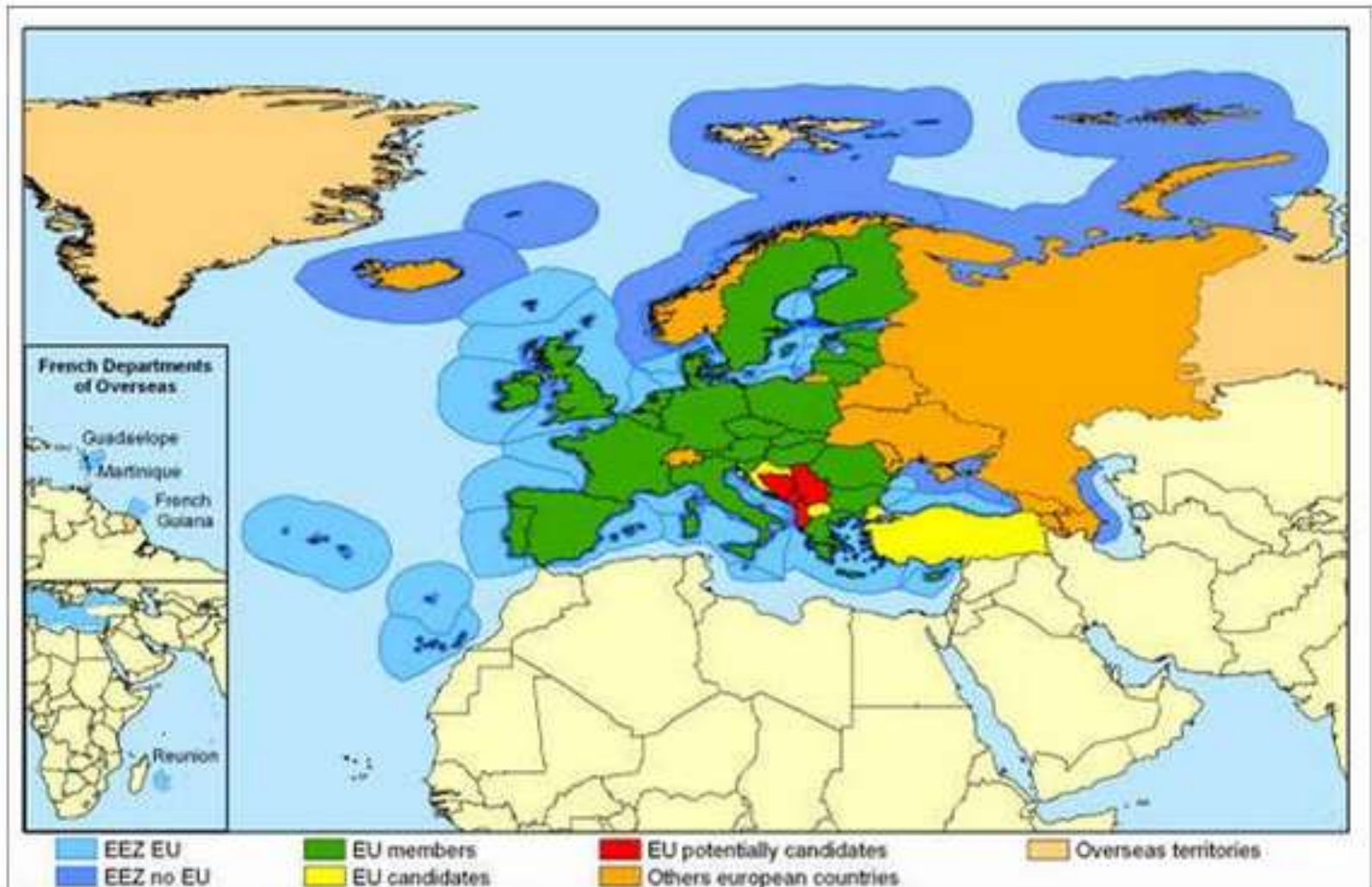


Blue Growth

Peter Crawley
Directorate F
Bioeconomy

Cooperation in
Marine Science around
the Baltic and Beyond

European and EU EEZs



The EU 'Blue' Policy context:

- 2003 *Leadership 2015*
- 2008: ***the EU Integrated Maritime Policy***
- 2009 *European Union Strategy for the Baltic Sea Region*
- 2012-2014: ***the EU Blue Growth Agenda with its Sea-basin Strategies e.g. the Atlantic Strategy and its Action Plan***
- 2014: ***Revised EU Common Fisheries Policy***
- 2014 *SWP Sustainable Blue Growth Agenda for the Baltic Sea Region*
- 2014: ***Several Communications, such as:***
- the Blue Energy Communication
 - the Blue Tourism Communication
 - the Blue Innovation Communication (*Joint MARE&RTD*)
- Directives:*** *the Marine Strategy Framework Directive (2008) , Maritime Spatial Planning Legislation (2014), etc.*



Juncker's Commission Agenda

- President - Jobs, growth investment & Stronger global Actor
- Commissioner Moedas - Framework Conditions, Excellence, H2020 impact

Who are we?



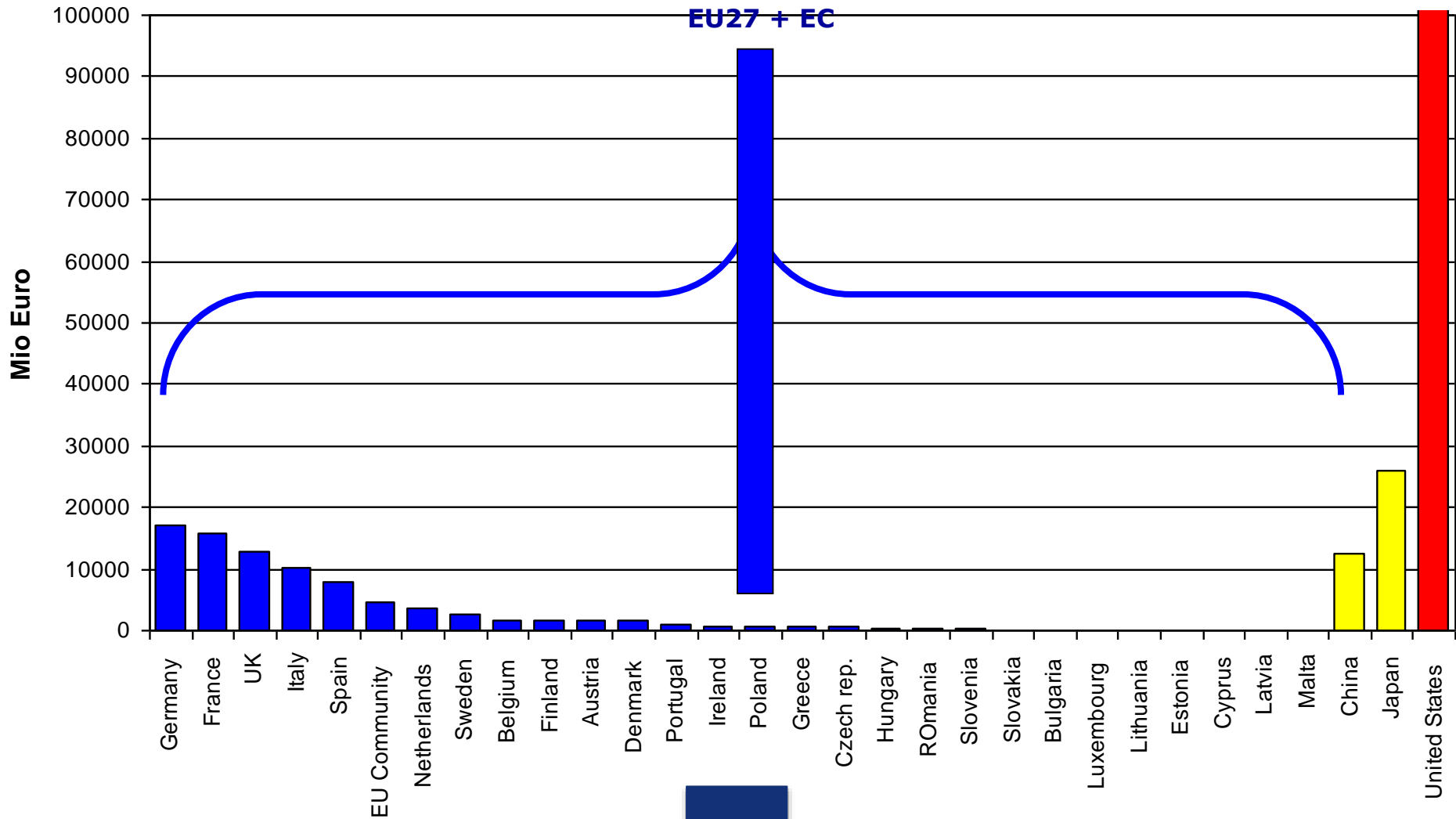
New Marine Resources Unit created 1 January 2014 in Directorate F 'Bioeconomy' to coordinate Marine & Maritime Research across DG RTD and with other DGs '(MARE, ENV, ENTR, MOVE, REGIO..)

BONUS programme moves to new Unit.

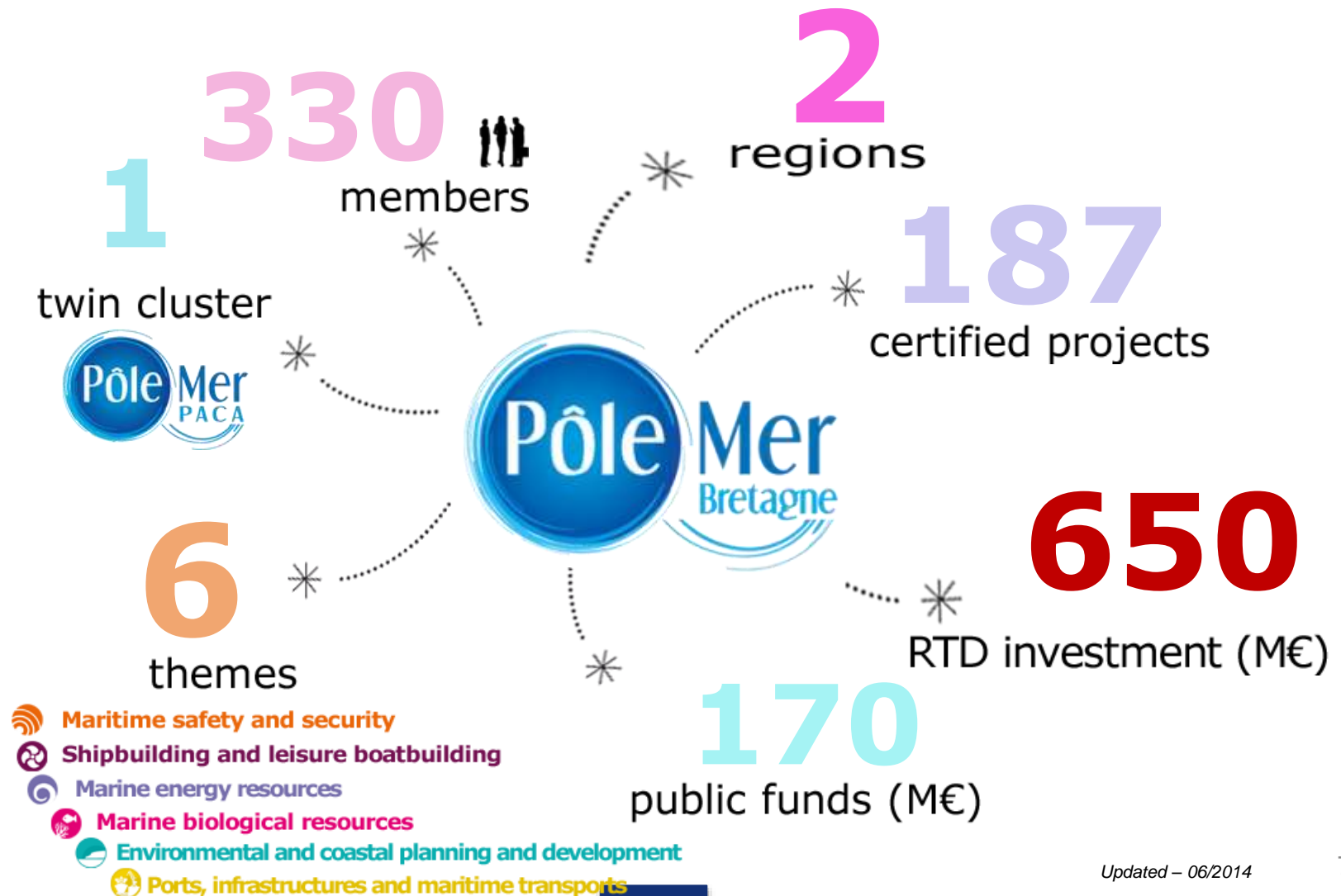


A compartmentalised ERA

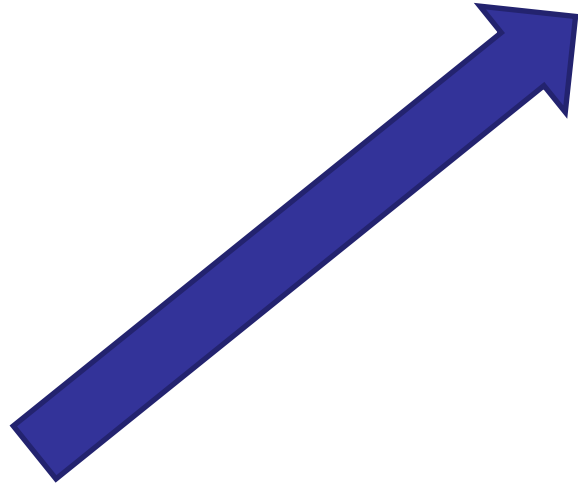
Public Funding for Research (Source : ERA Key Figures 2007, EC)



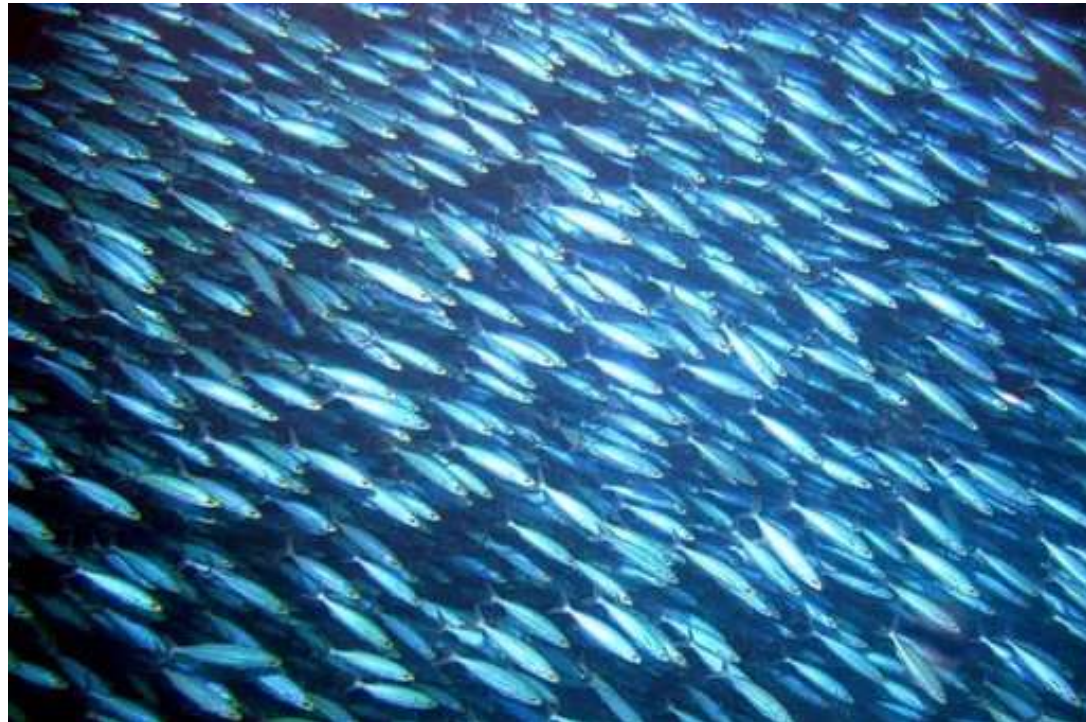
Pôle Mer's Figure



Where do we want to go?



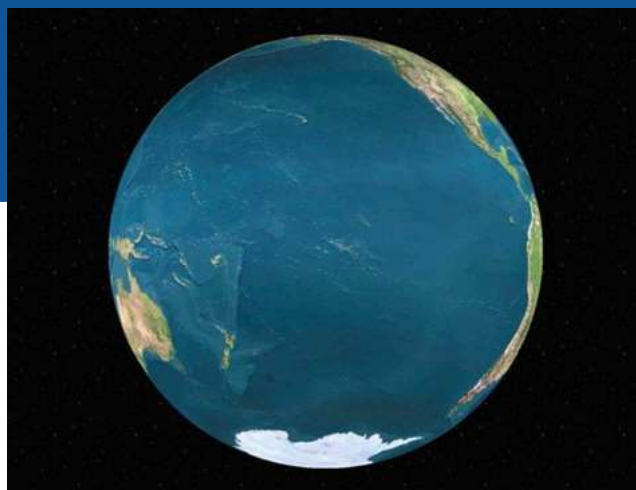
Who are we?



- *2003-2008- BONUS ERA-NET*
 - Established the 1st cooperation.
+Trust, vision > towards an integrated partnership.
- *2009-2011 BONUS+ ERANET*
 - +A joint call,
 - +Common selection
 - +Combined Resources- members + EU= €22.4M
- *2010-2014 Bonus Art 185*
 - +An integrated programme with more centralised management
 - +Legislative foundation (*Bonus law*)
 - +Common rules, common selection
 - +€100 M resources 50/50 EU to member states

Research & Innovation

An Ocean of opportunities



Algae Biorefinery



Drugs & Cosmetics



The Arctic



Aquaculture



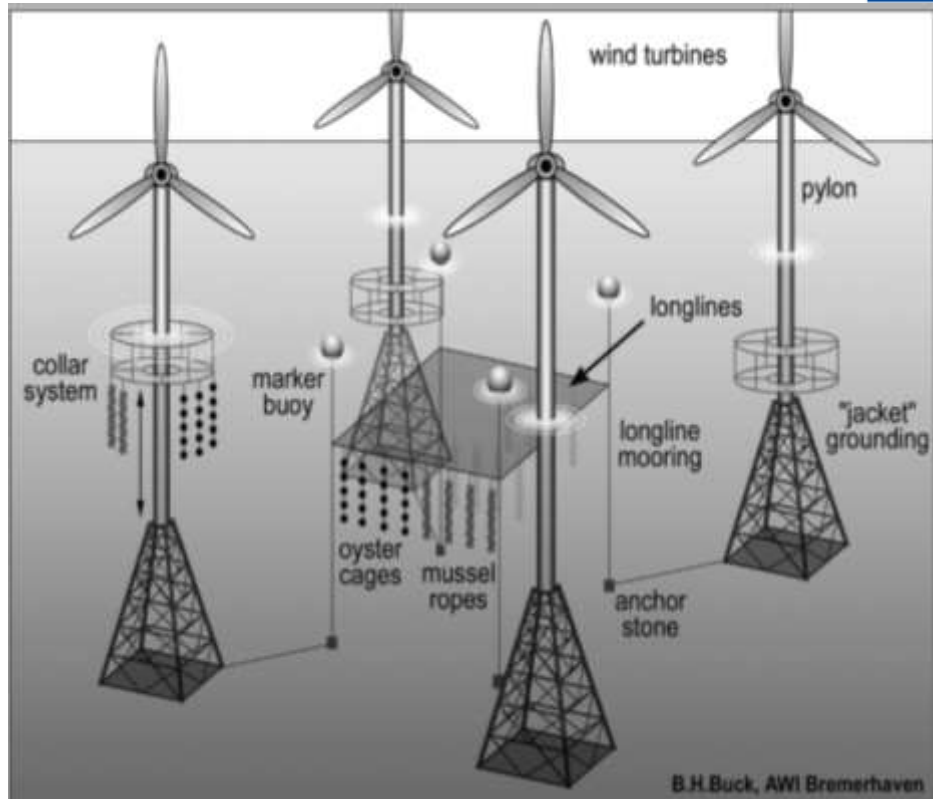
Observing systems

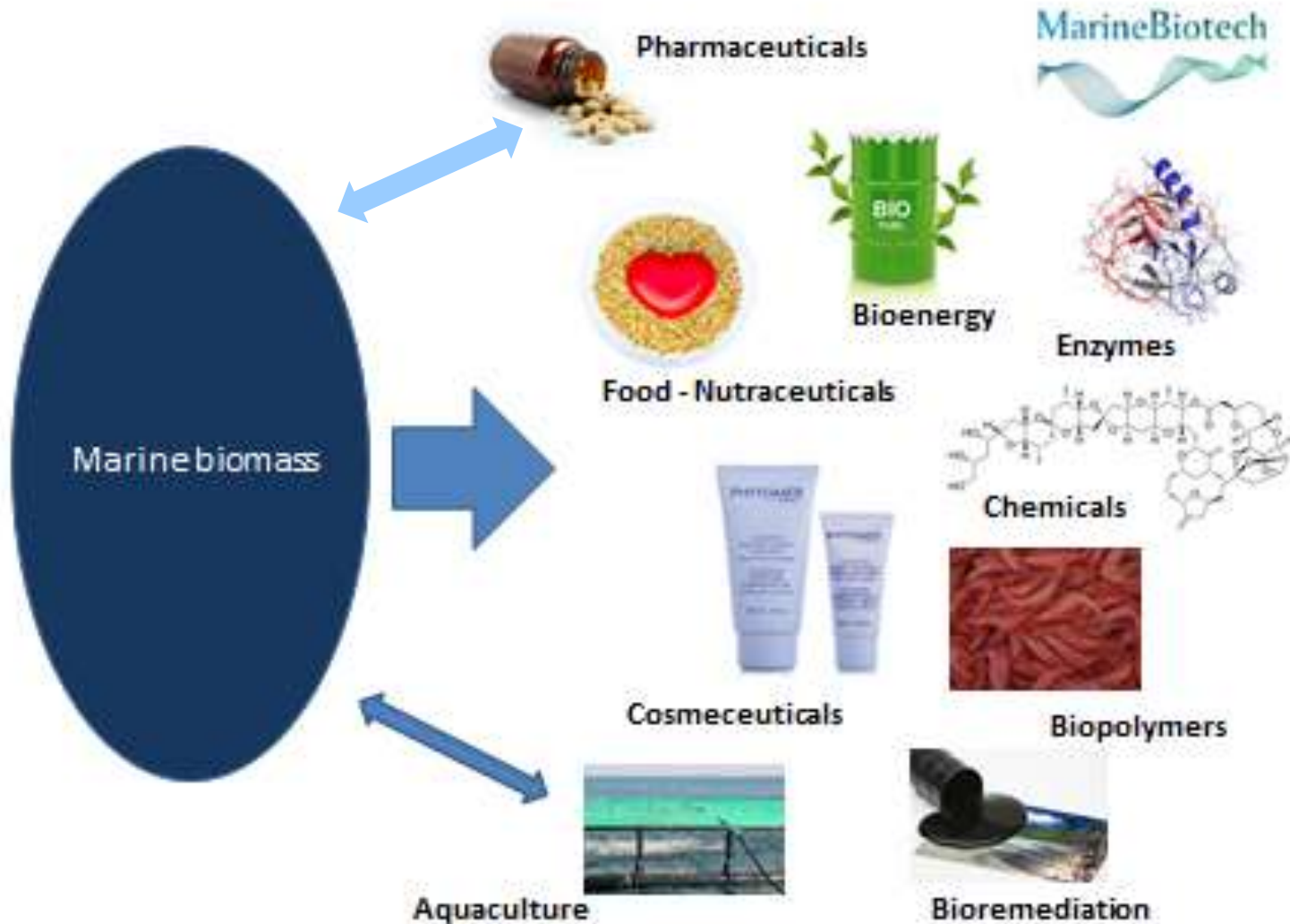


Deep sea

Offshore

The new offshore challenge





Healthy ocean and seas for healthy people



Complex land-sea interactions (green algae bloom, coastal erosion)



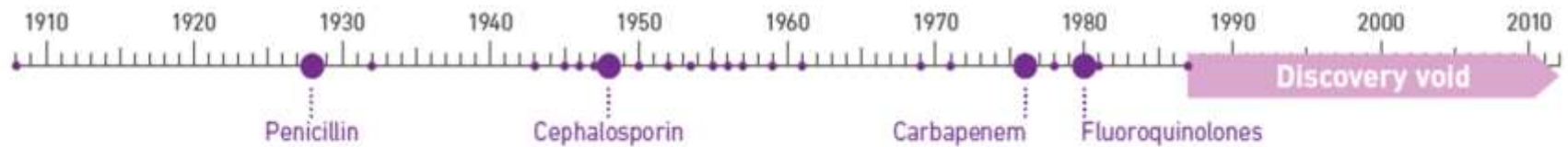
Healthy ocean and seas for healthy



**New medicines,
healthy food, healthy
diets**



Over the last 30 years, no major new types of antibiotics have been developed



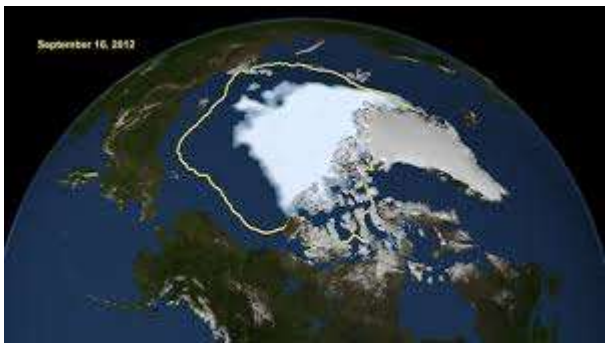
Opportunities

- A. Demonstrating the innovation potential of seas and oceans*
- B. Seizing the opportunities of integrated sea basin strategies for science diplomacy*
- C. Engaging with citizens*

A. Demonstration the innovation potential of seas and oceans



Seizing the opportunities of integrated sea basin strategies for science diplomacy



C. Engaging with citizens through ocean literacy

- ✓ **Land-Sea Interaction:** Impact on Health, Food and Economy
- ✓ Big campaign towards **protection and cleaning** the seas and oceans
- ✓ Reducing the pollution of coasts, seas and oceans



THANK YOU FOR YOUR ATTENTION

