

ROOM VIII, Building E Palais des Nations, Geneva 10-12 May 2016



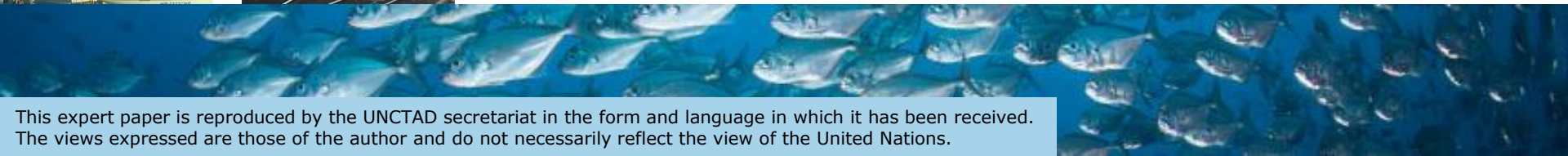
Oceans economy and trade: Sustainable fisheries, transport and tourism



The Strategic Importance of Maritime Clusters in the Ocean Economy

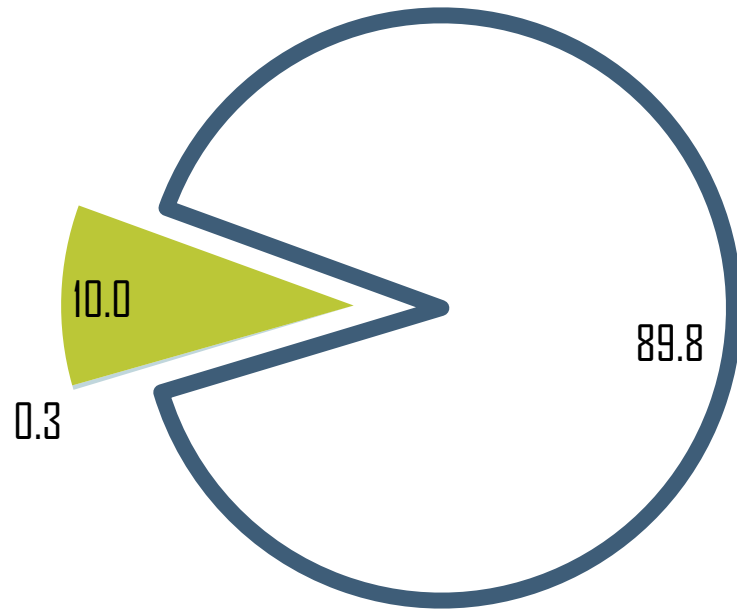
Dr. Jean-Paul Rodrigue

Professor, Dept. of Global Studies & Geography, Hofstra University, USA



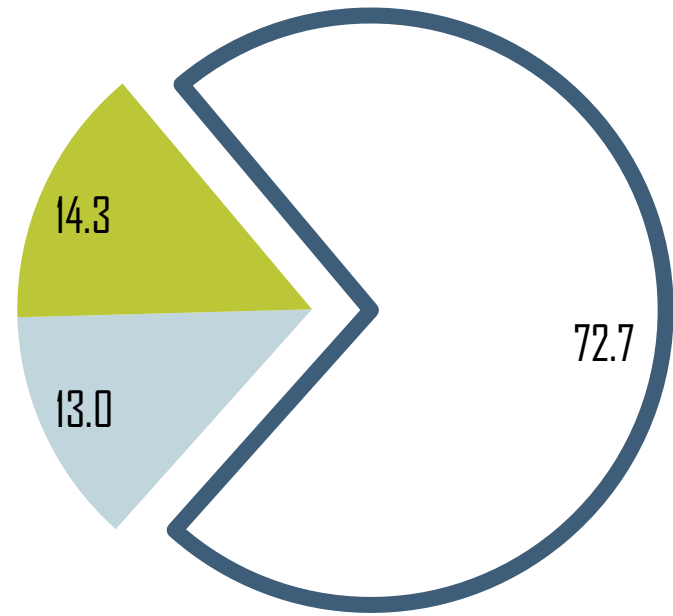
The Blue Economy in Perspective

Volume of World Trade (%)



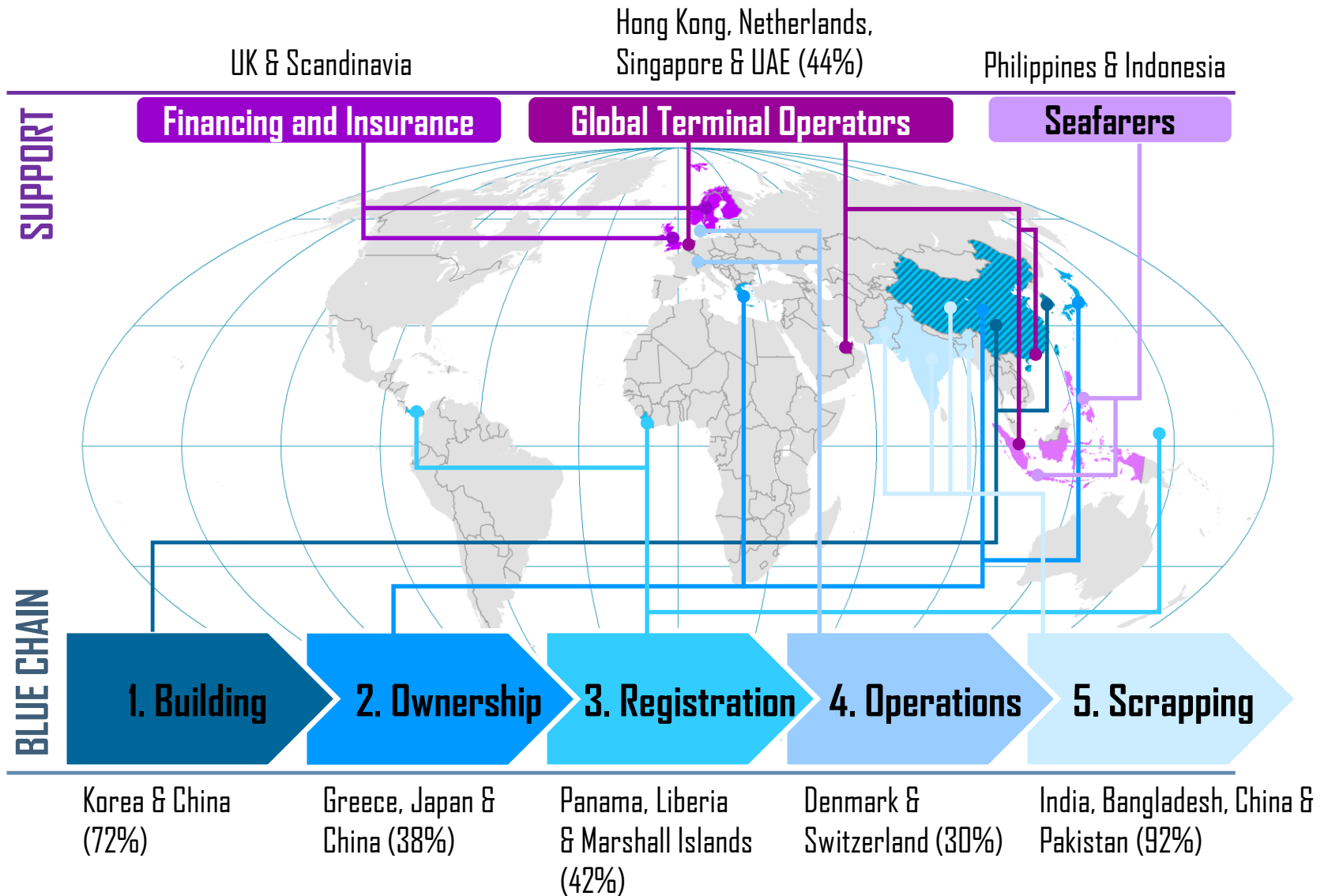
■ Seaborne ■ Airborne ■ Overland

Value of World Trade (%)



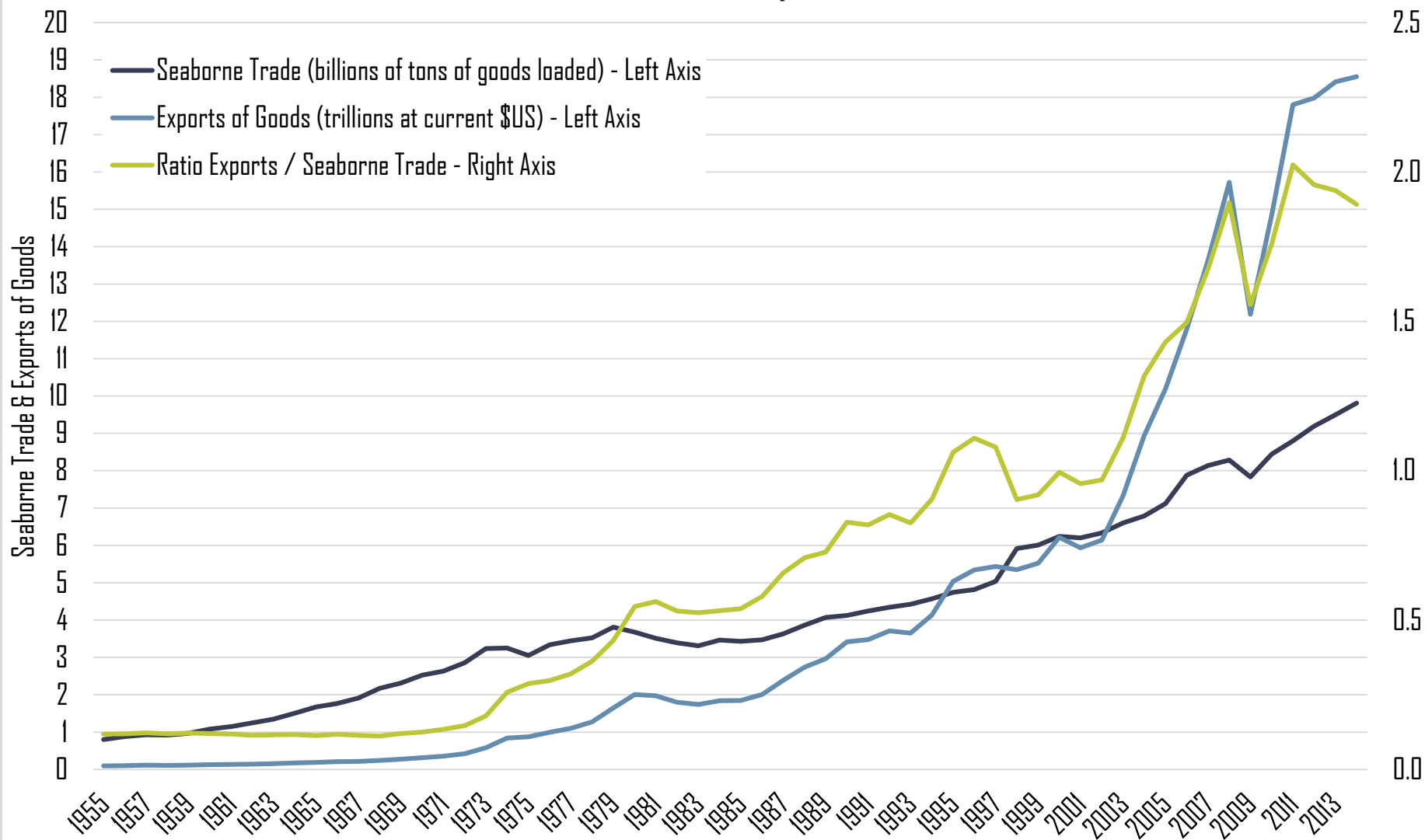
■ Seaborne ■ Airborne ■ Overland

The Blue Chain

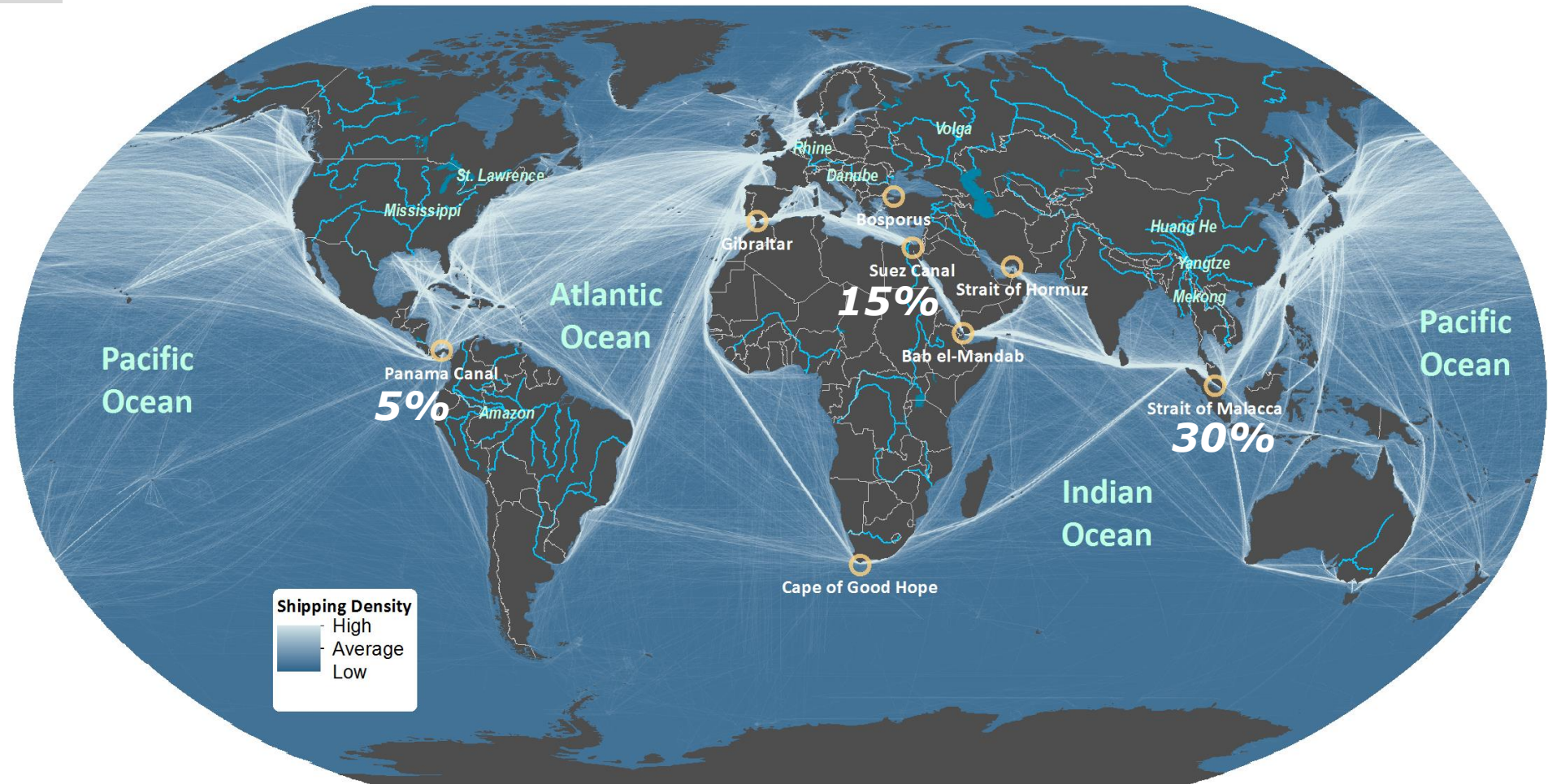


Feeling the Blues...

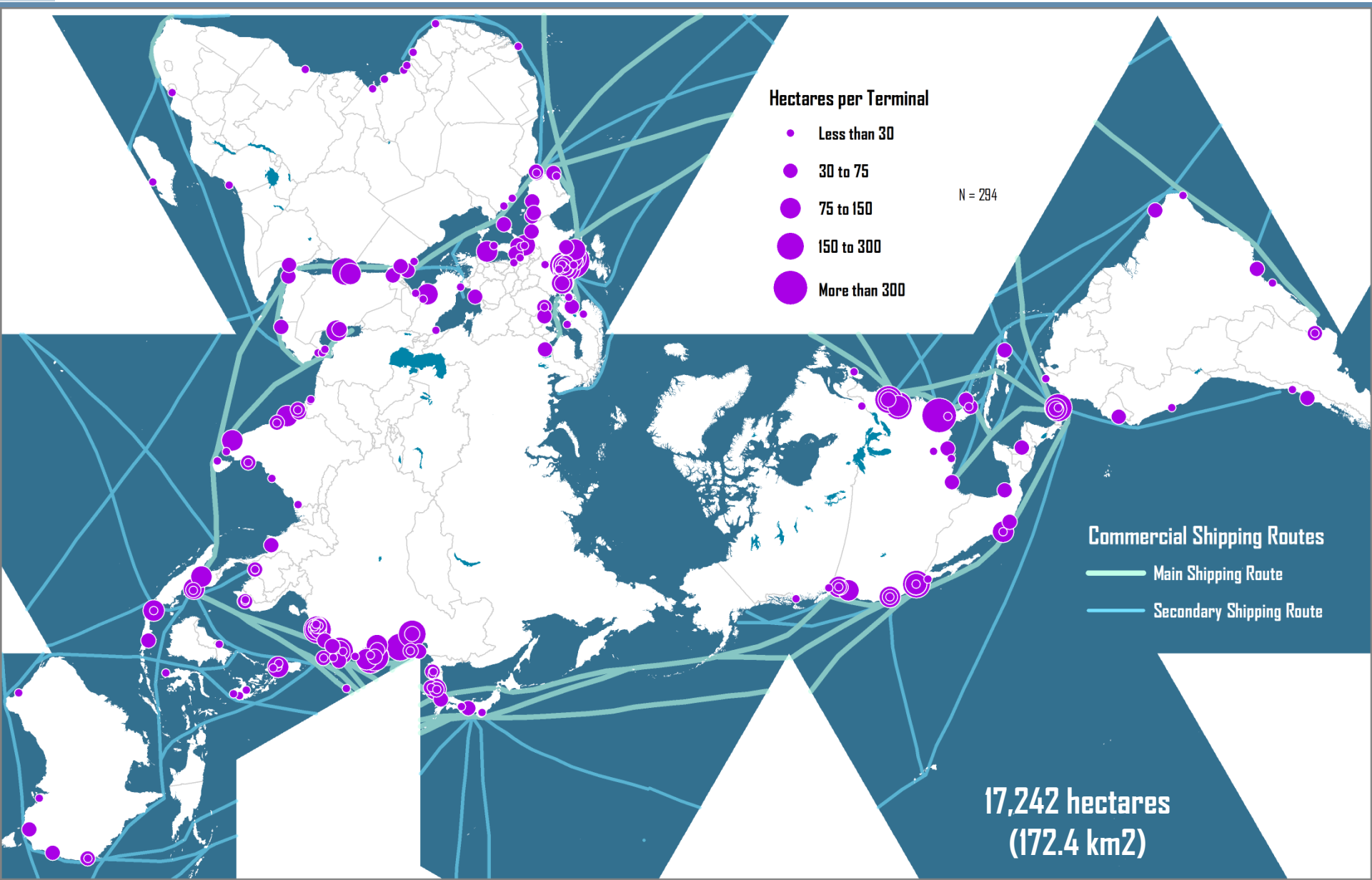
International Seaborne Trade and Exports of Goods, 1955-2014



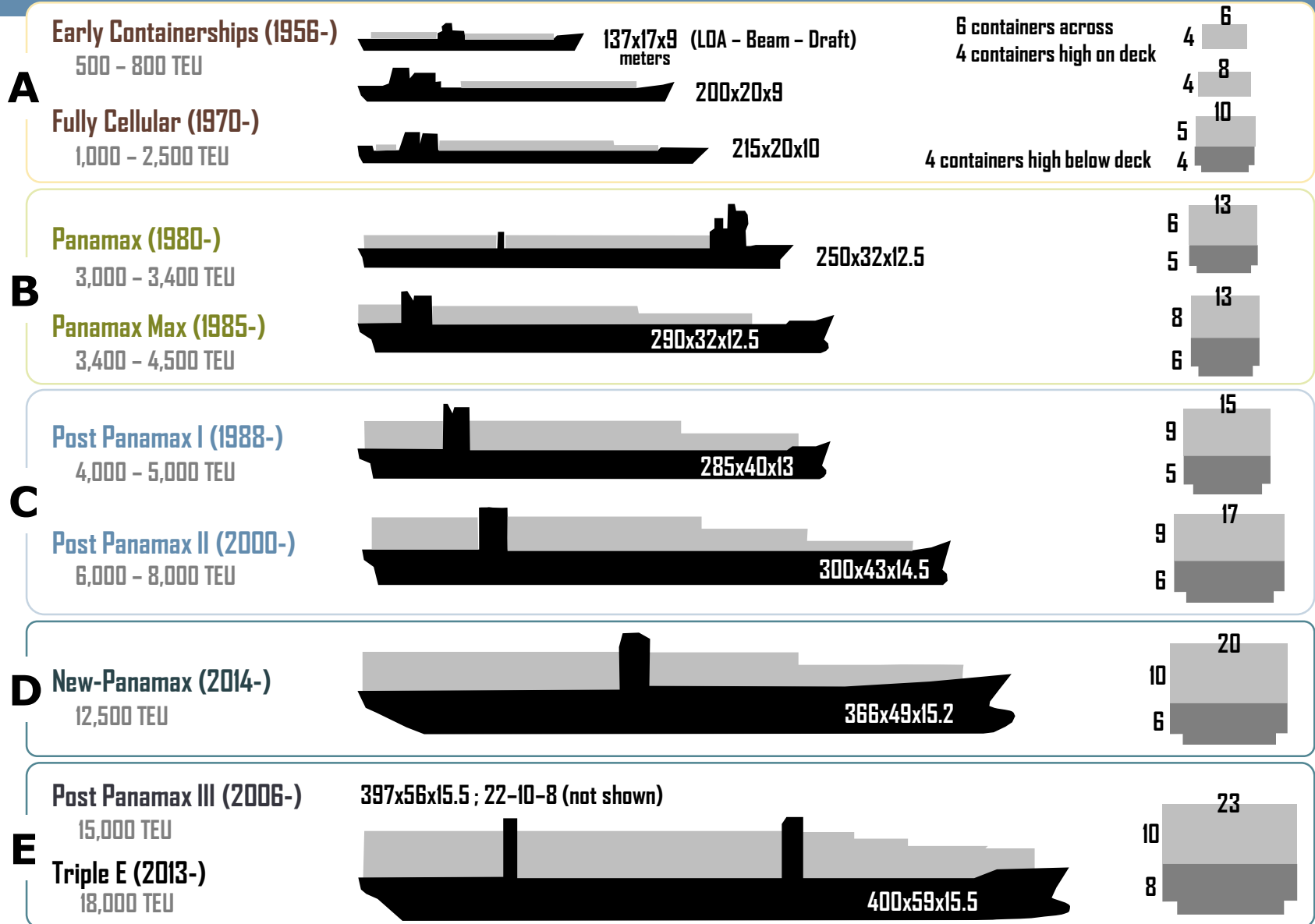
Blue Highways: Maritime Shipping



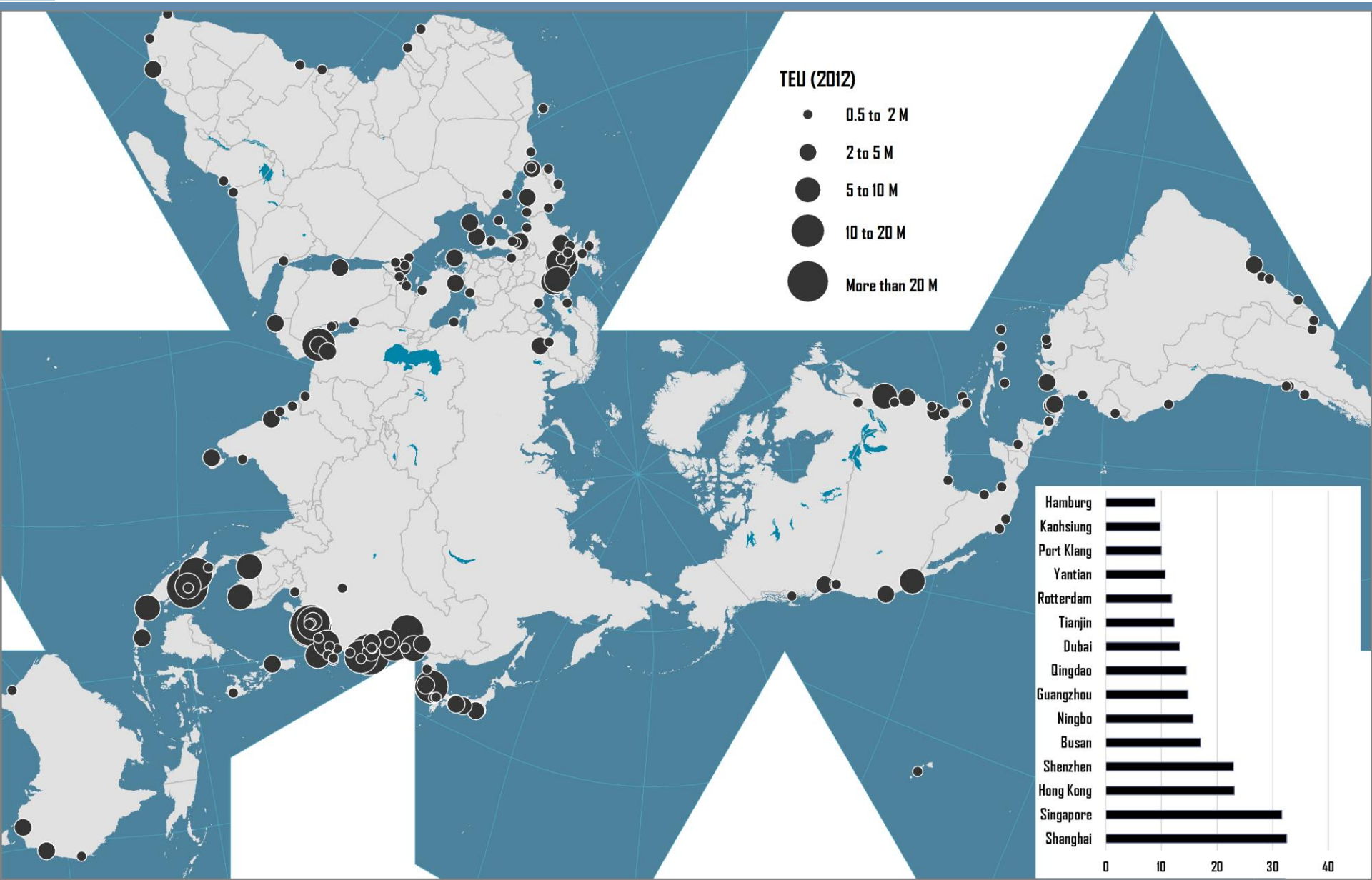
The Blue Pinch: Terminal Surface Controlled by the Main Global Terminal Operators



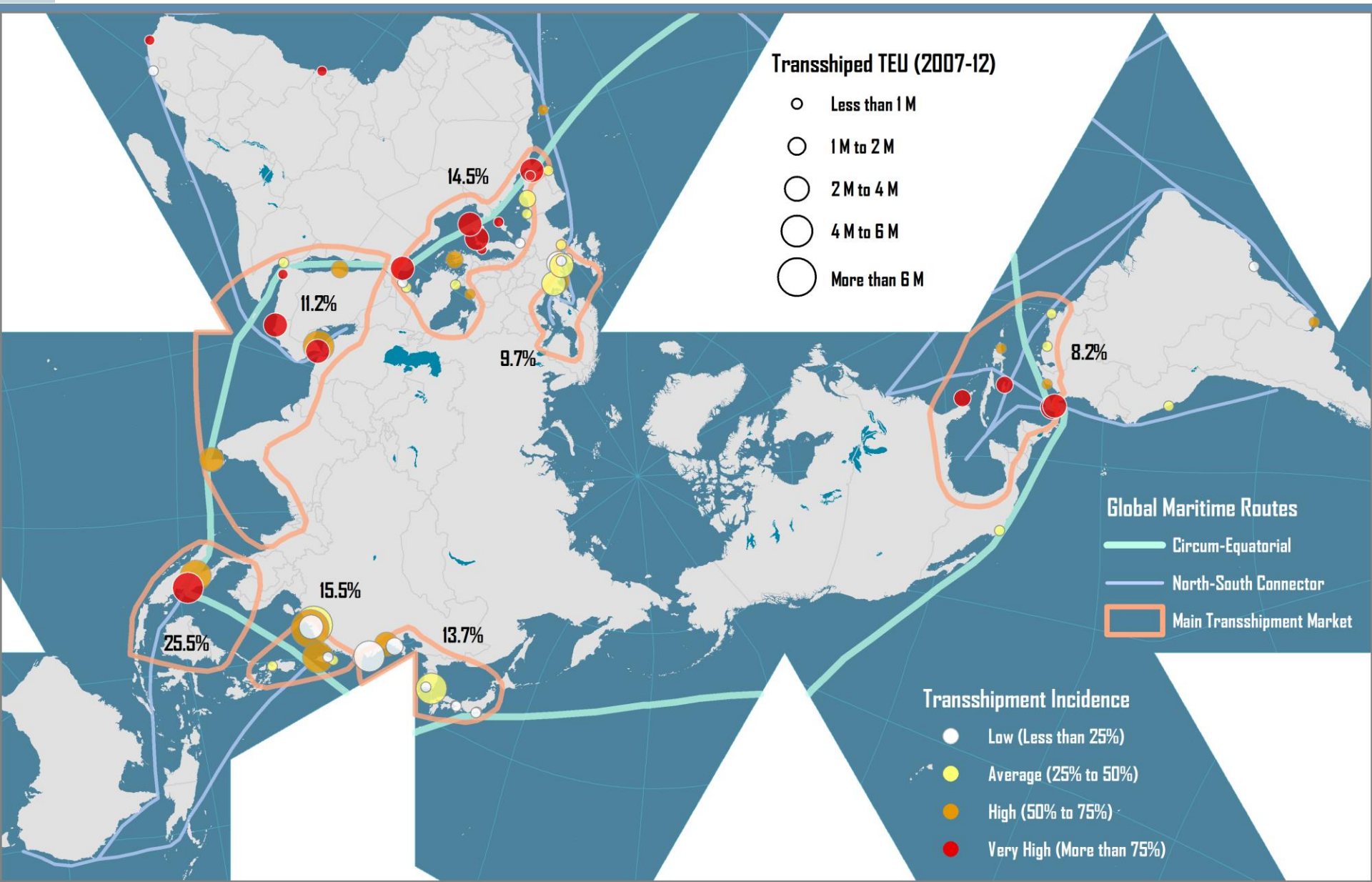
The Big Blue: Evolution of Containerships



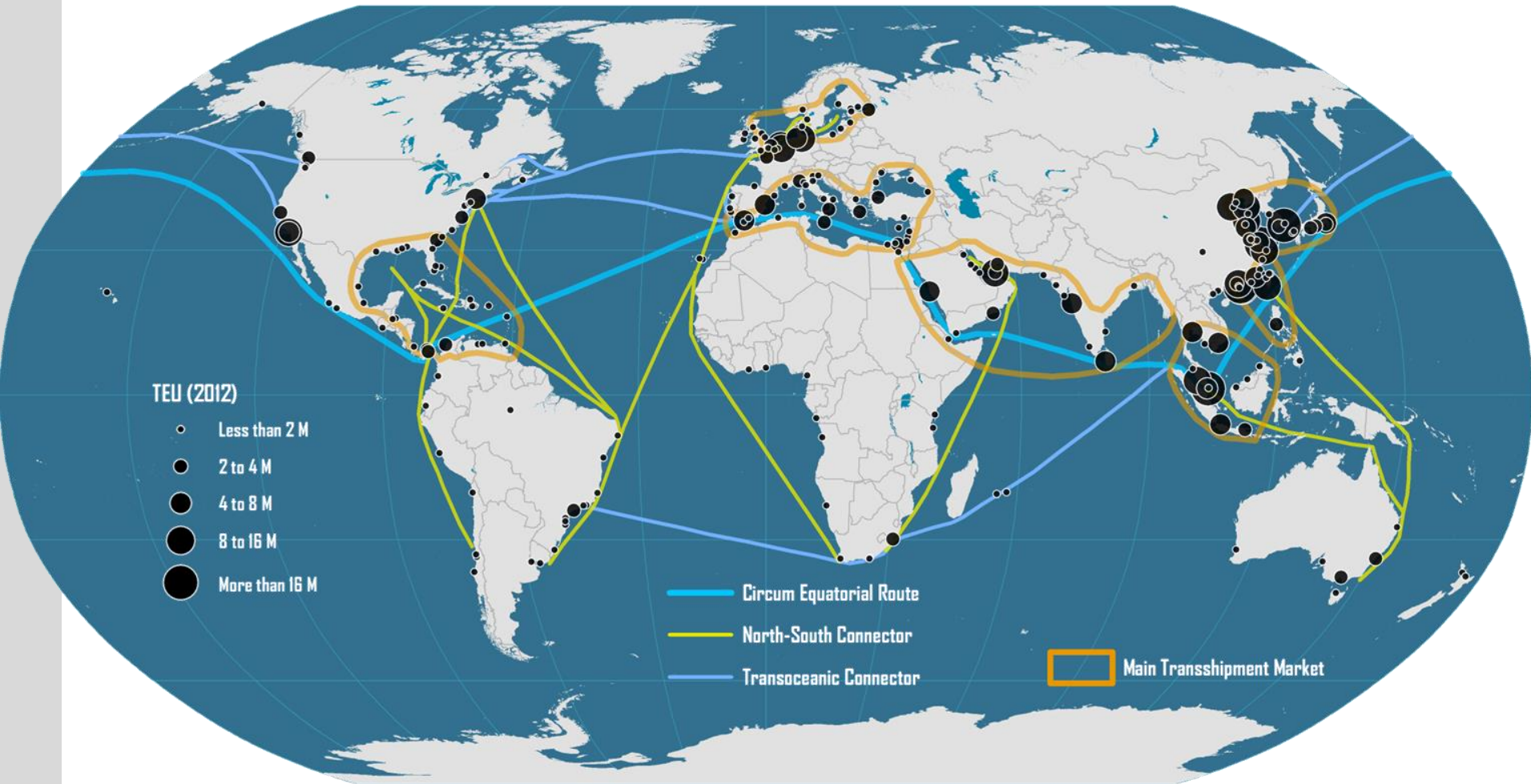
World's Major Container Ports, 2012



Transshipment Volume and Incidence by Major Ports, 2007-12

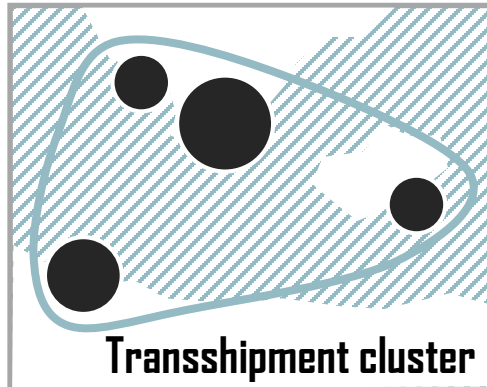
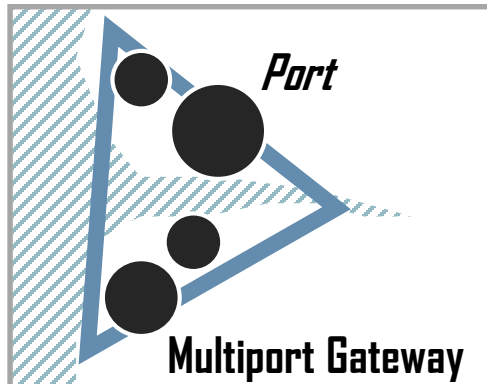


Emerging Structure of the Ocean Economy

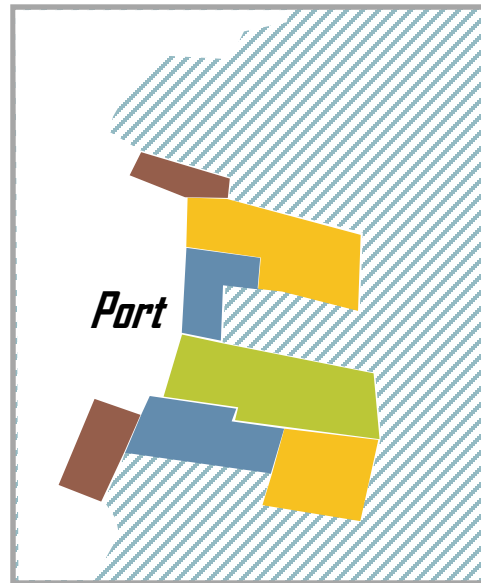


The Spatial Organization of the Ocean Economy: Maritime Clusters

Port Clusters

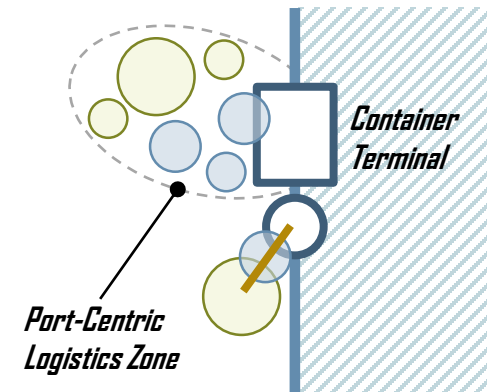


Terminal Clusters



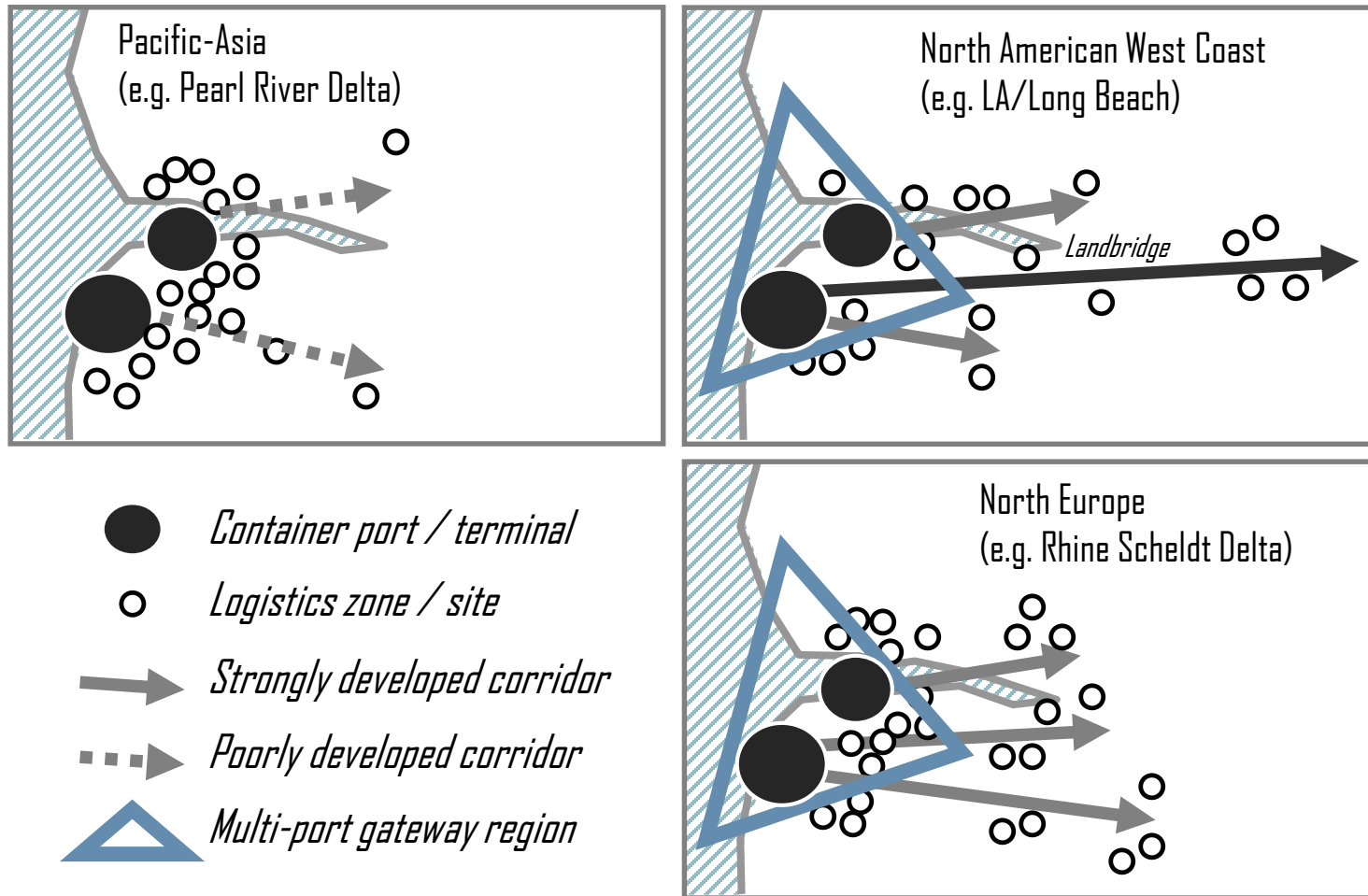
- Terminal operator A (Container)
- Terminal operator B (Container)
- Terminal operator C (Bulk)
- Port authority

Port / Logistics Clusters

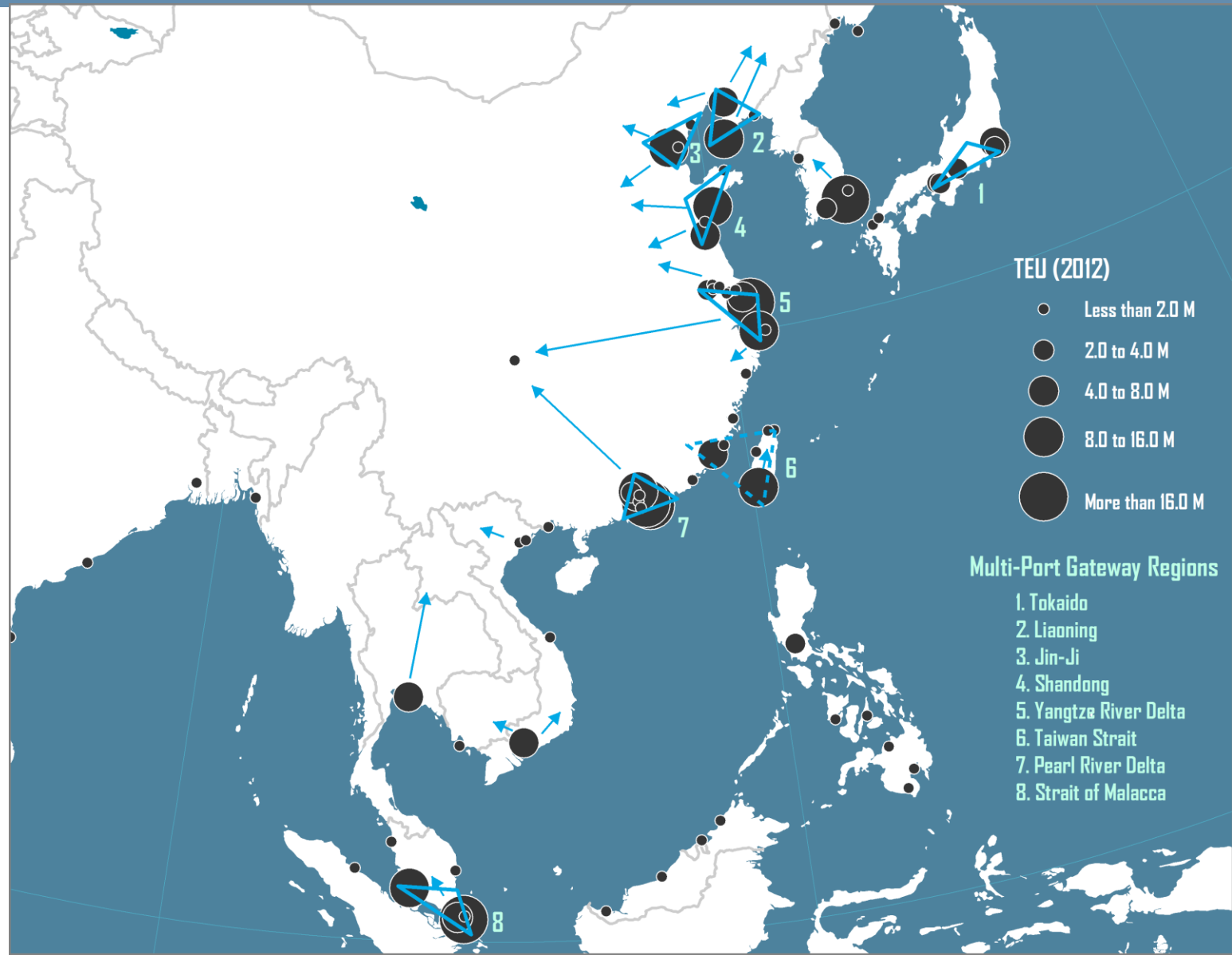


- First Tier Logistics
- Second Tier Logistics
- Bulk

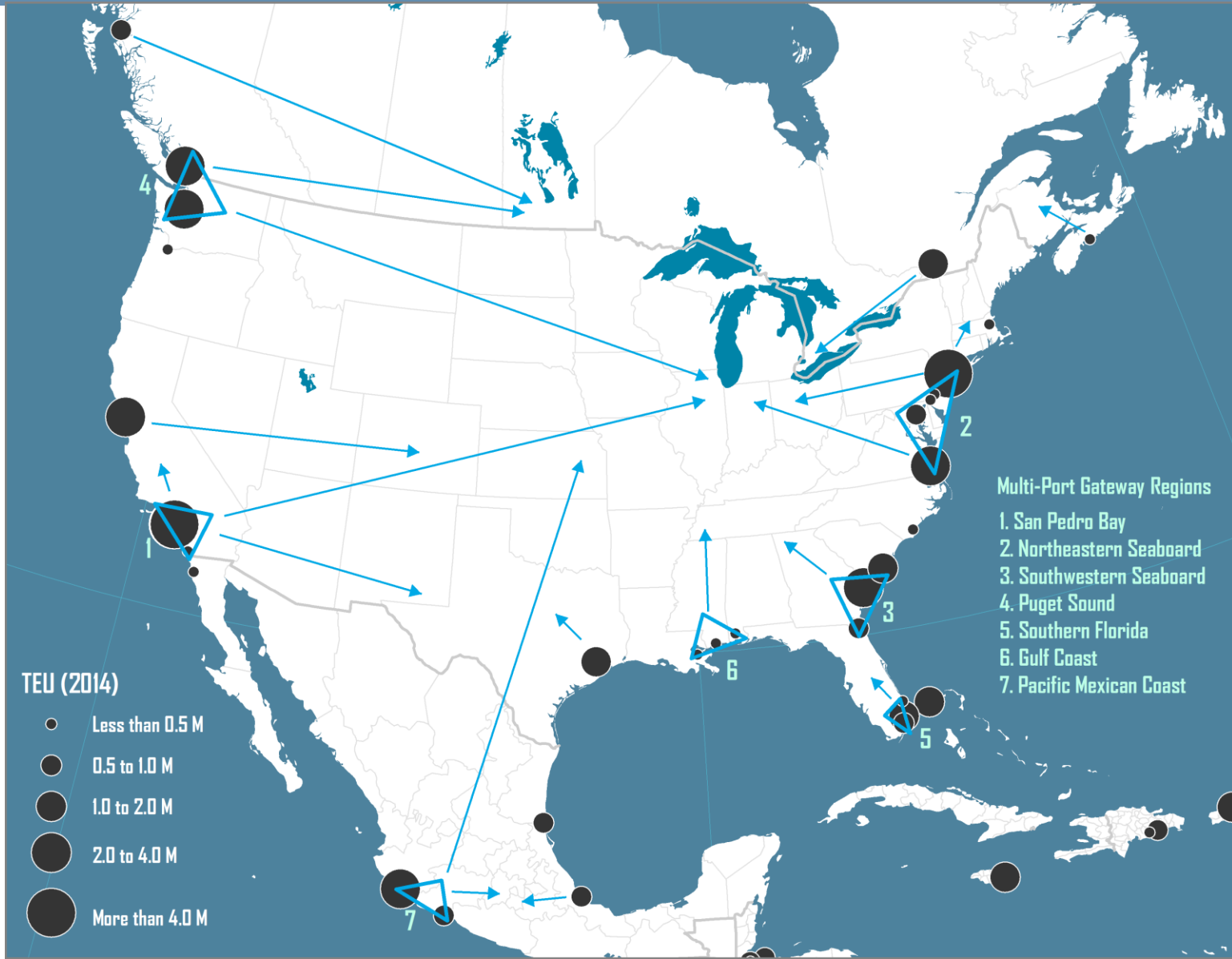
The Geographical Setting of Multi-port Gateway Regions



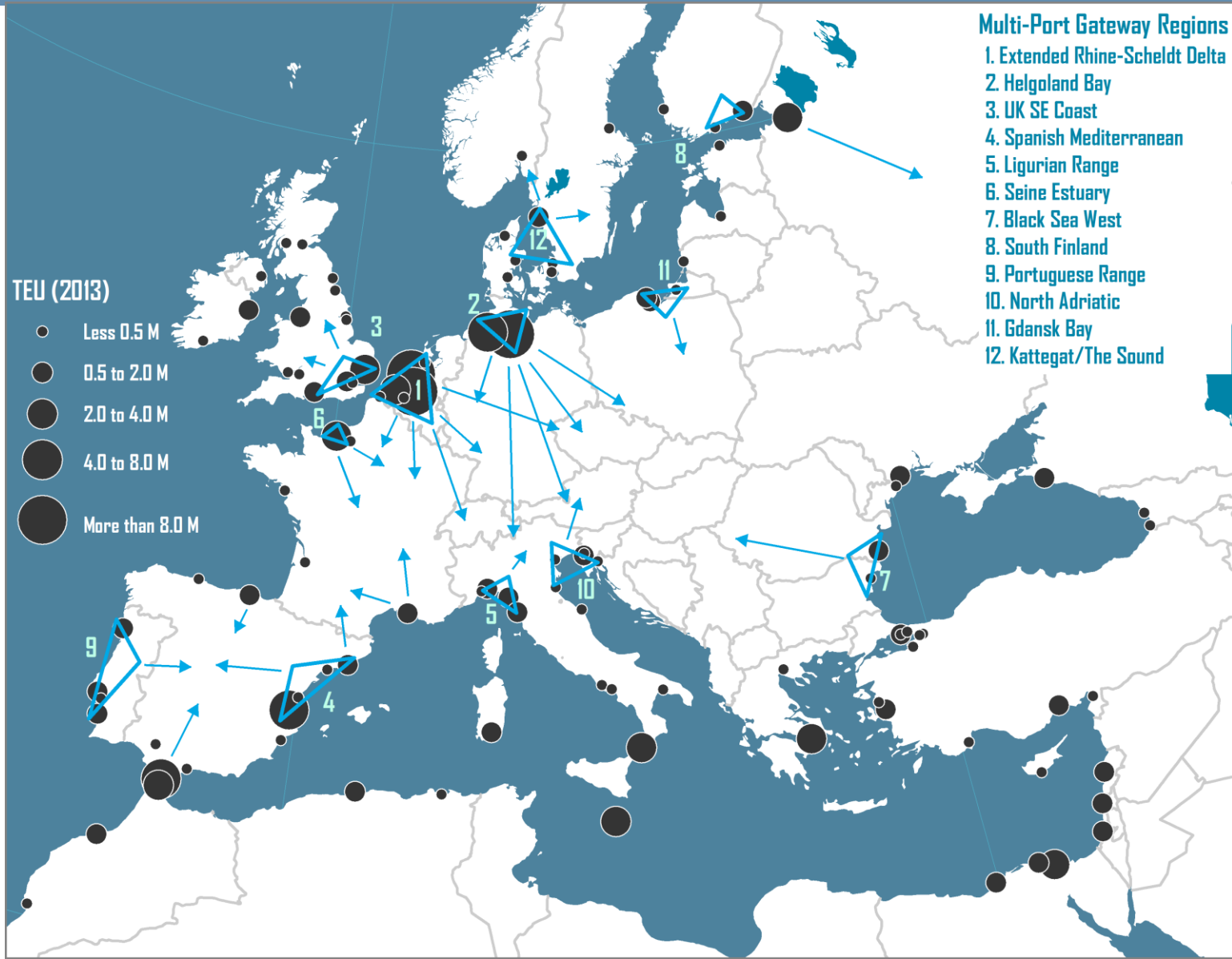
The East Asian Container Port System and its Multi-port Gateway Regions



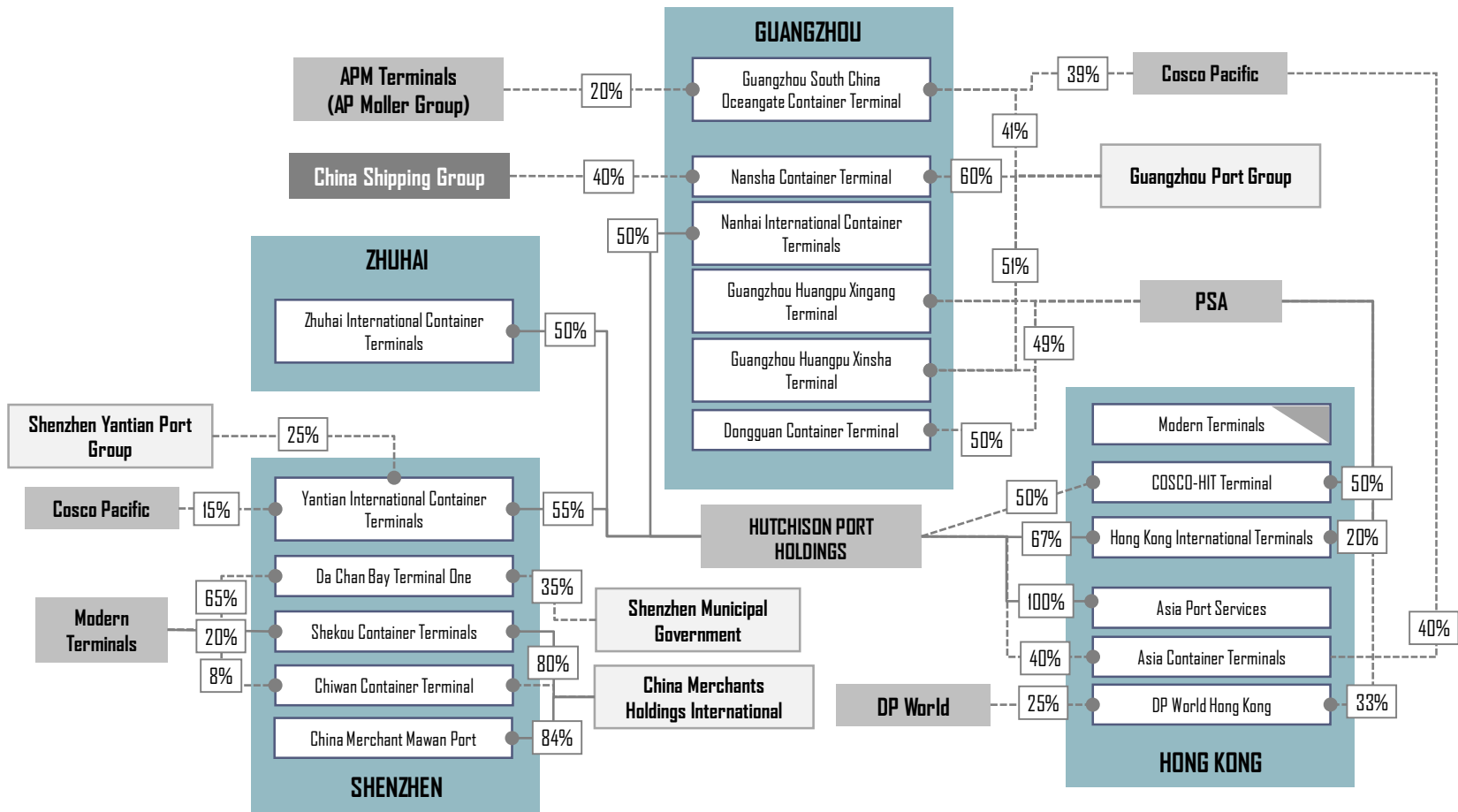
The North-American Container Port System and its Multi-Port Gateway Regions



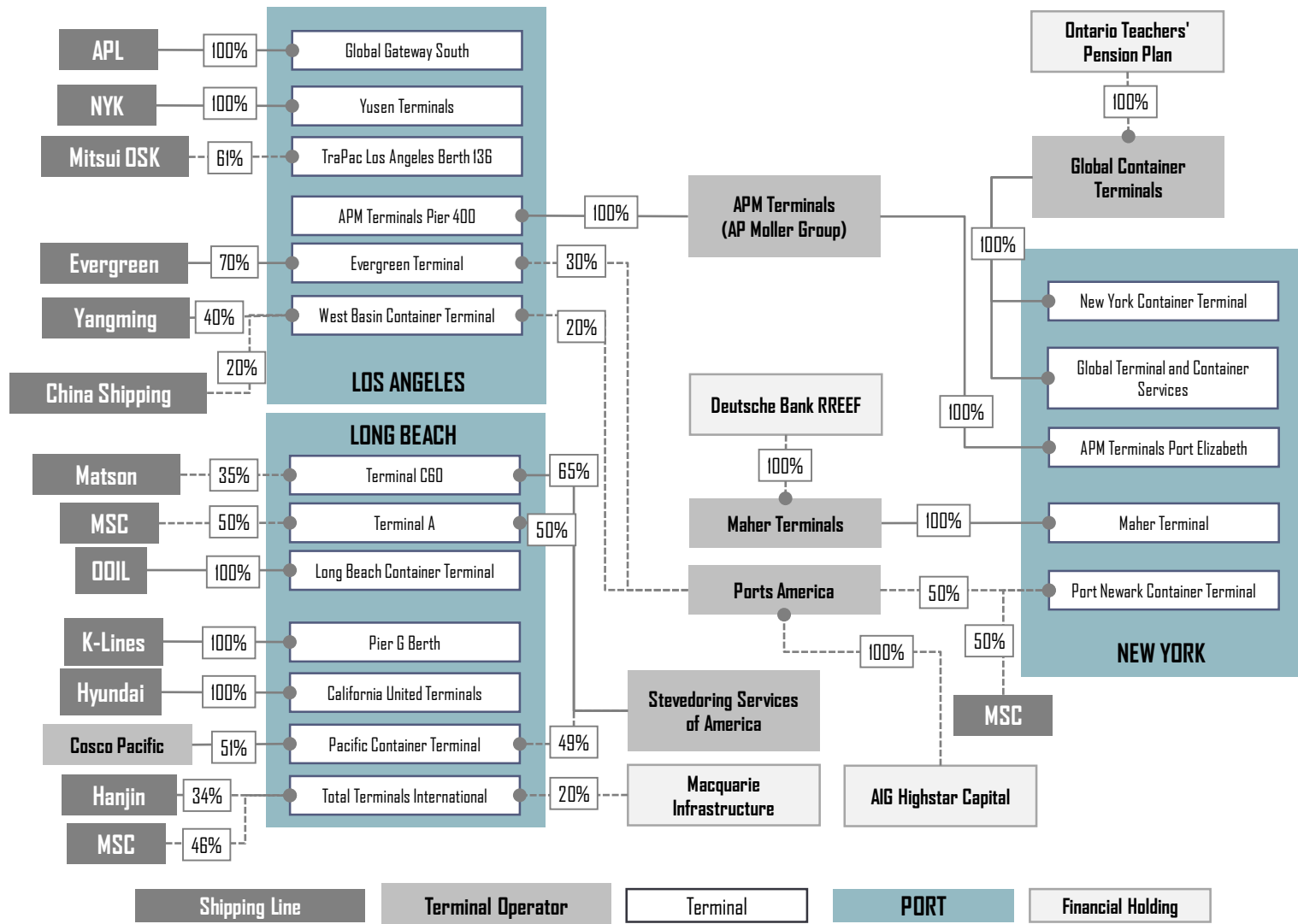
The European Container Port System and its Multi-port Gateway Regions



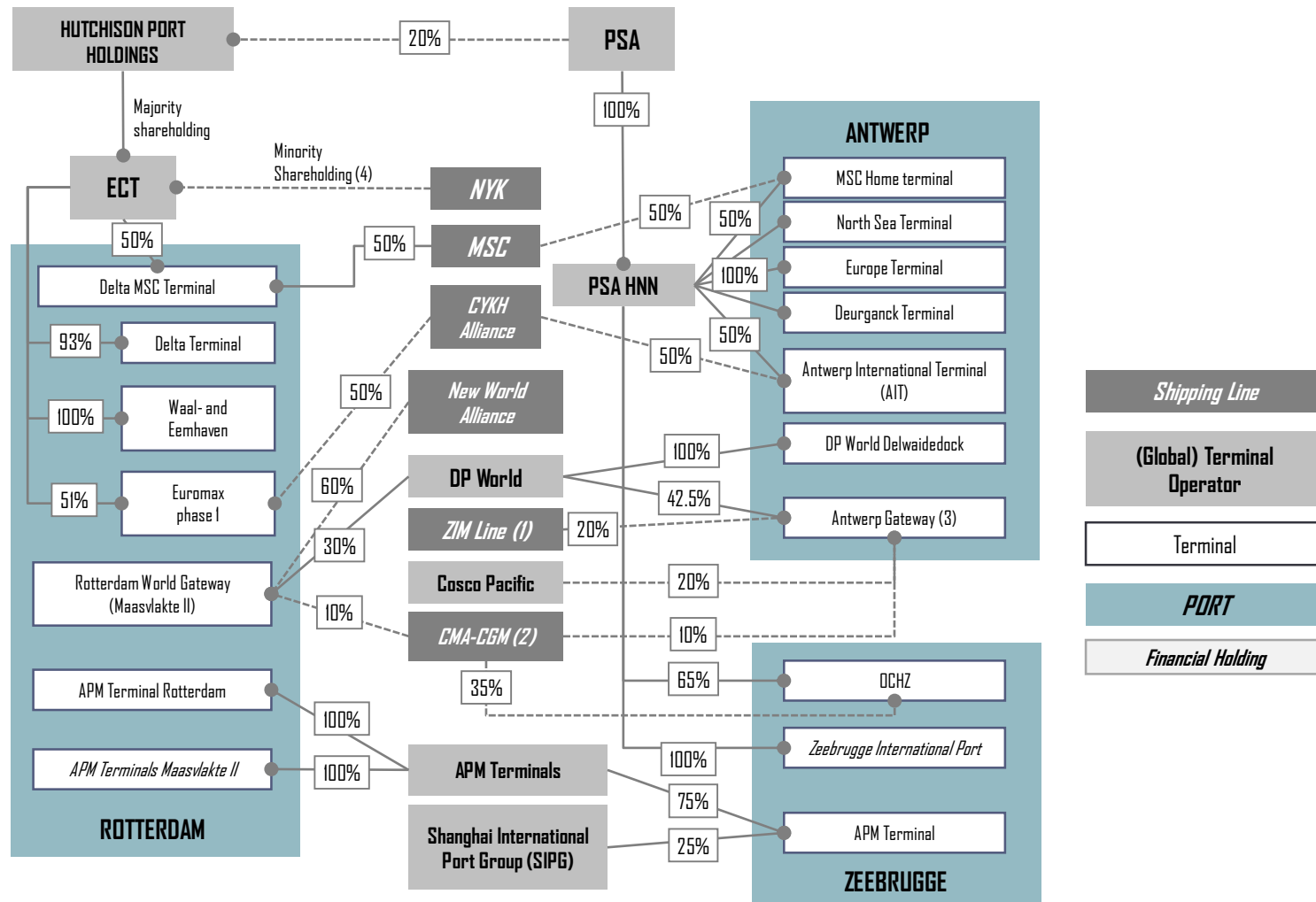
Inter-firm Relationships in the Main Container Ports of the Pearl River Delta, 2015



Inter-firm Relationships in the Three Main Container Ports of North America, 2015

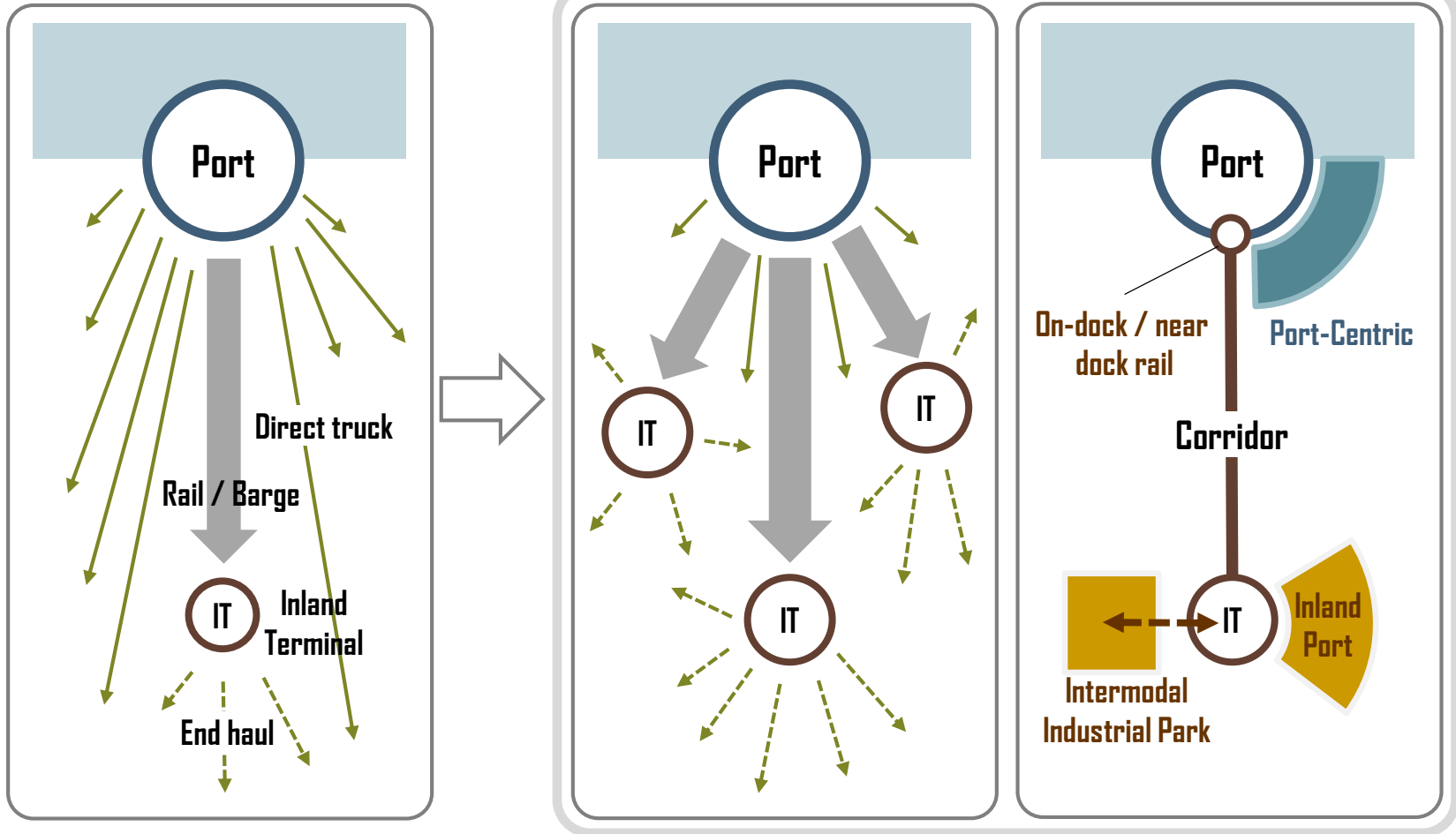


Inter-firm Relationships in the Three Main Container Ports of the Rhine-Scheldt Delta, 2015

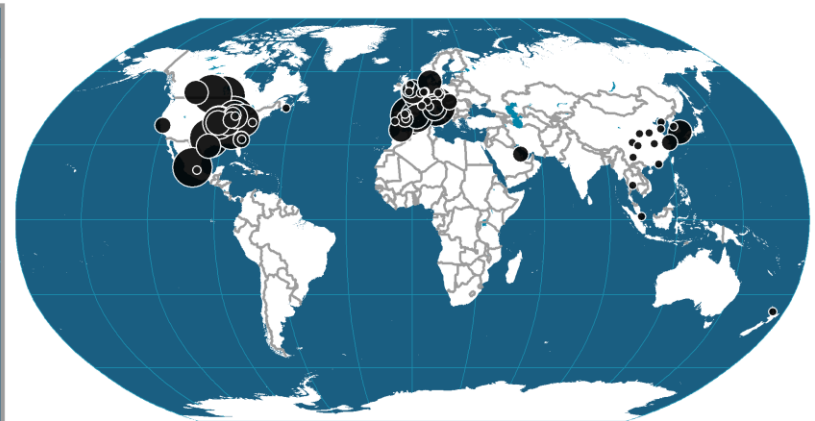
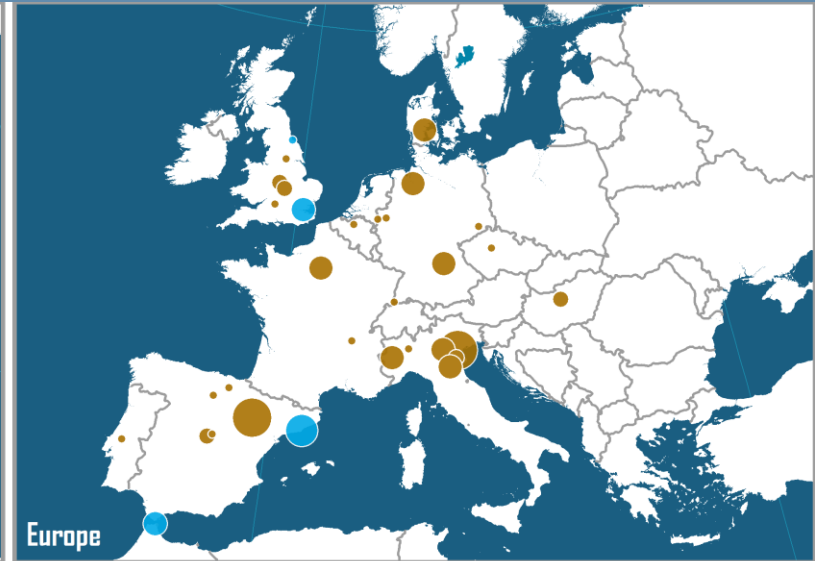
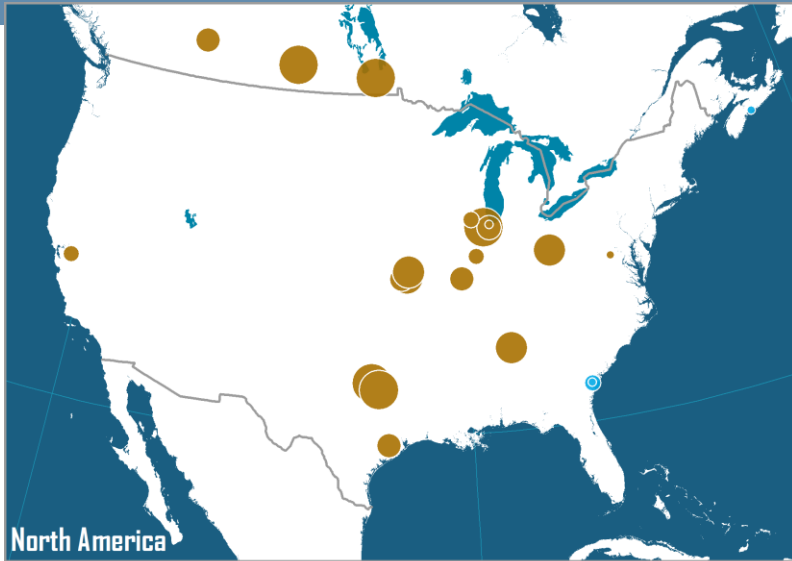


The Massification and Clustering of Transportation in Inland Systems

Inland Load Center Network Formation and Logistics



International Inventory of Inland Ports and Port Centric Logistics Zones



Size in Hectares

• Less than 100

• 100 to 200

● 200 to 500

● 500 to 1,000

● More than 1,000

● Port Centric Logistic Zone

● Inland Port (Terminal or Complex)