



Towards Strategic Joint Programming on a Transatlantic level

BILAT USA 2.0

6 October 2014

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MB Executive Committee

JPI
OCEANS

What is JPI Oceans?

- **The only high-level strategic process that exists, to provide a long-term integrated approach to marine and maritime research and technology development in Europe.**
- Intergovernmental process, open to all MS and AC with an interest in marine maritime research.
- Cooperation and integration of national R&D investments in a long-term strategic manner.
- Joint actions are implemented by those countries willing to participate (*variable geometry principle*).
- Focused on solving the societal challenges of our seas and oceans that cannot be solved solely on the national level...

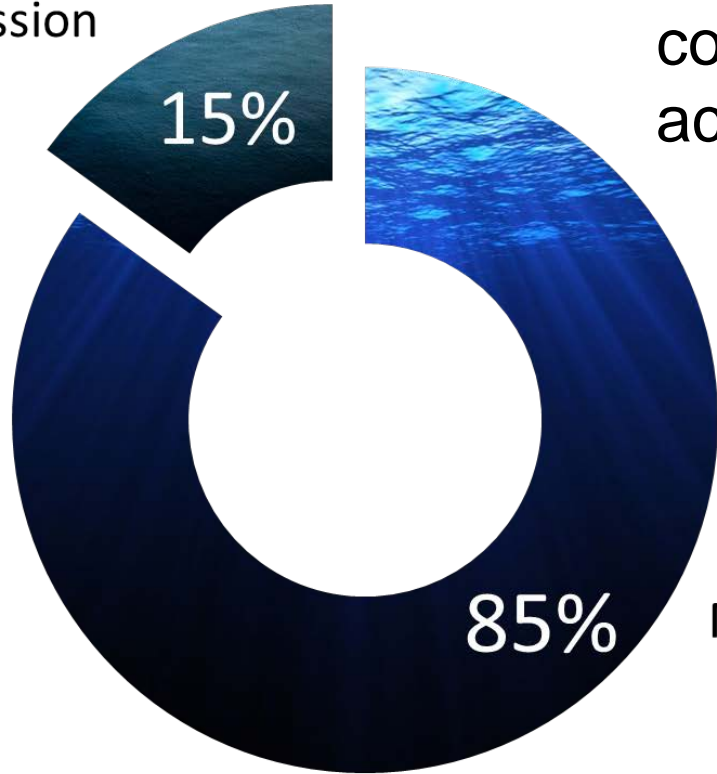
20 Participating countries
+ EC non-voting member



Research funding in Europe

Research Funding in Europe

Intergovernmental and
European Commission



Aim is to achieve greater coordination and alignment across these 85%.

Member
States



JPI Oceans and the Transatlantic Ocean Research Alliance

JPI Oceans & the Transatlantic Ocean Research Alliance

Transatlantic Ocean Research Alliance (TORA) is aimed at:

“recommending priorities for future cooperation and, where possible, coordinating the planning and programming of relevant activities.”

(Galway Statement of Atlantic Ocean Cooperation, 24 May 2013)



JPI Oceans aims to achieve on a European level, what the TORA aims to achieve on a transatlantic level.

JPI Oceans & the TORA

Transatlantic Cooperation as a strategic priority for JPI Oceans. The Management Board:

- Is willing to enter into a strategic dialogue with transatlantic partners.
- Agreed that JPI Oceans could be a strategic coordination mechanism for partners such as NSF, NOAA, Canadian ministries and agencies and additional partners [from countries] such as Brazil.
- **Considers, that the transatlantic dialogue needs to be pan-European and open to all EU MS and AC.**

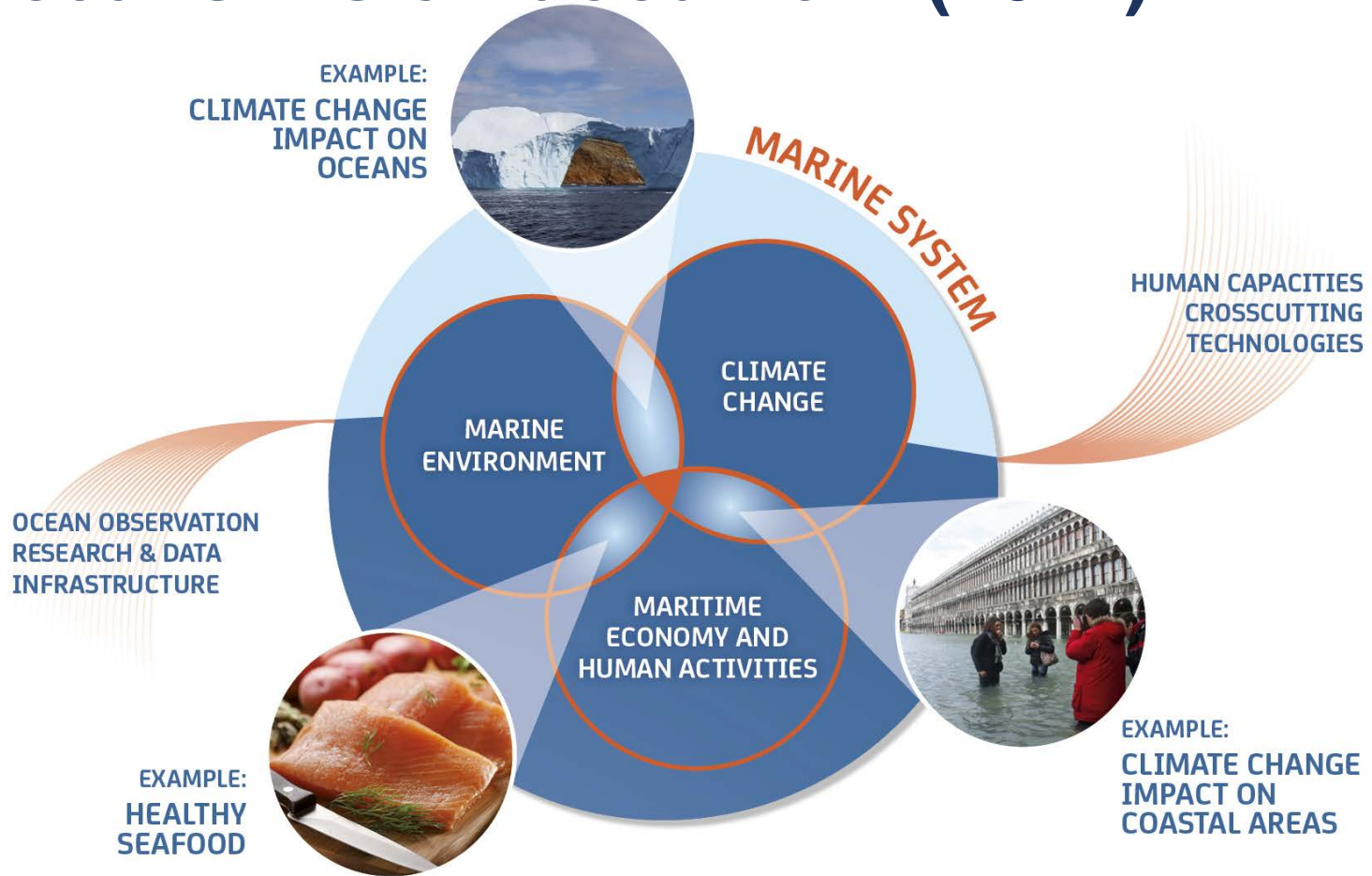
Making Transatlantic Cooperation work

- JPI Oceans launches joint actions between those member countries that are interested in participating.
- JPI Oceans is open to involvement international / transatlantic partners on a case-by-case basis.
- **JPI Oceans would like to engage in a dialogue on joint priorities and joint actions.**



Strategic Priorities & Actions of JPI Oceans

JPI Oceans Vision document (2011)



JPI Oceans Draft Priorities (Draft SRIA)

TORA Priorities (Galway Statement)

Exploring deep sea resources

Sustainable management of ocean resources

Technology and sensor developments

Identifying and recommending future research priorities

Science support to management of coastal and marine ecosystems

Interoperability and coordination of observing infrastructures

Linking oceans, human health and wellbeing

Seabed and benthic habitat mapping

Observing, modelling and predicting oceans state and processes

Ocean observation

Interdisciplinary Research for GES

Promoting researcher mobility

Climate change impact on physical and biological ocean processes

Sharing of data, such as on temperature, salinity and acidity

Effects of Ocean Acidification on Marine Ecosystems

Food security and safety in a world of climate change and marine degradation

Use of marine biological resources through development and application of biotechnology

Towards Joint Priorities?

- Substantial Overlap between the TORA and JPI Oceans Priorities.
- JPI Oceans is willing to explore priorities identified in Galway.
- **In addition, JPI Oceans would also like to discuss any other priorities identified in its Strategic Research and Innovation Agenda.**



JPI Oceans in Practice: Pilot Actions

1. Ecological aspects of Micro-plastics

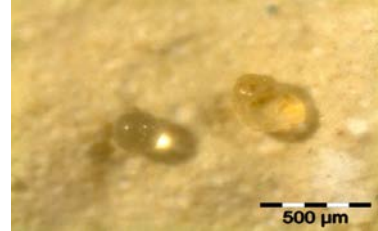
Support from 11 MSs: **DE**, BE, DK, FR, NL, NO, SE, UK, ES (+ IE, MT)

Principal objective: to develop a joint strategy monitoring of micro-plastics in the oceans.

Scope of action

Proposal drafted by group of scientists looking at methods, monitoring and effects of micro-plastics.

1. **International Experts Workshop** with the aim of developing a best practice guide to research methodologies.
2. **An interlaboratory study** based on the international experts workshop.
3. **A joint call** on the effects of microplastics in the marine environment will be conducted.



2. Ecological aspects of deep-sea mining

Support from 11 MS: **DE**, BE, FR, IT, NL, NO, PL, PT, RO, SE, UK

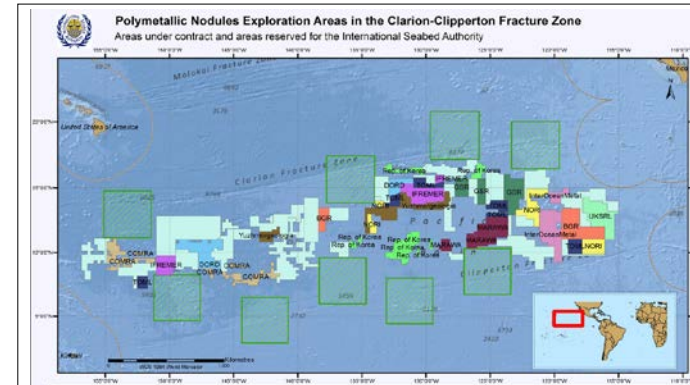
Principal objective: analyse the long-term ecological impacts of deep-sea mining and devise monitoring strategy.

Ultimately, make recommendations to policy-makers, industry and ISA.



Scope of the Action

- Joint cruise to the Pacific on RV Sonne with a total of 118 days of ship time.
- Visit of disturbed (DISCOL) and undisturbed areas (CCFZ).



3. Joint data collection & monitoring in the NS

- Support currently from 9 MSs: **NL**, DK, IRL, NO, SE, UK, DE, FR, BE
- Principal objective: design of integrated monitoring programmes for data collection.

Scope of the action

- Joint Monitoring of:
biodiversity benthos from the catch, marine litter, microplastics in water column, nutrients, stomach samples, jellyfish, weight non-target species.



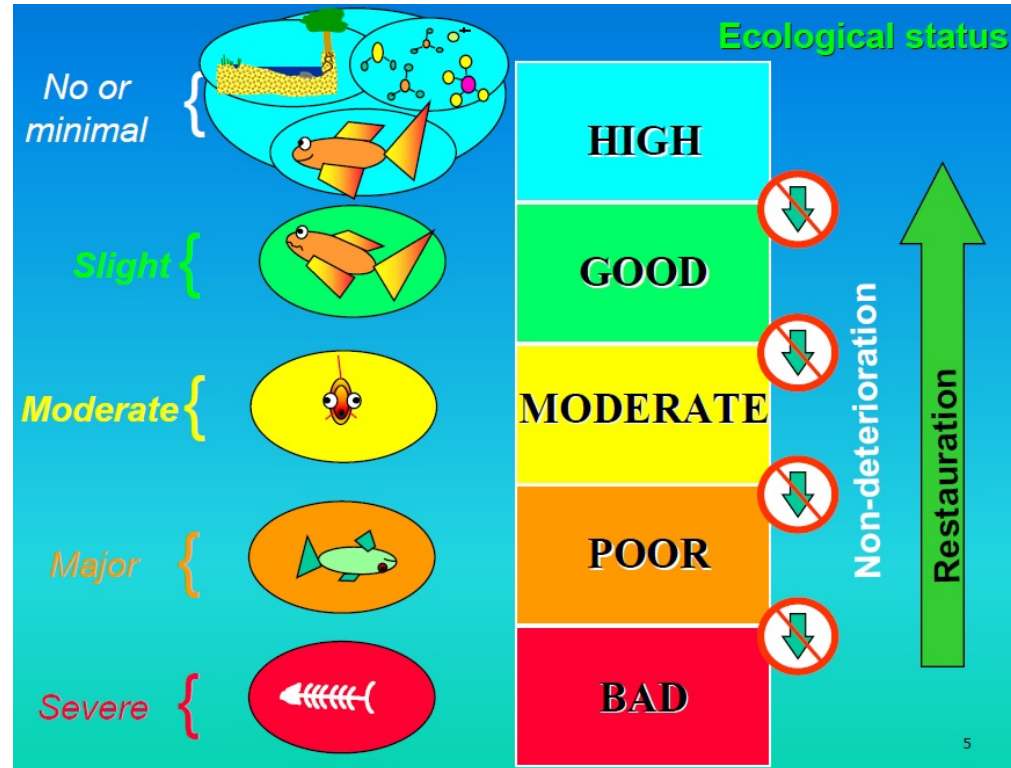
4. Joint funding for the scientific intercalibration exercise of the WFD

AIM OF INTERCALIBRATION

- Scientifically sound and comparable thresholds for environmental quality in all Member States!

OBJECTIVES PILOT ACTION

- Find scientific Expert Leads.
- Reduce fragmentation.
- Increase experience with joint data collection and analysis-
- Coordinate and test a mechanism for joint funding from environmental authorities of 9 Member States-





In Summary

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The objectives of JPI Oceans and TORA are very similar. Thus, JPI Oceans offers the ideal framework for transatlantic discussions.

Transatlantic cooperation is a strategic priority for JPI Oceans. However, the transatlantic dialogue should be:

- Pan-European.
- Not confined to the priorities identified in Galway.

JPI Oceans is willing to explore joint priorities and joint actions with transatlantic partners as well as the European Commission.

JPI OCEANS

THANK YOU

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