

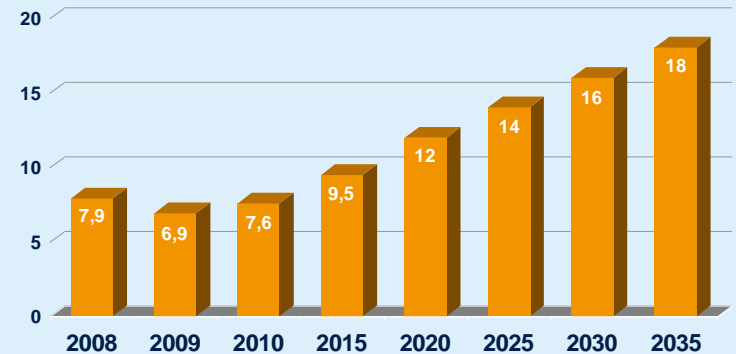
The importance of reliable inland corridors for mainports

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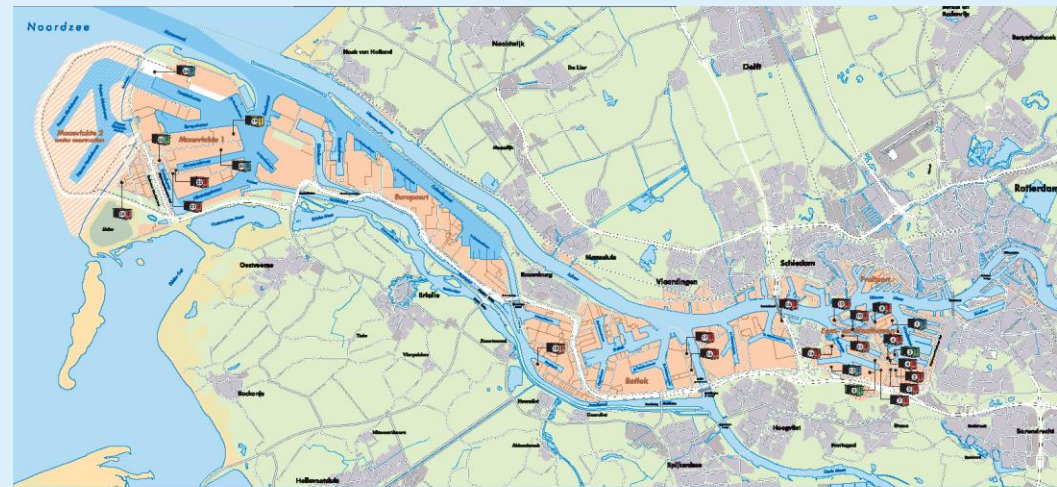


Mainport challenge

- Increasing volumes to/from inland

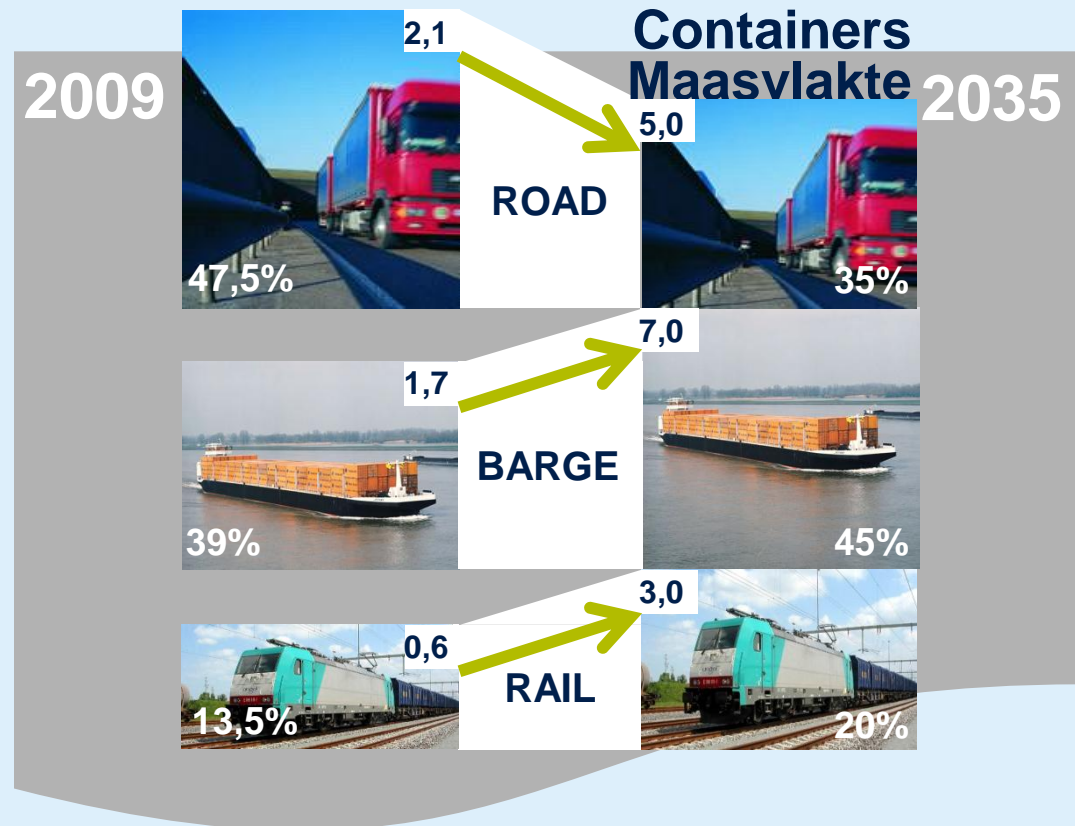


- Conditions:
 - Accessible
 - Sustainable



..focus on inland shipping & rail

- Accessibility
 - Congestion A15
 - Reliable
- Sustainability
 - Greener modalities
- Marketposition
 - Trimodal network
 - Flexibility



Rail and inland shipping program

Port

Corridor

Hinterland

Rail



Inland shipping



Utilization of capacity



Increase of quality



Reduction of costs

Corridor is lifeline !

- The value of a portcomplex is largely depending on how accessible the port is.



Impact on performance

- Less efficient handling of vessels in port (planning)
- More emissions
- More delays in cargo (production, delivery) and supply chain

Unreliable corridors result in negative modal shift!

Cost figures for blockage of the Port of Rotterdam

- Study carried out for The Rotterdam Climate Initiative estimates damage for inland barges of *total* blockage of the Port of Rotterdam
 - € 1,75 million per day (2007)
 - > € 50 million for one month (Waldhof)
 - Indirect effects
 - Damage of image (reliability)
 - Loss of cargo to other modalities/ other ports
 - Claims due to late delivery, decay of goods

Other studies

- Joint initiative (CBRRB, RWS, PoR...) for a study to the economic damage of the Waldhof incident to be carried out by NEA (2011)
- In addition Port of Rotterdam will carry out a study to the vulnerability of hinterland corridors (2011 – 2012)