



YOUR PORT OF EXCELLENCE

Port of Helsinki Harbours



Port of Helsinki

- Commercial enterprise
- Personnel 185
- Turnover 87 M€
- Total traffic (2011) 11.2 Mtons
- Unitised cargo (2011) 10,2 Mtons
 - Market share 25 % of the general cargo (tons) in Finnish ports
 - Market share 40 % of Finland's seaborne foreign trade (value)
- Passenger traffic (2011) 10.3 M passengers
 - Market share 77 %
- Frequency port
 - High frequency, 150 departures a week
 - Line traffic destinations 28
- Strategic location



Vuosaari Harbour



South Harbour



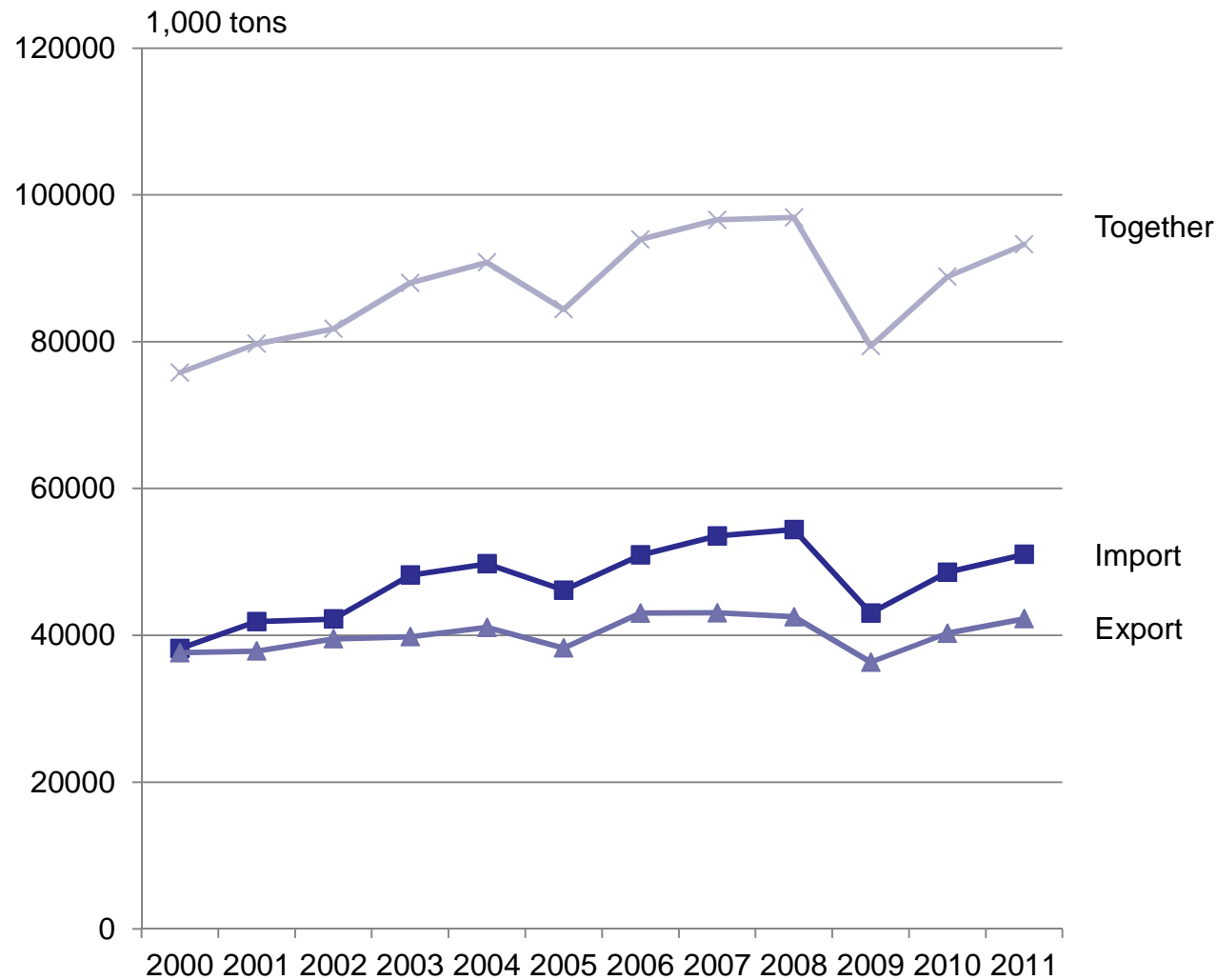
West Harbour

Helsinki Harbours, West Harbour - Development

- Functional connections to passenger harbour
 - Tram connection
 - Metro connection
 - Functional street network
- Modern and fully new terminal concept
- New extension area to effective use
- Improvement of sea fairway

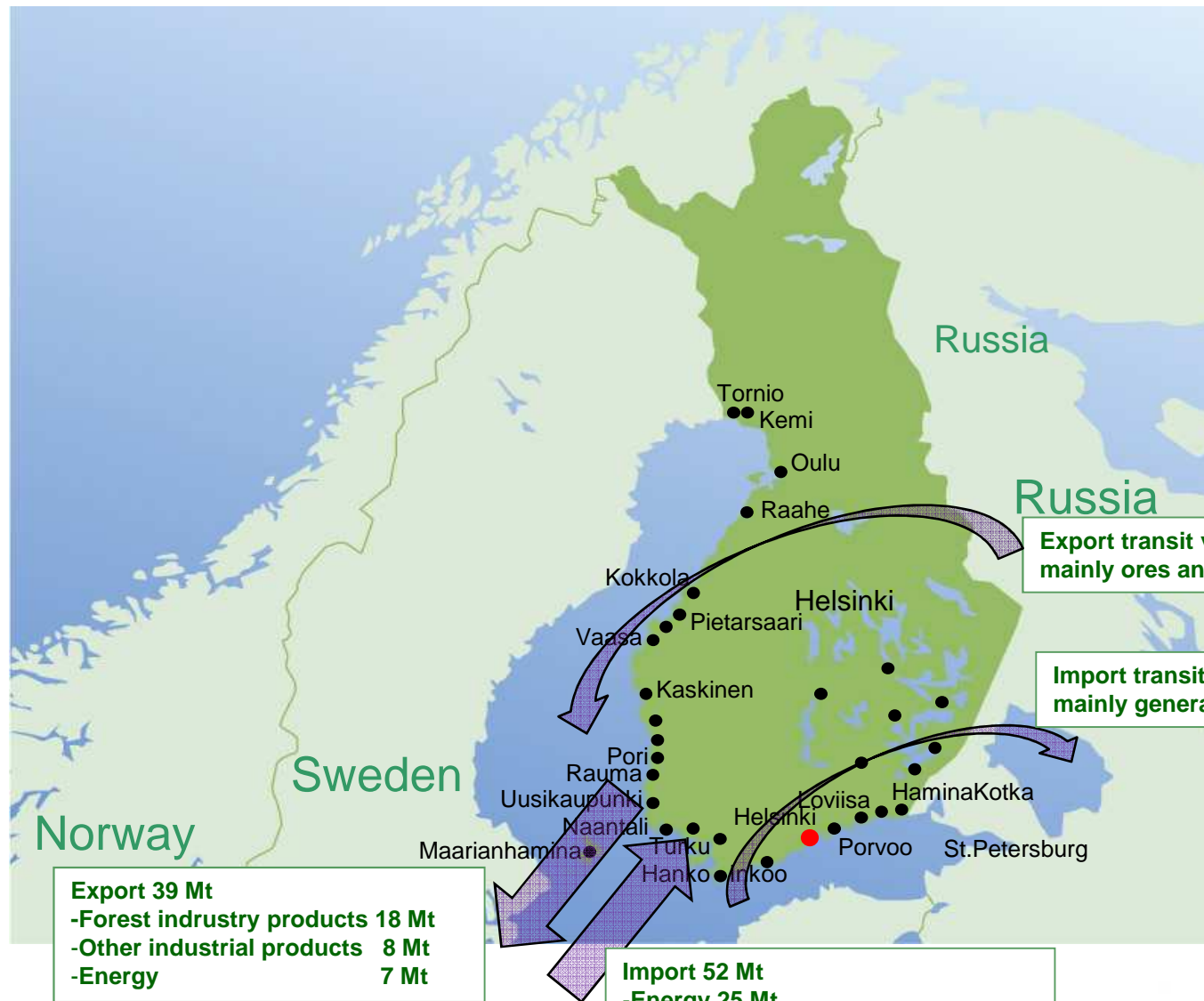


Cargo Traffic in Finnish Ports



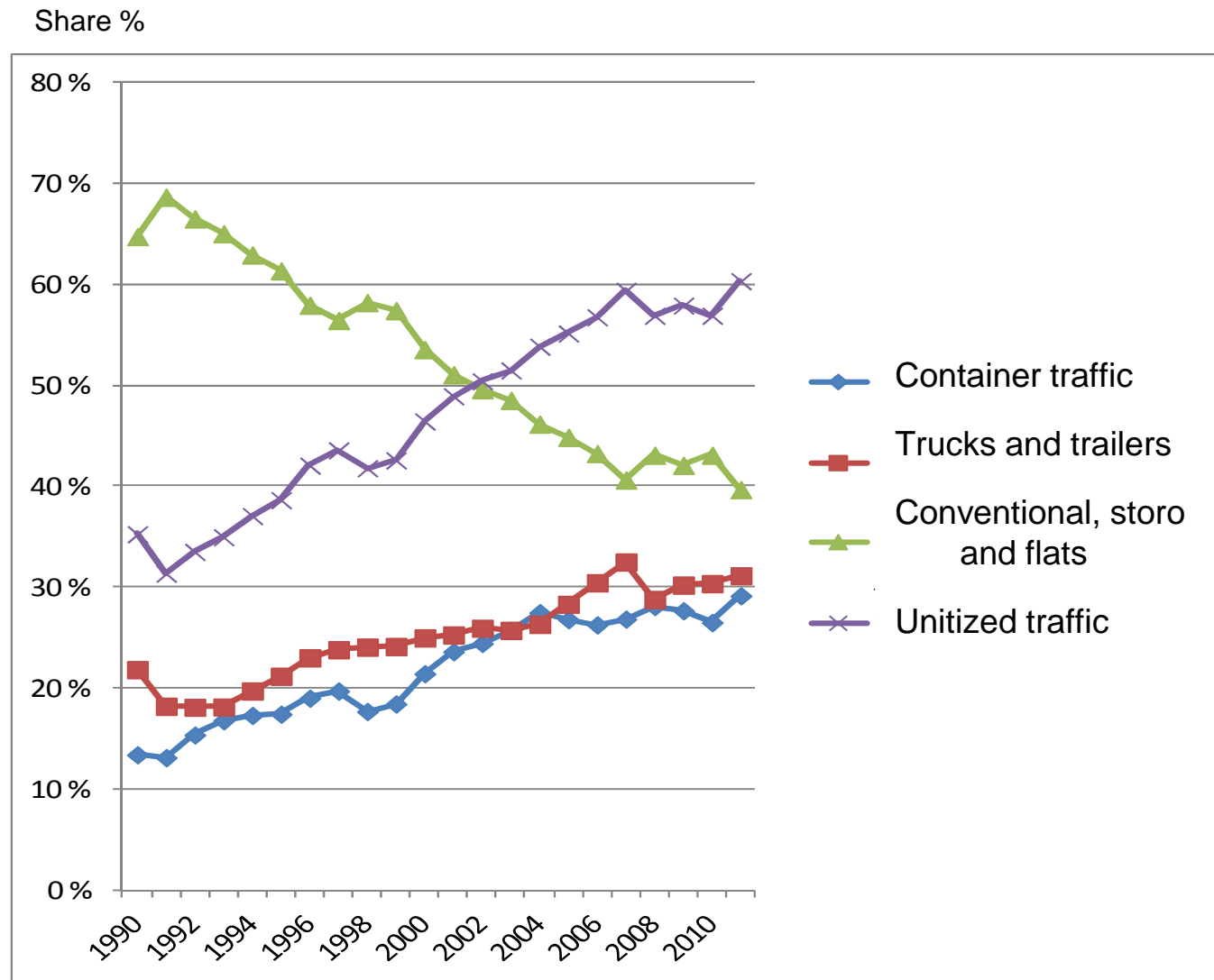
Source: Finnish Transport Agency

Finnish General Ports and Main Cargo Traffics



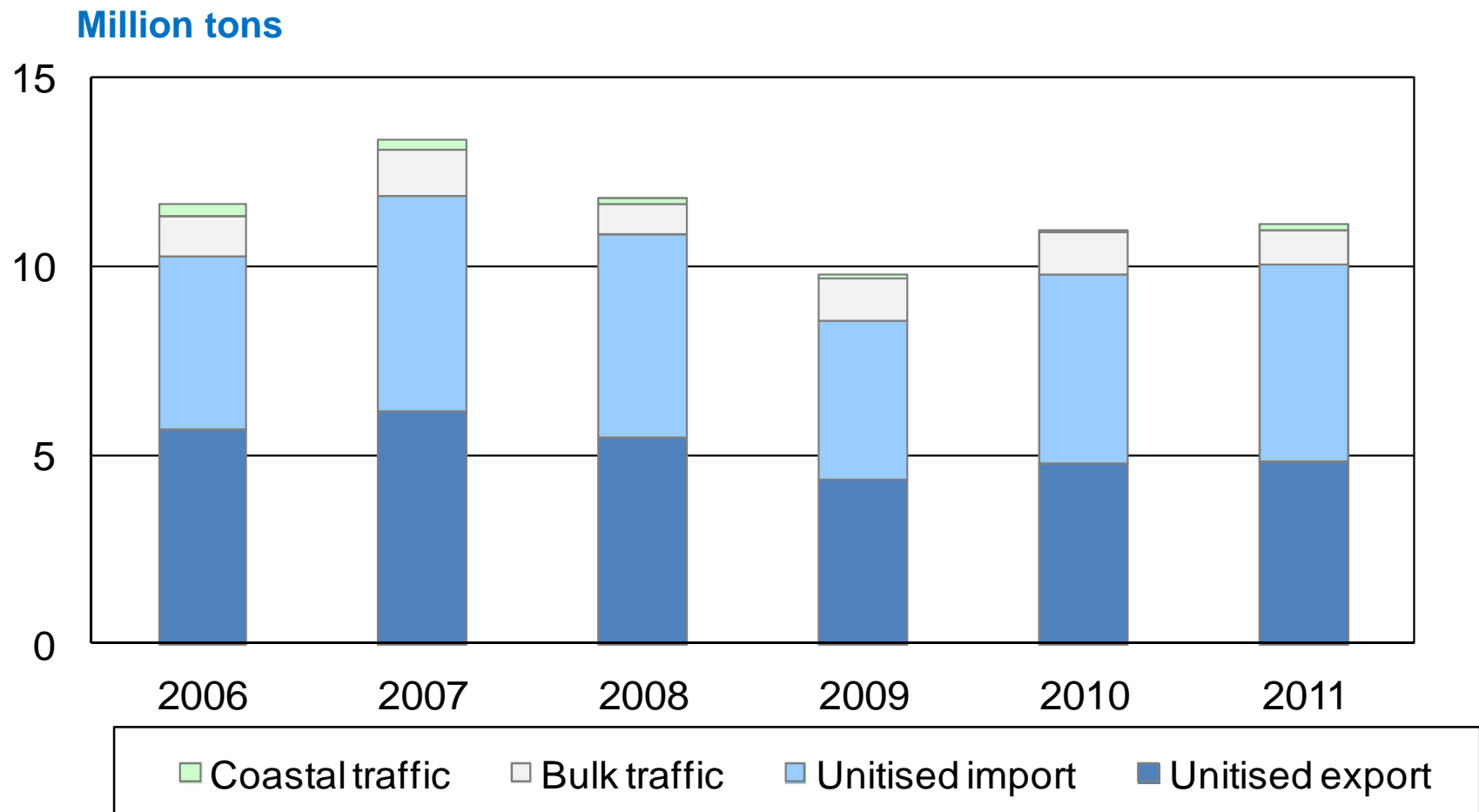
- 80 % of Finland's foreign trade is transported via ports
- Port network:
 - 30 general ports
 - 19 private ports

General Cargo in Finnish Ports by Transport Mode



Source: Finnish Transport Agency

Cargo Traffic in Port of Helsinki



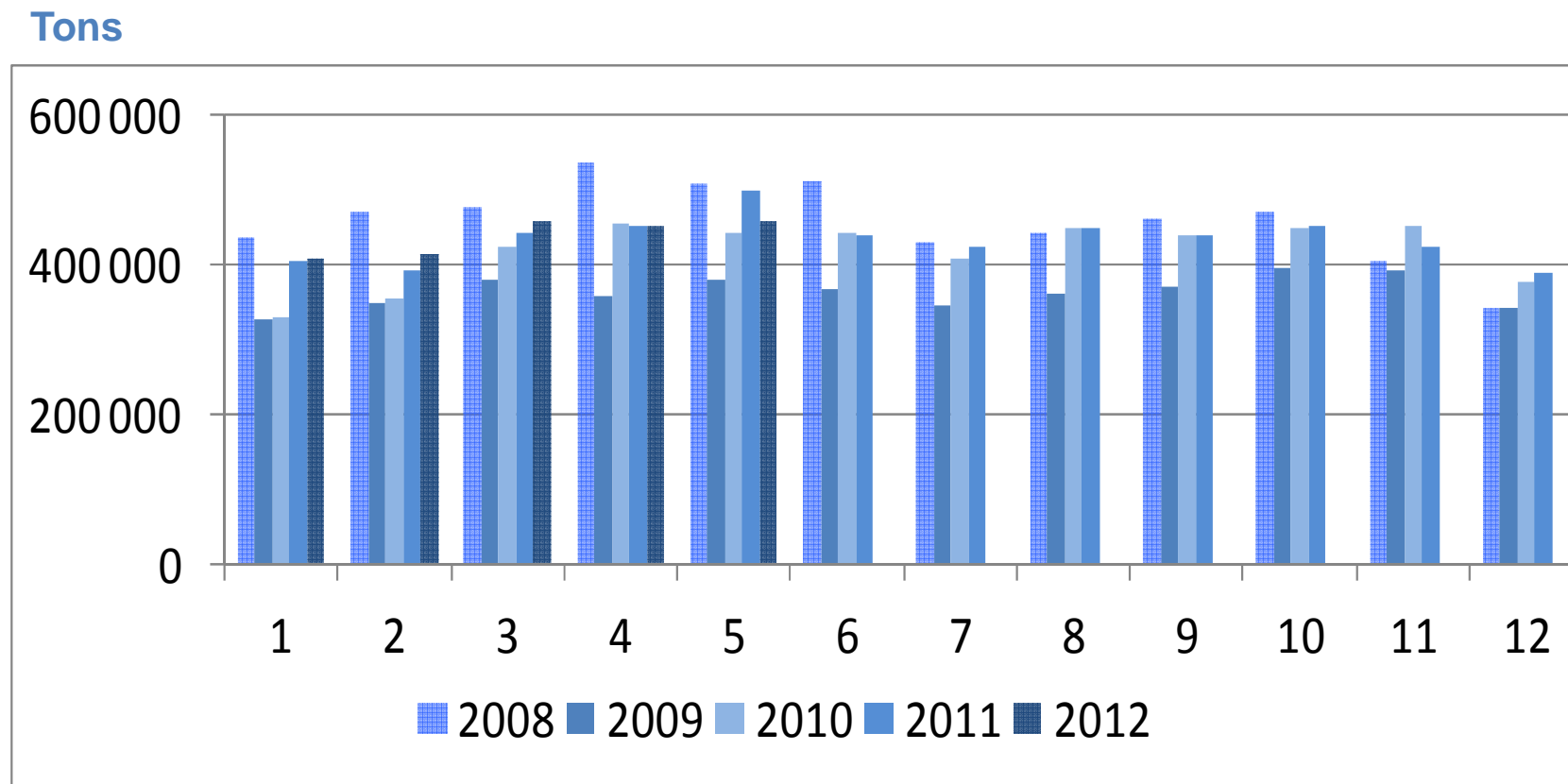
Passenger Traffic in Port of Helsinki

- liner traffic



Unitised Cargo 2008-2012

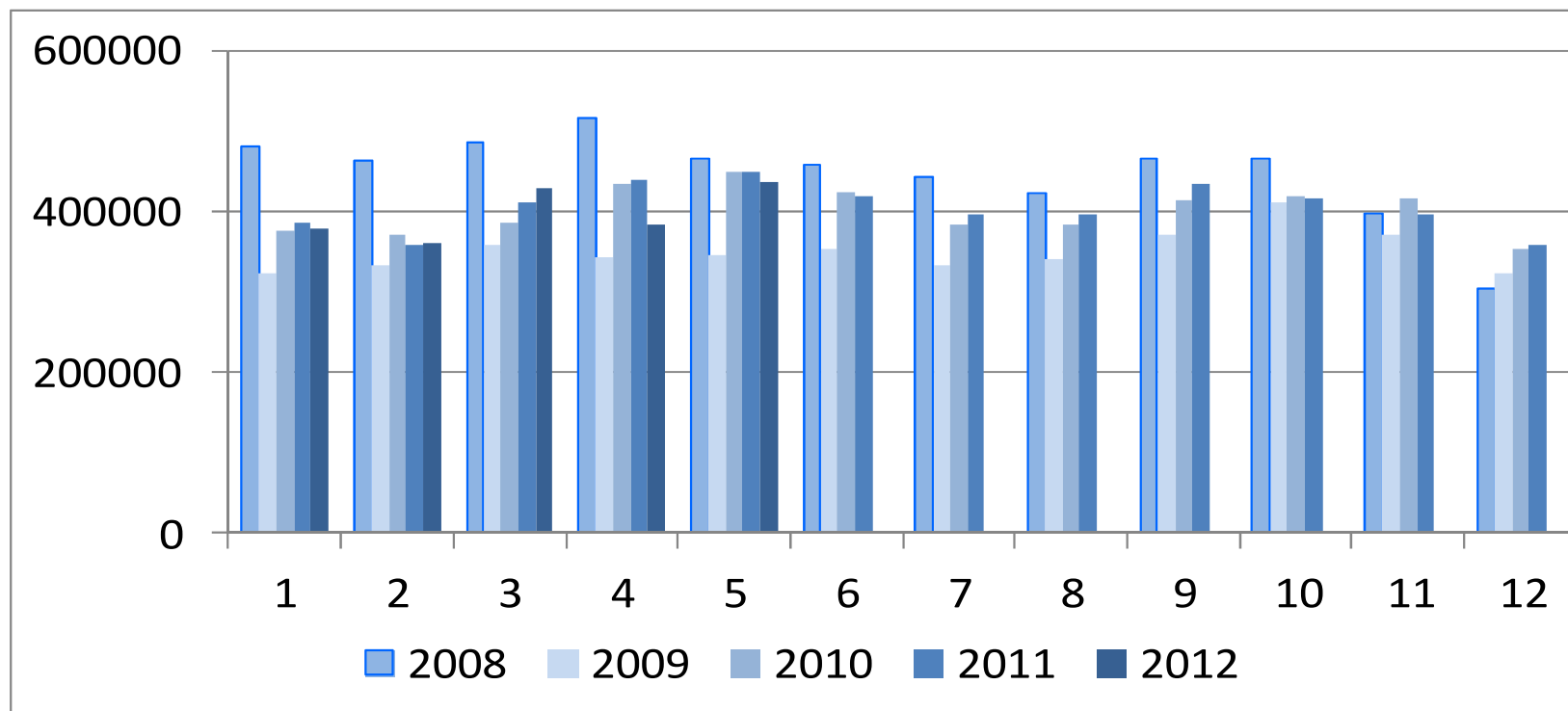
Import



Unitised Cargo 2008-2012

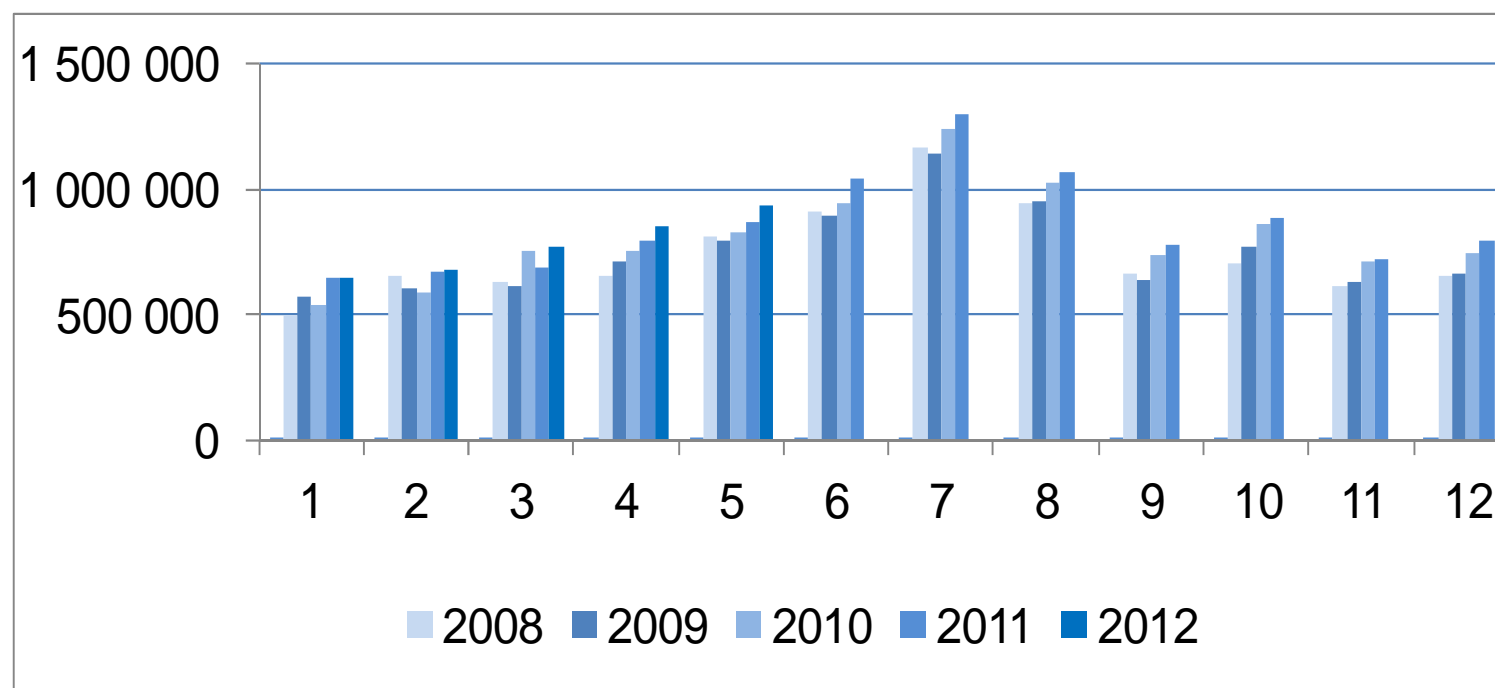
Export

Tons



Passenger Traffic in 2008-2011

Passengers



Finnish sea transports and IMO regulations

SECA regulation 2015

- New regulation is concerning all sea transports to and from Finland
- Brings for Finnish forest industry additional costs for several hundreds of millions annually, when using low-sulfur bunker
 - Availability and the price level as a question mark
 - The price level has the influence also for truck fuel prices
- Scrubber technology perhaps a suitable solution for part of the vessels
 - Regulation concerns about 100 vessels sailing in Baltic Sea area
 - About 20 – 30 are suitable for scrubber installations
 - Presently few scrubbers under test operation, but non of them are working properly
 - Installation to all the fleet takes several years
- LNG a good solution for new-buildings, not suitable for present fleet

NECA regulation 2016

- Concerning only new-buildings
- Catalyst a suitable solution, increases the costs of the vessel approx. 3 %

Transport routes from/to Finland and SECA regulation

1. Finland – Continent sea route

- Main route to the continent, general cargo volume from South of Finland to the continent (Baltic Sea area) more than 10 Mt / year
- Market price level for a trailer to the destination about 1 000 - 1500 EUR, SECA regulation can increase the sea freight even 30 – 50 %

2. Via Baltica

- Increasing route to the eastern Europe and central Europe, from Finland about 3 Mt/year
- More than 50 % of cargo continues to (from) south of Estonia
- Market price to the continent about 1500 - 1800 EUR, SECA regulation can increase the costs about 10 – 20 %

3. Through Sweden

- Good route to the Denmark and western Europe area
- New bridge between Copenhagen and Malmö also improves the situation
- SECA regulation can increase the total freight about 10 – 20 % (Also the increase of truck fuel)

➔ About 20 – 30 % of the route 1 volumes to the optional routes 2 and 3 after 2015? Mainly to the route 2?

