Driving Innovation for a Green, Digital, and Smart Maritime Ecosystems

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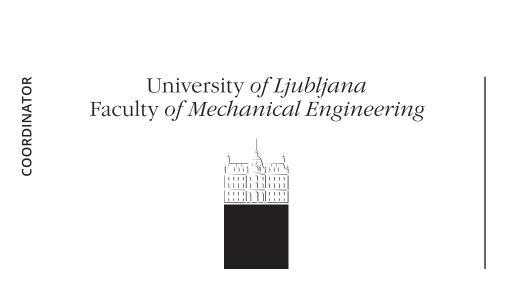
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OBJECTIVES

—Develop the joint R&I strategy for strengthening the maritime innovation ecosystems' excellence

—Contribute to knowledge gaps in maritime R&I through co-design and joint implementation of three pilot projects by ecosystem actors

—Develop the joint action & investment plan for building coordinated, resilient, attractive and sustainable maritime innovation ecosystems

—Accelerate the uptake of new technologies by the ecosystems' industry through preplanning for pilots and demonstrators based on the three R&I pilot projects

—Enhance the level of collaboration within and between place-based ecosystems through innovative approaches to knowledge transfer, community engagement and competence building

EXPECTED RESULTS

—Detailed mapping of the two ecosystems

—R&I needs and gaps analysis

—Joint cross-border R&I strategy

—PILOT PROJECS: Prototype of a VR model of a ship engine room; Green energy conversion and management systems supported by digital twins developed for different scenarios; Prototype of a decision support system for automatic detection of obstacles in autonomous navigation

—Models for collaborative R&I of the ecosystems' actors

—Joint R&I action and investment plan for the two ecosystems, including the monitoring and evaluation methodology

—Roadmaps for 3 R&I pilot projects, with demonstrators planned in industrial environment

—Delivered community engagement, knowledge transfer, training and talent attraction initiatives, with involvement of 1.000 participants and transferable good practices

COORDINATOR

University of Ljubljana
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PARTNERS

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