



Brief overview of IMP-Blue Economy funding tools

Meeting - Plastic busters project: moving forward

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- **23 out of 28 EU countries have a coastline.**
- *The EU's coastline is 7 times as long as the US' and 4 times as long as Russia's.*
- **The EU's maritime regions are home to almost half its population and account for almost half its GDP.**
- *In terms of surface area, there is more sea than land under the jurisdiction of EU countries.*
- **Including its outlying regions, the EU has the world's largest maritime territory.**
- *Blue economy : 5.4 million jobs and GVA 500 Billion/year*

Sea and oceans → drivers for the European economy and have a great potential for growth



Integrated Maritime Policy' (IMP): first a Commission's initiative and then a Union policy to foster coordinated and coherent decision-making to maximize the sustainable development, economic growth and social cohesion of Member States and maritime sectors, **through coherent maritime-related policies;** (*Regulation (EU) No 1255/2011 Programme to support an IMP (OJ L 321, 5.12.2011, p. 1); EU Ministers "Limassol Declaration" 2012; Directive 2014/89/EU; Regulation (EU) No 508/2014 EMFF*)

It covers

- Blue growth (economic growth based on different sectors)
- Marine data and knowledge (EMODNET, Marine Atlas, etc.)
- Maritime spatial planning (Directive 2014/89/EU)
- Integrated maritime surveillance (CISE, etc.)
- Sea basin strategies

It seeks to facilitate coordination and synergies, not to replace policies on specific maritime sectors.



Maritime Spatial Planning Framework

DIRECTIVE 2014/89/EU

- ***Evidence-based decision making***
 - *Reduce conflicts & create synergies between sectors- activities*
- ***Encourage investments (predictability, transparency and clearer rules)***
 - *Help boost the development (renewable energy sources and grids, Marine Protected Areas, oil and gas, aquaculture, fisheries, tourisms, sea mining, underwater cultural heritage etc.*
- ***Increase coordination (between administrations)***
 - *Increase cross-border cooperation – between EU countries*
- ***Protect the environment (early identification of impact and opportunities for multiple use of space)***

Support and facilitate the Europe 2020 Strategy for smart, sustainable and inclusive growth

Blue growth (COM 2012 - 494 final): to further harness the potential of European Oceans, seas and coasts for jobs, value and sustainability (**environmental-economic-social dimensions**)

5 Sectors with higher potential for sustainable blue growth (jobs, innovation):

- 1. Coastal, maritime and cruise tourism*
- 2. Aquaculture*
- 3. Renewable energies (wind, tidal, wave, thermal energy)*
- 4. Biotechnology*
- 5. Mineral resources-seabed mining*

Other sectors are anyhow crucial for jobs and value

- 1. Shipbuilding and ship repairing*
- 2. Maritime transport (cargo & ferry)*
- 3. Fisheries*
- 4. Offshore oil and gas*



European Structural and Investment Funds

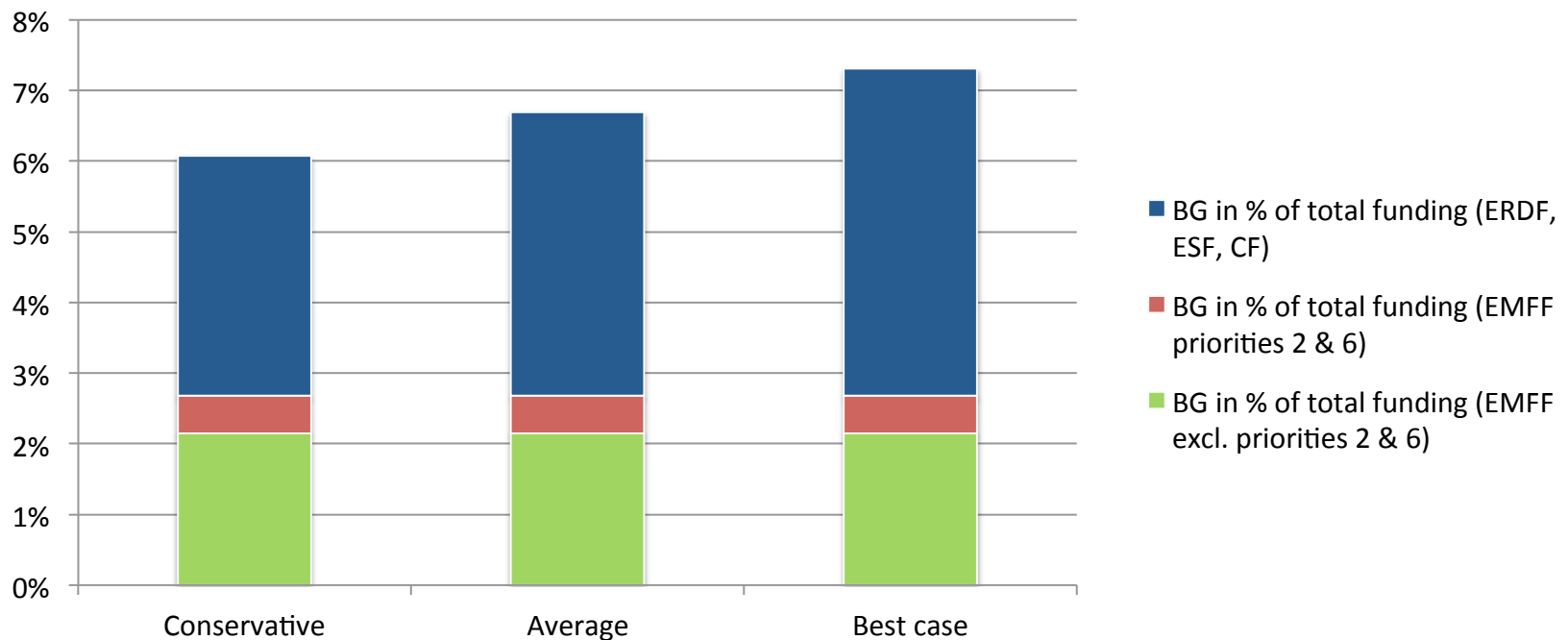
The ESIFs are

- *Cohesion Fund (CF),*
- *European Social Fund (ESF),*
- *European Regional Development Fund (ERDF) (support also ETC-INTERREG)*
- ***European Maritime and Fisheries Fund (EMFF)***
- *European Agriculture Fund for Rural Development (EAFRD)*

Relevant impact in the achievement of economic and social targets in the MS

Mainstreaming of IMP-Blue Economy objectives under the OPs co-funded by ESIFs

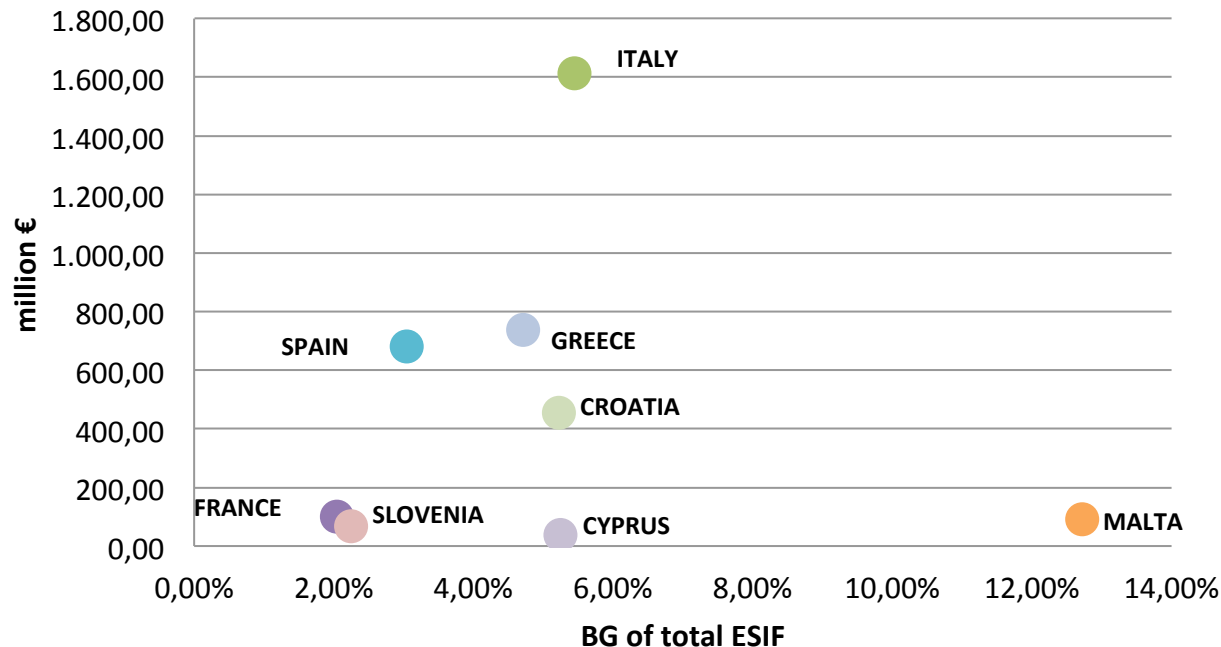
ESIF 14-20 contribution to Blue Growth - MED



Out of € 105 billion* ESIF 14-20 volume, about € 7.8 billion (7.4%; avg. estimation) are earmarked as Blue Growth investments

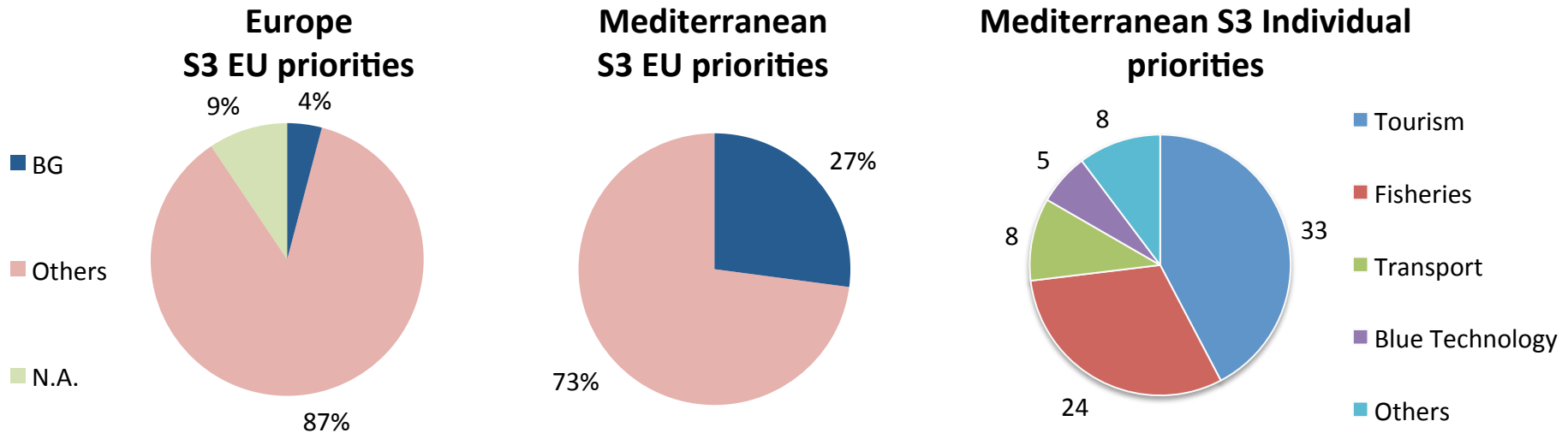
*includes national co-funding; DATA UNDER REVISION; EAFRD not included

Estimated country specific BG effect of ESIF 14 - 20 spending*



Blue Economy investments in total numbers is highest in Italy (€ 1.6bn) whereas Malta shows the highest investments in % of funding (12.7%)

Smart Specialization Strategies in the MED



The analysis of the S3 priorities in the MED confirms the focus on Blue Economy with a prioritization of Tourism, Fisheries and Transport



European Maritime and Fisheries Fund

Supports the implementation of the CFP and IMP

Shared management: national operational programmes

ITEMS relevant for plastic buster project:

Can cover costs of the collection, storage and disposal of wastes collected by the fishermen in nets including removal of lost fishing gears (investments on board and in ports; articles 39-40(1)a- 43(1))

There are 20 such projects for Italy, 15 for Croatia, 7 for Bulgaria, 3 for Romania and 2 for Cyprus in the respective Operational Programmes (47 altogether) (Mediterranean façade of Spain and France has not been covered by this review).



Commission 2016 Work Programme - for the implementation of the **EMFF – Direct Management**

http://ec.europa.eu/dgs/maritimeaffairs_fisheries/contracts_and_funding/annual_work_programme/2016/c_2015_8729_annex_en.pdf

GRANTS

- **Blue technology** - Innovative solutions for transfer to sea basin economies (Budget 2.5M €; April 2016; DG MARE; EASME)
- **Blue Labs** - Innovative solutions for maritime challenges (Budget 1.7 M €; April 2016; DG MARE; EASME)
- Supporting the next implementation Cycle of the Marine Strategy Framework Directive (Budget ≈ 2.7 M €; 2 Q 2016; DG ENV; EASME)

Procurement Framework contr.: up to 4 specific contracts through 2016

- **Emerging pressure**, human activities and cost-effective measures in the Marine Environment (..actions also in relation to marine litter....) (Budget ≈ 500000 €; 2 Q 2016; DG ENV)

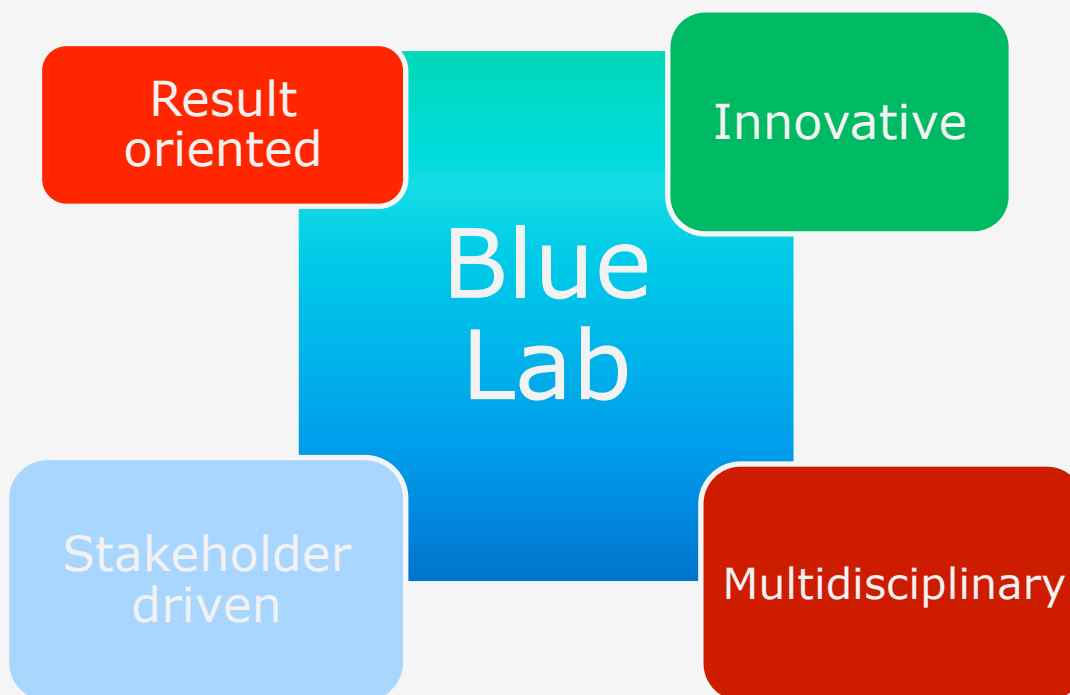
BLUE LABS: innovative solutions to tackle maritime challenges



Blue Lab – The concept

A "Blue Lab" is the collective endeavour to develop a new idea and to apply it in the maritime domain and/or marine environment.

**How
and
who?**



Blue Labs – 2016 Priorities

- Blue (bio)remediations;
- **Marine litter;**
- Underwater cultural heritage;
- Invasive alien species and jelly fish proliferation.

What?



➤ These 4 topics reflect the priorities of this year's call. However, other topics are not excluded (meeting objectives and duly justified).



- **What is at stake?**

Support creativity and multidisciplinary approaches to address maritime & marine issues & boost blue growth

- **What do we expect?**

Smart partnerships that develop innovative solutions tackling marine & maritime challenges

- **Total budget and co-financing rate:
EUR 1.700.000 and 80% co-financing**

- **Budget range per project:
EUR 200.000-500.000**

- **Duration of projects: max 24 months**

- **Deadline for submission: 31/05/2016**



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BLUE TECHNOLOGY: TRANSFERRING INNOVATION TO SEA BASIN ECONOMIES

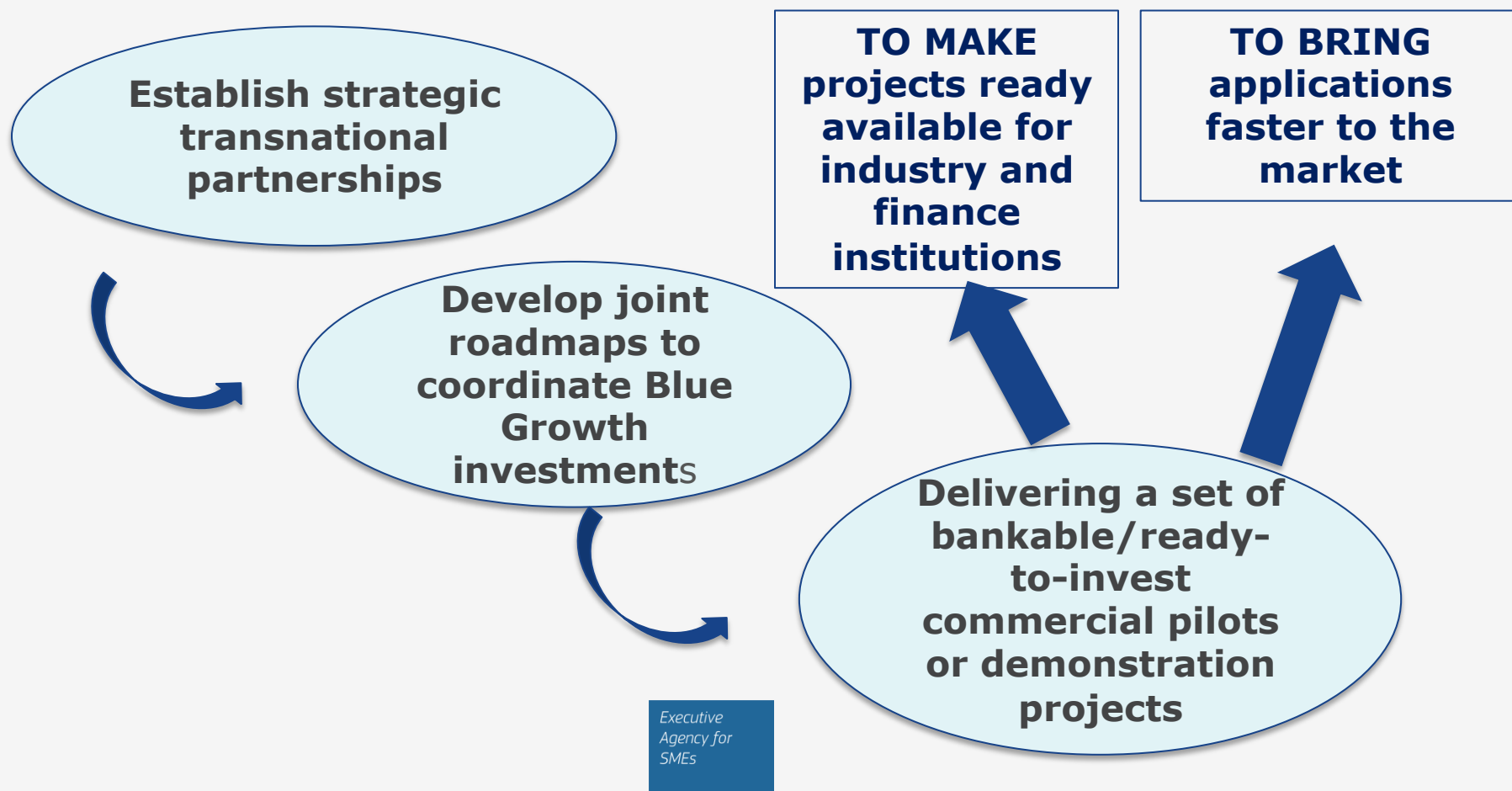


Executive
Agency for
SMEs

Blue Technology - EMFF 2016 *Challenge/ Objectives*

1. Encourage **strategic and coordinated investment in Blue Growth** at sea basin level **by supporting transfer of new technologies and research results** into commercial applications
2. Foster **strategic transnational partnerships for more synergies and critical mass**
3. **Mobilise industry partners to leverage** industry investments
4. **Encourage joint roadmaps** to develop pre-commercial and commercial applications

Blue Technology - EMFF 2016 *Challenge/ Objectives*





- **What is at stake?**

Strategic partnerships for developing investment roadmaps, & boosting the blue economy at sea basin level

- **What do we expect?**

Joint investment roadmaps and bankable demonstration projects in high potential blue growth domains

- **Total budget and co-financing rate:
EUR 2.520.000 and 80% co-financing**

- **Budget range per project:
EUR 600.000-800.000**

- **Duration of projects: max 24 months**

- **Deadline for submission: 30/09/2016**

- **Start of the projects: April 2017**

Useful links:

<https://ec.europa.eu/easme/en/call-proposals-blue-labs-innovative-solutions-maritime-challenges>

<https://ec.europa.eu/easme/en/call-proposals-blue-technology-transfer-innovative-solutions-sea-basin-economies>

FAQs: <https://ec.europa.eu/easme/en/questions-and-answers>

Beginner's guide from DG BUDG:

http://ec.europa.eu/budget/funding/index_en



FARNET

the community of people implementing Community-Led Local Development (CLLD) under the European Maritime and Fisheries Fund (EMFF). This network brings together Fisheries Local Action Groups (FLAGs), managing authorities, citizens and experts from across the EU to work on the sustainable development of fisheries and coastal areas.

Its task is to provide capacity building to FLAGs and managing authorities, citizens to disseminate information, exchange experience and good practice and to support cooperation between the local partnerships.

The network cooperates with the networking and technical support bodies for local development set up by the ERDF, the ESF and the EAFRD as regards their local development activities and transnational co-operation.

<https://webgate.ec.europa.eu/fpfis/cms/farnet/>



GUARDIANS OF THE SEA

preparatory actions for the definitive reassignment of fishing vessels and professional re-orientation of fishermen outside fishing.

CALLS: MARE/2013/09 and MARE/2014/24 ≈ 1.8 M€

- *(a) Test in Mediterranean coastal regions, the feasibility of professionally reorienting fishermen using fishing vessels reassigned to activities other than fishing;*
- ***(b) Identify and develop technical solutions for sea cleaning, such as for example to solve the problem of collecting small plastic debris and small fragments;***
- *(c) Identify the economic conditions and operational costs of vessels operating as a platform for a number of environmental and maritime activities outside fishing and identify ways for future funding;*
- *(d) Identify the relevant training needs of fishermen, and where appropriate, vessel owners, and identify ways to cover these needs and fund them;*
- *(e) Support reduction of fishing capacity in line with CFP Reform objectives by providing incentives to both fisherman and vessel owners to leave the sector and opt for professional reorientation;*

Geographical area	Vessel	Partners
Bellaria Regione Emilia-Romagna (Italy)	Baby Blu	Municipality Bellaria Igea Marina; Organizzazione dei Produttori Bellaria Pesca Societa Cooperativa a r.l. (IT); Arpa Regione Emilia-Romagna (IT); Legacoop Emilia-Romagna (IT); Lega Pesca - Associazione Nazionale fra Cooperative di pesca della Lega Nazionale Cooperative e Mutue (IT); M.A.R.E. SOC. COOP. A R.L. (IT) Centro Sviluppo Piccola e Media Impresa società cooperative (IT)
Lecce (Italy)	S. Luna Marinara	Amministrazione Comunale di Melendugno (Lecce); Amministrazione Comunale di Otranto (Lecce) (IT); Amministrazione Comunale di Lecce (IT)



Geographical area	Vessel	Partners
Conero Park; Torre del Cerrano MPA; Isole Tremiti MPA (Italy)	Eco1	FLAG Marche sud, City of San Benedetto del Tronto; Consorzio di Gestione Area Marina Protetta Torre del Cerrano (IT); Ente Parco Regionale del Conero (IT); Area Marina Protetta Isola Tremiti (IT); Università degli studi di Teramo (IT); Università degli studi Di Camerino (IT); Consiglio Nazionale delle Ricerche (IT); Blu Marine Service Societa cooperativa (IT)
Murcia (Spain)	Ciudad de Cartagena	Asociacion Centro Tecnologico Naval y del Mar (CTN); Federación Española Empresarios del Mar (ES); Centro Integrado de Formacion Profesional Hesperides (ES)
Eastern coast of Sardinia (Italy)	Pamy	Gruppo di Azione Costiera Sardegna Orientale (GAC SO); Motobarca Pamy (IT)



INTERREG MED programme

- 13 States and 57 regions
- 10 EU Member States+ 3 EU candidate/potential candidate IPA countries
- Total budget : \approx 276 M €
- **Objectives:** sustainable growth, innovative concept and practices, reasonable use of resources, social integration, integrated and territorial based cooperation
- **3 Thematic Priorities:**
 - Axis 1 Innovation: to develop smart and sustainable growth (e.g blue growth)
 - Axis 2 Energy
 - Axis 3 Environment: SO 3.1 Coastal and maritime tourism
 - **SO 3.2 Biodiversity and marine protected areas**
- NEXT CALL end 2016-early 2017: www.interreg-med.eu

Horizon 2020 Work Programme 2016 – 2017*

* indicative basis

European Commission Decision C(2016)1349 of 9 March 2016

9. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy

- ***Call – Blue Growth Focus Area– Demonstrating an ocean of opportunities***
- ***Four interlinked pillars***
 - Boosting innovation for emerging Blue Growth activities: test-demonstrate, bring to market existing or new marine maritime technologies, innovative products , new services
 - Linking healthy oceans with healthy people
 - Arctic dimension climate change related
 - Valorising the Mediterranean Sea Basin: deepen knowledge on the Med. Marine ecosystems and services



- **BG-07-2017:** Blue green innovation for clean coasts and seas
- **Scope:** demonstration projects to clean and lay the ground for a healthy sea and its coasts
- To develop and scale-up innovative processes and measures to clean the selected site (substantial in size) from visible (e.g. floating plastics or lost fishing gears) and invisible litter (e.g. microplastic) **involving local communities and actors**
 - **Develop innovative methods/processes for cleaning**
 - **Progress towards reducing pollution and debris in regional sea basins**
 - **Increase awareness and acceptance of civil society**
 - **Improve the professional skills**
- EC contribution per project up to a max 6M€ (indicative; 12 M overall)
- **CALL: open October 2016 - end February 2017**

PRIMA INITIATIVE : Partnership for Research and Innovation in the Mediterranean Area

- *proposal advanced by the 9 Mediterranean EU MS (Croatia, Cyprus, France, Greece, Italy, Malta, Portugal, Slovenia and Spain) for the participation of the EU in a joint research and innovation programme focused on the development and application of innovative solutions for food systems (including also aquaculture) and water resources in the Mediterranean basin. (Article 185 under Horizon 2020)*
- *EC is **currently evaluating** (impact assessment and public consultation end 24 April)*
- *Expected to start in 2018 over a period of 10 years.*
- *Budget committed 200 M€*
- *Seven non –EU countries can take part in PRIMA.*

Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans)

- 10 MS launched a joint call (January 2015) on DE initiative, Budget \approx 7.5 M €
- **Pilot Action** Ecological Aspects of Microplastics
- **Objectives**
 - *Validation and harmonisation of research methodologies and protocols in an emerging field.*
 - *Improving the capacity to identify and quantify microplastic particles in the marine environment.*
 - *Furthering the understanding of the(ecotoxicological) effects of plastic particles on marine organisms and systems.*



Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans)

- 4 projects selected (start from 31 December 2015; duration 36 months)
- **BASEMAN** - Defining the baselines and standards for microplastics analyses in European waters
- **EPHEMARE** - Ecotoxicological effects of microplastics in marine ecosystems
- **PLASTOX** - Direct and indirect ecotoxicological impacts of microplastics on marine organisms
- **WEATHER-MIC** - How microplastic weathering changes its transport, fate and toxicity in the marine environment



CONCLUSIONS

- **Marine litter is a global concern and high in the EU agenda** (UN; 7th EU Env. Action Programme, MSFD obligations and descriptor 10; UNEP-MAP regional Action plan for marine litter; UfM declaration; G7)
- **IMP perspective and development of sustainable blue economy is an opportunity**
- **Variety of different funding mechanisms** (ESIFs→ EMFF; European Territorial Cooperation; RTD; Joint programming initiatives; etc.)
- **Close interaction with national Managing Authorities of the ESIFs, with *national representatives* in the RTD and Joint Programming processes and with *Joint Technical Secretariats* (e.g. INTERREG-MED; JPI Oceans); Commission work programme-EMFF**
- **Modular approach to match specific funding mechanisms**
- **Look at the recently published and forthcoming calls in 2016: Blue-Labs; Blue-Tech; BG-07; INTERREG-MED SO 3.2;**



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Thank you for your attention

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