Vasco da Gama
Interregional Initiative
www.vasco-da-gama.eu

Portugal Atlantic Conference
18/11/15 - Porto
Vasco Da Gama
Training for Greener and Safer Maritime Transport

www.vasco-da-gama.eu

- Network of 150 Regions
- 28 EU & non-member States
- 200 million inhabitants
- 6 Geographical Commissions
WHERE DOES THIS PROJECT COME FROM?

• In October 2010 CPMR General Assembly approved a resolution “in favour of an interregional mobility pilot action for young people in the maritime sector – the Vasco da Gama Programme”

• Why Youth Mobility? It is a unanimously recognised means to improve competences and skills of seafarers

• Why the Regions? Due to the fact that European Regions usually have significant powers in the fields of education and training

• In July 2013 the European Commission approved the VDG TGSMT project (legally contracted in December 2013, a 2-year project)
MAIN OBJECTIVES

• Promote quality of education and training in the maritime transport sector to address three specific challenges: maritime safety, reducing environmental impact and increasing competitiveness of the sector.

• Launch the bases for European mobility for students, trainees, instructors/trainers/teachers, involving educational and training institutions, in line with the “Maritime Erasmus” concept;
MAIN OBJECTIVES

• Increase cooperation between industry and European educational and training actors to improve seafarers competences and adapt to the requirements of the shipping industry

• Improve labour mobility within the transport sector and promote the attractiveness of maritime professions
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VDG STRUCTURE

PROJECT LEADER: CPMR

Advisory Board

- Project leader, CPMR
- ETF
- ECSA
- European Network of Maritime Clusters
- Antwerp Maritime Academy, BE
- Varna Naval Academy, BG
- Regions (Mecklenburg-Vorpommern (DE), Bretagne (FR), Veneto (IT))

Work Package 1
Training for Maritime Safety

Core Group WP 1
Linnaeus University - Kalmar Maritime Academy
• University Applied Sciences, Hoschule Bremen,
• Lithuanian Maritime Academy, Klaipeda, LT
• Oceano XXI
• Università Luav di Venezia
• Clean Shipping Index

Work Package 2
Training - Maritime Simulators

Core Group WP 2
ENSM – Ecole Nationale Supérieure Maritime
• Maritime University of Gdynia
• Varna naval Academy
• Maritime Simulation Centre, Warnemunde
• Aboa Mare, Turku
• Antwerp Maritime Academy

Work Package 3
Greening Maritime transport

Core Group WP 3
Clean Shipping Index
• Prosea Foundation
• Merchant Navy Academy, Ionia Nisia
• Representative of Seafarers
• A representative of Shipowners
• IVL, Swedish Environmental Research Institute

Work Package 4
Maritime ERASMUS

Core Group WP 4
CPMR
• Mecklenburg Vorpommern
• Catalunya
• ENSM – Ecole Nationale Supérieure Maritime
• Linnaeus University - Kalmar Maritime Academy

Work Package 5
Dissemination

Core Group WP 2
ENSM – Ecole Nationale Supérieure Maritime

Work Package 6
Management

This project is co-funded by the European Union
WP1 - Training For Maritime Safety Master Programme in Sustainable Shipping

Set-up and implement a test version of a Master Programme in Sustainable Shipping at postgraduate level

From January to June 2015
Kalmar Maritime Academy

Greening Maritime Transport

Human Element in Sustainable Shipping

Leadership in cross cultural contexts

Maritime Safety and security
WP1 - Training For Maritime Safety Master Programme in Sustainable Shipping

3 physical mandatory meetings:
19th – 24th January
23rd – 27th March
1st to 5th of June

Studies on distances and participation in on-line conferences through the web platform of the Kalmar Maritime Academy

Each module count for 7,5 ETCs credits
All the classes have been delivered in English by teachers
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This project is co-funded by the European Union
The image contains a section from the Vasco Da Gama project, which is focused on training for greener and safer maritime transport. The project is co-funded by the European Union. The website provided is www.vasco-da-gama.eu.
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Training for Greener and Safer Maritime Transport

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This project is co-funded by the European Union
WP2 – Training and Maritime Simulators

Extend the use of simulators within the curricula of seafarers and their management

- Enhancing exchange of trainers
- Standardise Syllabus within Europe
- Developing new skills to use a simulator
- Enhancing investments in favour of simulation
- Draw an European map of simulators
LESSONS LEARNT (meetings and questionnaire)

- Many effort must be done at European level to improve education and training on simulators:
  - more infrastructures (students should spend more hours in simulators)
  - innovative solutions (e.g. hardware and software)
  - “transnational cooperation” exercises
- Combined scenario (bridge – machine) is a very fruitful exercise to improve performances on Management of Maritime Human Resources
5 physical meetings:
27\textsuperscript{th} March 2014 - Brussels
18\textsuperscript{th} – 19\textsuperscript{th} June 2014 - Le Havre
2\textsuperscript{nd} October 2014 - Brussels
25\textsuperscript{th} – 27\textsuperscript{th} March 2015 – Kalmar
20\textsuperscript{th} April 2015 - Brussels

Development of a combined scenario Bridge-Machine Focus on Crew Communication in the frame of the Marine Human Resources Management (MHRM)

This project is co-funded by the European Union
Towards new Standards of Communication between bridge and machine simulators

Several METs from the Vasco Da Gama network

Representatives of simulator manufactures:
Kongsberg Maritime Simulation (NO)
Unitest (PL)
Rheinmentall Defence Electronics GmbH (DE)

Representatives of international certification bodies:
DNV GL Sandefjord (NO)
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This project is co-funded by the European Union
WP3 – Greening Maritime Transport

Develop and execute a master programme module ‘Greening Maritime Transport’ matching the needs and reality of the shipping industry

- Improve quality of training of maritime professionals within training institutes in Europe
- Institutionalize environmental knowledge in the curricula of naval cadets
- Identification of best practices in the field of environmental education in maritime studies
WP4 – MARITIME ERASMUS

...Design and implement a pilot exchange action for students and teachers within a group of METs...

✓ Enhancing collaboration among the Maritime Education and Training Institutions (MET)

✓ Facilitating the organisation of common programmes and exchange of academic staff through possible learning agreements...

✓ Tackling the lack of uniformity in training and the lack of attractiveness of certain maritime careers: diagnosis, progress report, all contributions still welcomed
PAVING THE WAY
TOWARDS
VASCO DA GAMA
SPIN OFF

This project is co-funded by the European Union
MEDITERRANEAN VDG PROJECT IDEA

• Creation of a Task force, led by Veneto region, in the IMP/transport working group of the CPMR Intermediterranean Commission (University of Ljubljana - Portorose faculty of maritime studies and transport; HIT-CERTH institute in Greece and from Odessa Maritime University)

• Project proposal to be submitted to the UfM for labelling, in line with the main priority on “Higher Education and Research”

• Objective: to promote and facilitate transnational mobility for students, academics and professionals in maritime careers in the Mediterranean area

This project is co-funded by the European Union
MEDITERRANEAN VDG PROJECT IDEA

- **PARTNERSHIP:** Regions, Universities, educational/training organisations, clusters (from EU and non-EU Med countries)

- **ACTIVITIES:**
  - Mapping of maritime education and training in the MED area
  - State of play of mobility
  - Pilot actions (mobility) covering maritime sectors such as:
    - Transport – hazardous chemicals management in ports
    - Fisheries/ aquaculture
    - Marine research – Blue biotechnologies/ MREs
    - Professional yachting
BLACK SEA PROJECT IDEA

The “Core Group” of the METs which may lead the preparatory process, is composed of the following institutions:

- Nikola Vaptsarov Naval Academy (Bulgaria)
- Piri Reis University (Turkey)
- Marine Cluster Bulgaria (Bulgaria)
- Constanta Maritime University (Romania)
- “Mircea cel Batran” Naval Academy (Romania)
- Batumi Navigation Teaching University (Georgia)
BLACK SEA PROJECT IDEA

5 June 2015, Odessa (International Transport Week) :

“VDG project for the Black Sea - CPMR meeting” workshop

MAIN THEMATIC PRIORITIES:

• Safe and sustainable maritime transport respecting the marine and river environment
• Unification of the requirements for seafarers
• Standardisation of skippers’ qualifications
• “Innovative” training initiatives for yachts and small cruise vessels crew
KEEPING ON BUILDING A VASCO DA GAMA COMMUNITY (towards a label)

SUMMER SCHOOLS