Inland Navigation

The sustainable way to go

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Europe

Rotterdam
Inland shipping in the Netherlands

- Dutch fleet: ca. 7,000 vessels (60% of western European fleet)
- Transport within Dutch borders: 330 Mton (30% of total transported goods)
  - bulk transport (market share 80% on distances > 100 km)
  - container transport (market share 33%)
  - palletised transport (market share 4%)
- 80% inland shipping connected to ports of Rotterdam and Amsterdam
- Many large rivers and canals
- Many inland terminals and ports
The Netherlands

440 trucks

200 TEU

120 trucks

- Strengthening the competitive position
- Future-proof network of waterways and ports
- The cleanest mode of transport
- Permanently improving safety
- Innovation
Port of Rotterdam
Maasvlakte 2

Characteristics

- Access via the Yangtzehaven with a width of 600 m and depth of 20 m
- Gross area: 2,000 ha
- Net area: 1,000 ha (20% more than current port)
- Use of area for economic activities:
  - Containers 630 ha
  - Distribution 180 ha
  - Chemicals 190 ha
- Project costs: € 2.9 billion (based on 2007 prices)
Artist Impression Maasvlakte 2
Road Transport “The Nightmare”
Modal Split Transport

2005

ROAD

59%

RAIL

35%

SHIPPING

31%

45%

2035

ROAD

10%

RAIL

20%

SHIPPING

10%
Container Transferium principle
Artist Impression Container Transferium
Barge innovation example

- Making distant and smaller watersided industrial sites accessible for modern barging
Pan-European Challenges

- **30% market share for inland navigation: much room to improve**
  - Ensure capacity in seaports
  - Built a reliable waterway network (+ Danube & Seine Nord)
  - Don’t forget the inland ports and quays

- **Vessels are never clean enough: zero emission is the goal**
  - Strict emission norms and innovation are the keys