



The Escola Europea de Short Sea Shipping's
mission is to promote the development of a sustainable



Partners



With the contribution of:

Short Sea Promotion Centres:



Short Sea Promotion- France	
Short Sea Promotion- Belgium	
Short Sea Promotion- Holland	
Short Sea Promotion- Spain	
Short Sea Promotion- Portugal	

2E3S'S EXPERIENCE

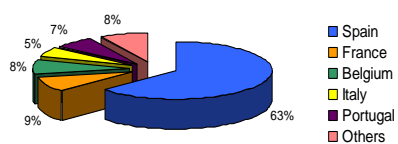
- To help the participants to find out everything from the professionals involved in the operations
- To help the participants to develop a system of fairer and more effective pricing
- To show them the competitiveness of the services and their environmental performance
- To transmit the values of the European Union

**From September 2006 to
October 2008**

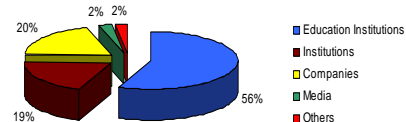
- **32 courses**
- **1618 students** trained in Short Sea Shipping



THE PARTICIPATING COUNTRIES



ACTIVITY OF PARTICIPANTS (%)





With the support of



STRUCTURE

ETHOS

PRINCIPLES

OBJECTIVES

- *A Common Learning Action (2008 call)*
- *From 3/2009 to 2/2011 (24 months)*
- *Budget*

EXPENDITURE	€2.710.304
Marco Polo financing	€1.355.152

- *An Answer to the new challenges for the freight transport*
- *A contribution to the shared goal of achieving sustainable logistics in Europe*
- *Based on a new paradigm: decisions founded on ethics and environmental efficiency*

Principles: The 2 axis of the GLAD Project

- THE CO-MODALITY
- THE PRESERVATION OF THE ENVIRONMENT

The Co-modality

To improve the performance of each transport mode (and/or his combination with other transport mode) in terms of its safety, environmental performance and energy efficiency.

It's the way to find the right balance between competitiveness and environmental demands

Barriers to overcome:

Logistics suffers from great inertia in its operational aspects

– => necessary change of mentality

- **Cultural factors**
- Changes redistribute margins and the **statu quo**
- Changes lead to **uncertainty**
- **Insufficient knowledge**



- GLAD project's objective regarding to the preservation of the environment:
 - ✓ **To foster the modal shift from road to maritime and railway transport (less harmful for the environment per tonne carried)**
 - ✓ **To inform about the environmental policy of the European Commission, the European Agency, progress made in vehicle efficiency, developments in new fuels, transport subsidies, external costs etc.**

TRAININGS



Motorways Of the Sea Training



Motorways Of the Sea Training (MOST)

- *This training takes place on Grandi Navi Veloci or Grimaldi Group Naples on going vessels to **Genoa** or **Civitavecchia** (Roma)*
- *Duration: 4 days from Saturday to Tuesday (3 nights on board)*
- *Participant profile: professional or student*
- *Course content:*
 - ✓ Maritime logistics and ports
 - ✓ Port Infrastructure for the MoS
 - ✓ MOS services by countries
 - ✓ Cost models:
 - direct costs and external costs
 - ✓ European Environment Agency
 - ✓ The Short Sea Promotion Centres in Europe
 - ✓ Legal framework for transport operations within the UE
- ✓ **Case study**
- ✓ **Visit of the Port of Barcelona and Port of destination**
- ✓ **Workshops: Terminal operations and loading**
- ✓ **Ship organisation and management: the bridge, the engine room**

Motorways Of the Sea Training (MOST)- classrooms

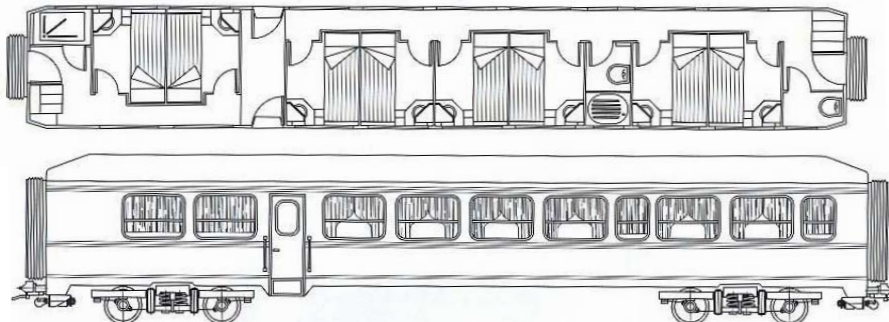


Simple Use of Railway Connections (SURCO)

- These training take place on a FEVE's train, especially adapted for the occasion, from **Gijón** to **Santander** (northern Spanish coast).
- Duration: 4 days from Tuesday to Friday (3 nights on board)
- Participant profile: professional from transport sector
- Course content:
 - ✓ Dry ports infrastructures, railway terminals for cargo
 - ✓ Logistics maritime/ railway
 - ✓ Regular services, information and documentation for the maritime / railway transport cargo
 - ✓ Railway: operative and characteristics
 - ✓ Cost models: direct costs and external costs
 - ✓ European Environment Agency
 - ✓ The Short Sea Promotion Centers in Europe
 - ✓ Legal framework for transport operations within the UE
- ✓ Case study
- ✓ Visit to the railway facilities of the EBHI
- ✓ Visit to the machine of the train and generators zone



Simple Use of Railway Connections (SURCO)-classrooms



SURCO – Avtoritas

- **Complete training on maritime AND railway logistics**
- Duration: 7 days from Saturday to Friday
- Participant Profile: Student

Railway Part

- **In Barcelona at The Escola Europea de Short Sea Shipping**
- Duration: 3 days from Wednesday to Friday
- Course content:
 - ✓ Railway Logistics
 - ✓ Cost models: direct costs and external costs
 - ✓ Environmental aspects
 - ✓ The Short Sea Promotion Centers: development of the railway services
 - ✓ Port of Barcelona's bet for railway

 - ✓ Land visit to the Port of Barcelona: railway terminals
 - ✓ Visit to Barcelona's Logistics platform
 - ✓ Visit to Adif Logistics
 - ✓ Visit to the control centre of RENFE

Information / Registration

✓ www.2e3s.eu

✓ info@2e3s.eu



Thank You !