

STRATEGIC INTERCHANGE
BETWEEN SEA AND RAIL FREIGHT:
WHAT'S NEW?

TRIESTE, 2-3 APRIL 2014

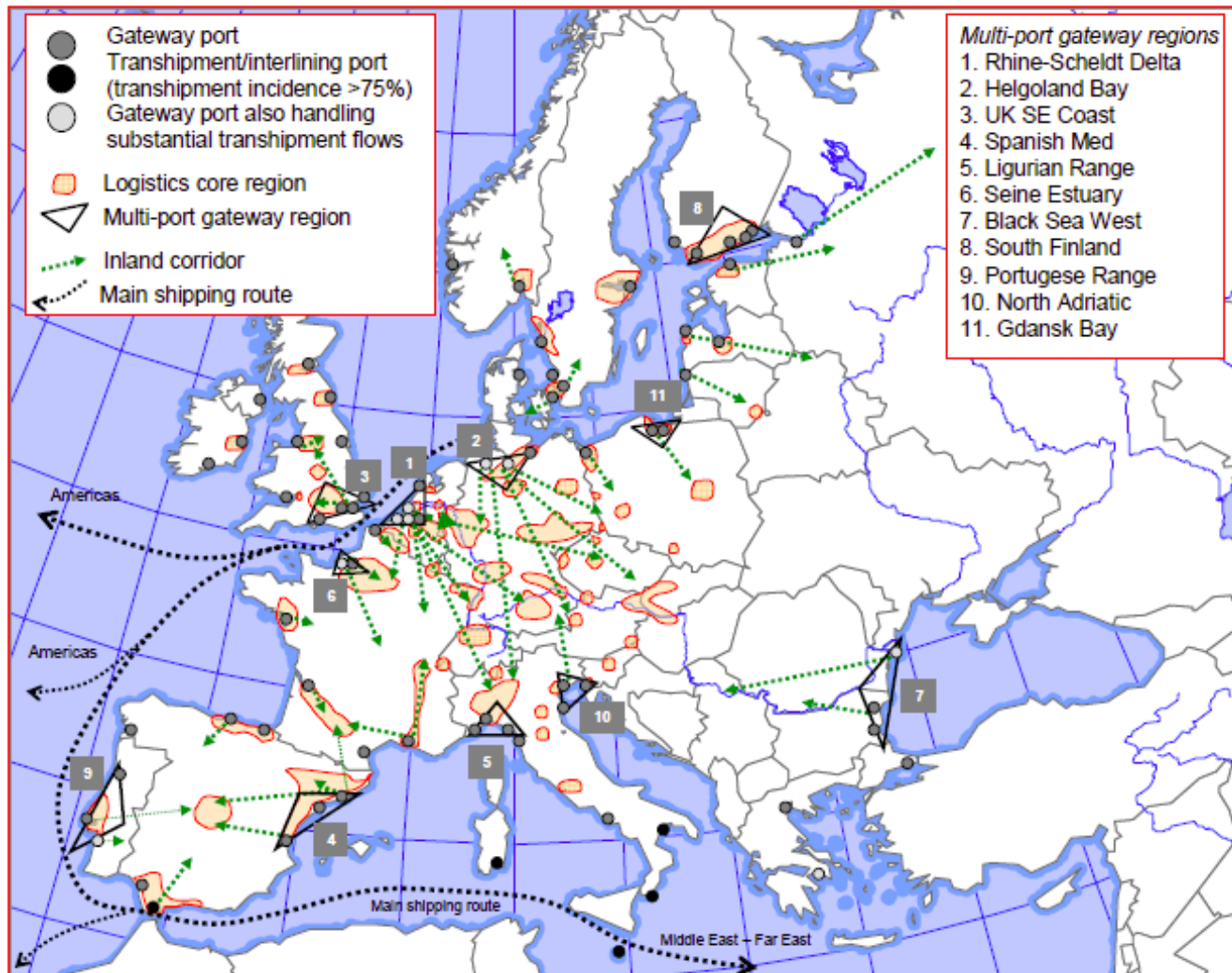


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Rail connectivity between hinterland and ports: Corridors

Ports and their hinterland regions



Source: Notteboom, 2009

In recent years the surge in inland freight distribution is placing additional demands to improve the physical capacity of the transport system. In this respect the integration between sea ports and inland terminals has highlighted a spectrum of innovative **Operational, Legal/Business and Infrastructural** solutions aiming to:

- Increase port capacity;
- Encourage the use of alternative to road transport modes for the hinterland transport;
- Concentrate and optimize transport flows;
- Make inland terminals increasingly acting as extended gates of DSS/SSS terminal facilities;
- Trigger potential business and operational collaborations

An indicative **list of benefits** from the development of hinterland concept is presented below:

- bring **additional deep-sea capacity** to the market
- provide fast, cost-efficient and reliable inter-modal connections
- **fostering further development -> Seaports and inland ports both attractors!**

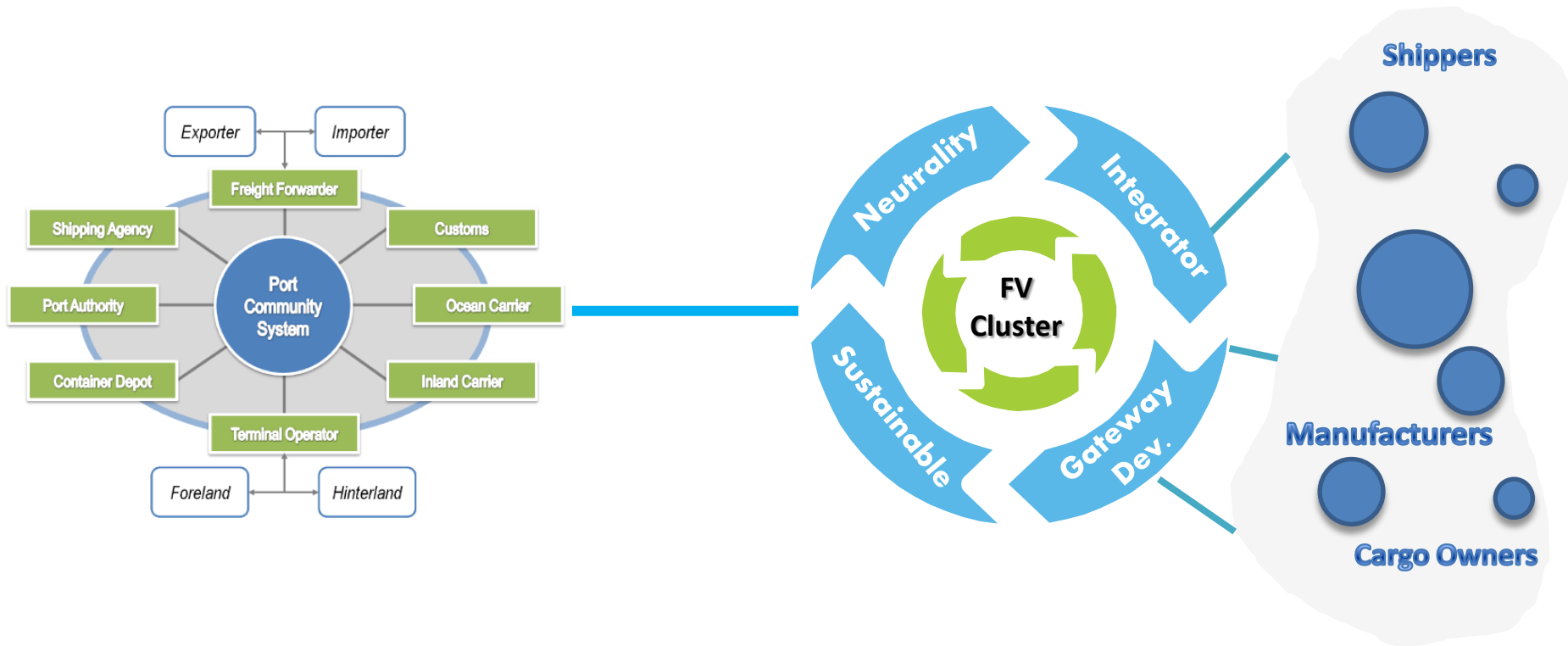
IMPACT

- **Reduce transshipment time and costs** (actually estimated to 10-30%)
- **Bring better capacity** use(handling capacities) through maximisation of capacity utilisation(container yards and transshipment areas)
- **Reduce costs of storage**(depots and storage facilities)
- **Reduce administrative costs** including customs clearance and registration(up to 15% costs reduction=> DryPort)

Main goals of Integrated corridors between port and hinterland lay over:

- fostering the integration of port and hinterland, offering to the ports an increased capacity through the collaboration with hinterland freight terminals;
- facilitating the efficient and secure movement of cargo in and out of the port by the means of environmentally sustainable transport solutions;
- establishing an interactive network of Intermodality that relates different stakeholders and push innovative business models.

FV Clustering for Hinterland Integration





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