OCEAN DIALOGUES
AT THE SCIENCE-POLICY-SOCIETY INTERFACE

SUPPORTING EFFECTIVE OCEAN GOVERNANCE

The role of Responsible Research & Innovation and Ocean Literacy

How can management & sector policies support - and benefit from - co-created ocean knowledge and Ocean Literacy?

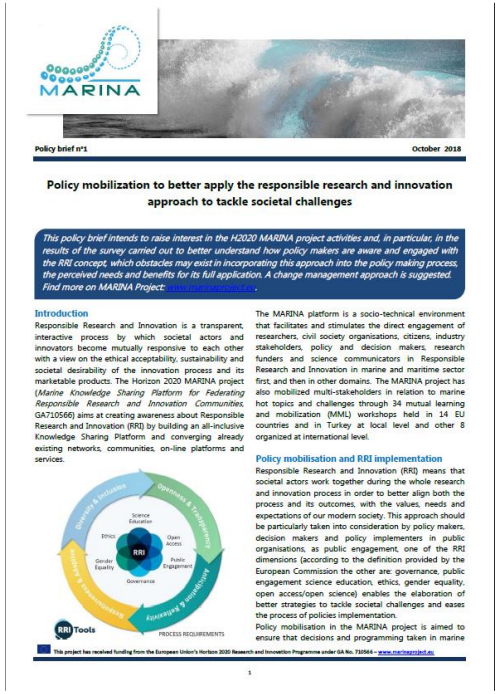
Food for thoughts

March 20, 2019

On behalf of the MARINA & ResponSEAble projects, with contributions from participants at the 2019 Ocean Dialogues

MARINA RESPONSEABLE
These projects had received funding from the European Union's Horizon 2020 Framework Programme for Research and Innovation under grant agreement No. 652643 and 710556

Message 1 - Enhance policies to **sustain knowledge co-creation** and the **role of this wider knowledge-base in ocean management**



MARINA

Policy brief n°1 October 2018

Policy mobilization to better apply the responsible research and innovation approach to tackle societal challenges

This policy brief intends to raise interest in the H2020 MARINA project activities and, in particular, in the results of the survey carried out to better understand how policy makers are aware and engaged with the RRI concept, which obstacles may exist in incorporating this approach into the policy making process, the perceived needs and benefits for its full application. A change management approach is suggested. Find more on MARINA Project:

Introduction

Responsible Research and Innovation is a transparent, interactive process by which societal actors and innovators become mutually responsive to each other with a view on the ethical acceptability, sustainability and societal desirability of the innovation process and its marketable products. The Horizon 2020 MARINA project (*Marine Knowledge Sharing Platform for Federating Responsible Research and Innovation Communities*, GA710566) aims at creating awareness about Responsible Research and Innovation (RRI) by building an all-inclusive Knowledge Sharing Platform and converging already existing networks, communities, on-line platforms and services.

The MARINA platform is a socio-technical environment that facilitates and stimulates the direct engagement of researchers, civil society organisations, citizens, industry stakeholders, policy and decision makers, research funders and science communicators in Responsible Research and Innovation in marine and maritime sector first, and then in other domains. The MARINA project has also mobilized multi-stakeholders in relation to marine hot topics and challenges through 34 mutual learning and mobilization (MML) workshops held in 14 EU countries and in Turkey at local level and other 8 organized at international level.

Policy mobilisation and RRI implementation

Responsible Research and Innovation (RRI) means that societal actors work together during the whole research and innovation process in order to better align both the process and its outcomes, with the values, needs and expectations of our modern society. This approach should be particularly taken into consideration by policy makers, decision makers and policy implementers in public organisations, as public engagement, one of the RRI dimensions (according to the definition provided by the European Commission the other are: governance, public engagement science education, ethics, gender equality, open access/open science) enables the elaboration of better strategies to tackle societal challenges and eases the process of policies implementation.

Policy mobilisation in the MARINA project is aimed to ensure that decisions and programming taken in marine

RRI Tools

PROCESS REQUIREMENTS

This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under GA No. 710566 – www.marinaproject.eu

BOX 2- COMMENTS FROM INTERVIEWS: Expected benefits from CMA.

"I expect a public administration closer to citizens, a research useful for society and able to involve it at large"

A survey with more than 100 marine EU policy makers and research institutions showed us that concepts like engagement are known, but still many barriers exists to make it operational in relation to knowledge co-production

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Message 2 - Develop **new skills** with more attention to **human sciences** (in particular sociology, psychology, media, marketing, economics, law, social processes…)

Capture « what drives » people and the connections between knowledge, perception, attitude and behaviour.

- Blue skills not to be only technical & natural science oriented
- Ensure trandisciplinarity is reality
- Deliver sound «no one fits all» solution

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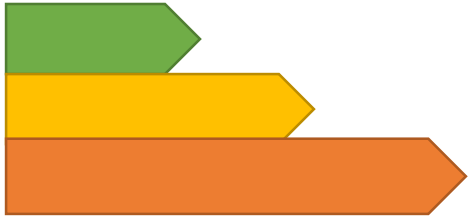
Message 3 - Strengthen **accountability** & **credibility of engagement processes** (both research and policy)

Certification of stakeholder engagement (living-lab, stakeholder mobilization) as driver to change ?



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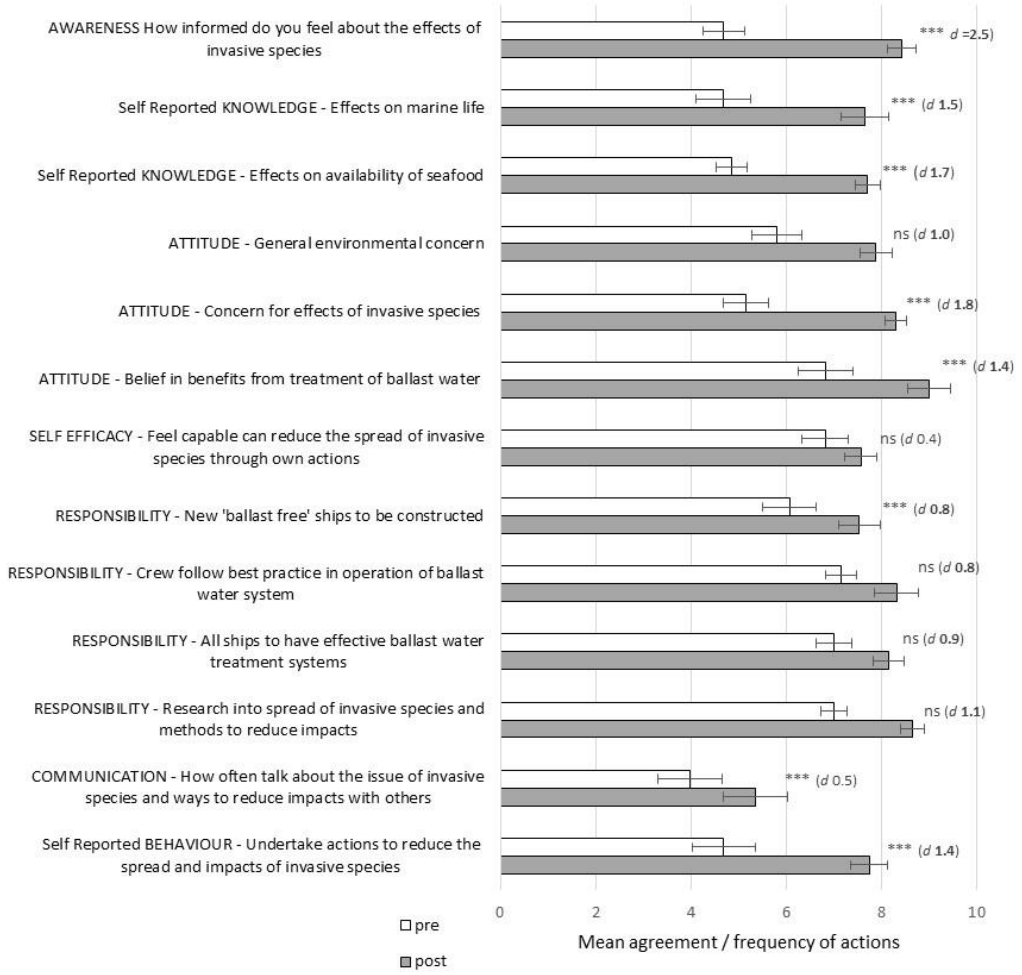
Message 5 - Make **aluation a requirement** to m om experience. Alloca man, financial, time…) t



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Message 6 _ Support **forward looking exercises** (vision building) at different scales and for different sea basins for shedding lights on emerging ocean challenges and sectors in a context of global change –thus anticipating **future needs** for, and roles of, the ocean knowledge system

From the Ocean Dialogues

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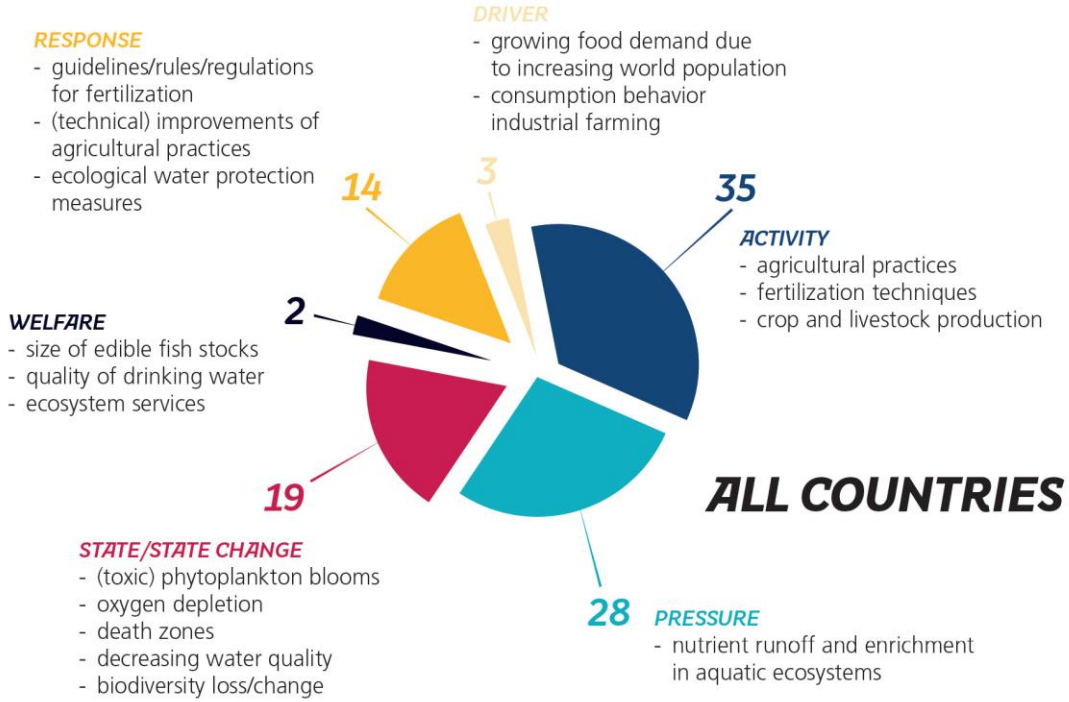
Message 7 - Ensure **ocean literacy initiatives** are **targeted** and provide **the "right narrative"**



Source: ResponSEAble

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