

## DIH INNOVAMARE PROJECT

### Methodology for the WP4 Co-creation of innovative solution concepts, project concept and new funding opportunities/schemes

#### A1 Create methodology and organize open call for identification of challenges in blue economy sectors that could be solved by innovative marine technologies

Project identification

Project id: ITHR0200416

Name of the lead partner organization: Hrvatska gospodarska komora

Name of the lead partner organization in English: Croatian Chamber of Economy

Project title: Cross-border digital innovation Hub for innovative marine technology

Project acronym: DIH InnovaMare

Program priority: Sustainable growth in the blue economy

Specific objective: Developed new innovative solution concepts for challenges in blue economy that are ready for funding opportunities

Project duration in months: 30



**Work package:** WP4 Co-creation of innovative solution concepts, project concept and new funding opportunities/schemes

**Activity title:** A1 - Create methodology and organize open call for identification of challenges in blue economy sectors that could be solved by innovative marine technologies

**Expected date:** 31st October 2024

**Activity description:** Setting up challenges and defining needs is the key driver to innovative companies and scientific-research institutions to understand for what they need to develop solutions with their expertise. So, the first step is to discover challenges and needs from different stakeholders. In this process we will set up a call for stakeholders from different sectors that are facing challenges or they have different needs for improvement in their activities with aim to have less impact on Adriatic sea and that can be solved with marine technologies. This can be companies from blue economy sectors, public companies, ports, local and regional authorities. Intention is to have at least 15 applied teams and 20 challenges and needs defined. So each organization can apply to max two challenges. PPs and Aps will be part of call creation as well as enable bigger reach for involvement of stakeholders. Responsible partner for this act is CCE.

Partner responsible: LP CCE

Dissemination level: CO-Confidential

Status: draft

Version: V1

Date: 01/10/2024



## Methodology for Open call for identification of challenges in blue economy sectors that could be solved by innovative marine technologies

### 1. General information (objective and scope)

- **Objective:** to identify challenges from different sectors in blue economy sectors that can be addressed by innovative marine technologies with aim to have less negative impact on Adriatic Sea. Contributions of stakeholders will help shape future initiatives and technological developments that promote sustainability, innovation, and resilience in our marine environments.
- **Scope:** all individuals and organizations involved in the traditional and emerging blue economy sector, listed below.

#### ESTABLISHED SECTORS OF BLUE ECONOMY

- 1. Fisheries and Aquaculture (Marine Living Resources):** This sector involves the farming, harvesting, processing, and marketing of aquatic plants and animals, such as fish, shrimp, and shellfish.
- 2. Maritime Transportation (Port activities, Maritime transport):** This sector includes shipping, ports, and related services, such as logistics, freight forwarding, and cargo handling.
- 4. Tourism and Recreation (Coastal Tourism):** This sector includes activities such as coastal tourism, recreation, and marine wildlife watching.
- 5. Coastal Infrastructure:** This sector involves the construction and maintenance of infrastructure, such as coastal protection and erosion control, as well as the development of marine based renewable energy infrastructure.

#### EMERGING BLUE ECONOMY SECTORS - The EU blue economy report 2022 - 2023

- 1. Emerging Marine Renewables:** This includes ocean energy, floating solar energy, and offshore hydrogen generation. These sources are crucial for sustainable growth and align with the European Green Deal's ambitious goals.
- 2. Blue Biotechnology:** Particularly focusing on algae, blue biotechnology involves the use of marine resources to develop products that could be used in pharmaceuticals, cosmetics, and food industries. The algae sector in particular shows strong market dynamics and socio-economic potential.
- 3. Desalination:** Desalination is commonly recognized as an emerging sector within the blue economy, providing critical solutions for fresh water.
- 4. Maritime Defense, Security, and Surveillance:** This sector includes activities that ensure the safety and security of maritime zones.



5. **Research and Infrastructure:** This includes the development of submarine cables and marine robotics, which are essential for improving the resilience and technological capabilities of maritime activities.

## 2. Stakeholder Engagement:

- **Key Stakeholders:**

- Stakeholders from traditional and emerging blue economy sectors including public companies, ports, local and regional authorities to identify the challenges.

- **Engagement Strategy:** each organization can apply 2 challenges maximum.

## 3. Call Structure:

- **Format:** the challenges will be submitted via form on mairos platform

- **Content of the call:**

1. Introduction

- Defined purpose, objective and eligibility
- DIH InnovaMare project general information

2. Submission Guidelines:

- **Challenge Description:** Clearly outline the specific challenge you have identified. Please include the following:
  - Context and background information
  - Importance of addressing this challenge
  - Current impacts on the blue economy
- **Potential Solutions:** Briefly describe how innovative marine technologies could address the identified challenge. This could include existing technologies or new ideas that require further development.
- **Stakeholder Involvement:** Indicate which stakeholders are affected by this challenge and how they could be engaged in potential solutions.
- **Contact Information:** Provide your name, organization, and contact details

3. Deadline for submissions

4. Information on submission format and link to mairos platform

5. Review process information

6. Contact information for additional inquiries



#### 4. Announcement and dissemination

Announcement of the Open call will be created and disseminated through projects' and projects partners' consortium websites and social media platforms.

The Open call will also be promoted at Conference on Marine technologies and implementation for sustainable blue economy in Padua.

#### 5. Review Process:

- The submissions will be reviewed by: **Project consortium**
- **Review Criteria:**
  - Relevance to blue economy sectors
  - Innovation potential
  - Feasibility of proposed solutions
  - Impact on stakeholders

#### 6. Timeline:

- Launch date: 27.11.2024.
- Deadline for submissions: 01.02.2025.
- Review period: 01.02.2025. – 01.03.2025.
- Announcement of selected challenges: 15.03.2025.

