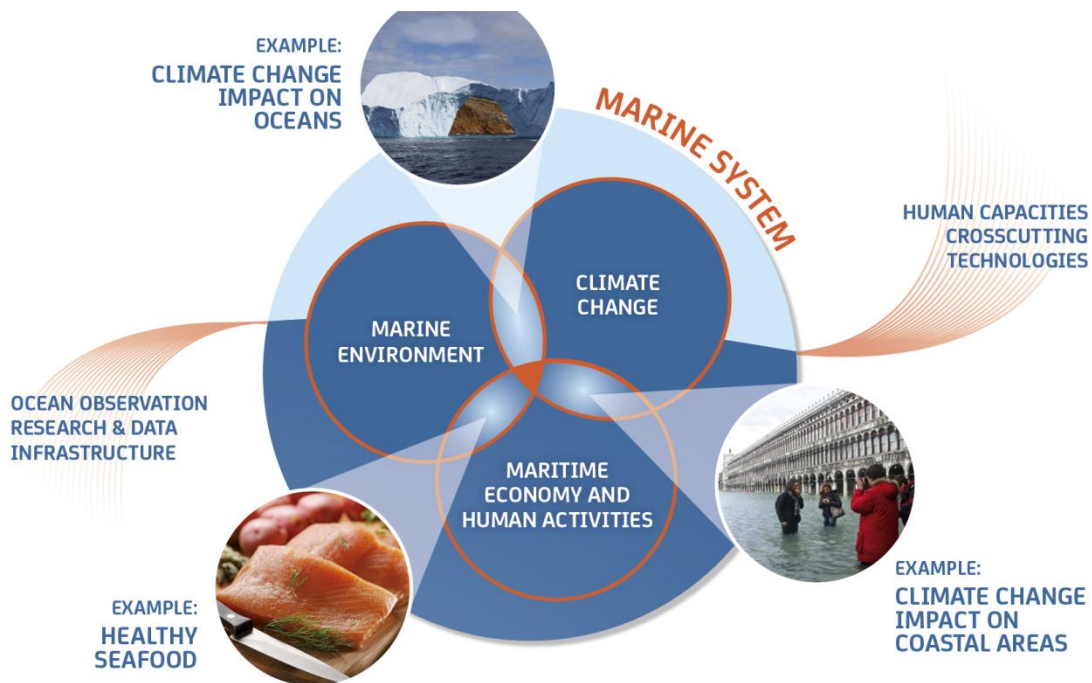


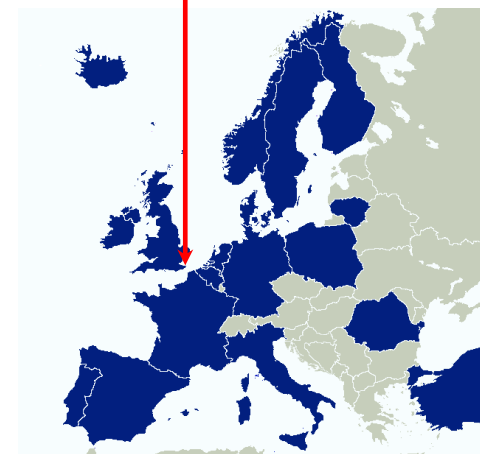
Joint Programming Initiative: Healthy and productive seas and oceans



Brussels office



18 member countries



GOALS:

- Enable the **knowledge-based maritime economy**
- Ensure **good environmental status of the seas**
- Optimise the **response to climate change**

intersections and cross cutting issues



JPI Oceans – added value

- Pool national research efforts for better use of Europe's public R&D resources,
- Tackle common European challenges more effectively.

Key qualities

- Strategic, long term
- High level board
- Member state driven
- CSA + dialogue with EC
- SRIA & Implementation
- Alignment of national strategies

Fit for purpose tools

- Pilot actions
 - (exploring coll. methods)
- Share data and infrastructure
- Calls for proposals
- Workshops
- ...variable geometry

Reduce duplication and fragmentation

Marine Biotechnology



Enabling technologies

- Molecular methods
- Genetic markers
- Bio-prospecting
- Bio-processes
- Cross cutting technologies
 - Sensors
 - High throughput
 - Data mining

Applications and use

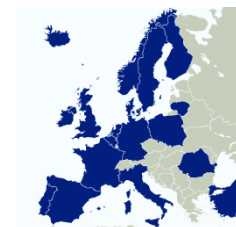
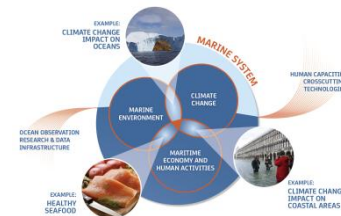
- MSFD and GES
- Marine monitoring
- Ecosystem services
- Bio-resources, -energy
- Knowledge Based Blue Economy
- and sharing for better use

More of the knowledge and big data ... turned into applications



JPI Oceans and European Marine Biotechnology

- **ERA-nets** are excellent mechanisms for implementation of shorter term calls. JPI could facilitate calls across ERAnets
- **Biotechnology** – new tools towards *JPI Oceans' goals*
 - Knowledge based maritime economy
 - Good environmental status
 - Response to climate change
- **An “ocean” of marine networks, SRAs and mappings...**
 - Many network partners are involved in JPI Oceans
- **JPI Oceans** - a strong, long term, strategic body
 - With the ability to create joint European action



www.jpi-oceans.eu

- **Keep close dialogue to find good modes of cooperation!**