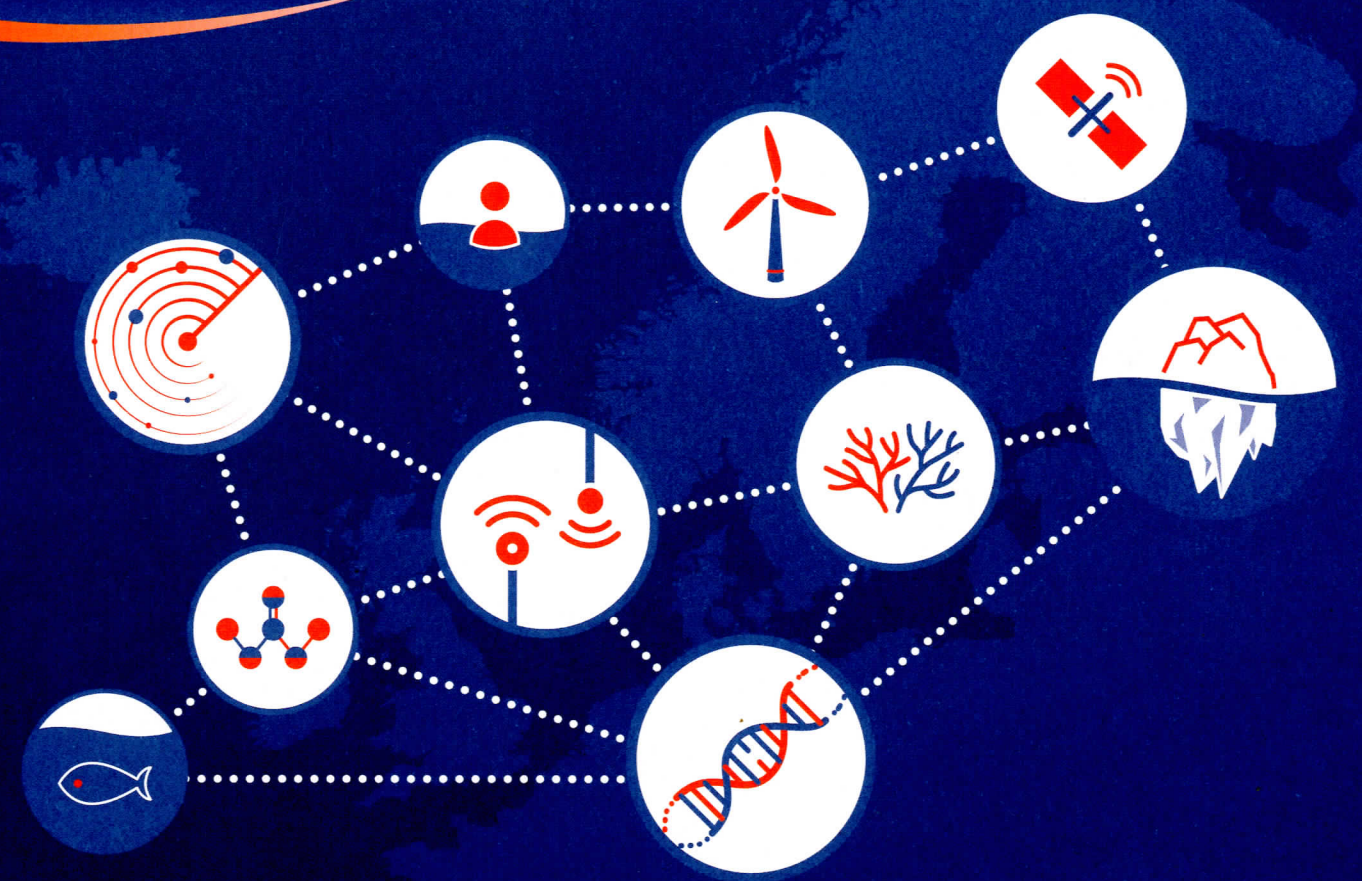


JPI  
**OCEANS**



Joint Programming  
Initiative **Healthy and  
Productive Seas and  
Oceans**



# What is JPI Oceans

*JPI Oceans provides a long-term integrated approach to marine and maritime research and technology development in Europe*

## JPI Oceans

The Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans) is a research coordination platform. It is open to European Member States and Associated Countries who invest in marine and maritime research.

JPI Oceans aims to make more efficient use of national investments by agreeing on common priorities and aligning efforts.

Countries participate in the activities of JPI Oceans on a voluntary basis. They are free to choose which Joint Actions are most relevant to their interests and decide what contributions to make.

## Why JPI Oceans?

JPI Oceans was established to reduce the fragmented approach of marine and maritime research across Europe.

Fragmentation is particularly prevalent in the marine and maritime research due to the number of different areas of knowledge, disciplines and sectors.

## Tools

JPI Oceans is able to utilise a range of tools to address the objectives of different actions. It has also tested several new tools through its Pilot Actions. Some of the tools used by JPI Oceans include:

- Strategy-making
- Harmonisation and standardisation
- Joint monitoring and integration of data collection
- Contribution to policy-making
- Common foresight process
- Strategic and thematic seminars and workshops
- Outreach

## Example activity: Pilot Action Ecological Aspects of Microplastics

Microplastics are persistent and their high potential to cause physical and toxicological harm is highlighted in various studies. However, the knowledge about the origin, size, range, of microplastics in marine systems is still limited. Hence, for the protection of marine habitats and the safety of marine resources and seafood, the JPI Oceans Management Board decided that a transdisciplinary European research initiative was necessary. In this regard four different measures were taken forward:

- Bibliometric Study;
- Foresight exercise test run on microplastics;
- Workshop on guidelines for best practices;
- Joint Call on microplastics.

These were implemented in order to demonstrate the potential of collaboration through JPI Oceans at testing new instruments for cooperation and coordination.

# Strategic Areas

The ten Strategic Areas and three Cross-Cutting Initiatives were agreed in the Strategic Research and Innovation Agenda and are the areas where JPI Oceans will focus its efforts.



**Exploring deep Sea Resources**



**Observing, Modelling and Predicting Oceans State and Processes**



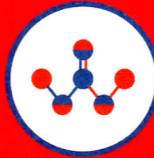
**Technology and Sensor Developments**



**Climate Change Impact on Physical and Biological Ocean Processes**



**Science Support to Coastal and Maritime Planning and Management**



**Effects of Ocean Acidification on Marine Ecosystems**



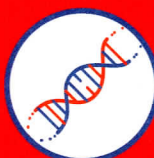
**Linking Oceans, Human Health and Wellbeing**



**Food Security and Safety Driving Innovation in a Changing World**



**Interdisciplinary Research for Good Environmental Status**



**Use of Marine Biological Resources through Development and Application of Biotechnology**

# Cross-Cutting Initiatives



**Science-Policy**



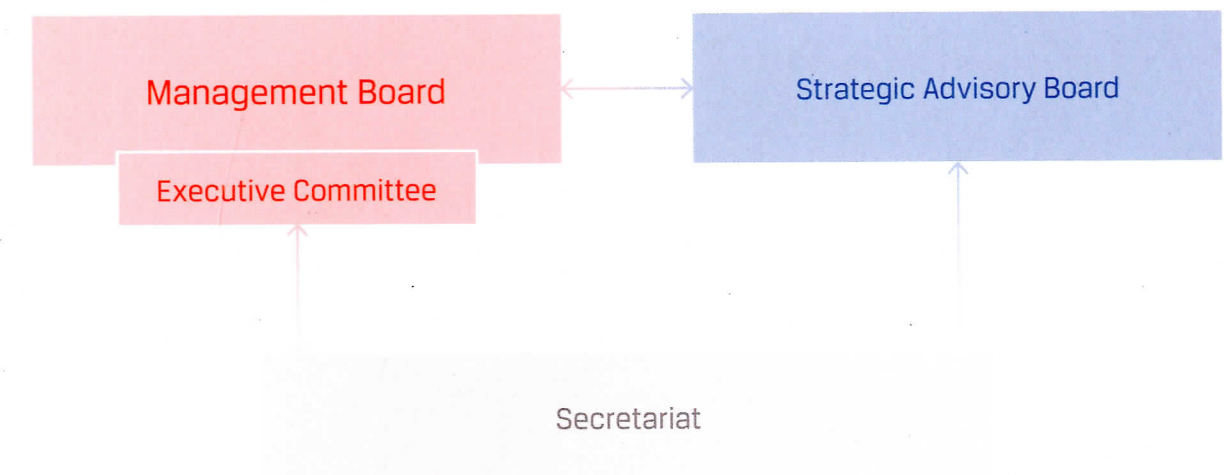
**Human Capacity Building**



**Shared use of Infrastructures**



# Governance



## Management Board

The Management Board (MB), the decision-making body of JPI Oceans, has the overall responsibility for the implementation of JPI Oceans. All Member Countries participating in JPI Oceans are represented in the Management Board (MB). The representatives from each country have sufficient authority to agree on joint action plans and potential funding initiatives across Europe.

## Executive Committee

The Executive Committee (ExCom) is an executive body, providing support and assistance to the Management Board during the development and implementation of the JPI Oceans governance, plans, actions and activities.

## Strategic Advisory Board

The Strategic Advisory Board (StAB) provides independent advice to the JPI Oceans Management Board. The StAB is made up of selected independent experts from the three key groups of stakeholders targeted by JPI Oceans, namely science, industry and civil society. Each of the StAB members are appointed in their own capacity as independent experts in marine/maritime issues and not as representative of any stakeholder group.

## Secretariat

The Secretariat is committed to facilitating and supporting the work conducted by JPI Oceans' Member Countries as efficiently and effectively as possible.

## JPI Oceans

Rue du Trône 130 | 1050 Brussels | Belgium

Tel. +32 (0)2 626 16 60 | Fax: +32 (0)2 626 16 61 | [jpioceans@rcn.no](mailto:jpioceans@rcn.no)

[www.jpi-oceans.eu](http://www.jpi-oceans.eu)