



SMART Container Chain Management

FFC2009 Freight Forwarders Conference

CLECAT - Brussels – 3/12/2009

Frank Knoors, Sequoyah





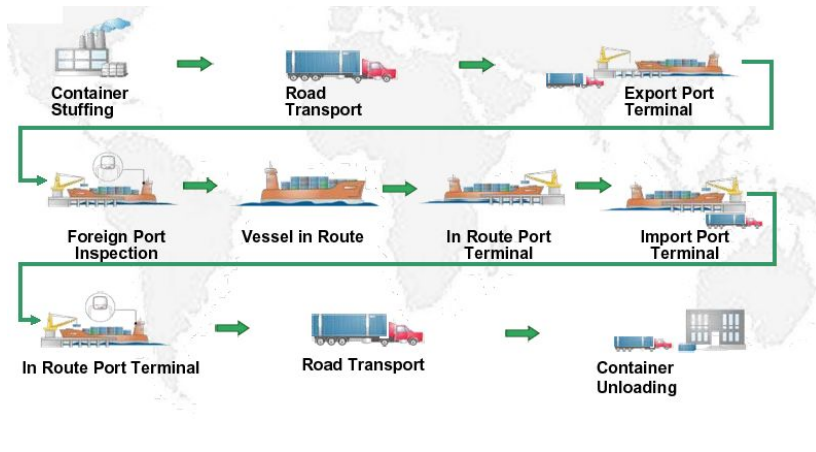
Green Lanes implementation for Ocean Freight

WHY

- For logistics regions: Differentiation by logistics and technological innovation
- For industry: Lead time reduction, visibility, efficiency, reliability
- For government: Security, implementation of control measures

HOW

- Authorized Economic Operators
- Container stuffed, closed and secured with CSD's (container security devices) against unauthorized access en route
- Data transfer of cargo information for advance risk based assessment of inbound containers
- Accelerated customs clearance (green lane) of 'safe' containers on arrival
- Door-to-door monitoring and exception reporting on cargo flow and logistics activities





Key requirements

Data requirements

- Container integrity status based on CSD
- Details of cargo within the container
- Commercial and customs release status

Functional requirements of the logistics industry

- Transparency & visibility in the end-to-end logistics process
- Exception/event management
- Consolidation of entry/exit summary information

Functional requirements of customs

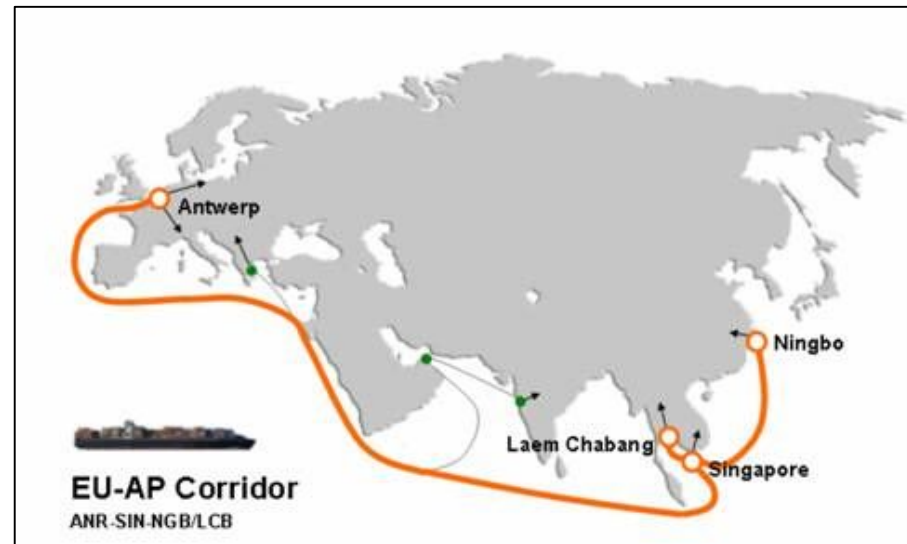
- Assignment of the cargo data to the container
- Detecting secure status of container in last terminal before EU

Operational requirements

- Single window to support unified operational procedures for authorized opening and closing
- Single window to support unified operational procedures for activation and deactivation

Demonstrators

- DHL: EU-ME corridor connecting port terminals operated by DP World on the route between Antwerp and India.
- K+N: EU-AP corridor connecting port terminals serviced by PSA and COSCO on the route between Antwerp, Singapore and China (Ningbo).





Further Information

- **Public web site:** www.smart-cm.eu
- ***Project Coordinator:***
Hellenic Institute of Transport, +302310498457
- ***Technical Management:***
DHL Global Forwarding, +32 35610302
- ***Dissemination:***
European Intermodal Association, +32 251456 54
- ***Technology concertation:***
Sequoyah, +32 14 570 600