

**ANNEX 2**

**Proposal Template for iMERMAID OC#1**

Open call #1 Extended demonstration of iMERMAID solutions in associated regions of the Mediterranean

Submission deadline: 17 September 2024, 17.00 CEST

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Table of Contents

[Table of Contents 3](#_Toc170113577)

[**LIST OF TABLES** 3](#_Toc170113578)

[Instructions 4](#_Toc170113579)

[1.0 Overview of the proposal (maximum 1 page) 6](#_Toc170113580)

[1.1 Executive summary 6](#_Toc170113581)

[1.2 Objectives 6](#_Toc170113582)

[2.0 Excellence (max 4 pages) 7](#_Toc170113583)

[2.1 Problem description and motivation 7](#_Toc170113584)

[2.2 Ambition 7](#_Toc170113585)

[2.3 Use case outline 7](#_Toc170113586)

[3.0 Impact (max 4 pages) 8](#_Toc170113587)

[3.1 Solution uptake and exploitation 8](#_Toc170113588)

[3.2 Environmental and social impact 8](#_Toc170113589)

[4.0 Implementation (max 5 pages) 9](#_Toc170113590)

[4.1 Work plan 9](#_Toc170113591)

[4.2 Team 11](#_Toc170113592)

[4.3 Budget 12](#_Toc170113593)

[ANNEX: Ethics Self-Assessment 14](#_Toc170113594)

[Ethics 15](#_Toc170113595)

[Security 15](#_Toc170113596)

**LIST OF TABLES**

[Table 1 Project plan 9](#_Toc170113597)

[Table 2 Milestones 10](#_Toc170113598)

[Table 3 -List of critical risks 11](#_Toc170113599)

[Table 4 - Proposed team 11](#_Toc170113600)

[Table 5 Person months and Personnel costs 12](#_Toc170113601)

[Table 6 - Total budget 12](#_Toc170113602)

Instructions

Please use this template to prepare your proposal for iMERMAID Open Call #1. **The structure of this template MUST be followed when preparing your proposal.** Applicants using other kind of templates/ document structure will be considered ineligible.

**Disclaimer:** *Please be aware that the proposal will be evaluated as it was submitted, with no additional documents or links to add information beyond the defined hereby.* The proposal is a self-contained document.

Before submitting your application,you **MUST read Annex 1 Guidelines for Applicants** to clearly understand the rules applying to the call. All documents are available at: <https://imermaid.eu/open-call-1/#documents.>

This template has been organized to ensure that the important aspects of your planned work are clearly measurable with respect to the evaluation criteria, which are:

* Excellence
* Impact
* Implementation

**Rules:**

* The page limit for the full proposal is **14 pages** (cover page, table of content page and the Ethical/Security Checklist are not included within the 14-page limit). All tables, figures, references, and any other element pertaining to these sections must be included as an integral part of the proposal.
* The allowed font type is “**Calibri Light**“ and the minimum **font size is 11** points.
* It is mandatory to save the document in PDF before uploading.
* Pages that go beyond the indicated limit will not be evaluated by the evaluators.
* **ENGLISH is the only eligible language of the proposal.**

**Tips:**

* Please take advantage of the different communication instruments offered by the iMERMAID consortium (i.e., info webinars, online Q&A via the F6S platform, and the website) to receive feedback on any questions you may have before submitting your proposal.
* It is in your interest to **keep your text as concise** as possible, since evaluators rarely view unnecessarily long proposals in a positive light.

***!!!! Delete this page and* guidance text in blue *in each section when submitting the proposal !!!***

|  |
| --- |
| Proposal information |
| Acronym  |  |
| Title |  |

|  |  |
| --- | --- |
| Entity name (Full legal name) | Country |
|  |  |

**Page count starts here (remove this sentence)**

# Overview of the proposal (maximum 1 page)

## Executive summary

Describe an overview of your intended proposed work. What will be performed, why is it important, who will be involved, challenges to address, expected outcome.

Add text here.

## Objectives

Please state a clear objective/ a set of objectives of your intended work for the 9-month programme. Are they measurable and verifiable. Are they realistically achievable?

Add text here.

# Excellence (max 4 pages)

## Problem description and motivation

- Describe the challenging/problematic scenario to be addressed by your project, explaining how the current situation looks like, what are the existing limitations. Identify the challenges and barriers and how your project will address this/these.

- Provide description of the end user problem or the necessity that a certain region where the iMERMAID solution will be piloted and needs to be addressed by this solution.

## Ambition

- Describe the positive advancement based on your activity.  Whenever possible quantify the aspects involved.

- Describe to what extent your proposed project contributes to the iMERMAID scope, have a European dimension and are beyond the State of the Art.

- Describe the innovative approach behind it (e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models).

- Demonstrate how your project will contribute to the take-up of the iMERMAID solution, through deploying and validating relevant technology.

## Use case outline

-Describe your approach and use-case methodology, including the identification of relevant activities such as roadmaps, plans and actions to prevent, eliminate and remediate pollution from chemicals. Indicate any relevant solutions that will be deployed during the course of the use-case towards the feasibility, replicability and scale up of the iMERMAID solutions. You can as well use the iMERMAID use-case checklist, available in Annex 1.1 to support you in developing this section.

Describe:

- How will the use-case approach the selected iMERMAID topic/topics?

- Identify the iMERMAID solution of interest. Please refer to Annex 1.1 Technical Specification

- Your previous experience with similar approaches?

- Plan to conduct the use-case, technical milestones

- Describe how data will be managed

- Any applicable standards to be used and/or updated, data to be captured for decision support systems, validation methodologies, etc.

Add text here.

# Impact (max 4 pages)

## Solution uptake and exploitation

* Provide information about the exploitation model that should highlight the sustainability aspect and the potential common exploitation path between the iMERMAID technology provider and the third-party applicant(s) after the end of the use-case.
* Demonstrate what you would like to achieve, what you want to do and whether there is business potential, e.g. because it solves a problem for a specific target user etc.
* Describe your exploitation plan with focus on how the activities conducted during the 9- months programme will be sustained after the end of your project with the goal to deploy the selected IMERMAID solution, exploit and/ or commercialize it in a specific sector/process/etc.

Add text here.

## Environmental and social impact

Describe your project contribution towards environmental, social and economic impacts to contribute to sustainable development - with a focus on: the EU Zero Pollution Action Plan, the Convention for the protection of the Mediterranean sea against pollution, the Chemical Strategy for Sustainability, Water Framework Directive,  Marine Strategy Framework Directive and the [EU Mission: Restore our Ocean and Waters](https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/eu-missions-horizon-europe/restore-our-ocean-and-waters_en) objectives.

Add text here.

# Implementation (max 5 pages)

## Work plan

Describe the proposed work plan to be implemented towards the achievement of the objectives/ results. Include also:

* The specific activities that will be implemented, the time required, and expected outputs.
* Relevant milestones and preliminary KPIs to measure achievement of results.
* External barriers/ risks that may affect the work plan and compromise the project.

List the relevant activities of your use-case in the table below.

Table 1 Project plan

|  |
| --- |
| Project Plan  |
| 1. Stage 1 – Use case definition (2-months)

**Task 1.1 name & period of execution M=month (Mx-Mx)****Clear objective of the task** **Clear description of the task****Clear contribution to the task of the organisation(s)****Expected outcome(s)****Task 1.2 name & period of execution (Mx-Mx)****Clear objective of the task****Clear description of the task****Clear contribution to the task of the organisation(s)Expected outcome(s)****Expected outcome(s)**1. Stage 2 – Use case implementation (4-months)

**Task 2.1 name & period of execution (Mx-Mx)****Clear objective of the task****Clear description of the task****Clear contribution to the task of the organisation(s)****Expected outcome(s)****Task 2.2 name & period of execution (Mx-Mx)****Clear objective of the task****Clear description of the task****Clear contribution to the task of the organisation(s)****Expected outcome(s)****Add more tasks as needed.****Add more tasks or remove as needed**1. Stage 3 – Use case evaluation and feedback (3 months)

**Task 3.1 name & period of execution (Mx-Mx)****Clear objective of the task****Clear description of the task****Clear contribution to the task of the organisation(s)****Expected outcome(s)****Task 3.2 name & period of execution (Mx-Mx)****Clear objective of the task****Clear description of the task****Clear contribution to the task of the organisation(s)****Expected outcome(s)** |

Note: Add as many lines as needed.

List the relevant milestones connected to the activities and stages of development of your use-case in the table below.

Table 2 Milestones

|  |  |  |  |
| --- | --- | --- | --- |
| Activity name | Milestone | Milestone description | Delivery month |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Note: Add as many lines as needed.

List any potential risks that may hinder the successful implementation and further exploitation of the project activities.

Table 3 -List of critical risks

|  |  |  |  |
| --- | --- | --- | --- |
| Risk name | Description | Level of impact (Low/ Medium/ High) | Mitigation measure |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Note: Add rows as needed.

## Team

* Demonstrate your team’s:
	+ management and leadership qualities,
	+ ability to take a concept from ideas to system deployment,
	+ capacity to carry through the suggested use-case, exploitation and sustainability plan.
* The team should comprise a cross functional expertise, with a strong background and skills base and taking into account gender balance.

Describe the team involved in the project in the table below. Please enter the details of the persons who are expected to be involved in the execution.

Table 4 - Proposed team

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Entity | Name of person | Role in the project | Link to Linkedin profile or equivalent | Gender |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Note: Add as many lines as needed.

Below, please provide a short summary of the relevant experience of the team members. When appropriate include previous project references pertinent to the proposal e.g. products, publications, patents, participation in conferences, collaborations, community projects, etc.

Please describe the competences of the organization and in particular the team which will realise the results.

Include:

* Organisation profile and main relevant expertise
* Technical competences
* Competences adequate to the expected role
* Participating team members competences/ skills

In case of a joint application provide the same information for the second entity

## Budget

Demonstrate the quality and effectiveness of the resources assigned in order to get the

objectives/deliverables proposed.

Please indicate the number of person-months (full-time equivalent) of people involved in the project in the table below for the 9 months of project. Notice that a PM is a metric for expressing the effort of a person dedicated full time in one month.

Table 5 Person months and Personnel costs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Entity | Name of person | Person Months (PM) | Monthly rate in Euros (MR) – Actual costs only | Direct personnel costs(PMxMR) |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Add lines as needed.

Provide a description of expected costs and the requested total contribution using the table. Write only the costs that will be funded by the iMERMAID project. Do NOT include any cost that will be covered by your own resources or other means. The maximum amount of funding that an application may receive from iMERMAID is up to 100.000 EUR via any mean.

Table 6 - Total budget

|  |  |
| --- | --- |
| Item  | Amount (€) |
| Entity 1 | Entity 2 (only if applicable) otherwise delete | Total |
| Direct personnel costs (a) |  |  |  |
| Other direct costs (Equipment) (b)(Depreciation costs only) |  |  |  |
| Other direct costs (Software licences, etc.) (c) |  |  |  |
| Other direct cost (Travel expenses) (d) |  |  |  |
| Other direct cost (Others) (e) |  |  |  |
| Subcontracting (f) |  |  |  |
| Indirect costs (0,25 x (a +b +c +d+e))  |  |  |  |
| Total |  |  |  |

# ANNEX: Ethics Self-Assessment

ETHICAL ISSUES TABLE - CHECKLIST to be completed.

|  |  |
| --- | --- |
|  | **YES/NO** |
| **Informed Consent** |  |
| * Does the proposal involve children?
 |  |
| * Does the proposal involve patients or persons not able to give consent?
 |  |
| * Does the proposal involve adult healthy volunteers?
 |  |
| * Does the proposal involve Human Genetic Material?
 |  |
| * Does the proposal involve Human biological samples?
 |  |
| * Does the proposal involve Human data collection?
 |  |
| **Research on Human embryo/foetus** |  |
| * Does the proposal involve Human Embryos?
 |  |
| * Does the proposal involve Human Foetal Tissue / Cells?
 |  |
| * Does the proposal involve Human Embryonic Stem Cells?
 |  |
| **Privacy** |  |
| * Does the proposal involve processing of genetic information or personal data (e.g. health, sexual lifestyle, ethnicity, political opinion, religious or philosophical conviction)
 |  |
| * Does the proposal involve tracking the location or observation of people?
 |  |
| **Research on Animals** |  |
| * Does the proposal involve research on animals?
 |  |
| * Are those animals transgenic small laboratory animals?
 |  |
| * Are those animals transgenic farm animals?
 |  |
| * Are those animals cloned farm animals?
 |  |
| * Are those animals nonhuman primates?
 |  |
| **Research Involving Developing Countries** |  |
| * Use of local resources (genetic, animal, plant etc)
 |  |
| * Benefit to local community (capacity building i.e. access to healthcare, education etc)
 |  |
| **Dual Use** |  |
| * Research having direct military application
 |  |
| * Research having the potential for terrorist abuse
 |  |
| **ICT Implants** |  |
| * Does the proposal involve clinical trials of ICT implants?
 |  |
| **I CONFIRM THAT NONE OF THE ABOVE ISSUES APPLY TO MY PROPOSAL** |  |

# Ethics

If you have entered any ethics issues in the ethics self-assessment table, you must, once selected submit:

* how the proposal meets the national legal and ethical requirements of the country or countries where the tasks raising ethical issues are to be carried out;
* explain in detail how you intend to address the issues in the ethics self-assessment table, in particular as regards:
* research objectives (e.g. study of vulnerable populations, dual use, etc.)
* research methodology (e.g. clinical trials, involvement of children and related consent procedures, protection of any data collected, etc.)
* the potential impact of the research (e.g. dual use issues, environmental damage, stigmatization of particular social groups, political or financial retaliation, benefit-sharing, malevolent use, etc.).
* provide the documents that you need under national law (if you already have them), e.g.:
* an ethics committee opinion;
* the document notifying activities raising ethical issues or authorizing such activities
* If these documents are not in English, you must also submit an English summary of them (containing, if available, the conclusions of the committee or authority concerned).
* If you plan to request these documents specifically for the project you are proposing, your request must contain an explicit reference to the project title.

# Security

**Please indicate if your project will involve:**

* Activities or results raising security issues:  (YES/NO)
* 'EU-classified information' as background or results: (YES/NO)
* Any potential “dual use” of results: (YES/NO)

The Mediterranean Sea and its surrounding regions support a diverse variety of essential socioeconomic activities. It is one of the highly exploited water ways and the influence of anthropogenic activities on its marine habitats and ecosystems has grown significantly since the industrial revolution. Because of this, the Mediterranean Sea basin is very vulnerable to chemical contamination and build-up. To safeguard the Mediterranean Sea basin from contaminants for emerging concerns (CoEC), iMERMAID will integrate, coordinate, and synergize innovative preventive, monitoring, and remediation solutions. iMERMAID will build an evidence-based multidimensional framework that will guide policymaking and transform societal perceptions to reduce CoEC usage, emissions, and pollution. Furthermore, next generation sensor and remediation solutions will be developed within iMERMAID to monitor and remove prioritized chemicals from its source while reducing upstream pollution. iMERMAID builds an ideal interdisciplinary team by bringing together prominent SMEs, researchers, regulators, and innovation professionals who have been essential in improving the knowledge and awareness of CoEC. Beyond state-of-the-art techniques, iMERMAID will strive to strengthen regulations against CoEC, expand economic possibilities and competitiveness, improve the standard of living for EU residents, while preventing the accumulation of chemical pollution in the Mediterranean Sea basin. iMERMAID will empower the efforts to create a zero pollution, contaminant free waters by enabling the Chemical Strategy's goals to become a practical reality.



