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**Linguistic diversity in European Maritime Higher Education Institutions - MAR-LANG**

Erasmus+ Program – KA220-HED:

Cooperation partnerships in higher education

Project Nr: 2022-1-FR01-KA220-HED-00089655

**PROJECT PARTNERS**

**Project Coordinator:**

**École Nationale Supérieure Maritime (ENSM), France**

[**https://www.supmaritime.fr**](https://www.supmaritime.fr)

**French Maritime Academy** is one of the most important maritime higher education institution from the Mediterranean Sea that offers training and carries out research activities in European, national and regional collaborative projects on environment protection and maritime safety.

ENSM has specific educational infrastructure consists of navigation simulators, machine simulators, ECDIS simulator, dynamic positioning simulators, steam generator. To support this high level of training, the ENSM has been accredited, since 2011, by the Commission of Engineering Titles (CTI) for the training cycle of flight engineers, first-class officers of the Merchant Navy (O1MM). The studies last five and a half years, with a fourth-year largely devoted to navigation. In 2015, the ENSM obtained the renewal of its certification for the seafaring option and in the field of maritime engineering-oriented towards sustainable development and blue growth, for its training courses “Eco-management of the ship” and “Deployment and maintenance of offshore systems”, with the aim of supporting the ecological transition.

The ENSM is certified by Lloyd's Register for the quality management system. Research activities focus on sustainable development and maritime safety and security. The studies are carried out by Ph.D. and maritime experts. ENMN participates in collaborative projects. Within its research works, the ENSM has partnerships with industrials and laboratories. It has privileged relationships with universities and higher education institutions.

The ENSM employs more than 180 experienced teachers from the maritime sector and researchers and has specific educational material: navigation simulators, machinery simulators, ECDIS simulators, dynamic positioning simulators, steam plants. The development of research in the maritime safety and security sectors as well as the human factors and energy efficiency ones, are part of the school’s priorities and have more than 1000 students. The training courses provided by the ENSM have to comply with maritime safety and security, commercial issues and sustainable development. All of these stakes require a high level of quality training. The training courses are followed up by on board time, mainly under French flag which is globally recognised as being one of the safest worldwide. It ranks sixth on the white list of the Memorandum de Paris. Heiress to the Schools of Hydrography, Colbert and the National Schools of Merchant Marine (ENMM), the ENSM has a culture of maritime training. School composed of 4 sites whose missions are:

* To offer merchant marine officer training and expert (clean ship, offshore maintenance officer) in order to meet the needs of the maritime economy;
* To carry out research activities in accordance with the challenges of the future (clean ship, maritime safety and security like cybersecurity).

One of the objectives of the ENSM is to become an institution with international activity and offering an innovative pedagogy. To this end, the school sets up an office dedicated to the development of international partnerships, the strengthening of student and teacher exchanges. For the innovative pedagogy, ENSM has an active policy of developing these new pedagogies and a dedicated team.

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**Partner 1:**

**Romanian Naval Academy “Mircea cel Batran” (RNA), Romania** [**https://www.anmb.ro**](https://www.anmb.ro)

**Romanian Naval Academy** “**Mircea cel Batran”** (RNA) is an accredited public institution of poly-technical higher education and scientific research. RNA operates according to the Romanian law of higher education, undertaking the mission to educate and train specialists for maritime and port industry. RNA has its foundation roots in 1872 in ancestor Fleet School, its present value being certified by the Romanian Agency for Quality in Higher Education with highest level of trust, and by different international bodies as high-quality academic institution (e.g. European University Association, IAMU, BSUN, EMSA, U-Multirank etc). RNA is certified since 2003 in its Quality Management System by Bureau Veritas, based on ISO 9001/2008. The educational offer is focused both on academic (undergraduates and postgraduates programs) and training programs, in field of navigation, naval electro-mechanics, electric engineering, port management and operations, naval equipment and automation, sustainable development and marine environment, counting an average number of 2.500 students, 80 teaching staff core and 100 teaching associate staff.

The educational programs and the training courses on vocational dimension are accredited by the national and international authorities and are developed under ISO 9001/2015 standards. RNA has the operational capacity to provide a wide range of didactic resources for setting up and developing training courses, providing specialized staff and a rich operational endowment, consisting in classes, integrated laboratories, simulators or educational on-line resources and platforms. As academic facilities RNA has more than 60 simulators, laboratories, offices and specialized rooms with appropriate modern equipment, a Training Ships Formation (including the Training Ship "Mircea", motorboats and training crafts), a Training Center for Seamanship and Nautical Sports, a Damage Control Center, an ITC Center, a department of microproduction and practical training, and also a modern sport complex. The research and development programs in RNA are carried out in compliance with the general EU and national framework, covering a wide range of subjects, in field of naval equipment's and technology or maritime and port industry. RNA has developed two major interdisciplinary research centers: Research Center in Marine Engineering and second, in Naval Engineering and Management (https://www.anmb.ro/eng/files/cercetare/research\_center.html). Most relevant results were achieved in severalnsignificant area of scientific research as navigation and maritime transports, electrical engineering and automation filed,nmechanical engineering, sustainable development technologies, with a wide involvement on maritime international networks development.

RNA has been granted both with national funds (under National Plan for Research or Sectorial Initiatives) and European funds, under ESF (Cohesion Structural Funds – Human Resources Capacity), ERDF-Ro-Bg Cross Border Programme, ENPI/IPA programme, or EEA grants on Romanian-Norwegian Programme, where RNA has been involved as lead partner or project partner in international consortium. Developing such training and research facilities for maritime body of knowledge RNA has become a relevant educational and research institution in the Black Sea area, availing its services in applied research programs for naval and port industry. Counting on its laboratories, simulators and research centers as on its valuable human resources, RNA is ready and capable to contribute in innovation and scientific research in different areas of knowledge defined by the maritime industry. On training programs, RNA is fully accredited by International Maritime Organization, providing specialized courses for seafarers in navigation, mechanical engineering, team management, safety, naval communication, or others, using a large complex of simulators.

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**Partner 2:**

**Lithuanian Maritime Academy (LMA), Lithuania**

[**https://www.lajm.lt/en**](https://www.lajm.lt/en)

**Lithuanian Maritime Academy** is an accredited public institution of professional higher education training highly qualified seafarers and other specialists for the maritime industry. LMA operates according to the Lithuanian law of science and higher education, undertaking the mission to educate and train seafarers and maritime business specialists. LMA was established as a Lithuanian Maritime school in 1948. Its present value is certified by the Lithuanian Centre for Quality Assessment in Higher Education (SKVC) with the highest level of trust, and by different national and international bodies as a high-quality academic institution (e.g. EMSA, U-Multirank, Lithuanian transport safety administration, Ranking (Reitingai, Lithuania), etc.).

LMA is certified since 2001 in its Quality Management System comprising seafarers‘ training and professional development by Lloyd`s Register Quality Assurance Lietuva according to the requirements of ISO 9001:2015 standard.

LMA providing 6 study programmes on first cycle level: Marine Navigation (qualification of professional bachelor in Marine technologies, Marine Navigator), Marine Power Plant Operation (qualification of professional bachelor in Marine engineering, Marine engineer), Marine Electrical Power Plant Operation (qualification of professional bachelor in Marine engineering, Marine electrical engineer), Maritime Transport Logistics Technologies (qualification professional bachelor in Marine technologies), Port and Shipping Finance (qualification of professional bachelor in finance), Port and Shipping Management (qualification of professional bachelor in management). All educational programs are accredited by the Lithuanian Centre for Quality Assessment in Higher Education (SKVC). LMA providing academic and specialized staff and a rich operational endowment, consisting in classes, integrated laboratories, simulators or educational on-line resources and platforms.

As academic facilities, LMA has more than 15 simulators, 10 laboratories, workshop for metal works for practical training, facilities for physical and psychological training, offices and specialized rooms with appropriate modern equipment, a Seafarers Training Center, IT Center, and also a modern sport hall. LMA counting an average number of 1000 students and 65 teaching staff core. LMA providing more 30 units accredited seafarers training courses for more than 3 000 seafarers per year.

The research and development activity in LMA is carried out in compliance with the general EU and national framework, covering a wide range of subjects, in the field of marine technologies and engineering, shipping and port industry. The average of scientific production of staff per year is approx. 45 scientific publications, published in national and international databases. LMA has been granted both with national funds (under EU investment in Lithuania plans or Sectorial initiatives) and European funds, under ESF, Interreg Programme, EU Twinnings programme etc., where LMA has been involved as project leader or project partner.

Developing such training and research facilities for the maritime industry, LMA has become a relevant educational institution in Europa and in Baltic states, availing its services in applied research programs for the shipping and port industry. Counting on its laboratories, simulators, and training centers as on its valuable human resources, LMA is ready and capable to contribute in innovation and scientific research in different areas of knowledge defined by the maritime industry.

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