

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



Strengthen the capacity for excellence of Western Slovenian and Adriatic Croatian innovation ecosystems through a set of jointly designed and implemented actions that will support the digital and green transitions of the maritime and connected industries

www.inno2mare.eu



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ABOUT US

Croatia and Slovenia are neighbours and among Europe's smaller countries located along the Adriatic sea. In this context, the EU-funded INNO2MARE project will support the **digital and green transitions** in western Slovenian and Adriatic Croatian innovation ecosystems. In all the project activities, the two ecosystems will strongly benefit from the sharing of best practices of the **Flemish innovation ecosystem**, one of the most developed maritime innovation ecosystems globally. The project will contribute to reducing the innovation divide in Europe by systematically connecting the innovation actors within and between the ecosystems and creating synergies in R&I investments' planning and execution, thus developing a true innovation culture.

We will implement three R&I pilot projects that address the key challenges related to maritime.



Improved fire evacuation VR model of a ship engine room.

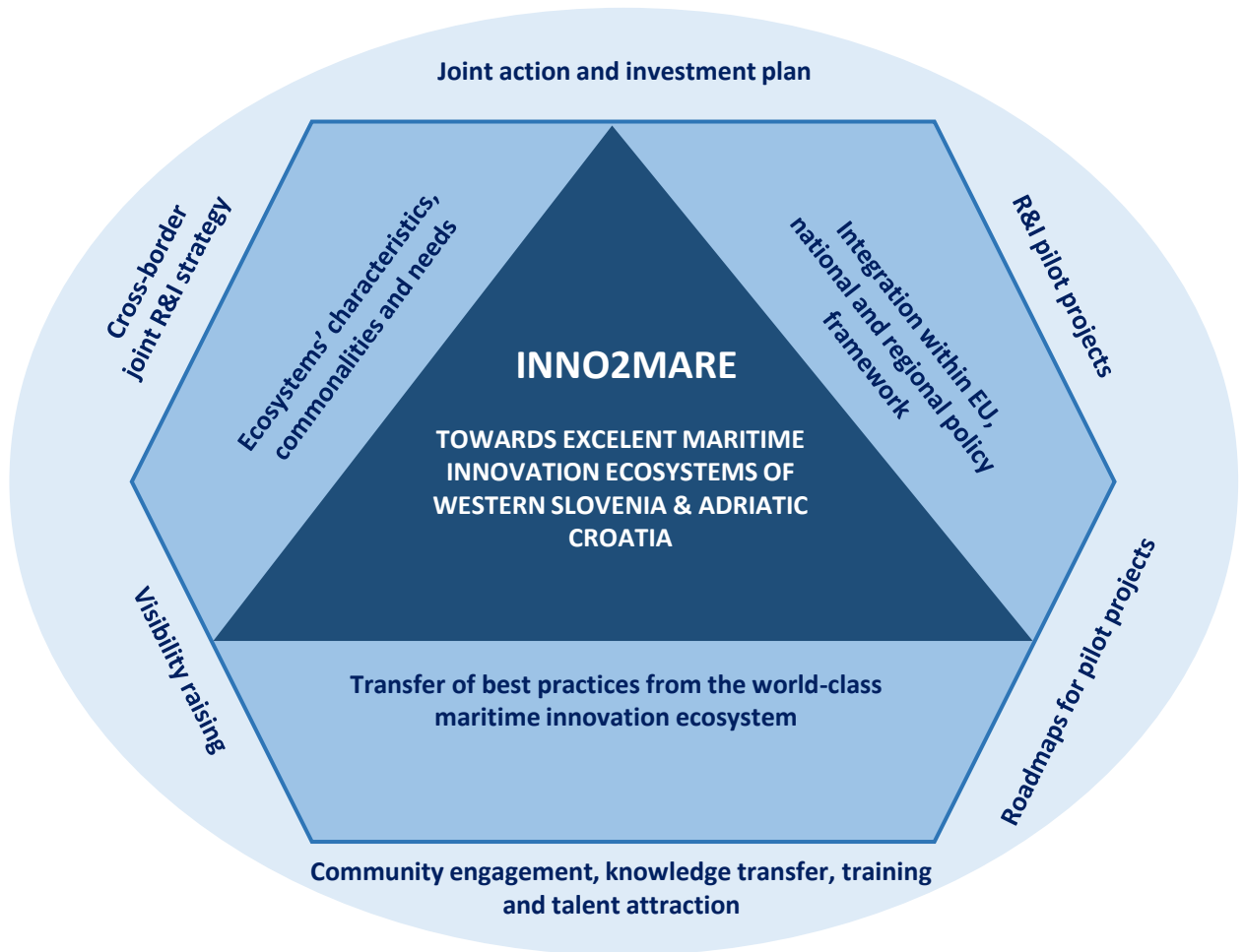
Digital twin of hybrid hydrogen systems supported by AI for sustainable and efficient energy conversion and management for distributed networks



Autonomous shipping technology supported by AI.

We will implement innovative programmes that will support the engagement of citizens in the innovation processes, knowledge transfer for mutual learning, entrepreneurship & smart skills training and attraction of best talents, involving more than 1.000 participants from private and public sector.

OUR APPROACH



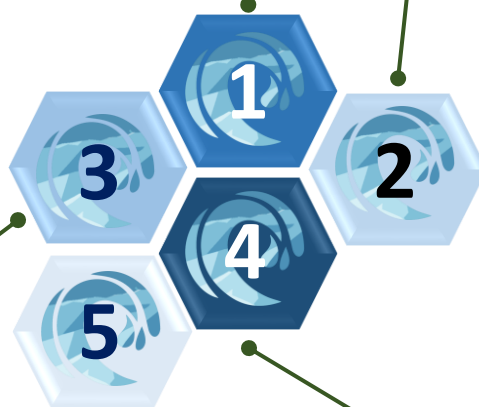
Main target groups

- Policy makers
- Academic institutions
- Business actors
- Industry
- R&I personnel, Professionals in R&I intensive domains, seafarers
- Entrepreneurs & leaders
- Ecosystems' citizens
- Customers and end users
- Local and regional innovation ecosystems in Widening countries and beyond

OBJECTIVES

Develop a long-term joint R&I aligned with regional, national and EU strategies 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.

PARTNERS

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Faculty of *Mechanical Engineering*



ASSOCIATION FOR TECHNICAL CULTURE OF SLOVENIA

UNIRI



University of Rijeka
FACULTY OF MARITIME STUDIES

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