



InnovaMare

Blue technology -

Developing innovative technologies
for sustainability of Adriatic Sea



***DIVE INTO THE DEPTH
OF OPPORTUNITIES***



PROJECT DURATION

01.07.2020 - 31.12.2022



ERDF

4.722.392,10



TOTAL BUDGET

5.555.755,45

DESCRIPTION

The Adriatic Sea is facing major impacts from overfishing and pollution. Solid waste, direct discharge of wastewater and oil pollution are key negative factors for the degradation of coastal and marine ecosystems.

InnovaMare strategic project will jointly develop and establish an innovation ecosystem model in the area of **underwater robotics and sensors for purposes of monitoring and surveillance** sector with a mission-oriented on the sustainability of the Adriatic Sea.

OBJECTIVE

InnovaMare project will **bring cross-border collaboration between science and private sector on a higher level** and will facilitate the involvement of SMEs in international networks.

InnovaMare project aims **to enhance collaboration on technology transfer** by creating innovative network for underwater robotics and sensors.

ACTIVITIES

InnovaMare consortium - 104 project activities:

- 80 interviews
- 8 trainings
- 6 conferences
- 4 roadshows
- 2 round tables
- 2 workshops
- 2 study trips
- 2 pilot actions

CHALLENGE

InnovaMare strategic project will tackle one of the main current challenges: increasing the effectiveness of the innovation activities in the relevant fields of the blue economy.

HOW?

By enhancing the transfer of knowledge within the cooperation area between the enterprises, R&D centers, higher education and the public sector through education and capacity building actions for different stakeholders.

MAIN OUTPUTS

Main outputs of the project:

- cross-border network for scientific-research sector and the private sector based on demand and offers;
- methodology and business plan for DIH (Digital Innovation Hub) for innovative underwater robotics and sensors and living lab in Adriatic Sea;
- questionnaire for stakeholders;
- tools and workshop materials for raising human capital;
- Pilot action I. - a prototype for monitoring and prediction of the sea pollution (innovative robotic solution as a platform for development of solutions);
- Pilot action II. – analysis of the obtained results on pilot action I and guidelines for the improvement of underwater conditions;
- DIH (Digital Innovation Hub) for innovative underwater robotics and sensors and living lab in Adriatic Sea;
- strategy and action plan for the enhancement of framework conditions for raising collaboration and networking in the field of robotics and sensors for further steps in public policies based on quadruple helix approach;
- policy recommendations.

TARGET GROUPS

The project addresses all the stakeholders involved in sustainability of the Adriatic Sea:

- general public (researchers, entrepreneurs, students, citizens);
- local, regional and national public authorities;
- regional and local development agencies, chambers of commerce and other business support institutions;
- small and medium enterprises;
- universities, technology transfer institutions, research institutions;
- centers of Research excellence;
- NGOs, associations, innovation agencies, business incubators, cluster management bodies, and networks.

MAiROS - the main platform for the development of solutions for monitoring and prediction of pollution of the Adriatic Sea.

MAiROS will connect to the Pan-European network of Digital Innovation Hubs (DIHs) and will be the central place for networking and exchange of experiences and knowledge from all relevant stakeholders.

The project InnovaMare as a part of Interreg Italy-Croatia is funded by the European Regional Development Fund.

InnovaMare has a duration of 30 months, from 01/07/2020 to 31/12/2022, with a total budget of 5,6 millions euro.

Lead applicant

Croatian Chamber of Economy – Sector for Industrial Development and Innovation System (Croatia)

Partners

1. Regional Union of the Chambers of Commerce of Veneto Region (Italy)
2. University of Trieste (Italy)
3. ARTI - Regional Agency for Technology and Innovation (Italy)
4. National Research Council – CNR (Italy)
5. Maritime Technology Cluster FVG – mareFVG (Italy)
6. Communication Technology Srl (Italy)
7. National Institute of Oceanography and Applied Geophysics – OGS
8. Ruđer Bošković Institute (Croatia)
9. University of Zagreb Faculty of Electrical Engineering and Computing (Croatia)
10. University of Dubrovnik (Croatia)
11. University of Rijeka Department of Biotechnology (Croatia)
12. Geomar (Croatia)

Associated partner

Sibenik Knin County



Lead Applicant



Partners



UNIONCAMERE
VENETO



UNIVERSITÀ
DEGLI STUDI DI TRIESTE



a.r.t.i.
Agenzia regionale
per la tecnologia
& l'innovazione



Consiglio Nazionale
delle Ricerche



Associated Partner

Communication
Technology



Faculty of Electrical
Engineering and
Computing



UNIRI



GEOMAR



ŠIBENSKO-KRŠKINSKA
ŽUPANIJA

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