INTRODUCTION TO MODULE

PORT ENERGY OPERATIONS AND CLEAN POWER INVESTMENT ANALYSIS

Co-financed by the European Union
Trans-European Transport Network (TEN-T)
THE IMPORTANCE OF PORTS

Source: Port of Barcelona
THE IMPORTANCE IN PORTS

Source: Port of Barcelona
ENERGY IN PORTS

LNG Terminal - Sagunto
MOTORWAYS OF THE SEA

MoS

(Motorways of the Sea)

A European Commission Programme

Directorate-General for Mobility and Transport (DG MOVE)

TEN-T

(Priority axe 21)

From Port to Port to Door to Door (ie. Logistic Platform to Logistic Platform)

Co-financed by the European Union

Trans-European Transport Network (TEN-T)
MOTORWAYS OF THE SEA

Redes Transeuropeas de Transporte

Co-financed by the European Union
Trans-European Transport Network (TEN-T)
Priority axe 21 (Motorways of the Sea) distribution areas

- Baltic – North Sea
- Atlantic
- West Mediterranean
- East Mediterranean and Black Sea
TrainMOS project (2011-EU-21004-S)

Establishing an European Maritime Knowledge Platform through University Training and Stakeholders networking.
TrainMOS project is the precedent of TRAINMOS II
Activities:

1. Project Management

2. MoS ICT Platform:
   a) eMOS Learning Management System and E-Library
   b) eMOS Web Portal (http://trainmos.cimne.com)

3. Pilot Action (Courses)

4. Stakeholders Networking and Dissemination:
   a) Network building through 14 workshops
   b) Specific dissemination activities including 2 seminars
   c) MoS vocational training
TrainMOS project (2011-EU-21004-S)

• Pilot Action courses on:
  – Ports, terminals and hinterland links.
  – Smart cities and intelligent ports
  – Green ports and inclusive Integrated Coastal Zone Management (ICZM).
  – Multimodality and efficient shipping
  – Multimodal transport economics
  – Safety and security
  – Logistic chains and modal integration

• Future training profiles: TrainMoS X
  – European MoS Master
  – Vocational education in LNG

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Trans-European Transport Network (TEN-T)
(Training Motorways of the Sea)

José Luis Almazán
TrainMoS Project Coordinator

Pilot Action #8: “Clean Marine Fuels” · LNG bunkering

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Trans-European Transport Network (TEN-T)
Thank you for your attention

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