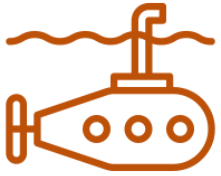


INNOVAMARE

Dive into the depth of opportunities



“The sea is everything. It covers seven tenths of the terrestrial globe. Its breath is pure and healthy. It is an immense desert, where man is never lonely, for he feels life stirring on all sides. The sea is only the embodiment of a supernatural and wonderful existence. It is nothing but love and emotion; it is the Living Infinite. ”

— Jules Verne, *Twenty Thousand Leagues Under the Sea*

Challenges of the Adriatic sea

49 % of the known forms of life in the Mediterranean are present in the Adriatic Sea;

64 known fish species are threatened with extinction, largely because of overfishing;

By **2050** sea level rise of **12%** is expected;



Amount of marine litter is **2-5 times** greater from those in other seas;

Solid waste and **direct discharge of wastewater** are key negative factors for degradation of coastal and marine ecosystems

WHERE DO WE LOOK FOR SOLUTION?

Challenges of the Adriatic sea

Huge impact on important sectors in Croatia and Italy:

1. Acquaculture
2. Fisherie
3. Sea traffic
4. Tourism

INNOVAMARE in numbers

5,6 mil EUR
project worth

4 universities
3 maritime institutions
3 BSI

1 maritime cluster
1 regional authority

2 SMEs

Project consortium

Mare FVG

Università di Trieste

Unioncamere del Veneto

**National institute of oceanography and
experimental geophysics**

Servizio Ricerca Innovazione Energia, Bologna

**Agenzia Regionale per la Tecnologia e
l'Innovazione della Regione Puglia, Bari**

The Istituti of Marine Scienze (ISMAR)



Croatian Chamber of Economy

Institute Ruđer Bošković

Faculty of Electrical Engineering and Computer

University of Rijeka, Technology transfer office

University of Dubrovnik

Šibensko-kninska county

Geomar d.o.o

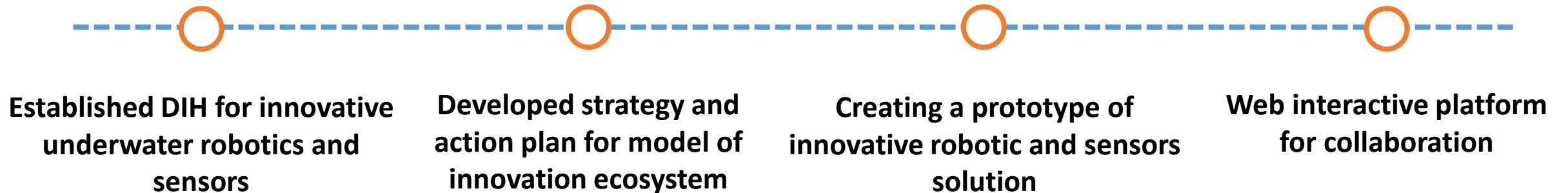
Project INNOVAMARE

Main aim

INNOVAMARE project will develop and establish cross-border innovation ecosystem model in area of underwater robotics and sensors for purposes of monitoring and prevention of sea pollution with mission oriented on sustainability of Adriatic Sea.

How?

INNOVAMARE project is aiming to raise collaboration of innovation players and give them mechanism and tools to boost development of new innovative solutions in area of underwater robotics and sensors



Main Project Outputs

1. Development of a cross-border network for scientific-research sector and the private sector based on request and offers;
2. Developed tools and workshop materials for raising human capital;
3. Developed methodology and business plan for DIH for innovative underwater robotics and sensors and sea living lab in Adriatic sea;
4. Pilot action (I) – Creating a prototype that is innovative robotic solution as a platform for development of solutions for monitoring and prediction;
5. Established DIH for innovative underwater robotics and sensors and living lab in Adriatic sea;
6. Developed 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;
7. Policy recommendations.

Project INNOVAMARE

VISION

CROSS-BORDER INNOVATION ECOSYSTEM IN ŠIBENIK AS LEADING CENTER OF COOPERATION, KNOWLEDGE AND TECHNOLOGY TRANSFER FOR DEVELOPMENT OF NEW INNOVATIVE SOLUTIONS IN UNDERWATER ROBOTICS AND SENSORS



TO PAVE THE WAY ON CROSS-BORDER AND TRANSNATIONAL LEVEL OF COLLABORATION AND KNOWLEDGE TRANSFER FOR ONE MISSION - SUSTAINABILITY OF ADRIATIC SEA!

MISSION

Innovation Ecosystem

THE CONCEPT OF THE INNOVATION ECOSYSTEM HAS BEGUN TO ATTRACT ATTENTION AS A FRAMEWORK FOR POLICY MAKERS ONLY IN RECENT YEARS

Innovation ecosystem is the term used to describe the large number and diverse nature of participants and resources that are necessary for innovation.



Entrepreneurs



Investors



Venture capitalists



Business development



Universities



Accountants



Designers



Contract manufacturers



Researchers



Skills and training professionals

A successful innovation system must include:



Strong basis in local know-how and pool of talent



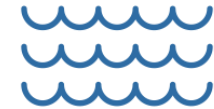
Clear target to achieve international best-practice



Global reach and goals



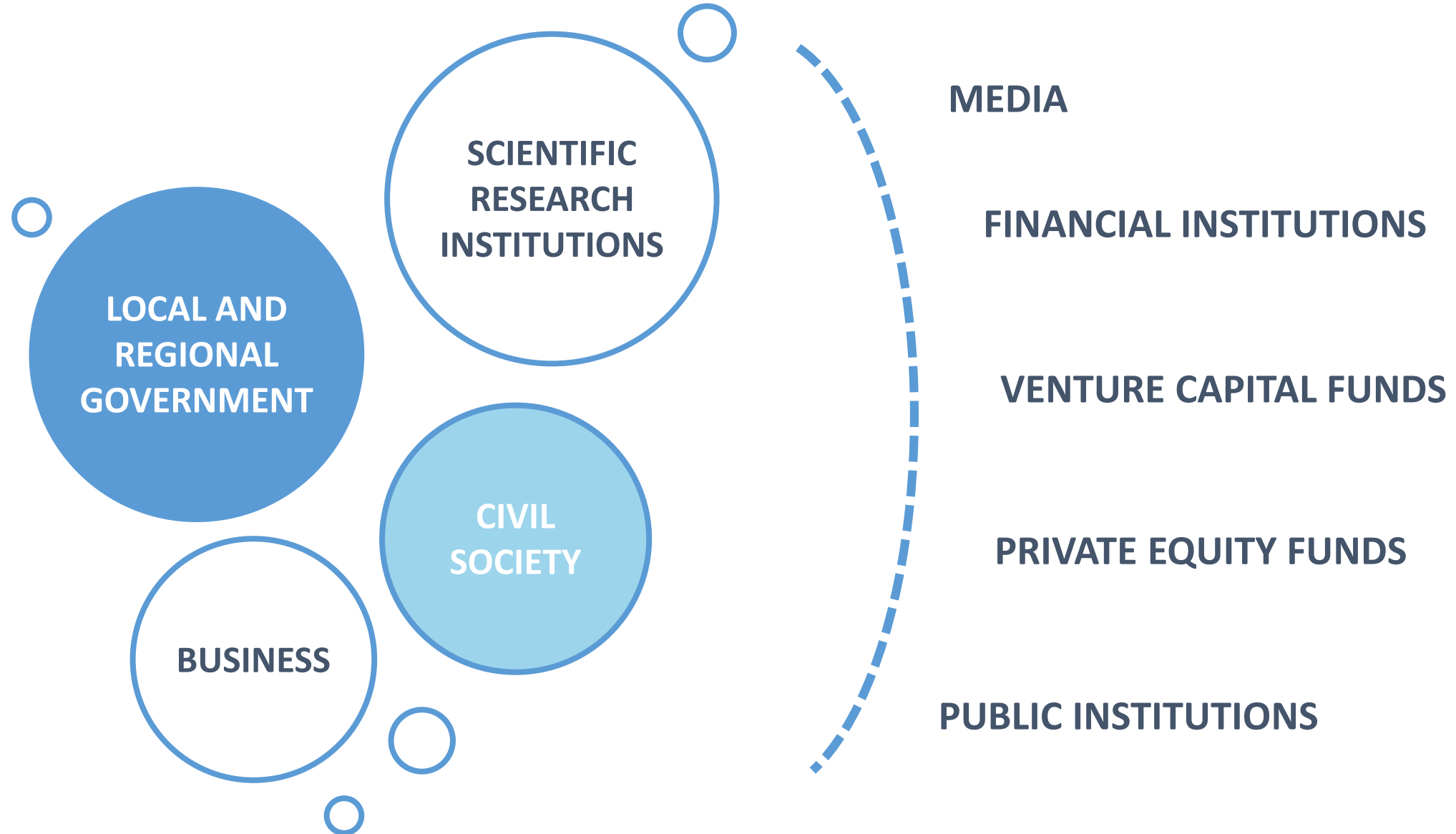
Networking relationships with the top-runners



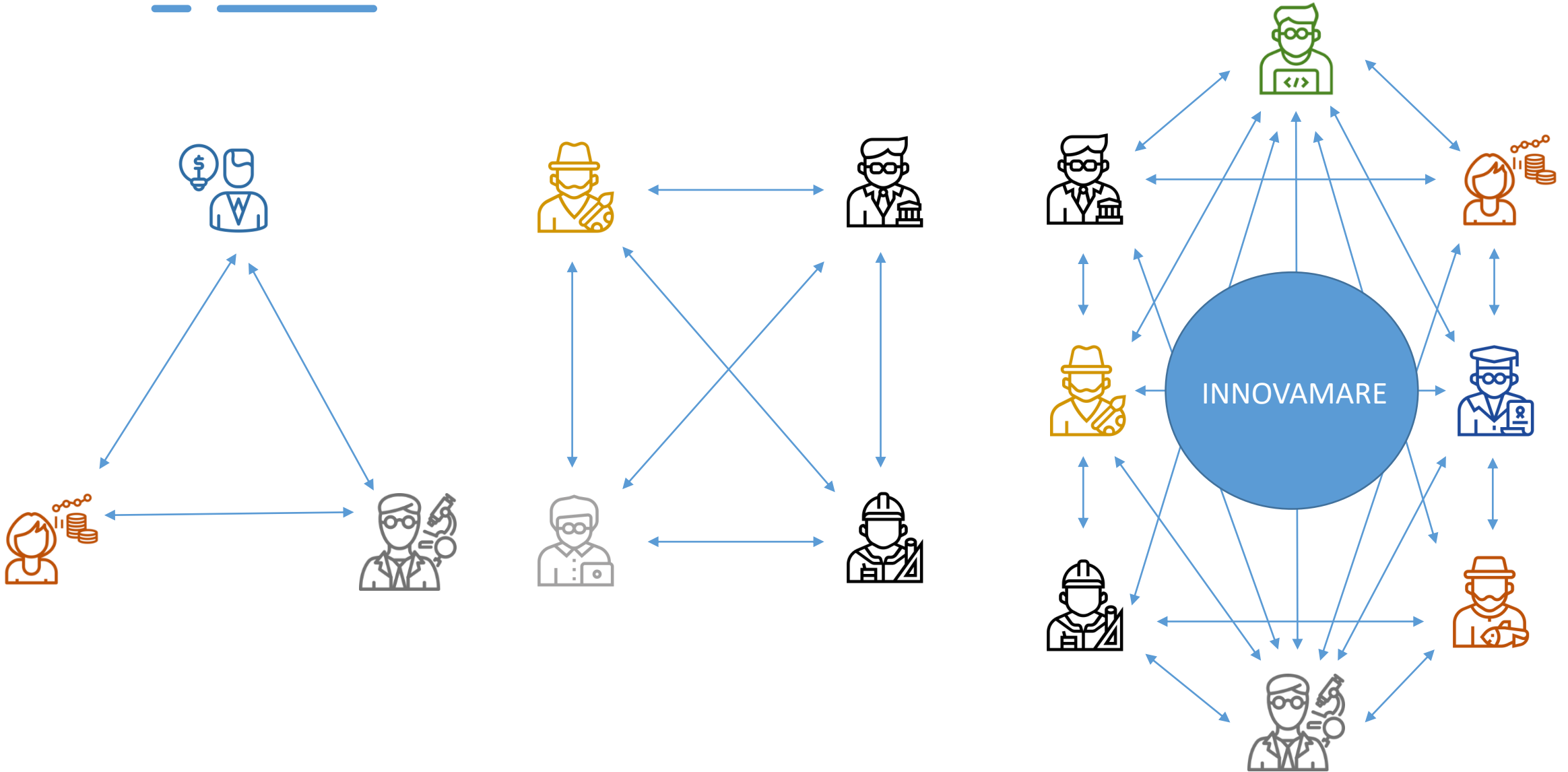
Access to continuous flow of attractive players.

ALL THAT WILL BE LINKED THROUGH THE PROJECT

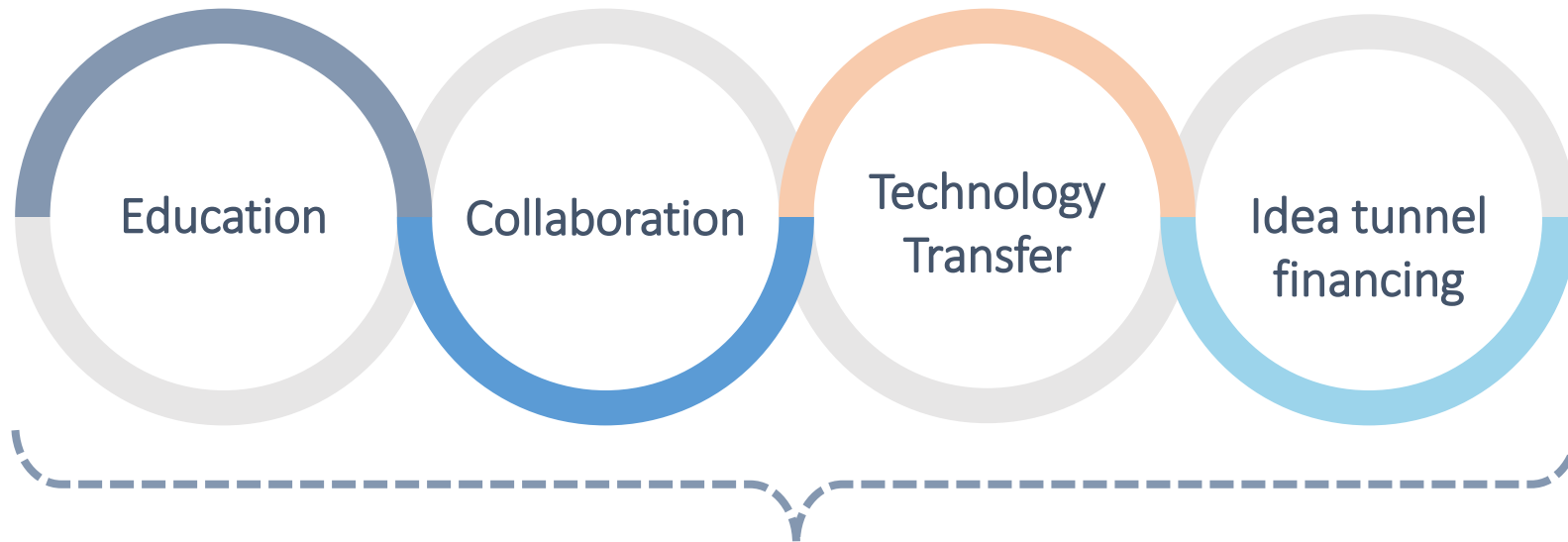
Innovamare Innovation Ecosystem



Innovamare Innovation Ecosystem



Digital Innovation HUB



MAiROS

INNOVAMARE activities

104

2
round tables

80
interviews

6
conferences

2
workshops

8
trainings

4
roadshows

2
study trip

INNOVAMARE Ecosystem



JOIN US ON OUR JOURNEY!

**ALL TOGETHER IN ONE MISSION – SUSTAINABILITY OF
ADRIATIC SEA!**

INNOVAMARE

DIVE INTO THE DEPTH
OF OPPORTUNITIES



Mateo Ivanac – Innovamare project manager

E-mail; mivanac@hgk.hr

Project email; innovamare@hgk.hr

Phone number; +38512078034