



## University of Rijeka, Faculty of Maritime studies

**PROJECT ACRONYM AND TITLE:** Strengthening the capacity for excellence of Slovenian and Croatian innovation ecosystems to support the digital and green transitions of maritime regions - INNO2MARE

**FUNDING PROGRAMME:** Horizon Europe

**PERSON RESPONSIBLE:** Goran Vukelić

### FINANCIAL DATA

Project total cost	Overall funding assigned to PFRI
€4.985.150,00	€235.515,00

### SUMMARY

The main goal of INNO2MARE is to 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. Based on an in-depth mapping of the ecosystems and needs & gaps analysis, the consortium will formulate a long-term R&I strategy aligned with regional, national and EU strategies, as a visionary framework, and a joint action & investment plan, with concrete steps for building coordinated, resilient, attractive and sustainable maritime innovation ecosystems. To support the joint strategy and provide a model for the future collaborative R&I of the ecosystems' actors, the project will implement three R&I pilot projects that address some of the key challenges:

- improved fire evacuation VR model of a ship engine room,
- digital twin of hybrid hydrogen systems supported by AI driven digital twin,
- autonomous shipping technology.

These pilots will be the basis for further development, scale-up and translation of the generated research results into innovative business opportunities through the coordinated mobilisation of public and private funding. The consortium will also 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 across the Quadruple Helix. In all the project activities, the two ecosystems will strongly benefit from the sharing of best practices of the Flemish 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.

Start date	End date
01.01.2023.	31.12.2026.



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### PARTNERSHIP

No.	Partner organization	Country	Role
1	University of Ljubljana (UL)	SLO	Lead partner
2	ISKRA D.O.O. (ISKRA)	SLO	Partner
3	DIGITEH D.O.O. (DIGITEH)	SLO	Partner
4	BSC D.O.O. (BSC)	SLO	Partner
5	Association for Technical Culture of Slovenia (ZOTKS)	SLO	Partner
6	University of Rijeka (UNIRI)	HR	Partner
7	Faculty of Maritime Studies (PFRI)	HR	Affiliated entity
8	Faculty of Engineering (RITEH)	HR	Affiliated entity
9	STEP RI (STEP RI)	HR	Partner
10	MS TECH D.O.O. (MS Tech)	HR	Partner
11	MARITIME CENTER OF EXCELLENCE D.O.O. (MCoE)	HR	Partner
12	Regional Development Agency of the Primorje-Gorski Kotar County (PRIGODA)	HR	Associated partner
13	Centre of technical culture Rijeka (CTK Rijeka)	HR	Partner
14	Regional Energy Agency Kvarner (REA KVARNER)	HR	Partner
15	URBANEX	HR	Associated partner
16	Universiteit Antwerpen (UANTWERPEN)	BE	Partner
17	Hogere Zeevaartschool (HZS)	BE	Partner
18	De Blauwe Cluster (DBC)	BE	Associated partner
19	Haven Van Antwerpen-Brugge	BE	Associated partner

**WEBSITE:** <https://cordis.europa.eu/project/id/101087348>

### ADDITIONAL INFO:

PFRI project team members:

- Goran Vukelić,
- Dario Ogrizović,
- Dean Bernečić,
- Darko Glujić,
- Goran Vizentin,
- Alen Jugović,
- Vlado Frančić,
- Ana Perić Hadžić.