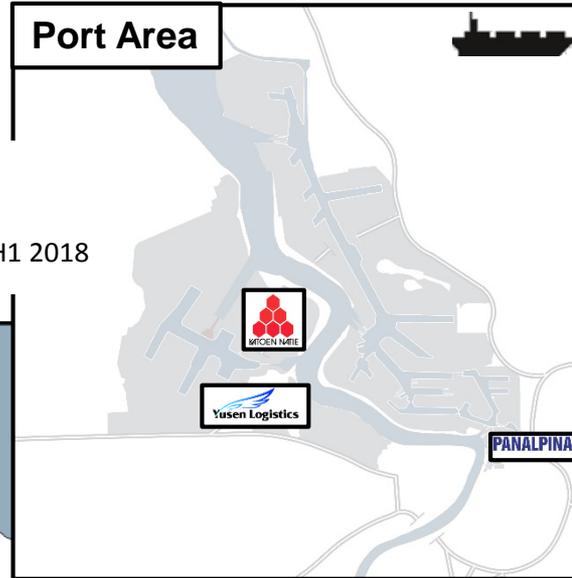
- T° controlled**
- 2-8° C
 - 15-25° C



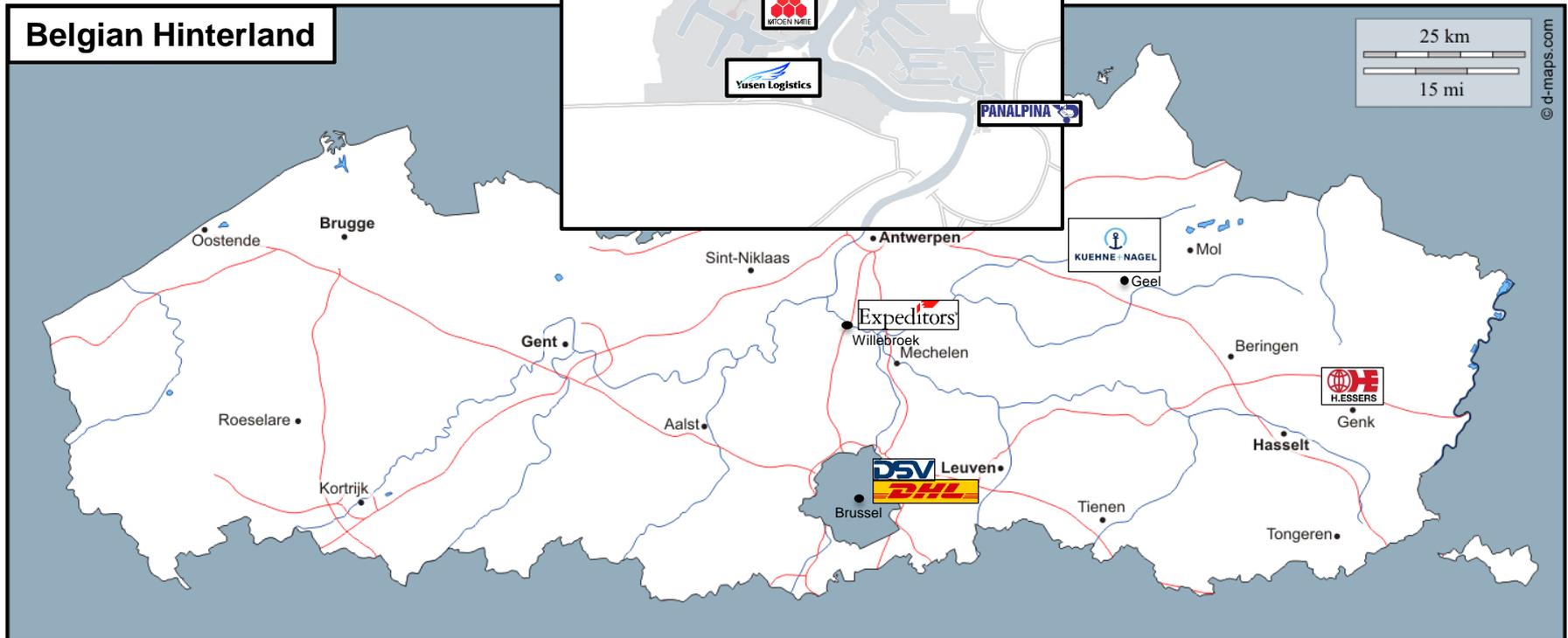
Certified intraport warehouse space

- 45.000 m² today
- + 17.000 m² extra by end H1 2018

Port Area



Belgian Hinterland



Conclusion

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