



Innovative Soft Skills for Maritime Education

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UNIVERSITY OF
THE AEGEAN

Limnos

Lesvos

Chios

Syros

Samos

Rhodes

SUSTAINABLE DEVELOPMENT GOALS



COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS on a new approach for a sustainable blue economy in the EU Transforming the EU's Blue Economy for a Sustainable Future (17/5/2021)

1. MAKING THE TRANSITION FROM 'BLUE GROWTH' TO A 'SUSTAINABLE BLUE ECONOMY'

- Adoption of a **systemic view** that integrates ocean policy into our Europe's new economic policy
- A sustainable blue economy will create **tangible opportunities** for new jobs and businesses.
- This communication sets out a detailed and realistic agenda for the blue economy to play a **major role to achieve the European Green Deal's** objectives.
- Europe's **seas and oceans are natural and essential allies in tackling the climate and biodiversity crises**
- This communication calls for blue economy operators to endorse the principles of the **European Green Deal**

SUPPORTING THE DEVELOPMENT OF A SUSTAINABLE BLUE ECONOMY

- Ocean knowledge
- Research and innovation
- Investment
- Blue skills and jobs

BLUE PROJECTS

KNOW ME (2011-2014) European Academic and industry network for innovative maritime training, education and R & D Collaborative Project SST.2010.6-2. Maritime Industry Knowledge Network. 7TH Framework Program. Financed by: European Commission

Communication and Practical Training Applied in Nautical Studies – CAPTAINS (2009-2012), LEONARDO DA VINCI Programme,

MELES (2015-2017) **More Entrepreneurial Life at European Schools** Strategic Partnership for Higher Education ERASMUS +

SEAOFSKILLS (2014-2017) Enriching fishers' knowledge, skills and competencies ERASMUS +

MELES (2017-2020) **MELES 2.0 Academic Business Coaching**, Strategic Partnership for Higher Education ERASMUS +

BLUE PROJECTS

Evaluation, Redesign and Monitoring measures for reducing intra-regional disparities, containment and cohesion of the island populations (2019-2021)
Funded by the General Secretariat of Aegean and Insular Policy

Maritime Innovative Network of Education for Emerging Maritime Issues-
MINE-EMI (2019-2022) ERASMUS+ Strategic Partnership for Higher
Education

EUSAIR Pillar 1 Blue Growth Monitoring & Evaluation Consultant" (2020-
2022) commissioned by Facility Point Greece Funded by EU (with LKN)

SKILLSEA (2019-2022) Future proof skills for the maritime transport sector
ERASMUS+ Sectoral Alliance

(iSOL-MET) (2020-2023) Innovative Soft Skills to Maritime Education and
Training ERASMUS+ Strategic Partnership for Higher Education



The diagram features a central yellow banner with the text "Sustainability of shipping industry the MAIN IDEA". To the left of the banner is a dark blue circle containing a satellite image of a shipping lane. Two blue circles are connected to the banner by thin lines. The top blue circle is labeled "External environment institutional changes" and is connected to the banner. The bottom blue circle is labeled "Structural changes within the sector" and is also connected to the banner. To the right of the diagram are two bulleted lists of factors.

Sustainability of shipping industry the MAIN IDEA

External environment
institutional
changes

- Agenda 2030
- Regulations in international, regional and national level

Structural
changes within
the sector

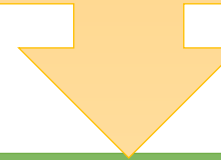
- Digitalisation
- Block chain,
- autonomous technology,
- new forms of energy
- Multicultural groups
- Diversity

FACT FINDINGS

SEASKILLS findings indicates a shared strong perception of the importance of skills' development. Most maritime professionals perceive more than half of their current skills and knowledge as outdated and agree that further training is necessary, especially 'on the job' training.



The skills demanded the most include communication, situational awareness, risk assessment, and observation and monitoring.



skills' gaps mainly in the areas of data processing, mentoring, and conflict management.

Sustainability
Globalisation
Digitalization

Innovation

- **Data** based knowledge
- **Simulation** (work *context*)
- Codifying **tacit knowledge and experience**
- Integrating **Geographical Approach**

Through:

LINKS with cities ports islands
maritime regions
COLLABORATIONS between
maritime community and
universities for methods and new
technology

Objectives

- Deep **Operational & Management Insights**
- Consistence to stakeholders' needs
- Embodying **maritime tradition and practice**



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MARITIME INNOVATIVE NETWORK OF EDUCATION FOR EMERGING MARITIME ISSUES



@MINE_EMIproject



CPMR
CRPM



Marine Cluster Bulgaria



- Introduction to Maritime Business & Shipping
- Port Management and Logistics
- Contemporary Issues in Maritime Management
- Maritime Law
- Statistics for Business
- Sustainability and Environment Policies
- Research Methodologies and Ethics
- Maritime Economics
- Maritime Leadership and Soft Skills
- Strategic Management
- Automation and Maritime Cyber Security
- Maritime Policy and Shipping Management
- Multimodal Transport Operations
- Sustainable shipping and ports
- Environmental policy
- Maritime security law and policy

Supply Chain Risk Management
Sustainable Warehouse and
Distribution Management
Maritime Stakeholders' Management
Green Logistics
Port Design and Development
Green Ports
Port Administration and Management
Sustainable Management of Coastal
Margins
Marine Sports Science
Maritime Spatial Planning and
Intercoastal Zone Management
Blue Economy
Coastal and marine pollution
Ecosystem management
Marine Utilization Management

A holistic approach for
the emerging issues

BLUE SOFT SKILLS



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INTELLECTUAL OUTPUTS

Maritime skills courses for multidisciplinary and multicultural group of students/Cadets

Maritime **case study** handbook

Guidelines for using **case study** as training material for the development of soft skills

Evaluation tools of soft skills

A maritime case study is a way to disseminate the experience and wisdom embedded in the stories of officers and crew. A documented maritime case story engages participants intellectually and emotionally through their involvement in virtual decision-making, sharpening their analytical, problem-solving, and managerial skills by sparking insight and creating connections between events, incidents, or systems

European Enterprise Promotion Awards 2020

- **Blue Aegean Initiative**
- **University of the Aegean**
- For **Blue Hackathon** for Promoting Business Ideas for the Islands **& Living Labs** Experiential Entrepreneurship Workshops





European Maritime Days 2016 ©Chios

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THANK YOU!