

ToR Reference No.: 2021/08 WP8	Author(s): Roberto Crosti/Antonella Arcangeli
Version: Final	Date: 22/10/2020
TERMS OF REFERENCE FOR WORK UNDER THE AUSPICES OF IMPEL	

1. Work type and title

1.1 Identify which Expert Team this needs to go to for initial consideration	
Industry and air	<input type="checkbox"/>
Waste and TFS	<input type="checkbox"/>
Water and land	x
Nature protection	<input type="checkbox"/>
Cross-cutting tools and approaches	<input type="checkbox"/>
1.2 Type of work you need funding for	
Exchange visits	<input type="checkbox"/>
Peer reviews (e.g. IRI)	<input type="checkbox"/>
Conference	<input type="checkbox"/>
Development of tools/guidance	x
Comparison studies	x
Assessing legislation (checklist)	<input type="checkbox"/>
Other, (please describe):	<input type="checkbox"/>
1.3 Full name of work (enough to fully describe what the work area is)	
Europe Marine Transborder Transect for the monitoring of macro fauna and anthropogenic pressures	
1.4 Abbreviated name of work or project	
Europe-MTT	

2. Outline business case (why this piece of work?)

2.1 Name the legislative driver(s) where they exist (name the Directive, Regulation, etc.)
<ul style="list-style-type: none"> • 1st Marine Strategy Framework Directive • 2nd Habitats/Bird Directives • 3rd Waste Directive • 4th Regional Sea Convention agreements (Barcellona and OSPAR)

2.2 Link to IMPEL MASP priority work areas

- | | |
|--|--------------------------|
| 1. Assist members to implement new legislation. | <input type="checkbox"/> |
| 2. Build capacity in member organisations through the IMPEL Review Initiatives. | <input type="checkbox"/> |
| 3. Work on 'problem areas' of implementation identified by IMPEL and the European Commission. | <input type="checkbox"/> |
| 4. Other, (please specify):
European guidelines to fulfil the requirements of the MSFD and other Directive relating marine issue, including technical and training workshop | X |

2.3 Why is this work needed? (background, motivations, aims, etc.)

Since many years several research/charity bodies work on monitoring macro fauna such as cetaceans and turtles using large vessels, cargos and ferries as platform for systematic surveys. The main networks are the FLT med network leaded by ISPRA, the "North East Atlantic" Network leaded by ORCA (which publishes yearly the "State of European cetacean") and the "Macoronesia sea" (lead by CIIMAR). The networks are expanding also for the southern countries of the Mediterranean Region (such as Tunisia and Marocco).

At present data collection and the following analysis of the networks have gaps as are not properly/directly designed to respond to the European legislative drivers and to support decision making at EU level. In addition there is a strong need for all the team leaders of the different bodies of the networks to meet and strengthen the collaboration, the best practices, and the development of a common monitoring protocol.

All these gaps and needs clearly emerged from the first online meetings of the FLT Europe IMPEL 2020 projects in the first screening phase where a review of the marine EU legislative drivers (i.e MSFD), of the different protocol settings on parameters for data collection, data format and published analyses were discussed.

Main aim of the project is to fulfil, after the scoping phase of the FLT Europe IMPEL 2020 project, all the gaps in the different monitoring protocols in order to standardize them and draw guidelines to efficiently support decision-making across Europe and respond to MSFD and the other EU environment directive in the sea water compartment.

This will be reached in successive step focusing on

- a. Data Collection protocol by best setting condition for monitoring (roadmap as for FMML)
- b. Data Format : fine tuning and improvement
- c. Data Analyses: improve and set the protocol with regards of what is needed for the main environment Directives for cetaceans, sea turtle and sea birds, marine litter:

In order to respond specifically to the following legislative requirements

- MSFD: D1C2 (abundance), D1C4 (distribution) , D1C5 (habitat), D10 (FloatingMacroMarineLitter).

- HD & BD: Natura 2000 at sea surveillance (site chosen for species in the Annex II); settings of the FRV; species assessment: range, abundance and trend, habitat
- Other International agreements signed by EU member states: Surveillance in other important site for macro fauna (e.g. IMMAs, MMPA,..).

2.4 Desired outcome of the work (what do you want to achieve? What will be better / done differently as a result of this project?)

Achieving common European guidelines on data collection (together with an APP), data format and data analysis will allow to monitor better marine macrofauna along transborder transect using large vessels/ferries as platform of systematic surveys so to respond with a superior standard to the EU environmental legislation drivers

2.5 Does this project link to any previous or current IMPEL projects? (state which projects and how they are related)

FLT EUROPE 2020, was the start up project which underlined and stated the necessity of European shared Guidelines to undertake marine monitoring using transborder transects using large vessels/ferries as platform of observation for systematic surveys of large vertebrate such as cetaceans, turtles and their threats such as marine litter to respond to marine legislative drivers. Outcomes of the IMPEL FLT EUROPE project are, as a matter of fact, preparatory of this project as will analyse in deep the gaps and the needs of using Marine Transborder Transect

3. Structure of the proposed activity

3.1 Describe the activities of the proposal (what are you going to do and how?)

Following the outcomes of the preparatory FLT EUROPE 2020 project (at present in progress) all the team leaders of the several research/charity bodies of the networks, together with the IMPEL members will meet and exchange all the information and propose how to strengthen both the collaboration and the improvement of the common monitoring protocol. Meetings will be held both online and if possible will be undertaken also physical in meeting facilities in the “field” (directly on board of large vessels in order to have a better perspective of the issues to be analyse).

3.2 Describe the products of the proposal (what are you going to produce in terms of output / outcome?)

Outcome will be European Guidelines drawn in different yearly steps (respectively: and united at the end of the project and an APP (android) for data collection all the networks will use for the macro fauna monitoring for the fulfilments of the mentioned legislative drivers

3.3 Describe the milestones of this proposal (how will you know if you are on track to complete the work on time?)

- June/2021: analysis of the FLT Europe IMPEL 2020 project outcomes on gaps and needs for the Europe Marine Transborder Transect for the monitoring of macro fauna and pressure such as marine litter.
- December/2021: Final Report on Data Collection protocol by best setting condition for monitoring along marine transborder transects; APP development.
- June/2022: 1st stage fine tuning and improvement of Data Format.
- December/2022: Final Report on Data Format to use in the monitoring along marine transborder transects.
- June/2023: in deep scrutiny of best Data Analyses so to improve and set the protocol with regards of what is needed for the main EU Environment Legislative framework for cetaceans, sea turtle and sea birds, marine litter
- December/2023 Final report on data analysis to respond to EU Environment Legislative framework
- June/2024 Publication of the full Guidelines
- December/2024 Dissemination and Capitalization of the project

3.4 Risks (what are the potential risks for this project and what actions will be put in place to mitigate these?)

The impossibility of physical meetings where in different groups experts and members write together reports and guidelines. To mitigate online meetings and the support of a consultant in helping with the writing.

4. Organisation of the work

4.1 Lead (who will lead the work: name, organisation and country) – this must be confirmed prior to submission of the TOR to the General Assembly)

Roberto Crosti, ISPRA Istituto Superiore Protezione e Ricerca Ambientale. Italy

4.2 Project team (who will take part: name, organisation and country)

- Antonella Arcangeli, ISPRA, Italy
- Paola Tepsich, CIMA, Italy
- Marta Azzolin, GAIA, Greece.
- Lea David, GIS3M, France
- Ana Mafalda Correia, CIIMAR, Portugal
- Sally Hamilton, ORCA, UK
- Morgani Vighi, University of Barcelona, Spain

4.3 Other IMPEL participants (name, organisation and country)

- Carmen Mifsud, ERA, Malta
- Maria Attard, ERA, Malta
- Roberto Crosti, ISPRA, Italy
- Tiziana Chieruzzi Italian Environment Ministry-MATTM, Italy TBC

- Ana Isabel Garcia, IGAMAOT, Portugal, TBC
- UK member TBC
- Spain member TBC
- France member TBC
- Greece member TBC

4.4 Other non-IMPEL participants (name, organisation and country)

- Ilaria Campana, University Tuscia, Italy
- Fabrizio Atzori, MPA Capo Carbonara, Italy
- Lucy Babey, ORCA, UK
- Martina Gregorietti, Palermo University, Italy
- Miriam Paraboschi, Accademia Leviatano, Italy
- Alessia Scuderi, Nereide, Spain
- Nathalie Di Meglio, EcoOcean, France
- Giuliana Pellegrino, Accademia Leviatano, Italy
- Fulvio Maffucci, Anton Dohrn, Italy
- Odei Garcia Garin, University of Barcelona, Spain
- Clara Monaco, Marecamp, Italy
- Aurelie Moulins, CIMA, Italy
- Mehdi Aissi, SPA RAC, Tunisi

5. High level budget projection of the proposal. In case this is a multi-year project, identify future requirements as much as possible

This is an Excel Table, please double click on it to open it and to fill it.	2021 (exact)	2022	2023	2024
Travel and subsistence costs for IMPEL (should match the total costs of Annex I)	720.00 €	7,800.00 €	9,750.00 €	7,800.00 €
Travel and subsistence costs co-financed	0.00 €	0.00 €	0.00 €	0.00 €
Consultant(s) costs for IMPEL	3,960.00 €	1,800.00 €	2,700.00 €	2,700.00 €
Consultant(s) costs co-financed	0.00 €	0.00 €	0.00 €	0.00 €
Translation costs for IMPEL	0.00 €	0.00 €	0.00 €	0.00 €
Translation costs co-financed	0.00 €	0.00 €	0.00 €	0.00 €
Total costs for IMPEL	4,680.00 €	9,600.00 €	12,450.00 €	10,500.00 €
Total co-financed	0.00 €	0.00 €	0.00 €	0.00 €
Total budget	4,680.00 €	9,600.00 €	12,450.00 €	10,500.00 €

6. Detailed other costs of the work for year 1

6.1 Are you using a consultant?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.2 What are the total costs for the consultant?	3.600 Euro
6.3 Who is paying for the consultant?	IMPEL
6.4 What will the consultant do?	
6.5 Are there any additional costs (NOT included in point 5)?	Yes No <input checked="" type="checkbox"/> If your answer is 'Yes', please describe:
6.6 What are the additional costs for?	Click or tap here to enter text.
6.7 Who is paying for the additional costs?	Click or tap here to enter text.
6.8 Are you seeking other funding sources?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If your answer is 'Yes', please describe:
6.9 Do you need budget for communications around the project? If so, describe what type of activities and the related costs.	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If your answer is 'Yes', please describe:

7. Communication and follow-up (checklist)

	What		By when
7.1 Indicate which	TOR ^v *	<input type="checkbox"/>	

<p>communication materials will be developed throughout the project and when?</p> <p><i>(all to be sent to the Communications Officer at the IMPEL Secretariat)</i></p>	Interim report ✓ *	<input type="checkbox"/>	
	Progress report(s) ✓	<input type="checkbox"/>	
	Project report ✓ *	<input type="checkbox"/>	
	Press releases	X	Start of the project and then each year
	News items for the website ✓ *	X	When ever needed
	News items for the e-newsletter	X	When ever needed
	Project abstract ✓ *	X	On request of different newsletters
	IMPEL at a Glance ✓	<input type="checkbox"/>	
	Other, (give details):	<input type="checkbox"/>	
7.2 Milestones / Scheduled meetings (for the website diary).	TBC in 2021, however no physical meetings are programmed		
7.3 Images for the IMPEL image bank.	Yes <input type="checkbox"/> No <input type="checkbox"/>		
7.4 Indicate which materials will be translated and into which languages.	Final guidelines will be in English		
7.5 Indicate if web-based tools will be developed and if hosting by IMPEL is required.			
7.6 Identify which groups/institutions will be targeted and how.	All research/charity bodies in charge for marine conservation in Europe		
7.7 Identify parallel developments / events by other organisations, where the project can be	Main conference on the topic		

promoted.

*^) Templates are available and should be used. *) Obligatory*

8. Remarks

Is there anything else you would like to add to the Terms of Reference that has not been covered above?

Annex 1 submeetings are within country and will need less travel budget per person. Some bodies will use for sub-meeting own funds.

*In case of doubts or questions please contact the
[IMPEL Secretariat](#).*

***Draft and final versions need to be sent to the
[IMPEL Secretariat](#) in word format, not in PDF.***

Thank you.

Annex I – Detailed event costs of the project

This is an Excel table, please double click on it to open and to fill it up. You should only fill the columns and lines in light yellow.

	Event	Number of days	Travel (maximum per round trip) 360 €	Hotel (maximum per night) 120 €	Catering* (maximum per day) 25 €	Total costs per Event
Description of Event	Meeting /submeetings	0	720,00 €	0,00 €	0,00 €	720,00 €
Location	TBC					
Month	July 2021					
Number of Participants	2					
Description of Event			0,00 €	0,00 €	0,00 €	0,00 €
Location						
Month						
Number of Participants						
Description of Event			0,00 €	0,00 €	0,00 €	0,00 €
Location						
Month						
Number of Participants						
Description of Event			0,00 €	0,00 €	0,00 €	0,00 €
Location						
Month						
Number of Participants						
		Total Costs	720,00 €	0,00 €	0,00 €	720,00 €
* Catering = Lunch and coffee breaks per participant per day						