

European Intermodal Hinterland Traffic

Growth of maritime Intermodal Cargo – Challenges and Opportunities for Rail

DIOMIS: Seminar 2



Railion Deutschland AG

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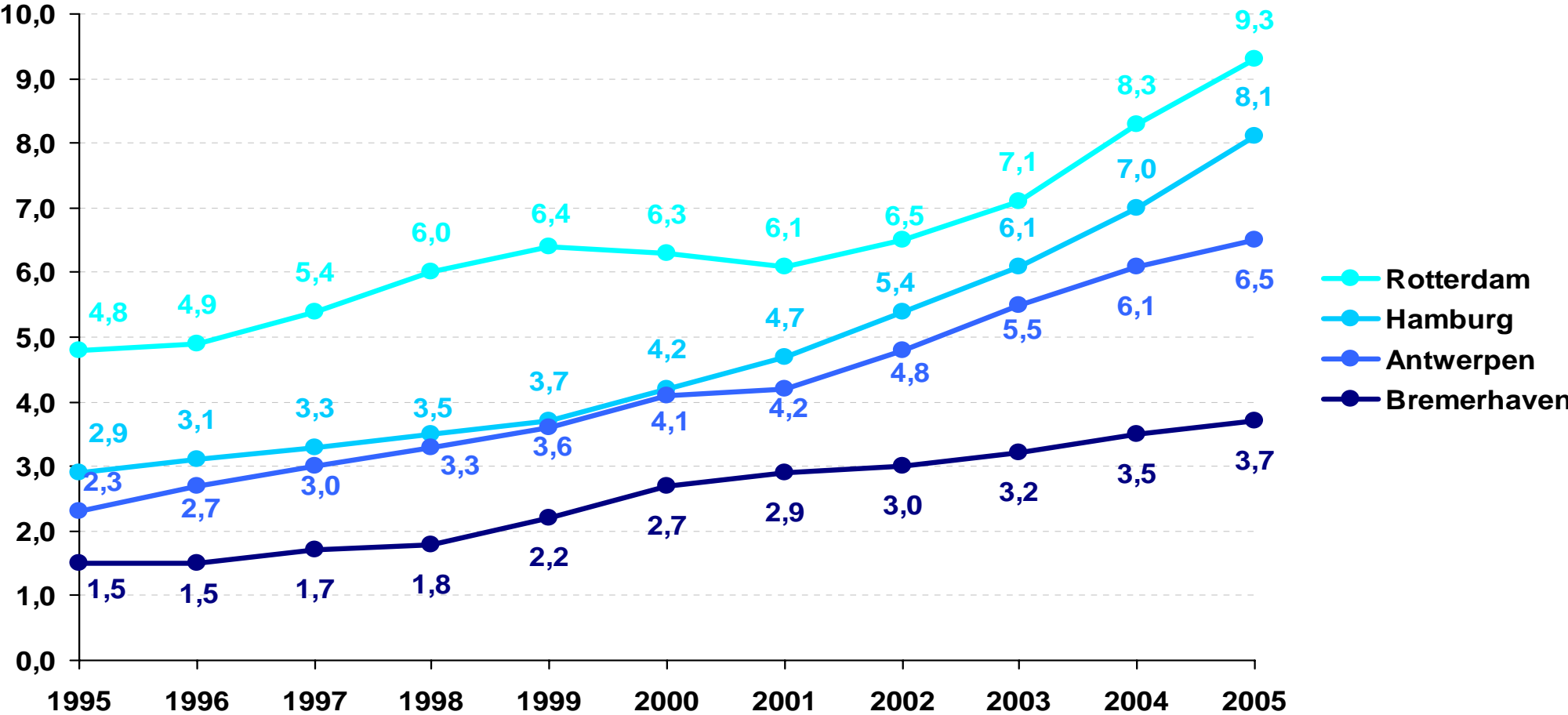
Paris, 01.02.2007

Mobility Networks Logistics

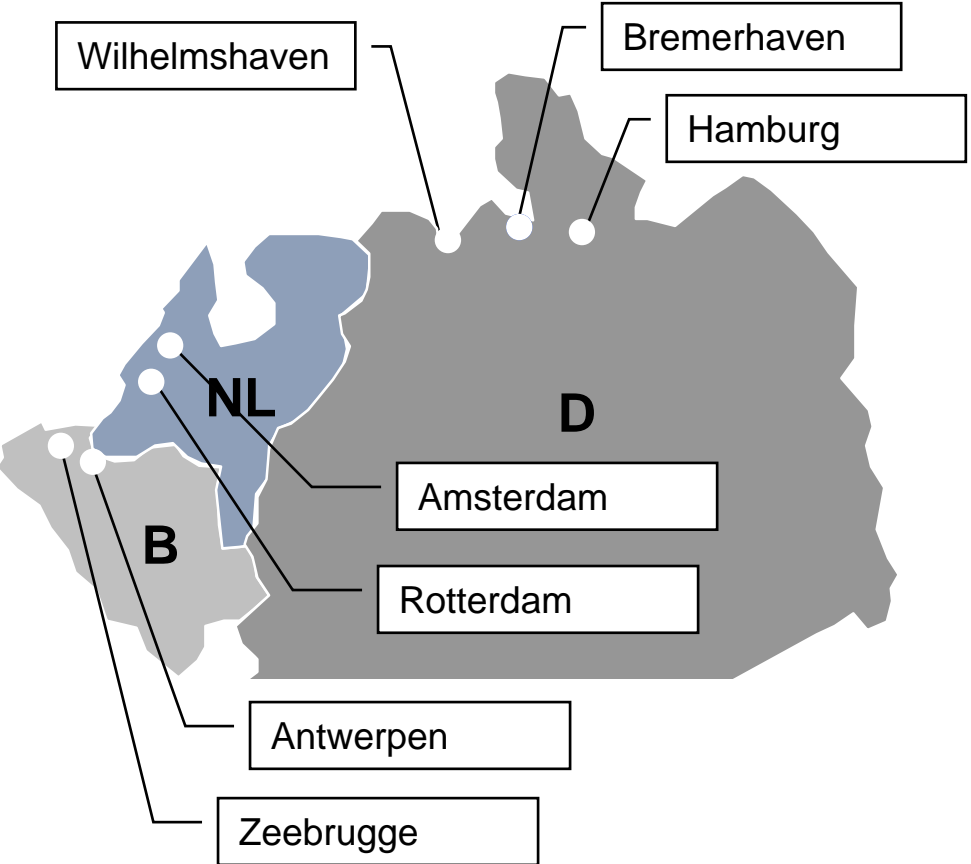
The „big four“ European north range sea ports grew rapidly in the last ten years

Container Volumes in Northrange Sea Ports

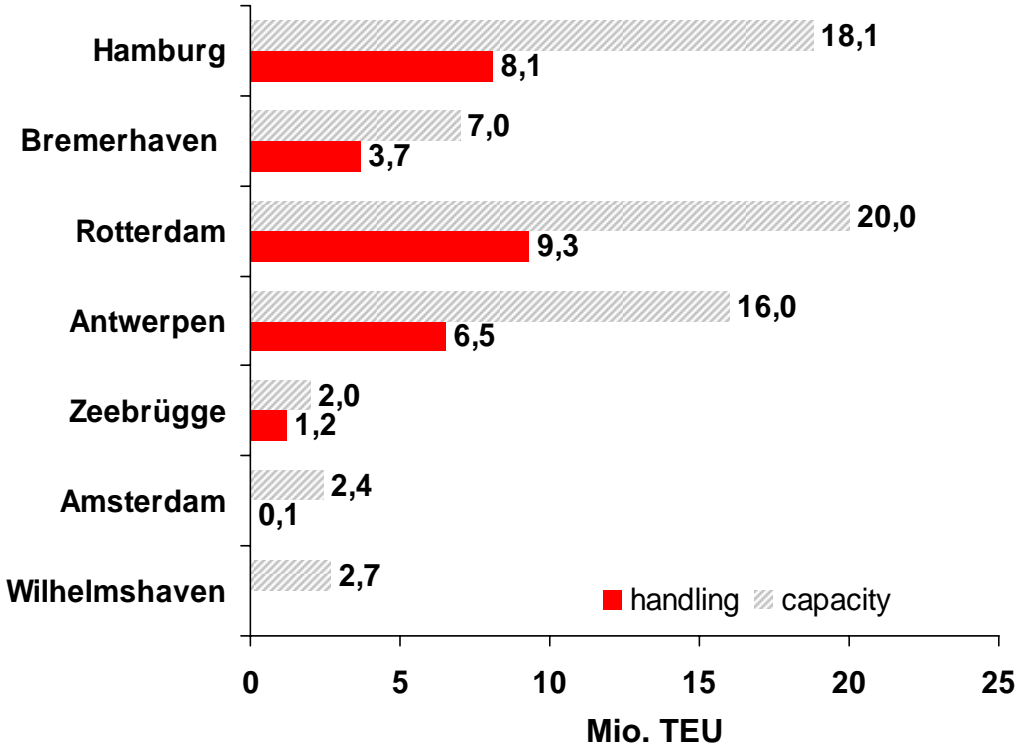
In Mio. TEU



Compared to 2005, the forecast of container volumes and corresponding terminal capacities will more than double by year 2015



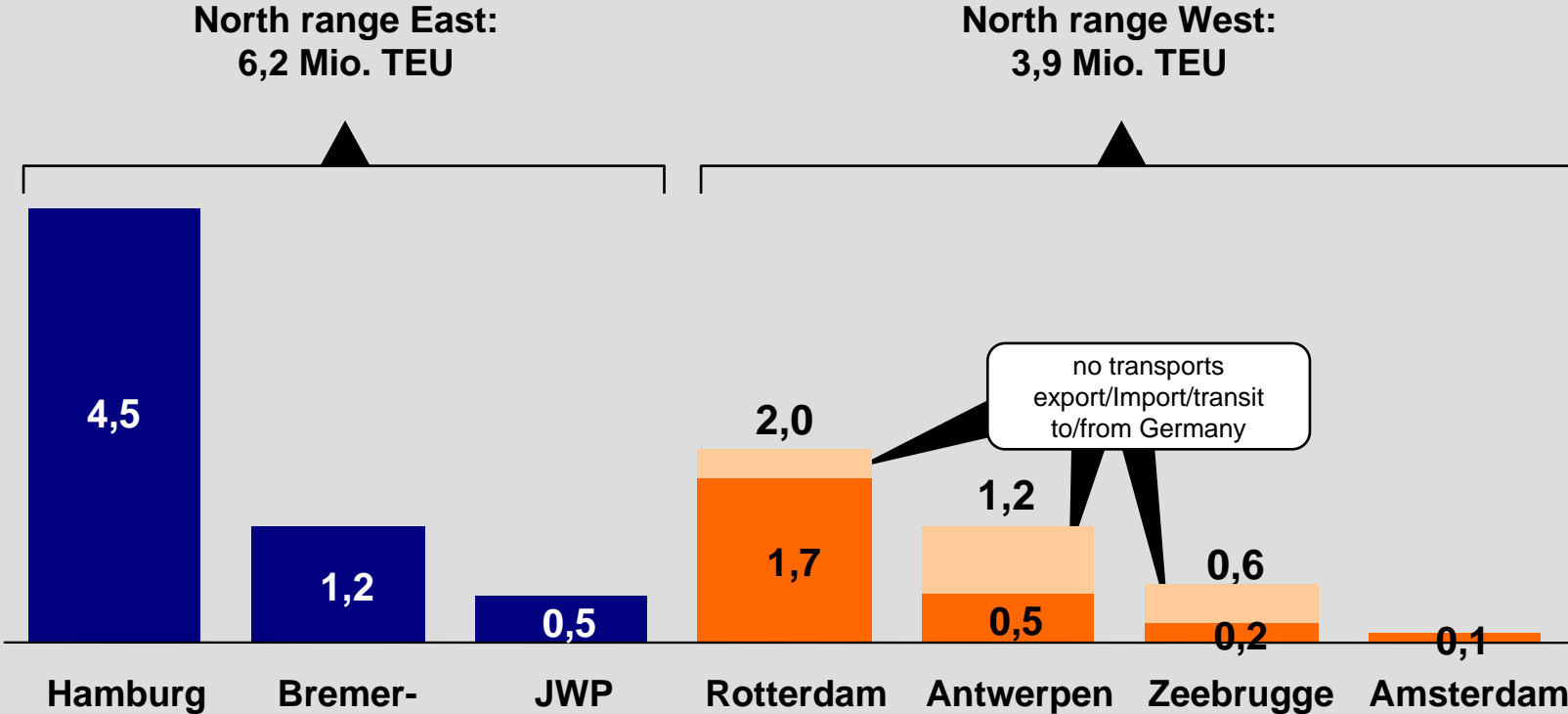
Development of capacities North range sea ports
In Mio. TEU



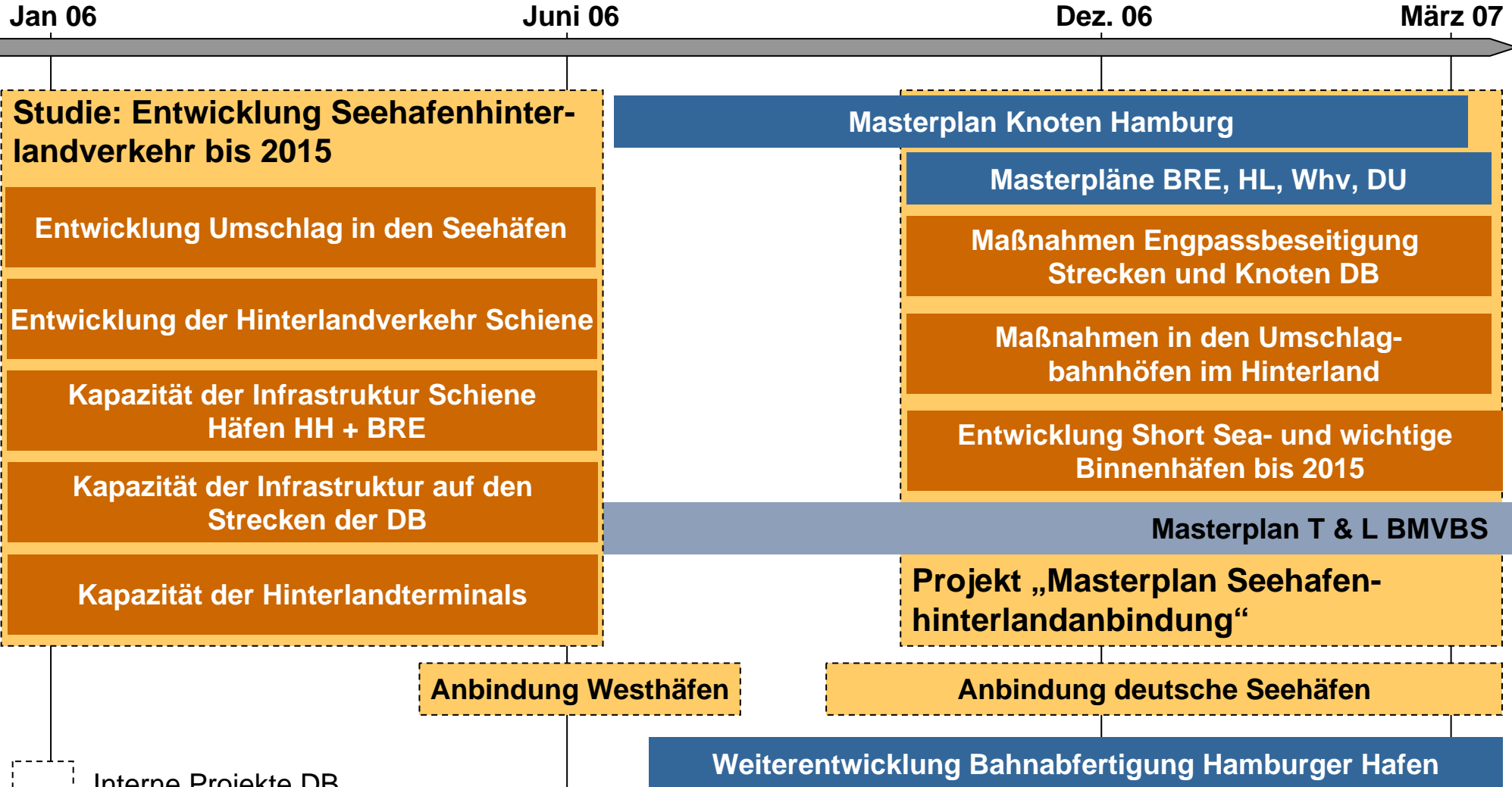
In 2015, more than 6,2 Mio. TEU from German and 3,9 Mio. TEU from Western sea ports will be hinterland traffic on RAIL

Tripled volumes compared to 2004!

Volumes for Rail in Mio. TEU – Forecast 2015



DB currently bundles all critical activities to prepare for ongoing growth in Intermodal hinterland traffic



A “Masterplan” defines all measures necessary to eliminate bottlenecks in the rail infrastructure

„Masterplan Seehafenhinterlandanbindung“

Seaports

- Set up of joint projects with major German ports (including terminals) such as Hamburg, Bremen and others
- Targets:
 - Agree on forecasted Rail volumes
 - Identify bottlenecks on rail infrastructure
 - Define and agree measures

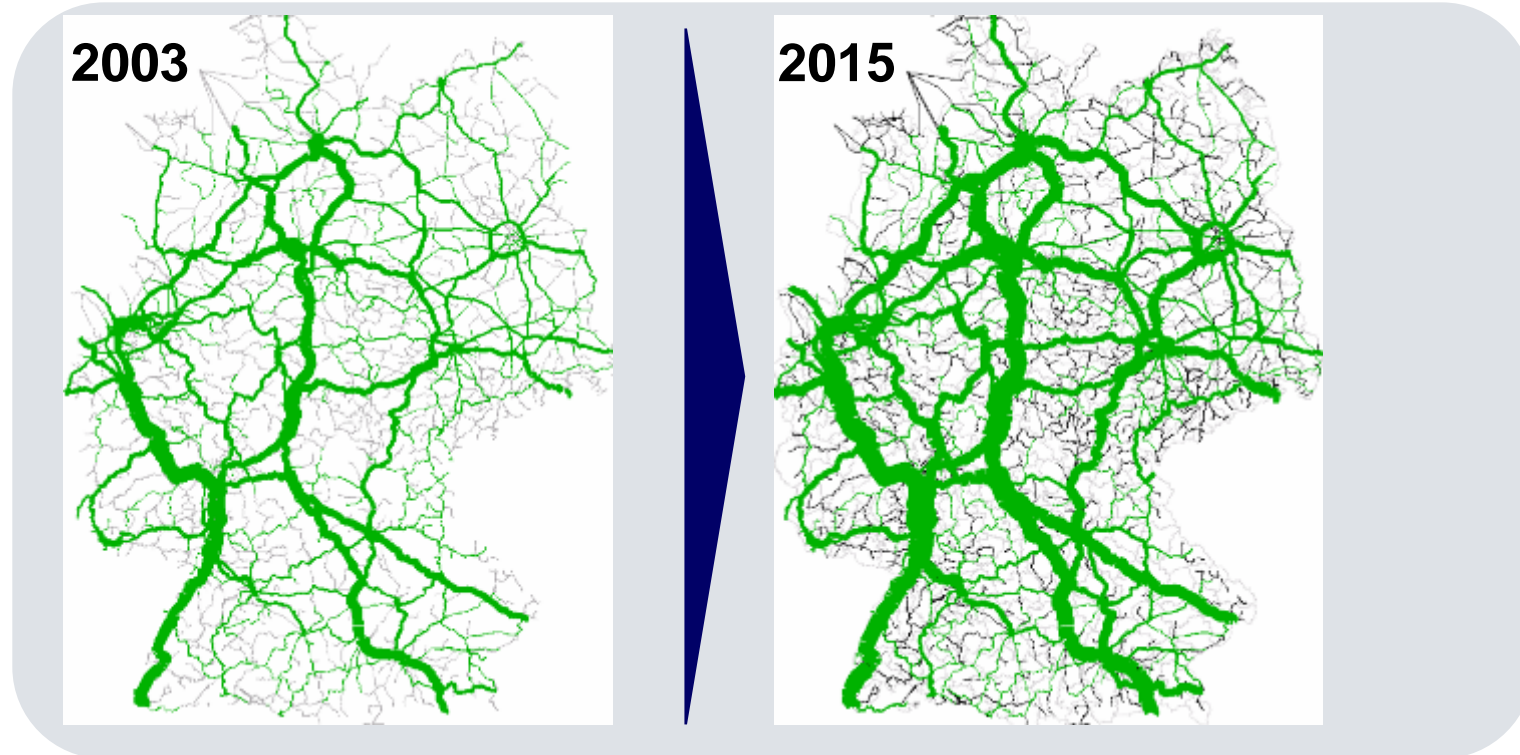
Infrastructure DB Netz

- Realization of measures to eliminate bottlenecks in the rail net
- Define and agree on measures such as:
 - Re-Routing
 - Traffic harmonization
 - Improve local infrastructure to eliminate bottlenecks
 - Speed up net extension

Hinterland terminals

- Re-evaluate volume forecasts for important terminal locations
- Adjust forecasted growth of volumes and plans to increase terminal capacities
- Ease terminals access from tracks and shunting yards
- Increase buffer capacity in the close vicinity of terminals

Intermodal will expand its rolling stock and adjust the terminal strategy to manage growth of maritime Intermodal traffics



Measures to expand capacities are already on its way

- **Expand wagon fleet**
- **Re-fine terminal strategy**