WHAT IS “MINE-EMI”? 
MARITIME INNOVATIVE NETWORK of EDUCATION for EMERGING MARITIME ISSUES

MINE-EMI is a project funded by Erasmus+ Program of the European Union. It is focused on the elaboration of a Joint Master Program (JMPs) that facilitates developing skills and competences to raise awareness on emerging maritime issues in order to promote sustainable management of the maritime sector. It targets the Black Sea basin and involves representatives from the business sector and local administrations in order to fill the gap between the requirements in the maritime sector (management of marine areas, transport operations, logistics) and the current lacking of updated courses in that matter.

The project implementation is based on the progressive model, including preparatory activities, development, testing and finalization of JMPs. In the development phase, educational material will be elaborated, collected, evaluated and selected, satisfying the criteria set by the stakeholders. While PRU, NVNA, and UAEGEAN will work on the theoretical part of the teaching materials, CMU will mainly work on the practical side, creating scenarios for maritime simulators on the specific topics of the subject. Both parts will be developed in a coordinated way in order to synchronize all the elements.

PRU will lead the integration of the developed modules in the JMPs. The lead partner will develop JMPs course catalog together with the partner Higher Education Institutes for better adaptation to institutions specificities and offer the courses outside the partnership framework. The produced material will be tested and evaluated during mobility events. MCB and MP will provide test-beds. The feedback received will be then used to finalize the course.

OBJECTIVES
The project aims to achieve efficient, safe, secure and environmentally tackling the maritime issues, through:

- Promotion of the quality of education and training in the Maritime Education and Training (MET) sector to address the specific maritime challenges and prepare the future managers and experts applying innovative methods, practical oriented approach and e-learning model;
- Facilitation of the mobility for students and teachers, involving educational and training institutions that wish to contribute to overcoming these challenges;
- Cooperation between MET organizations and industry in the field of education and training for managing the issues in the maritime sector for upgrading competencies and adapting to the requirements of the maritime industry.

The successful implementation of the Project will provide the consolidation of the efforts of the maritime institutions, especially in the Black Sea region, to contribute to the sustainable development through implementation of blue growth, greening transport, maritime spatial planning policies and common maritime basins strategies.

At the end, the partnership will come up with three main programs/modules having 4-6 compulsory and 4-6 elective units for each program to be decided in consensus. Each partner will also contribute to the content development.

Each unit will be available at least in one partner university in every academic semester. Students may opt for any available course from any university under either physical or virtual mobility. The students will be able to select their dissertation topic and supervisor from any of the partner university.
PARTICIPATING ORGANIZATIONS

PIRI REIS UNIVERSITY

PRU was founded by the support and sponsorship of the whole maritime sector (almost 9000 stakeholders), namely Turkish Chamber of Shipping (TCS) through Turkish Maritime Education Foundation (TUDEV) as a Maritime University. TUDEV, forming the core of PRU has a very successful history of training seafarers and EUU projects since 1993 to establish maritime policies and to identify targets that will enhance the economic power, welfare and efficiency of the country in this area.

THE CONFERENCE of PERIPHERAL MARITIME REGIONS - CPMR

The Conference of Peripheral Maritime Regions, which operates both as a think tank and as a lobby for Regions, brings together some 160 Regions from 24 States from the European Union and beyond. Representing about 200 million people, the CPMR campaigns in favour of a more balanced development of the European territory. The CPMR has, since its creation in 1973, been targeting its action towards ensuring that the needs and interests of its Member Regions are taken into account in policies with a high territorial impact.

CONSTANTA MARITIME UNIVERSITY

Constanta Maritime University bases its activities on the university autonomy. It offers traditional majors in marine education – Marine Engineering, Electrical Engineering, and Navigation- as well as new tracks which are Environmental Engineering, Telecommunications Technologies and Systems, and Economic Engineering in Transports.

NIKOLA VAPTSAROV NAVAL ACADEMY

The "Nikola Y. Vaptsarov" Naval Academy is the only higher education institution in Bulgaria for the maritime officers and managers, both civilian and military. The Academy, which has about 3,500 students overall and a professional teaching and research staff, delivers 3-cycle study programs in the field of maritime transportation, management, and security & defense.

THE UNIVERSITY of AEGEAN

The University of the Aegean, UAegean, was founded in 1984 aiming to introduce new approaches in higher education in Greece and worldwide and to promote regional development. In less than thirty years, the UAegean has evolved into an international research-oriented university offering 18 undergraduate (BA or BSc) and 40 postgraduate (MA or MSc) programs.

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MARINE CLUSTER BULGARIA

Marine Cluster Bulgaria is a non-government organization consolidating the efforts of all sectors of the maritime economy in Bulgaria. The association acts towards the creation of favorable conditions for development and enhancement of the competitiveness of the blue economy by introducing new organizational, product, market and technological solutions, training, implementation of best practices, as well as for its promotion at the national and international levels.

MUNICIPALITY OF PIRAEUS

The municipality, which has one of the biggest ports of the eastern Mediterranean coast, blends in practice two influential frameworks, the Quadruple helix (4H, government, academia, industry, and citizens collaborate together to drive structural changes) and the Triple Bottom Line (TBL) which will help the network achieve positive impacts ROIs in all tree bottom lines (business, people and planet).

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