



FEASIBILITY STUDY ON THE IMPLEMENTATION OF MOS CORRIDORS AND ON THE INTERVENTIONS TO OVERCOME BOTTLENECKS AND MISSING LINKS FOR FREIGHT AND PASSENGER TRANSPORT FROM PORTS TO HINTERLAND

Why?

To assess the development of a feasibility analysis on the implementation of Motorways of the Sea corridors and on the interventions to overcome bottlenecks and missing links for freight and passenger transport from ports to hinterland in the Adriatic-Ionian basin

1.

WHAT ARE MOTORWAYS OF THE SEA (MOS)

Selected sea-routes as a real competitive alternative to land transport, envisaging reduced transport flow congestion, energy savings, pollution reductions

2.

WHAT IS RO-RO

Vessels carrying wheeled vehicles (freight and passenger) on short-medium distances, favouring the traffic that through the port gate continues in both sides by road to destination

ADRIATIC IONIAN PORTS' SPECIALISATION



NORTHERN ADRIATIC-IONIAN PORTS

SOUTHERN ADRIATIC-IONIAN PORTS

CONTAINERS

DRY & LIQUID BULK

RO-RO

PRESENT *bottlenecks* TO development ARE related TO:

INFRASTRUCTURE BOTTLENECKS & MISSING LINKS

- Access to highway network
- Connection with rail network
- Port area spaces

ORGANISATIONAL BOTTLENECKS

- Terminal functioning & shipping operations
- MoS services
- ITC system & regulations
- Management capacity of shipping flows

Identification of priority needs – proposed interventions in considered Adriatic-Ionian ports involved in MoS

OVERCOMING INFRASTRUCTURAL BOTTLENECKS

1. Modernization of the railway infrastructure links (Rijeka, Koper, Patras)
2. Passenger/Ro-Ro Terminal modernisation /construction (Rijeka, Koper, Brindisi, Durres, Split)
3. Direct connection to road highway & network (Ancona, Koper, Brindisi, Patras)

OVERCOMING ORGANISATIONAL BOTTLENECKS

1. Introduction of a Quality Management System
2. Introduction of an Environmental Management System (ISO 14001)
3. Introduction of an Automatic Tracking System
4. Implementation of the VTMS system
5. Improvement of waste reception facilities
6. Adoption of an IT Tool for electronic data interchange – Global Single Window.