

*Il sistema marno costiero*  
*Networking territoriale della conoscenza: un'opportunità*  
*per la Regione Emilia Romagna*  
Bologna, 8 Giugno 2015


# CONTRIBUTION TO THE ROUND TABLE DISCUSSION

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committee

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# Suggestions (specific)




Unravelling and exploiting Mediterranean Sea microbial diversity and ecology for Xenobiotics' and pollutants' clean up

FP7, 2010-2013



INTEGRATED BIOTECHNOLOGICAL SOLUTIONS FOR COMBATING MARINE OIL SPILLS

FP7, 2013-2016



New BIOTECHNOLOGICAL approaches for biodegrading and promoting the environmental biotransformation of synthetic polymeric materials (BIOCLEAR)

FP7, 2012-2015

***A BioIndustry Based on marine Mediterranean resources:*** Exploitation of the Mediterranean biodiversity for in situ and ex-situ bioremediation of contaminated marine matrices and ecosystems (including litter mitigation) and/or the industrial production of food, novel pharmaceuticals and cosmetics or biobased fine chemicals, materials, and energy, etc. Algal integrated biorefinery.

# Suggestions (general)

**Mapping ongoing projects, exploit existing knowledge and plan new R&I actions on knowledge and technology gaps and new innovation opportunities;**

**Foster integration of marine and maritime sectors as well as of policy makers, public researchers and industry (i.e., mining, aquaculture, fishery, shipbuilding, maritime transportation, tourism, etc.);**

**Promote integration/complementarity of R&I available funds (regional -structural and investment funds-, national and EU funds) within and between Countries, avoiding duplication, maximizing the cooperation and impacts;**

**Align/integrate strategies promoting blue growth in the area.**

# RESEARCH AND INNOVATION INITIATIVE FOR BLUE JOBS AND GROWTH IN THE MEDITERRANEAN AREA (BLUEMED)

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**On behalf of the BLUEMED *ad hoc* working group**

# About

The **BLUEMED Initiative** fosters integration of knowledge and efforts of EU member states of the Mediterranean Basin to jointly create new 'blue' jobs and industrial growth in the marine and maritime sectors of the area.

It was a **priority of the Programme of the Italian Presidency of the Council of the European Union:**

*Bearing in mind the considerable emphasis on marine and maritime sectors and blue innovation as important pillars for a sustainable socio-economic growth, the Presidency will organise specific events and work with **the Commission and Member States to define a Blue Growth flagship initiative for the Mediterranean.***

Work goes on **under the Italian coordination** with 8 other EU Member States (except Portugal, all bordering the Mediterranean): **Cyprus, Croatia, France, Greece, Malta, Slovenia, Spain** and - since July 2014 – also **Portugal**. The process is supported and facilitated by the **European Commission (DG R&I, DG MARE, DG JRC)**.

# The process

## Needs & Gaps

- **May 2014 >> Set up of the initiative and roadmap;**
- **June-August 2014 >> National mapping of R&I projects** (about 900!) via public/private; stakeholders consultations; merging of information and **identification of R&I needs & gaps, opportunities and boundary conditions for their implementation.**

## Vision

- **September - December 2014 >> Consultation with relevant scientific communities and industrial associations at EU level, finalization of a **Vision Document** including preliminary key challenges, and its **endorsement by the Italian Presidency of the EU Council and presentation at the Competitiveness Council of 04-05 December 2014.****

## SRIA

- **February 2015 >> Key challenges consolidation and indications of goals & actions according to the drivers of *boosting blue jobs and growth and improve knowledge transfer and SMEs participation*; exploration of interregional perspective/opportunities within the EU Cohesion policy;**
- **April 2015 >> Finalization of the BLUEMED **Strategic Research and Innovation Agenda (SRIA).****

# The BLUEMED SRIA – Key Challenges

## Key enabling support knowledge for the Mediterranean

- *On Mediterranean Sea ecosystems: services, resources, vulnerability and resilience to natural and anthropogenic pressures*
- *On Mediterranean Sea dynamics as to develop services for sustainable adaptation and remediation plans to climate change*
- *On Mediterranean hazards and protection of coastal areas*

## Key sectorial enablers in the Mediterranean

- *On Mediterranean innovative marine bio-resources based enterprises*
- *On ecosystem based management of Mediterranean aquaculture and fisheries*
- *On sustainable tourism in the Mediterranean*
- *On Maritime Spatial Planning and Integrated Coastal Zone Management in the Mediterranean*
- *On maritime clusters in the Mediterranean*

## Enabling technology and capacity creation for the Mediterranean

- *On smart and greener maritime transport and facilities in the Mediterranean*
- *On observing systems and operational oceanography capacities in the Mediterranean*
- *On multi-purpose off-shore platforms in the Mediterranean*
- *On Mediterranean marine and costal cultural heritage: unveiling, protecting and valuing*

# Next steps

## *National level*

- **May/June 2015** >> Consultation with Ministries, Regions and private sector of the Members States on their R&I funding priorities and strategies (e.g. smart specialization) for favouring alignment and implementation

## *EU level*

- **May 27 and 29, 2015** >> Presentation BLUEMED SRIA at UfM Stakeholder Conference and Maritime day (Athens, GR);
- **June 25, 2015** >> 7th meeting of the *ad hoc* BLUEMED working group

**October 16, 2015, Venice, Italy** >> Political event with the official presentation of the BLUEMED SRIA to EU Ministers for R&I and education.



# Expected impact of the BLUEMED initiative

Vision & SRIA available at: [www.researchitaly.it/en/understanding/press-media/documents/](http://www.researchitaly.it/en/understanding/press-media/documents/)

