



Ministerie van Verkeer en Waterstaat

Inland Navigation

The sustainable way to go

23 februari 2010

Europe





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

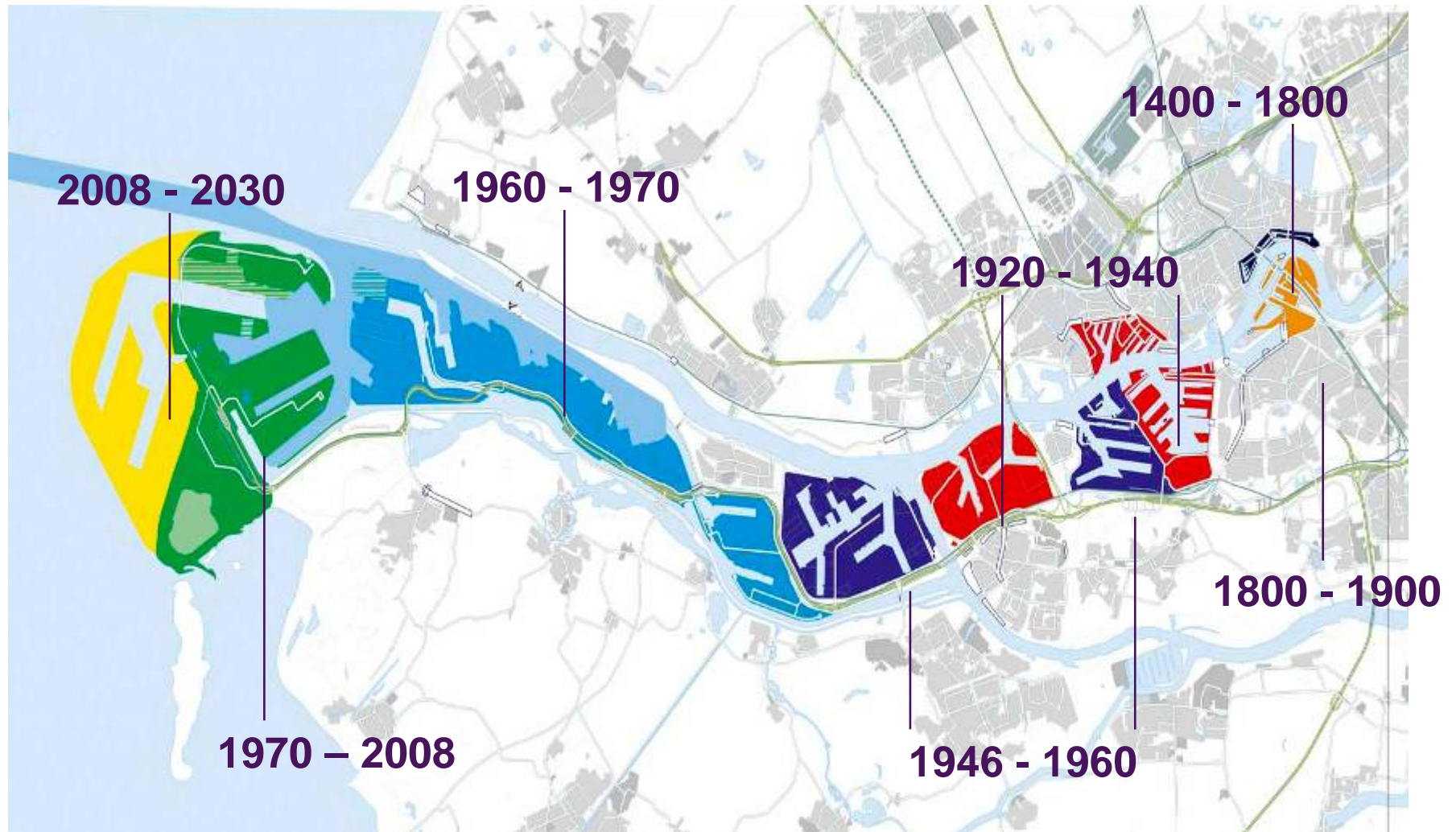




Policy Letter: 'Setting course for a strong economy: a safe and sustainable inland navigation'. (2007)

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

Port of Rotterdam



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"



2007/06/29

Modal Split Transport



59%

ROAD



35%

2035

2005



31%

SHIPPING



45%



10%

RAIL



20%

23 februari 2010

Container Transferium principle





Artist Impression Container Transferium





- 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