Inland Navigation on the Rivers of the World

Major Trans-European Transport Axes

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Secretary general European Barge Union

European Barge Union

Founded in 2001
Seat in Brussels
Office in Rotterdam

Members:
Inland shipping branch-associations from:

- Germany
- France
- Switzerland
- Belgium
- Austria
- The Netherlands
- Czech Republic

Inland shipping in Europe

- Total transportvolume: 130 billion tonne/kilometres
  - 440 mio tonnes
- Modal split in total: 6 % (2002)
- Modal shift for inland shipping much higher in NW-Europe:
- Germany : 12,8%
- The Netherlands : 44,2%
- Belgium: : 14,3%

MAJOR AXES

- RHINE-SOUTH-EAST INCLUDING DANUBE CORRIDOR
- EAST-WEST CORRIDOR

MAJOR AXES

– bottlenecks

Water depth - most important parameter

MAJOR AXES

– bottlenecks

. South East Corridor: Danube

- Straubing Vilshofen: realisation of a guaranteed minimum navigable depth of 2,50 m
- Wachau
- Vienna Downstream
- Gabcikovo Budapest

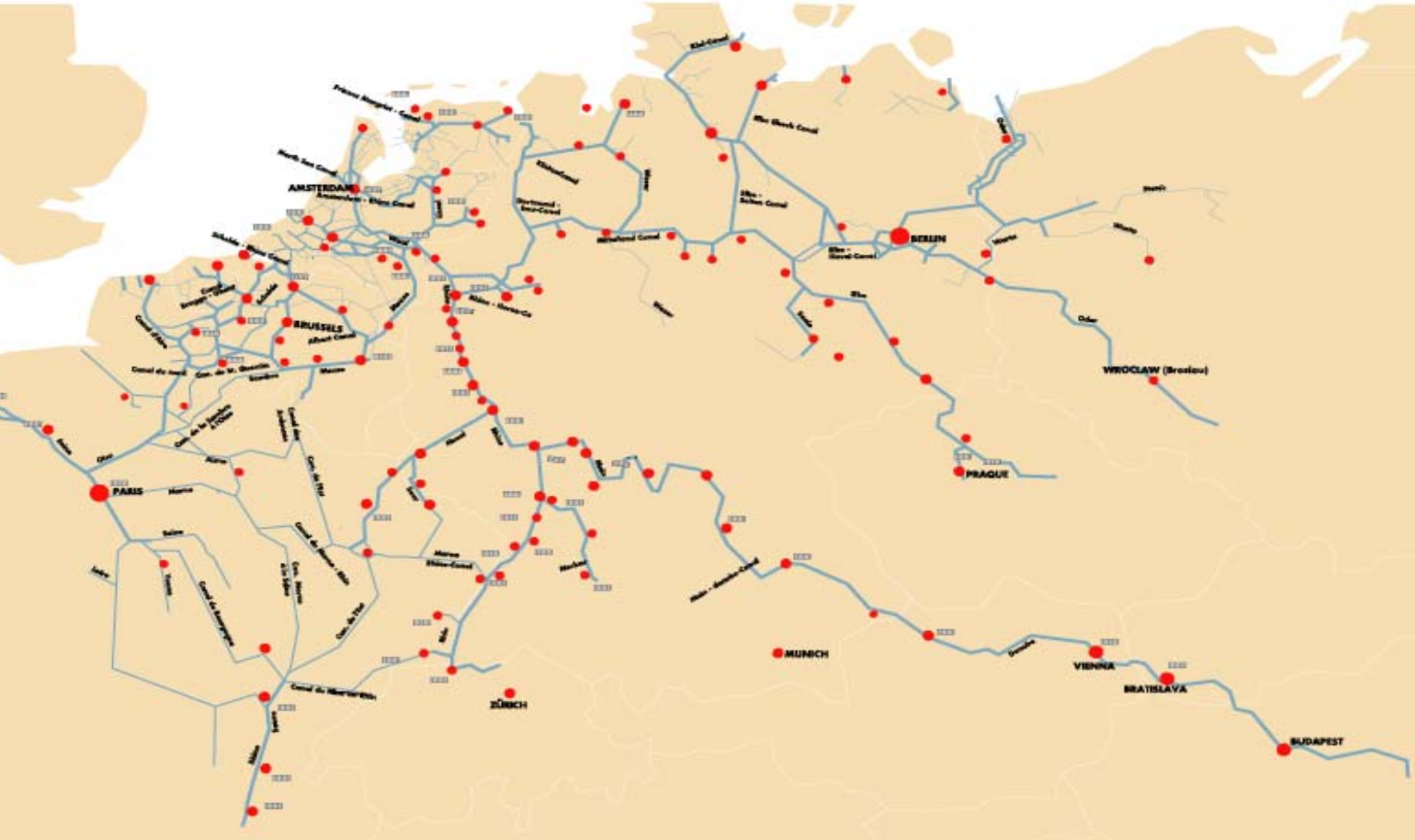
MAJOR AXES
– bottlenecks

2. East-West Corridor:

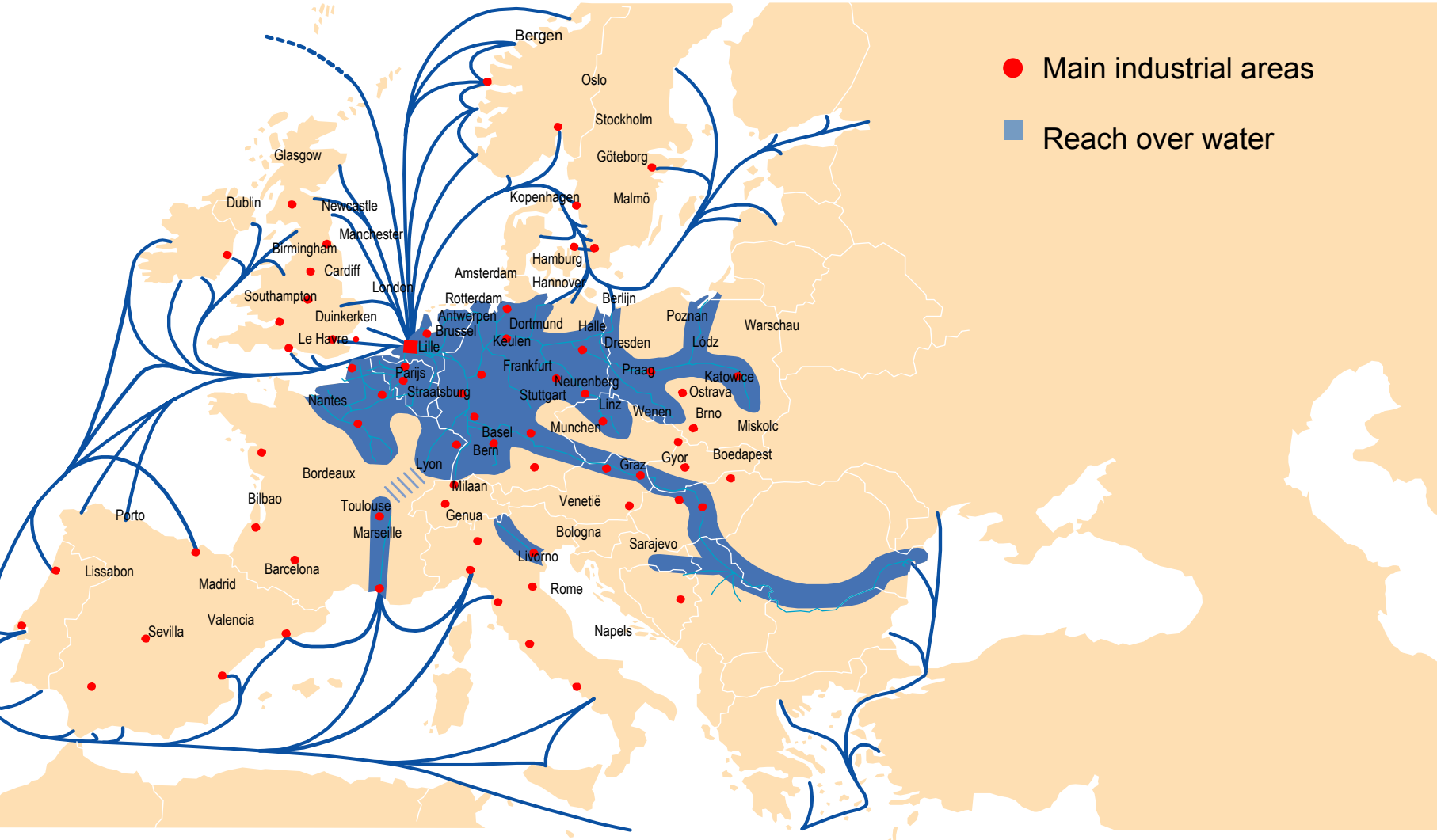
Elbe: realisation of a guaranteed minimum navigable depth of 1,60 m

Mittellandcanal: regulation and guaranted waterdepth

Northwest Europe



Economy


Main industrial areas
Reach over water
Bergen
Oslo
Stockholm
Göteborg
Malmö
Kopenhagen
Glasgow
Dublin
Newcastle
Manchester
Birmingham
Cardiff
London
Southampton
Duinkerken
Le Havre
Amsterdam
Rotterdam
Antwerpen
Brussel
Lille
Hamburg
Hannover
Berlijn
Dortmund
Halle
Keulen
Dresden
Poznan
Warschau
Lódz
Frankfurt
Parijs
Straatsburg
Nantes
Stuttgart
Neurenberg
Praag
Katowice
Ostrava
Linz
Wenen
Brno
Miskolc
Munchen
Basel
Bern
Lyon
Graz
Gyor
Boedapest
Bordeaux
Milaan
Venetië
Bilbao
Toulouse
Genua
Porto
Marseille
Bologna
Sarajevo
Livorno
Lissabon
Madrid
Barcelona
Rome
Valencia
Sevilla
Napels

Inland Shipping – benefits

savings on investments in the road system

savings on external costs of transport, such as:

- reduction of accident cost
- reduction of congestion costs
- reduction of CO2-emissions (Kyoto-objectives)
- reduction of noise
- reduction of space consumption

Logistical Networks

Excellent, reliable and flexible distribution network to / from the hinterland

Rotterdam

- Inland shipping
- Rail
- Road
- Shortsea

Impressions Inland Shipping

Impressions Inland Shipping

Impressions Inland Shipping

Ecology

Shifting the balance between modes

Concluding Remarks
Future of Europe – Water

- The future of Europe lies on the water
- Functioning of freight transport depends on an excellent infrastructure.
- Proper maintenance and realization of missing links conditio sine qua non