JPI OCEANS

JPI Healthy and Productive Seas and Oceans

A New Frontier

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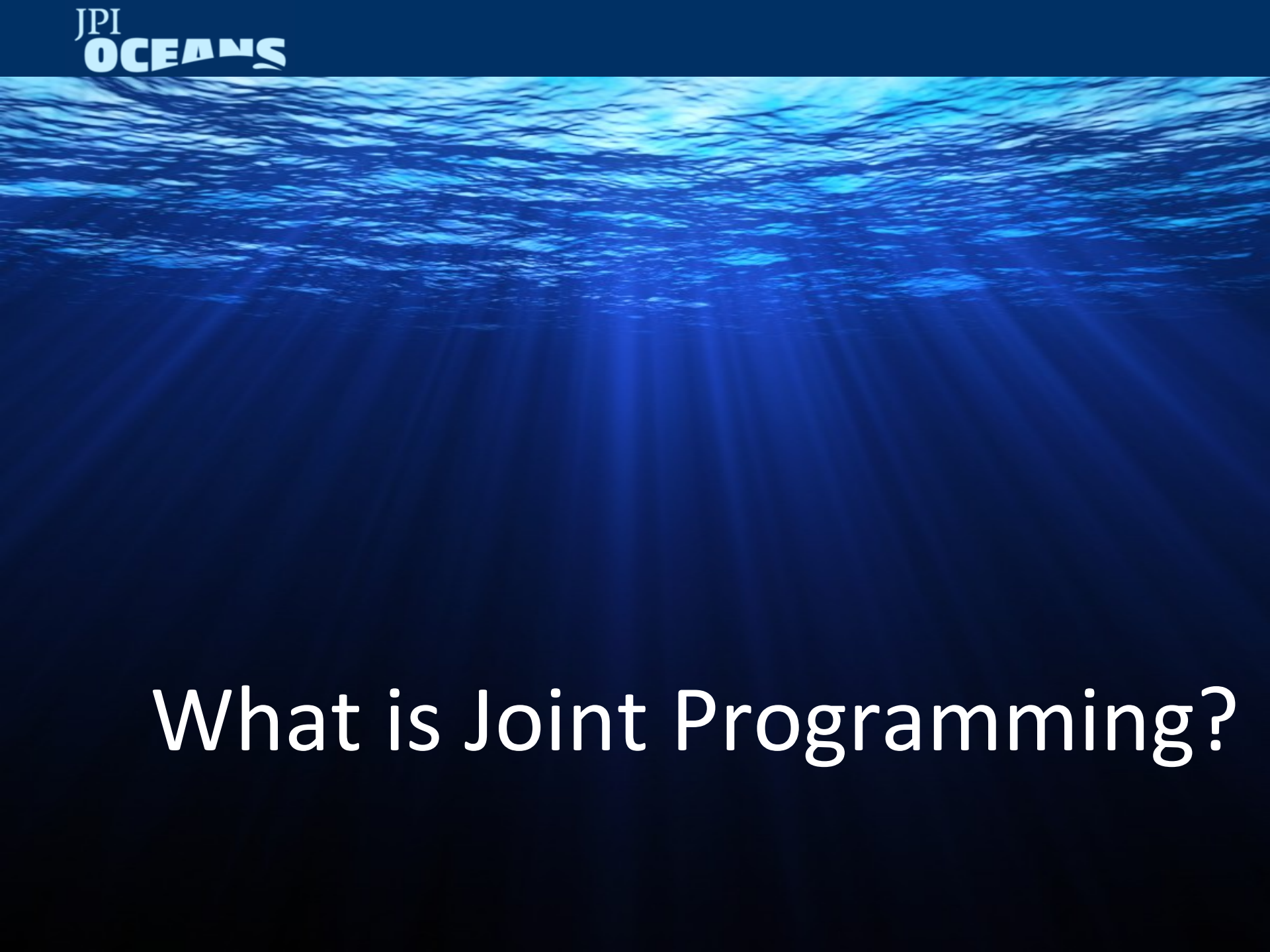
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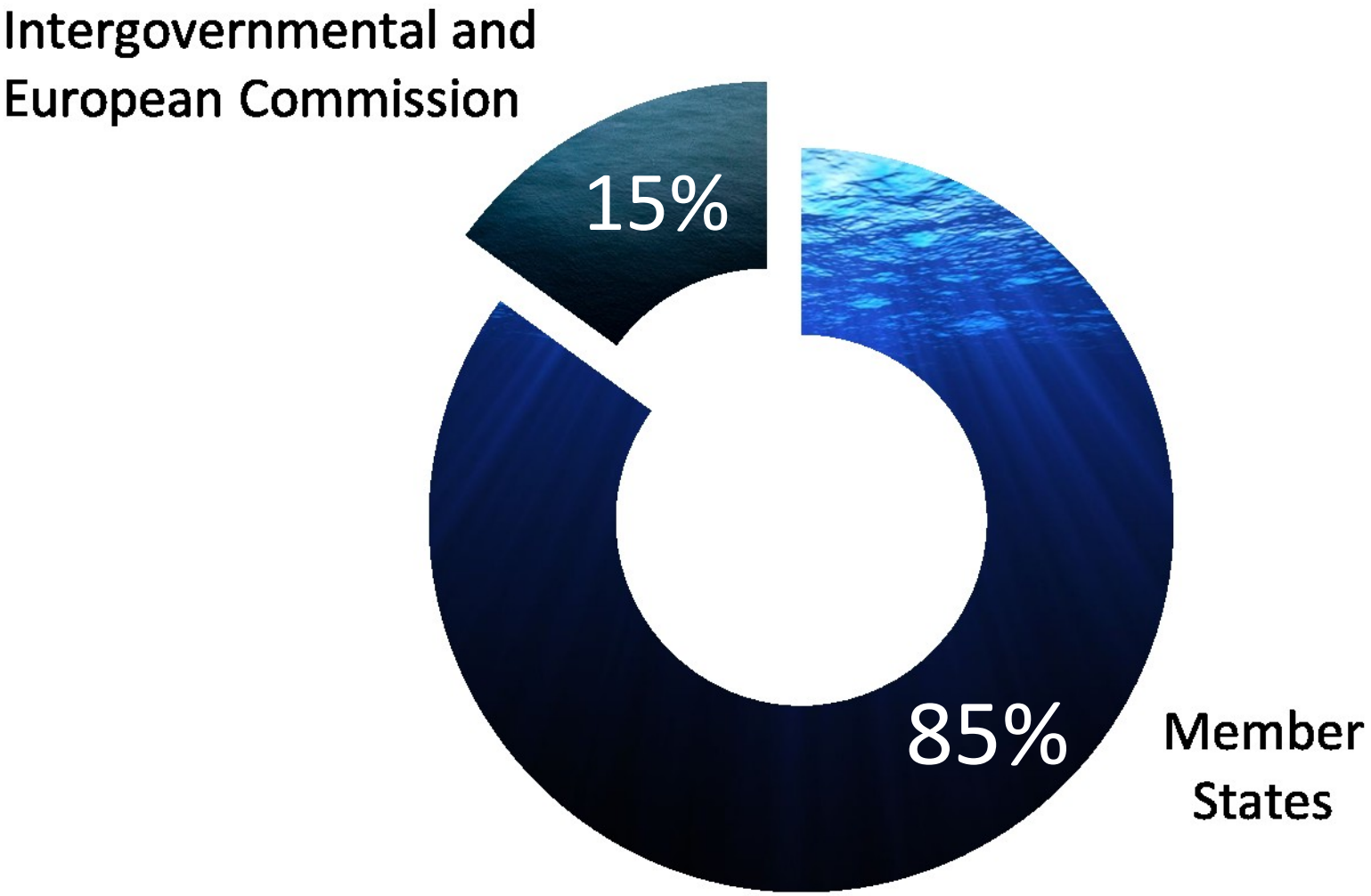
What is Joint Programming?

A concept to tackle challenges that can not be solved solely at national level

Research funding in Europe



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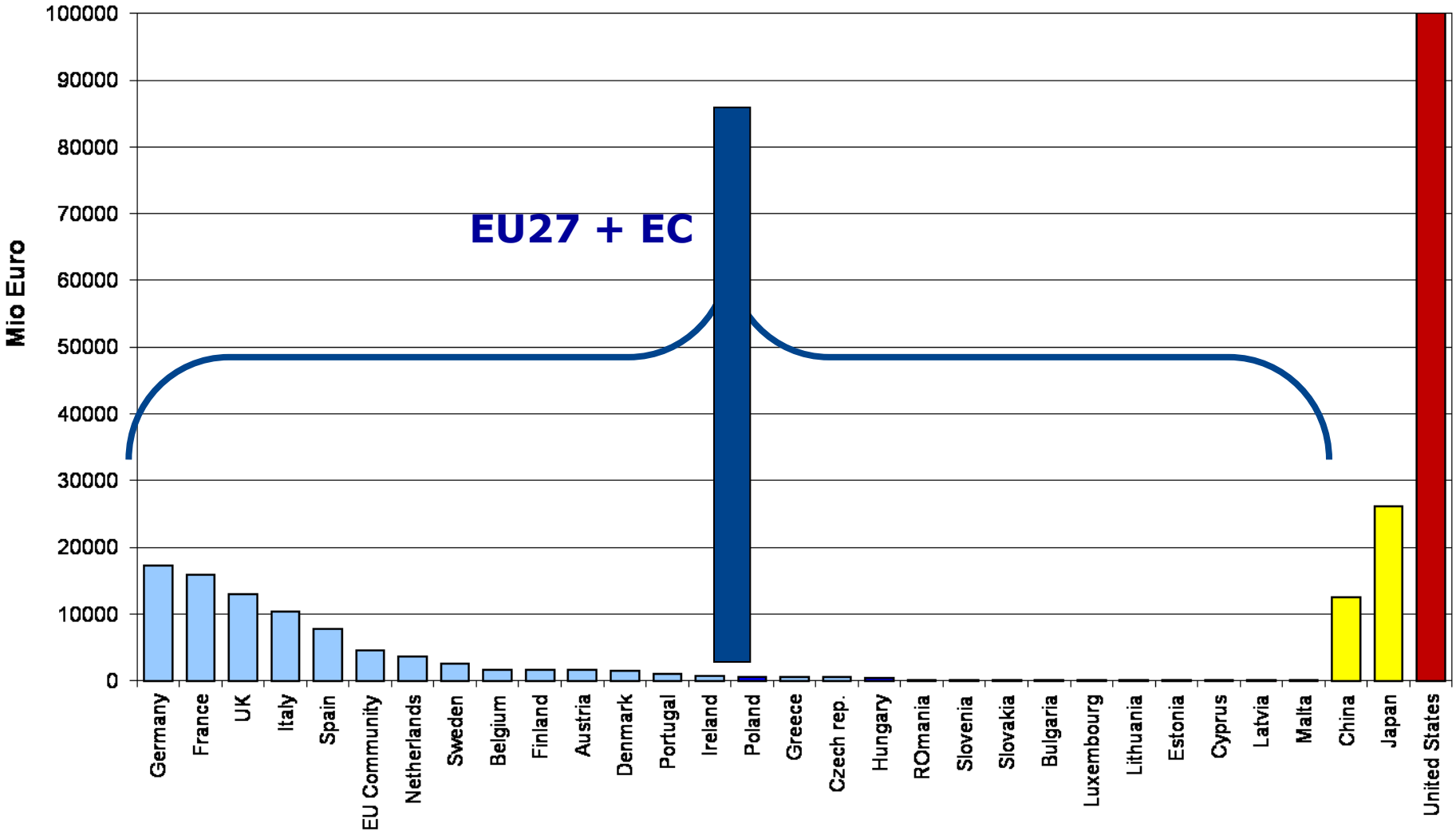
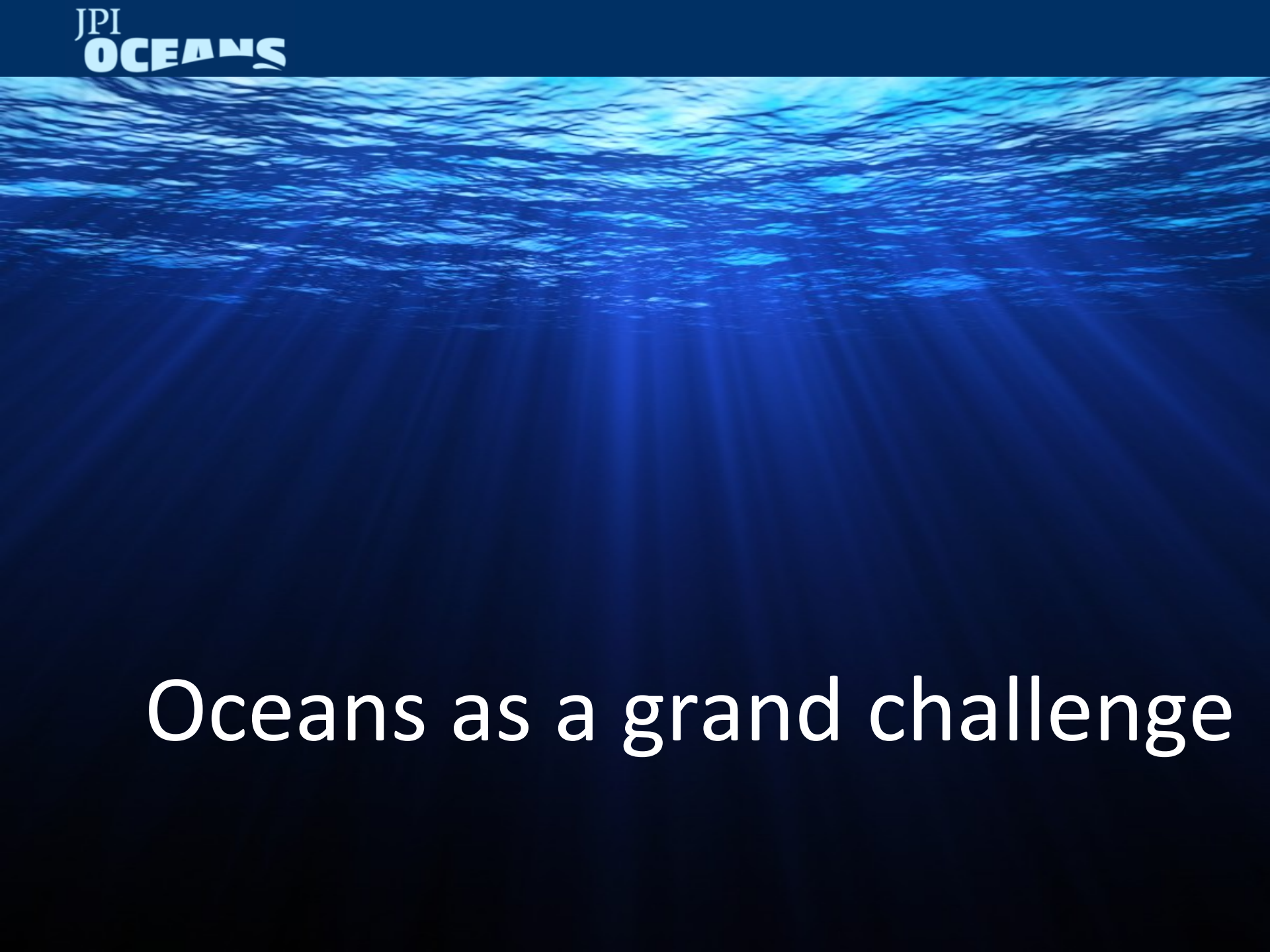
Why?

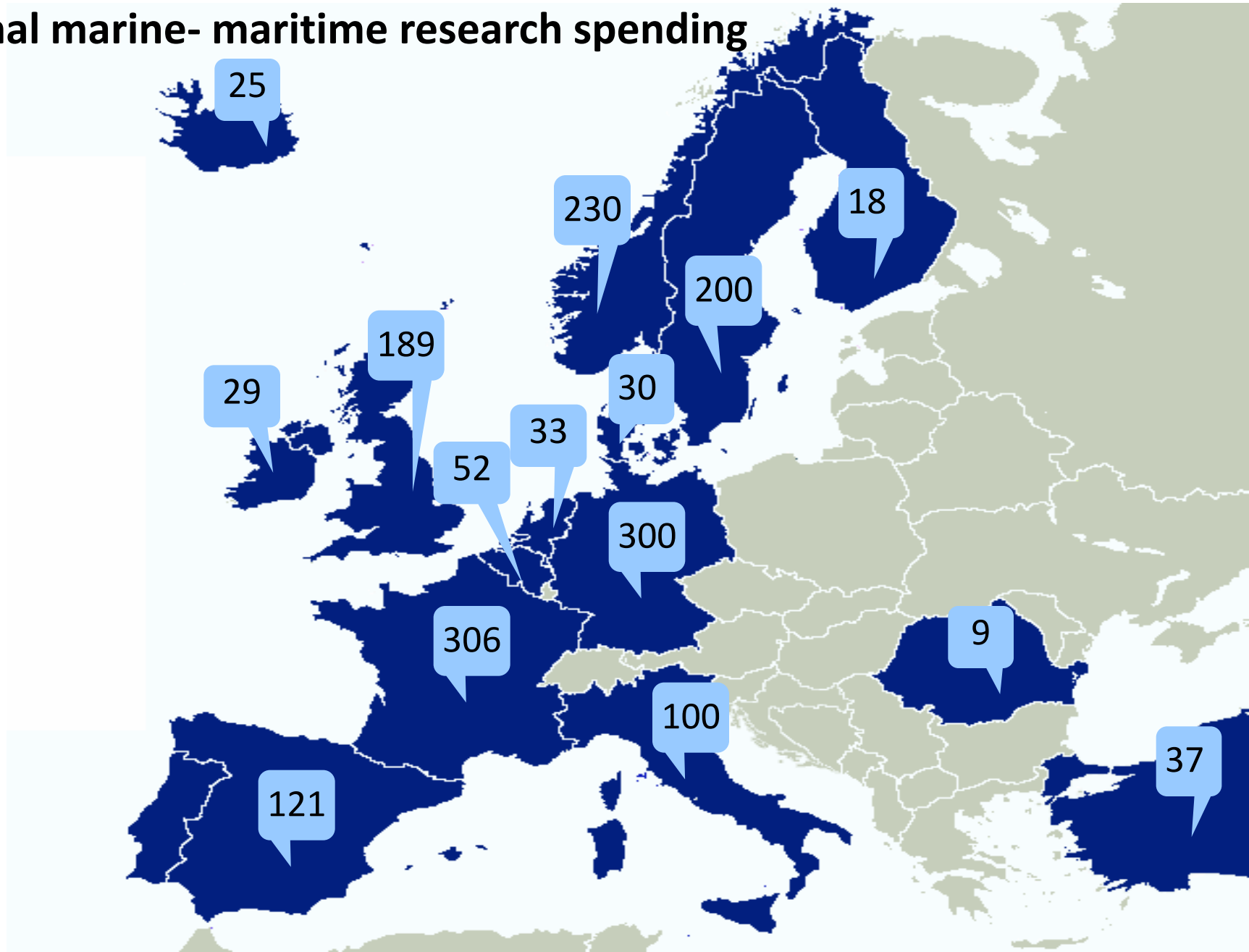
Public Funding for Research





Oceans as a grand challenge

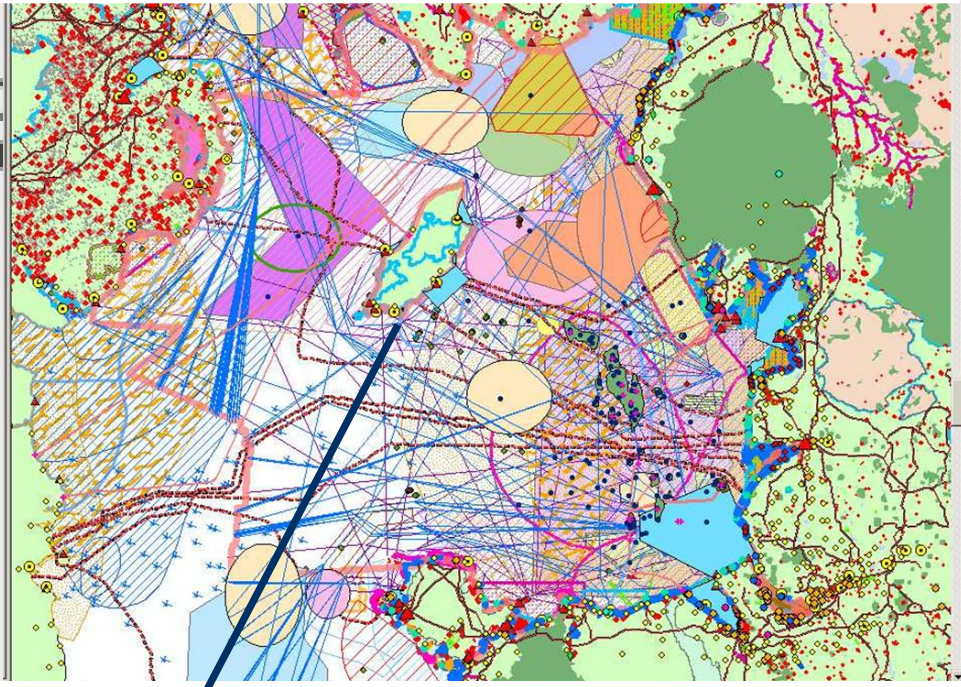
National marine- maritime research spending (M€)



Marine and Maritime Research

(estimates based on input and data analysis)

Marine – maritime annual research funding of JPI Oceans members		Marine –maritime annual research funding in FP7	
Marine Environment	25 %	Marine Environment *	29 %
Biological resources	25 %	Biological resources	19 %
Non-biological resources	20 %	Non-biological resources	21 %
Fisheries management	10 %	Oceans of Tomorrow (cross cutting)	9 %
Spatial planning and Socio economic research	5 %	Other	22 %
Climate and Ocean	15 %	* Marine environment probably includes climate change	
Total	1777 M €		213,5 M €

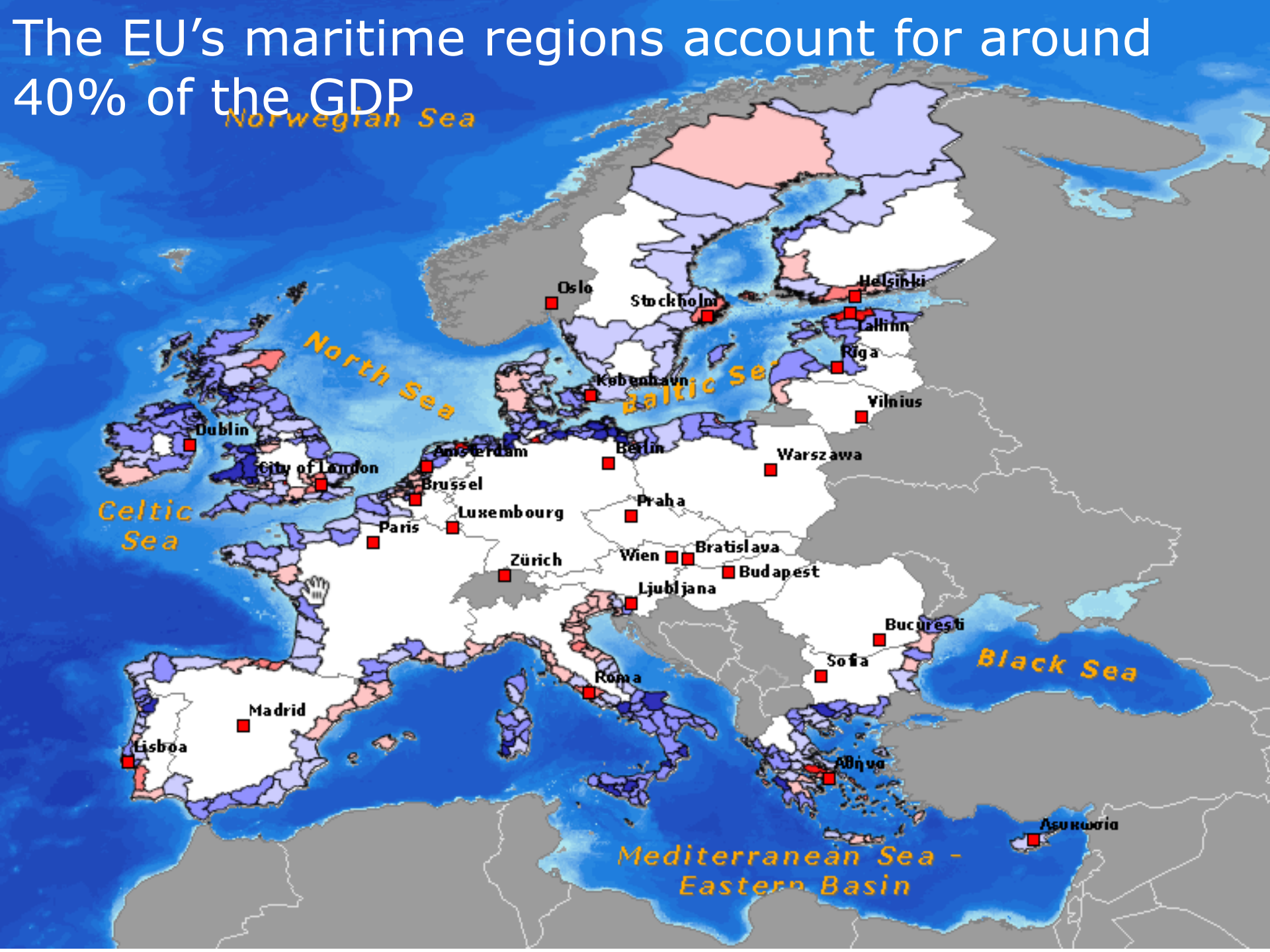


The Isle of Man

Marine litter

Opportunities

The EU's maritime regions account for around 40% of the GDP



Maritime transport: 90% of EU's external trade

Fisheries, aquaculture and food processing:

€32 billion Euros yearly, 0.5 million jobs.

The average
consumption of fish is
22.3 kg/person/year in
the EU .

European maritime tourism: 3 million jobs
and 72 billion Euros of revenue per year.

Policy Context

EU's Integrated Maritime Policy
MSFD, CFP,…..

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FP5

IP, IP, IP, IP, N IP, IP, N IP, NoE

FP6

MARIN ERA | AMPERA | BONUS | *MARI FISH* | *MAR TEC*

FP7

Marine Environment

SEAS ERA | BONUS

Marine Resources

MARI FISH | *BIOT* | *RENW ENERGY* | *MAR TEC*

Horizon 2020

ERA-nets | JPI Oceans

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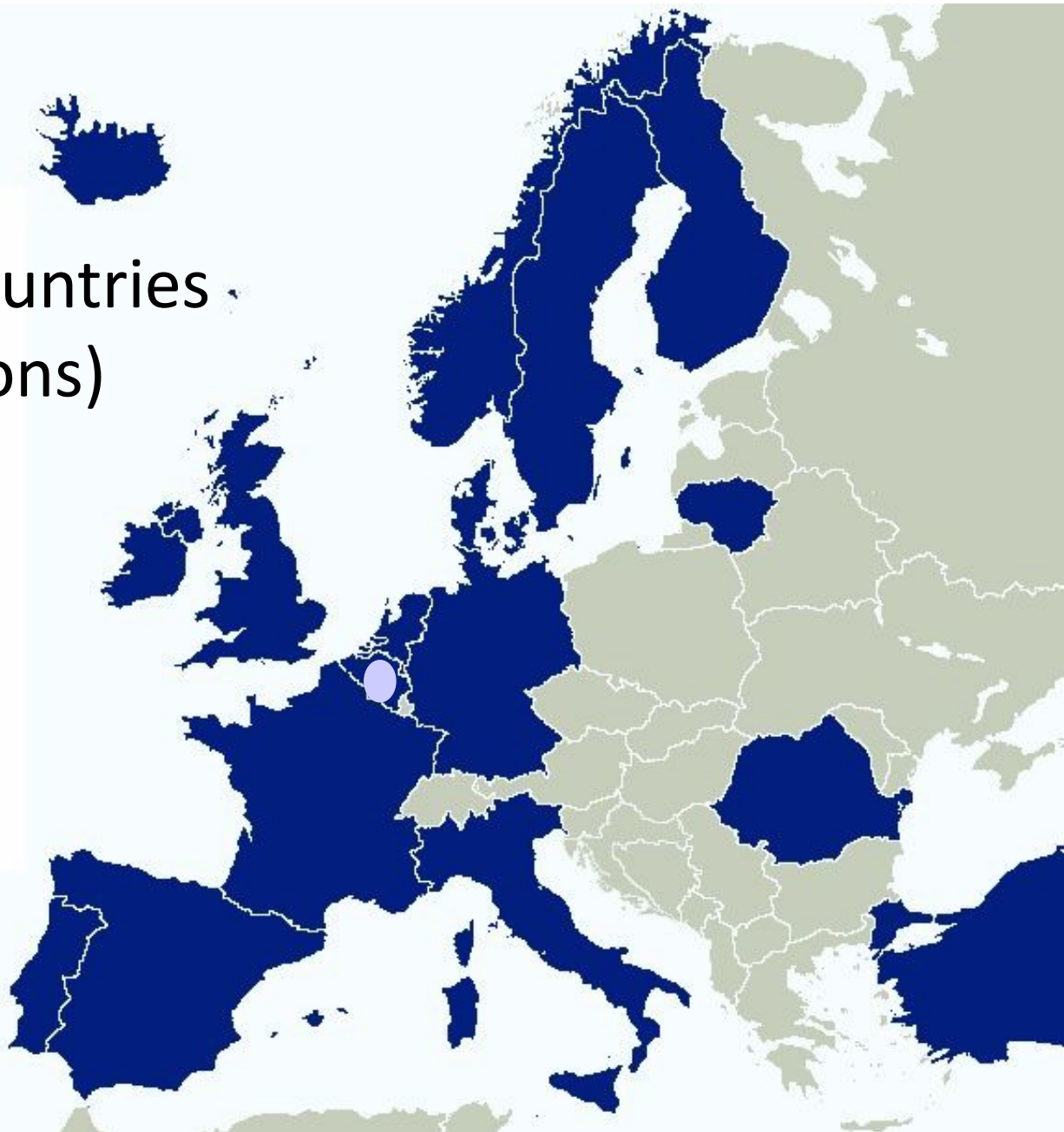
A coordinating and integrating platform for marine and maritime research

17 Participating countries
(+ Outermost regions)



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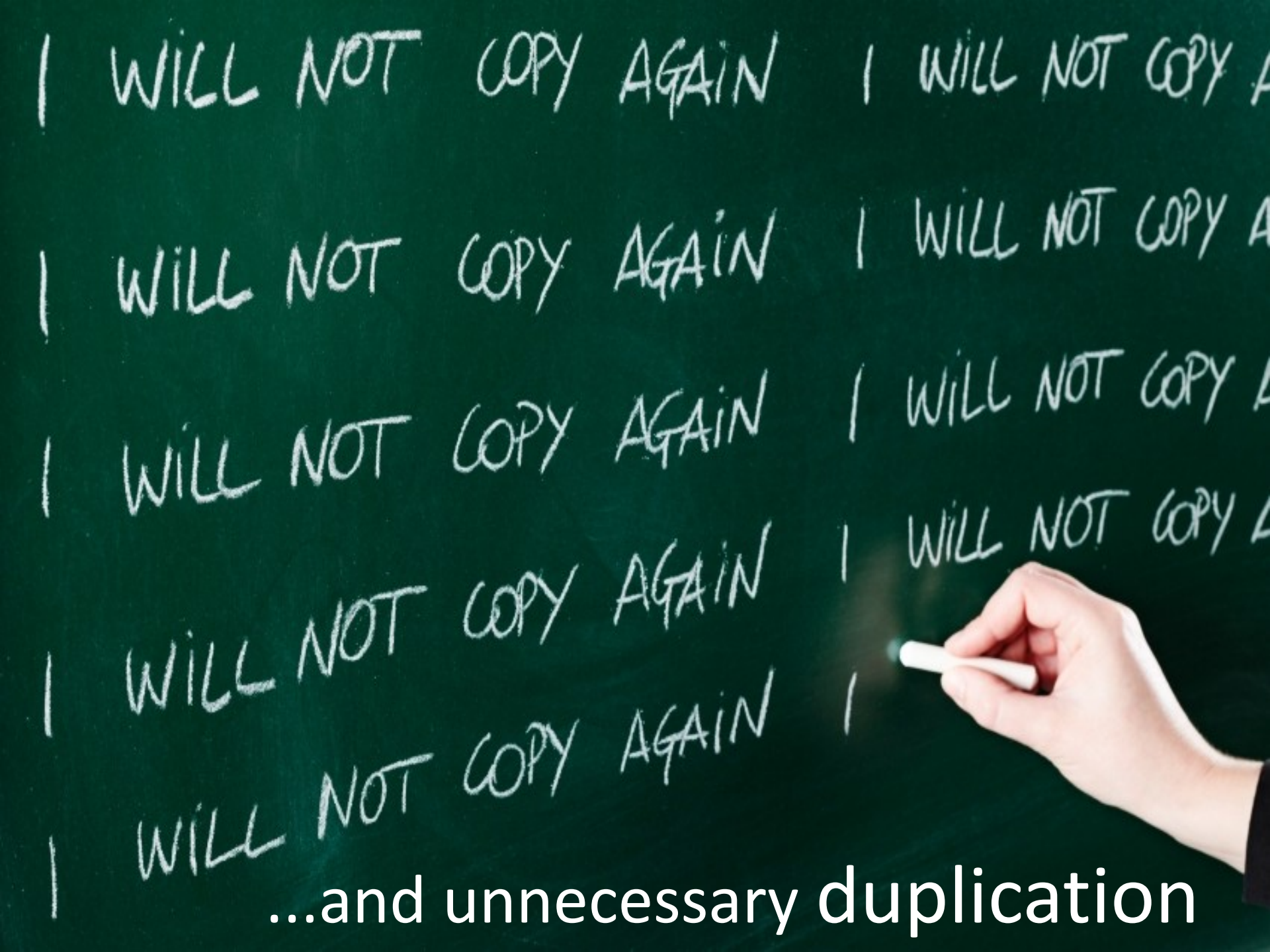
Why?

Avoid Fragmentation...


I WILL NOT COPY AGAIN
I WILL NOT COPY AGAIN
I WILL NOT COPY AGAIN
I WILL NOT COPY AGAIN
I WILL NOT COPY AGAIN
...and unnecessary duplication

Facilitate cooperation
Plan common initiatives

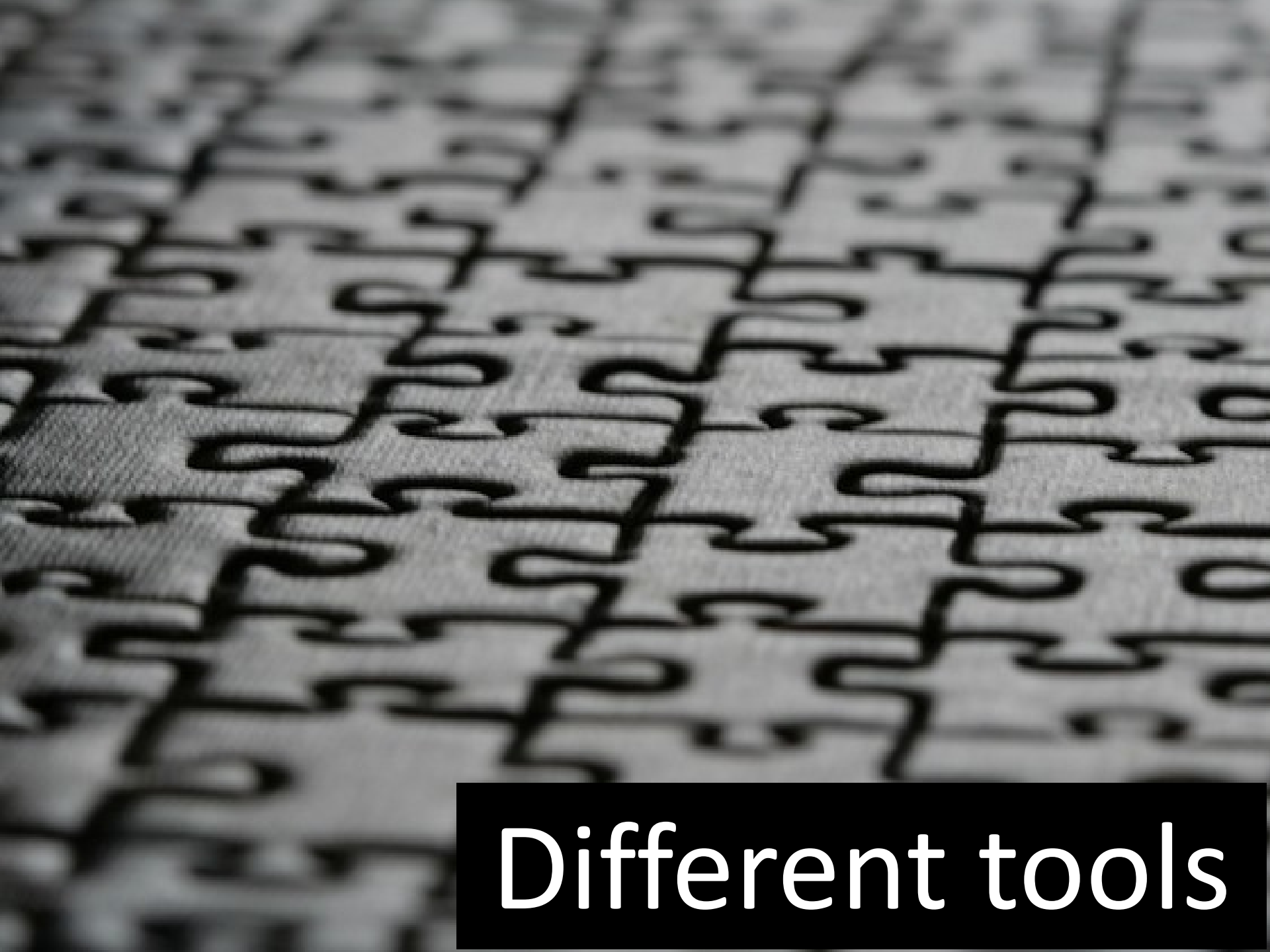
Look for synergies

Added Value

Long term perspective

High Level
commitment

Voluntary basis
(Variable geometry)


Different tools

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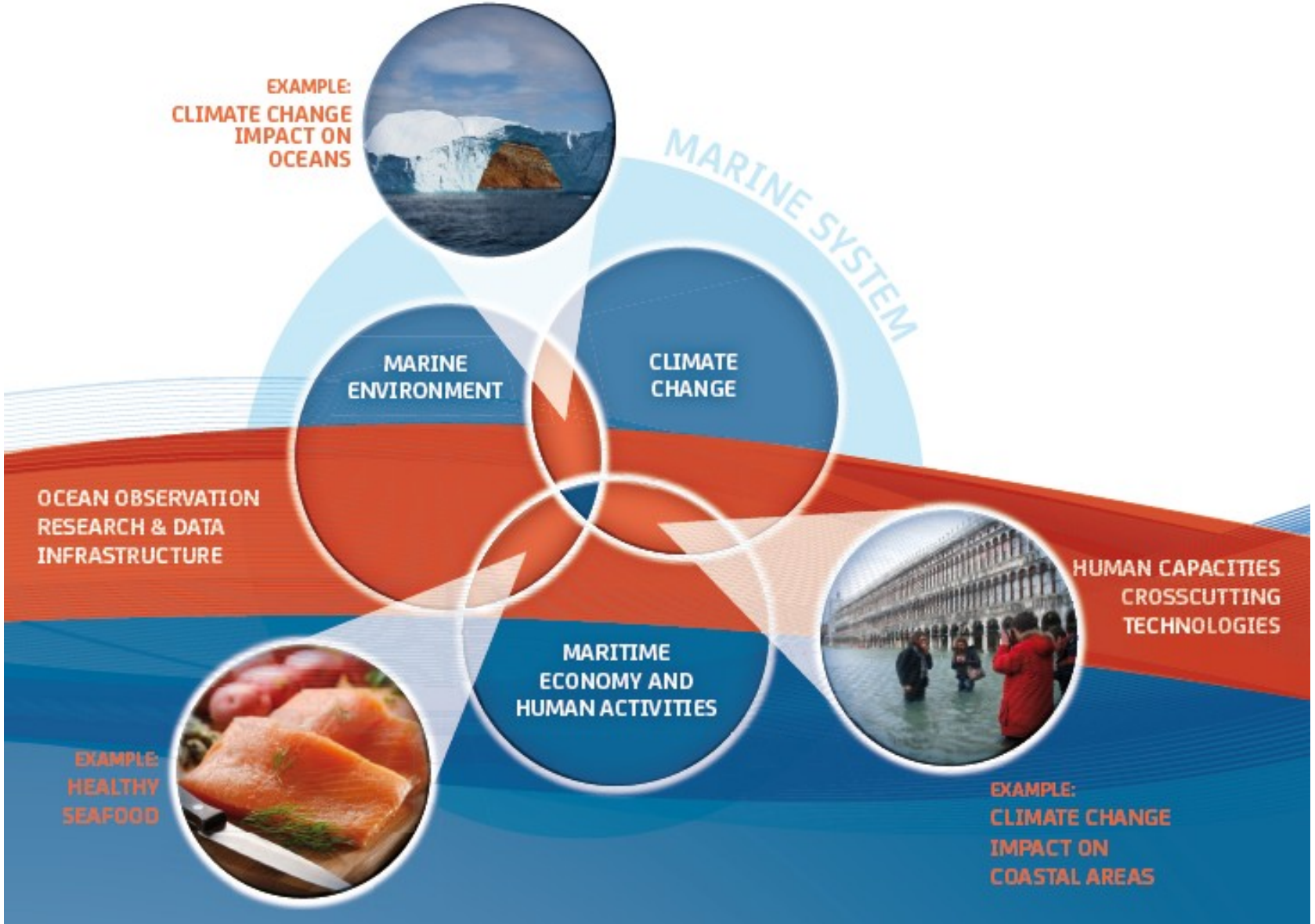
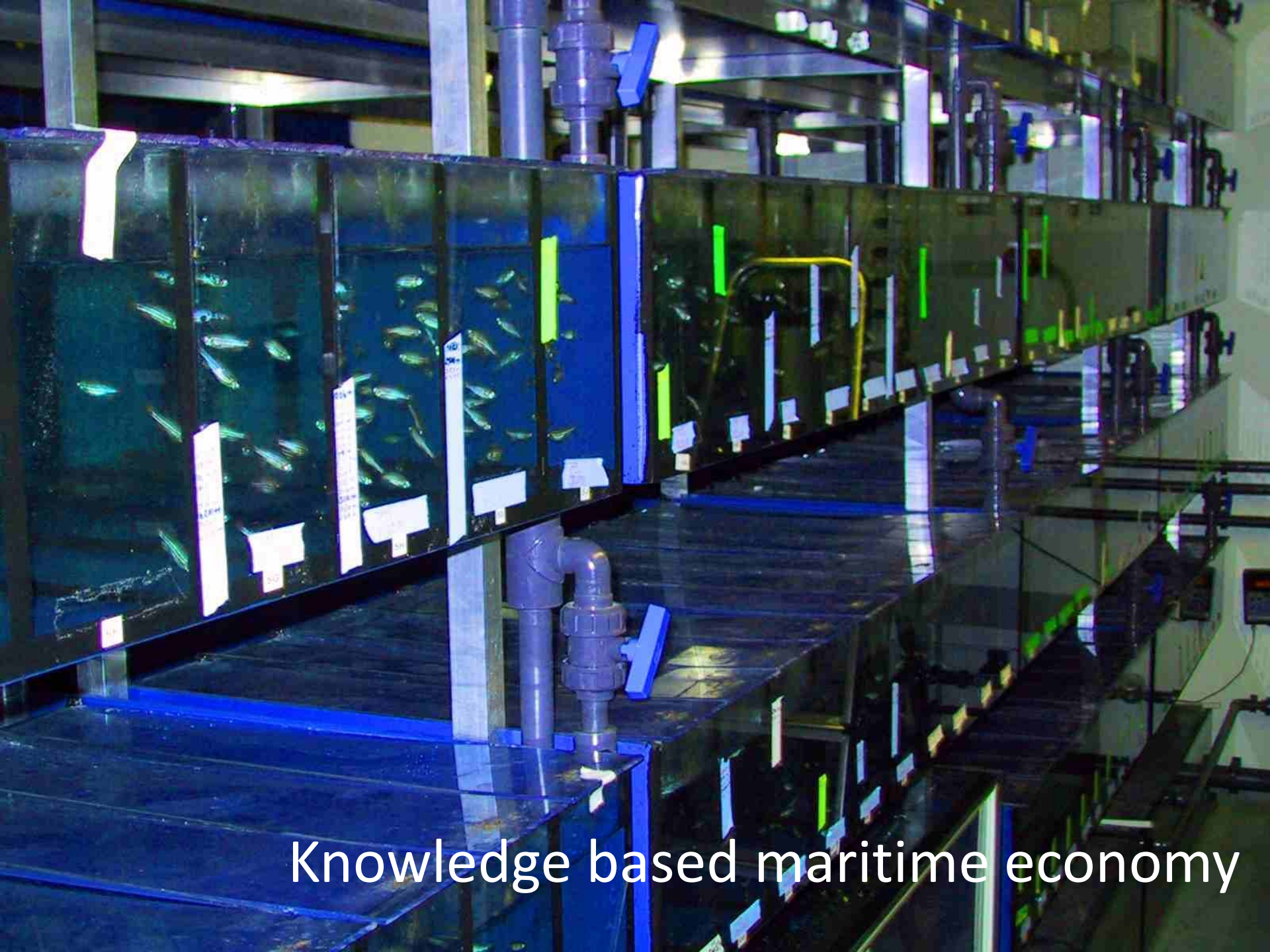
Vision document



Goals


Knowledge based maritime economy

Good environmental status of the seas

Optimise the response to climate change....

...and its impacts

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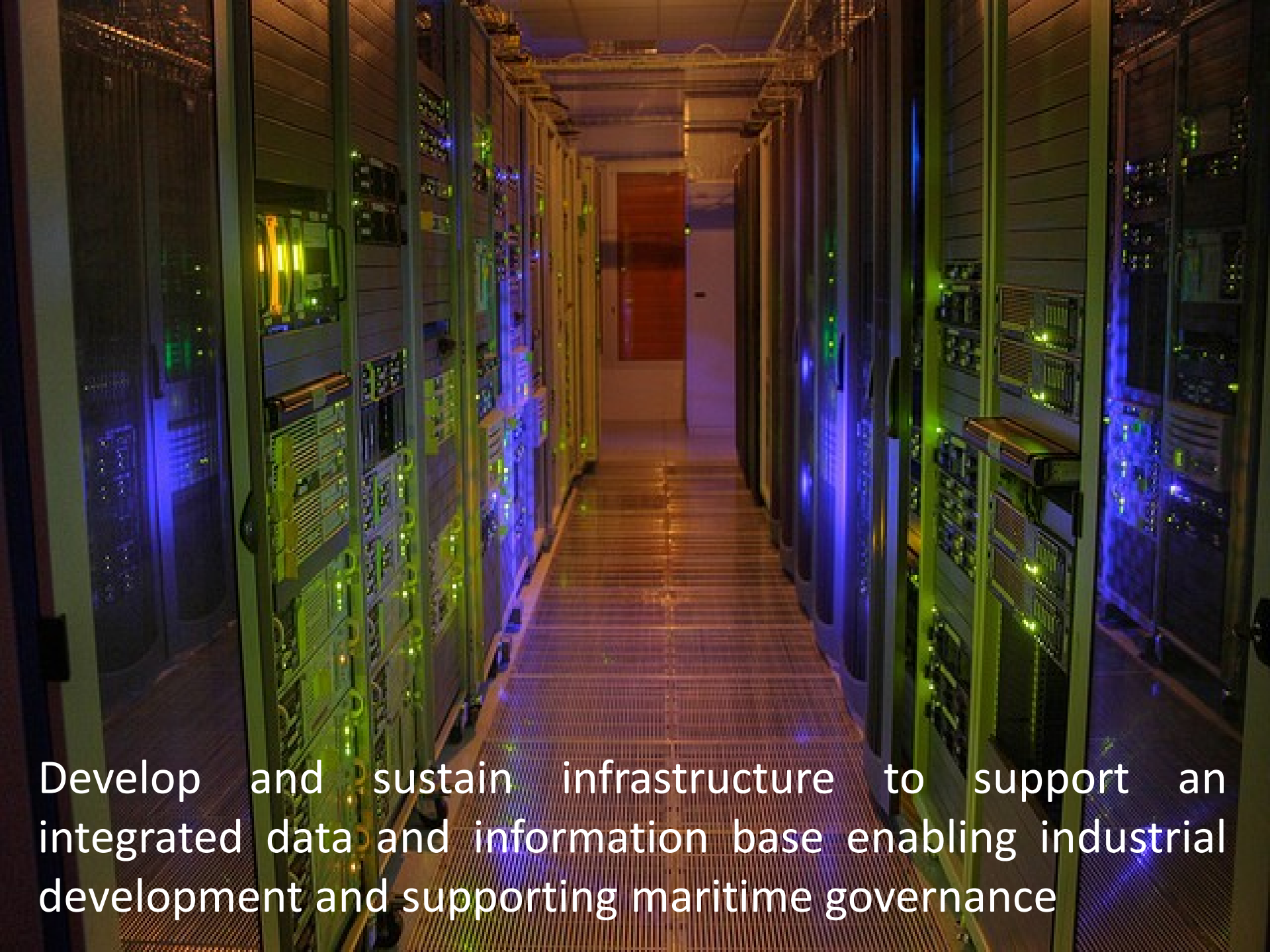
Objectives

Foster enabling cross-cutting marine technologies across the maritime sectors

Understand climate change impact on coastal areas and the design of marine structures and activities, to optimise mitigation and significantly reduce costly damages

Understand and mitigate the impact of climate change and pressure from human activities on the marine environment to reach GES of our seas by 2020

Improve understanding of marine ecosystems and their processes, in particular delivery of ecosystem services and the impact of human activities

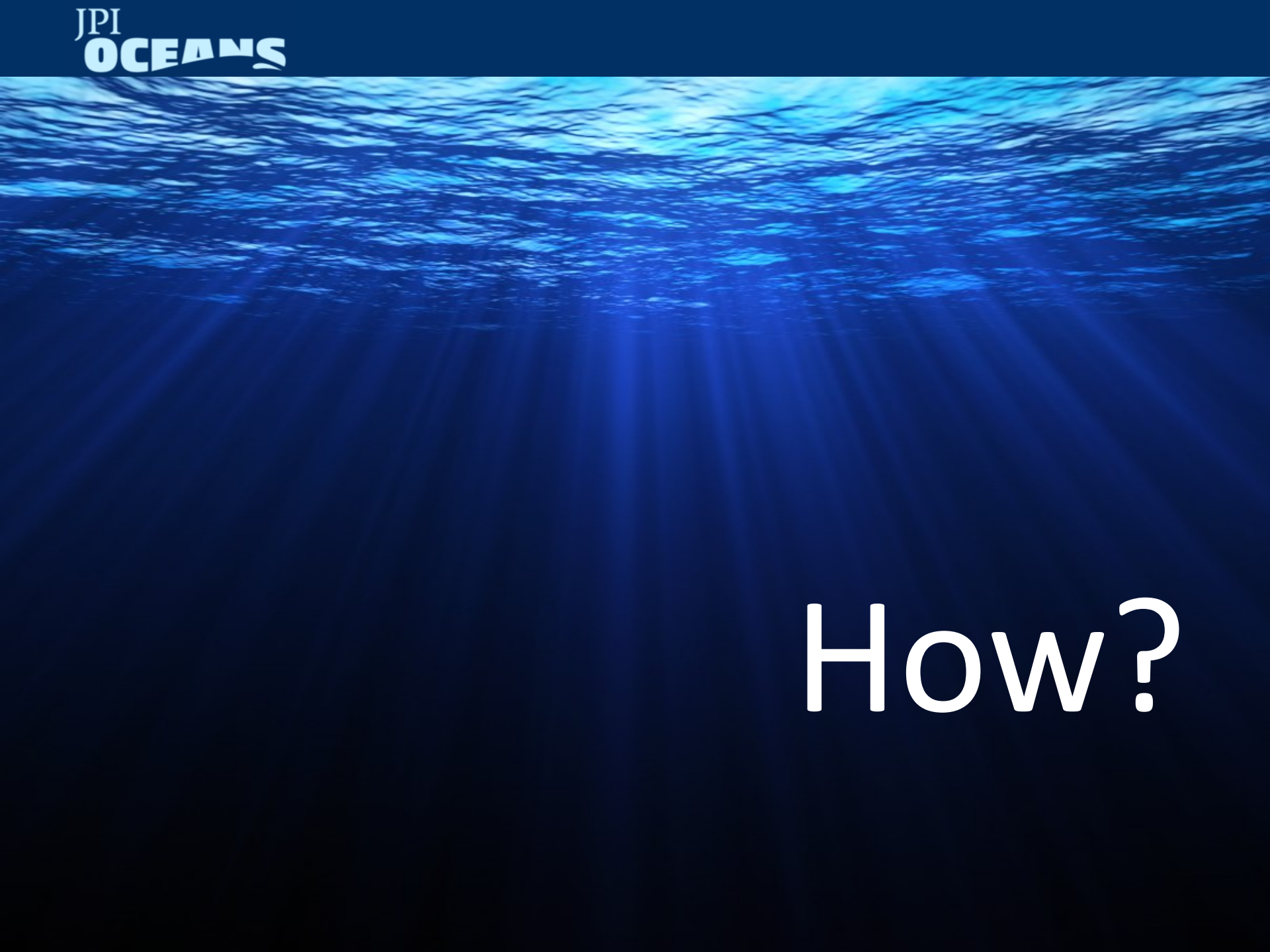


Develop and sustain infrastructure to support an integrated data and information base enabling industrial development and supporting maritime governance

Foster the inter-disciplinary human capacities that are necessary to fulfil the JPI's goals

Develop a
research
to
policy
mechanism

Foster the marine bio economy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How?

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Economy-Science-Governance interactive interface

Target Groups

Industry & Services

Researchers & Technologists

Policy makers & Society

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Thinking out of the box, forget historical boundaries

Lars Olav Lie, CEO

LIE GRUPPEN

Libas 2007 cruise tracks

- Libas is 94,4 meter 17,6 meter

Unique combination of the best **fishery competence** with the most **advanced technology** infrastructure!!

Other ideas for dual uses - Cleaning of the Oceans,….

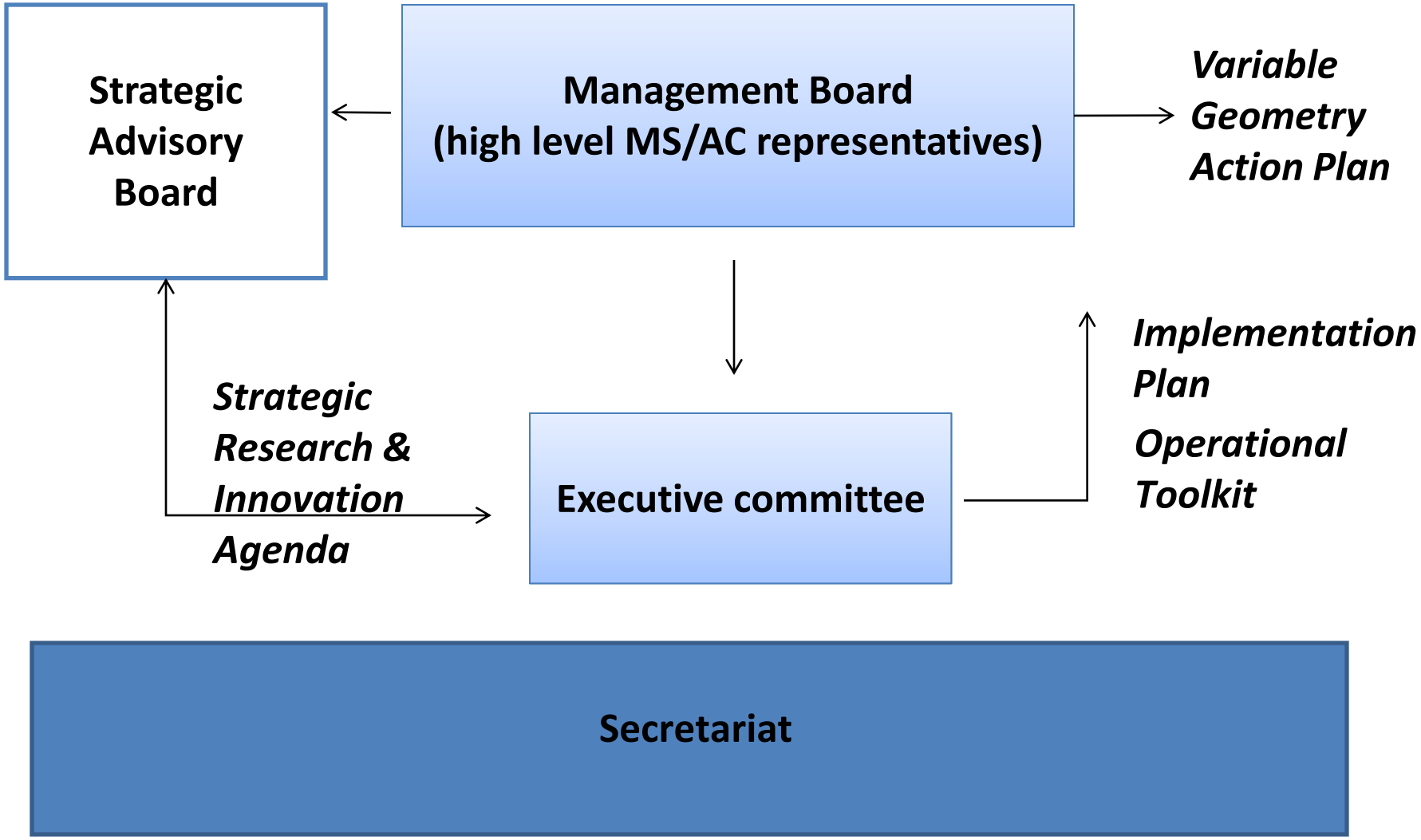
Vision and ToR Precondition !!!!!!!!!

The JPI will foster a science-policy-industry P-P-P-dialog, bringing stakeholders into the governance structure. **However the JPI in order to achieve its goal sees the need to take stakeholder involvement to a next step of involvement.**

The JPI will be implemented by an **interactive involvement** with identified relevant stakeholders:

- ☐ Industries and Service providers (**fishermen, suppliers of maritim equipment,... recalling Libas)**
- ☐ Researchers and technologists
- ☐ Policy Makers
- ☐ Societal organisations

This will secure relevance, defining and agreeing on objectives and sharing of roles and deliverables and in particular the uptake and use of knowledge.


Strategic Advisory Board
Management Board (high level MS/AC representatives)
Variable Geometry Action Plan
Strategic Research & Innovation Agenda
Executive committee
Implementation Plan
Operational Toolkit
Secretariat

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State of play

Milestones 2011

April

September

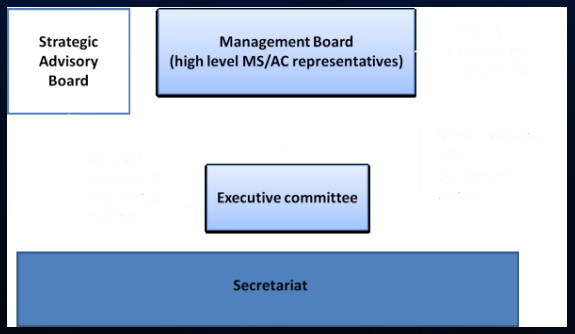
RECOMMENDATIONS

EUROPEAN COMMISSION

December

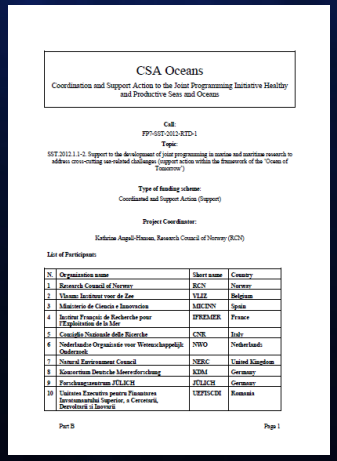
Next Steps:

Consolidate governance



Horizon2020

Operationalise CSA



CSA Oceans

Coordination and Support Action to the Joint Programming Initiative Healthy and Productive Seas and Oceans

Call:
FP7-SST-2013-RTD-1

Topic:
SST.2012.1.1-2. Support to the development of joint programming in marine and maritime research to address cross-cutting sea-related challenges [support action within the framework of the 'Ocean of Tomorrow']

Type of funding scheme:
Coordinated and Support Action (Support)

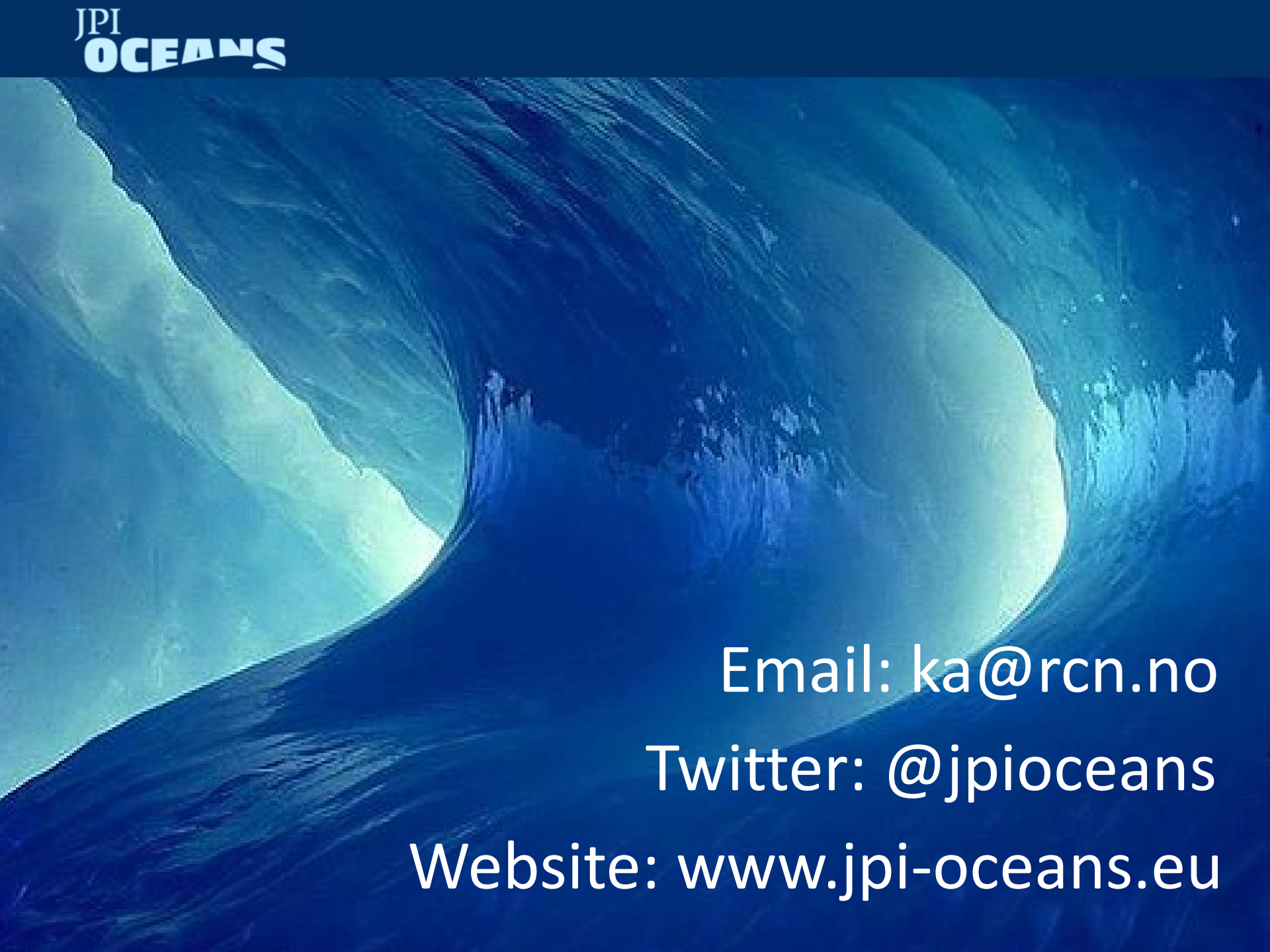
Project Coordinator:
Kristine Angell-Hansen, Research Council of Norway (RCN)

List of Participant:

N.	Organisation name	Short name	Country
1	Research Council of Norway	RCN	Norway
2	Vlaams Instituut voor de Zee	VLIZ	Belgium
3	Ministerio de Ciencia e Innovacion	MICINN	Spain
4	Institut Français de Recherche pour l'Exploitation de la Mer	IFREMER	France
5	Consiglio Nazionale delle Ricerche	CNR	Italy
6	Nederlandse Organisatie voor Wetenschappelijk Onderzoek	NWO	Netherlands
7	Natural Environment Council	NERC	United Kingdom
8	Konsortium Deutsche Meeresforschung	KDM	Germany
9	Forschungszentrum JÜLICH	JÜLICH	Germany
10	Uniunea Executiva pentru Finantarea Invatamantului Superior, a Cercetarii, Dezvoltarii si Inovarii	UEFISCDI	Romania

Part B Page 1

SRIA input Pilot Actions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