



Short sea shipping connectivity

**Enhancing ASEAN Logistics
Services Conference**
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Peter van Duyn Maritime Industry Expert



Introduction

- Maritime Industry Expert at ISCL
- Over 30 years experience in private enterprise and government agencies
- GM role in Australian container stevedoring industry Patrick/Asciano
- Master Mariner

ASEAN Map



One Vision, One Identity, One Community

Importance of Shipping in ASEAN countries

- Shipping has been used for thousands of years
- Philippines over 7,000 islands
- Indonesia over 17,000 islands
- East and West Malaysia
- Inland river trade in some countries
- Current road and rail infrastructure is not able to cope with growth in trade
- Increased affordable travel by air only in the last decade

Pre-historic coastal shipping



Current coastal shipping (freight)



Current coastal shipping (freight) continued



Current coastal shipping (passengers)



European example of short sea shipping



DFDS European network

Barge terminal in Belgium

TCT Belgium

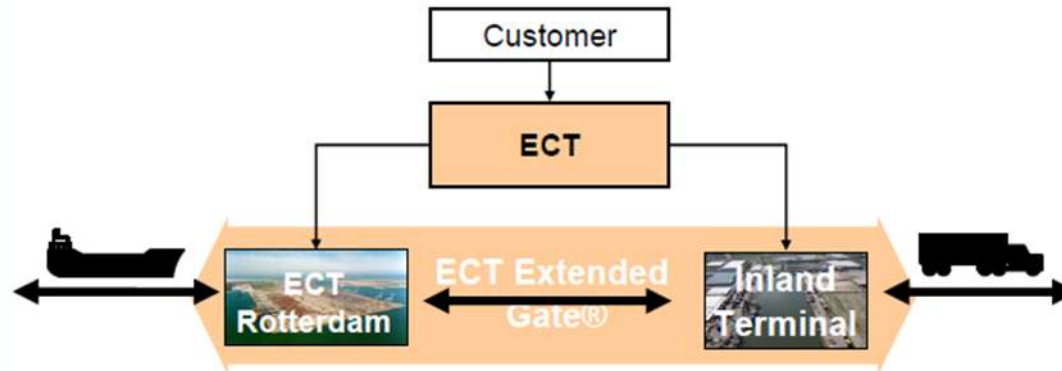
Total area: 6.5 Ha

Quay length: 350 M



Synchro-modal transport

Extended Gate concept



Concept

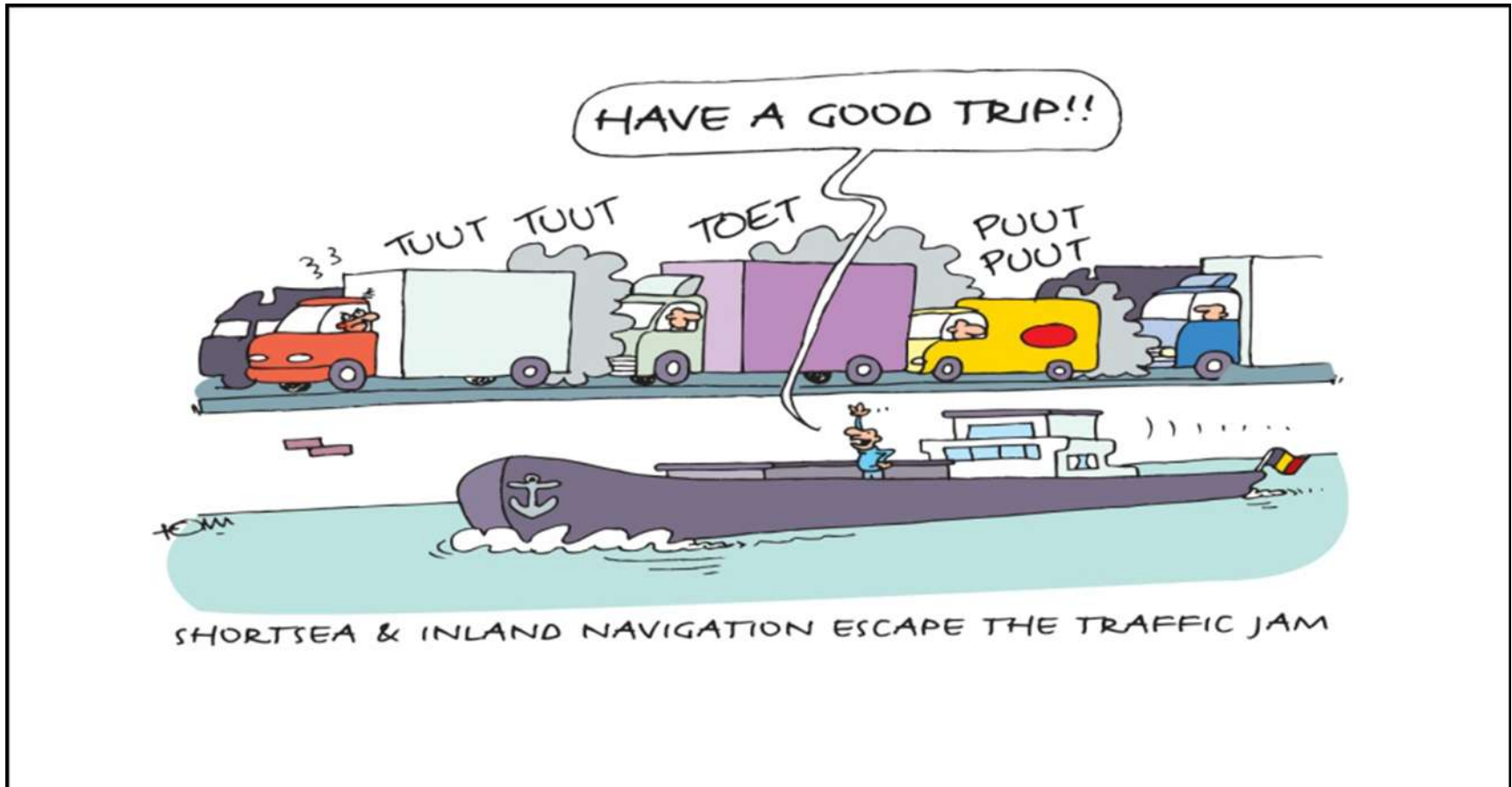
- Inland terminal is extension of ECT deepsea terminal
- One-stop-shopping via central (E-)bookingsdesk
- Just-in-time import & export availability
- Simplified customs legislation (no documentation)

ect

Barge terminal in Duisburg Germany



European solution



- Total number of people across ASEAN countries 616 million
- Population growth rate 1.4% (2011/2012)
- Growth rate of GDP per capita 4.2% (2011/2012)
- Foreign investment US\$128.4 billion (2013)

ASEAN shipping statistics for 2012

- International ports 457
- International vessel calls 298,000
- International sea cargo (tonnes) 1.8 billion
- International containers (TEUs) 56.6 million

ASEAN shipping statistics continued

- Domestic ports 2,695
- Domestic passenger fleet vessels 16,926
- Domestic passenger traffic 98.8 million
- Domestic cargo fleet vessels 15,297
- Domestic sea cargo (tonnes) 756.7 million

ASEAN shipping statistics continued

- River ports 6,014
- Length of inland waterways 28,816 km
- River passenger traffic 94.5 million
- River cargo (tonnes) 258.4 million

ASEAN air transport statistics 2012

- Domestic passengers carried by air 198.4 million
- International passengers carried by air 175.2 million
- Growth rate of domestic air travel 11.3 % (2011/2012)
- Growth rate of international air travel 10.7% (2011/2012)

ASEAN rail transport statistics 2012

- Length of rail tracks 19,888 km
- Rail passengers 1.7 billion
- Freight carried by rail (tonnes) 28.2 million



ASEAN road transport statistics 2012

- Total length of roads 1.5 million km of which 900,000 km is paved
- Number of passenger vehicles per 1000 persons is 57
- Growth rate of the number of vehicles per 1000 persons 7.9 % (2011/2012)
- Number of people killed 61,507 in road accidents

Current status of some ASEAN initiatives related to transport

- ASEAN Strategic Transport Plan 2011-2015 (Brunei Action Plan)
- Master Plan and Feasibility Study on the establishment of an ASEAN Ro-Ro and Short Sea Shipping Network (2013)
- ASEAN Economic Community (Single Marketplace in SE Asia)

Example of infrastructure constraints



Another example of infrastructure constraints



Summary

- A number of reports have been produced and meetings have been held over the years which highlighted the importance of infrastructure
- STOM and MTWG need to keep the pressure on governments to prioritise spending on infrastructure
- Need for better ports (including inland) for the movement of freight and passengers
- As shown in other countries improved infrastructure equals a more efficient flow of freight
- Importance of ASEAN Single Shipping Market

How not to attempt short sea shipping !





Thank you

