Facility for Blue Growth in the Black Sea

Matteo Bocci - Blue Economy Expert

9th International Black Sea Symposium
Blue Growth as a driver for regional development
Athens, Greece
Overview of the Facility
Mapping the BE potentials
Examples of interventions
Keeping in touch
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Keeping in touch
The Facility for Blue Growth in the Black Sea provides guidance and support to governments, private investors, trade and industrial associations, research institutions and universities and to the general public regarding opportunities to engage in Blue Economy maritime activities in the Black Sea region.
Facility for Blue Growth in the Black Sea

- 2-year capacity building project launched by the European Commission
- focused on the promotion of blue growth & blue economy development in the Black Sea basin

**Our mission**

- Establish a comprehensive support mechanism
- Identify & engage stakeholders
- Promote regional dialogue on blue growth
- Foster Blue Economy development

**Organisation**

**Regional/Local actors**

**Shared views**

**Eco / Social / Environ Research / Edcation Financing / Projects**
Our Objectives

- Further develop maritime policies
- Promote maritime cooperation at regional level
- Engage with all relevant parties, promote awareness & facilitate ownership of Blue Growth opportunities
- Foster cooperation with national authorities, NCPs, NGOs, private businesses & society
<table>
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<th>Expected Results</th>
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<tr>
<td>Facilitate engagement in and ownership of the topic of Blue Growth amongst society of the Black Sea countries</td>
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<td>Set a Common Maritime Agenda for the Black Sea region agreed among the participating countries which will set common priorities and concrete actions for cooperation</td>
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<td>Establish and maintain national structures on maritime issues</td>
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<td>Identify ways to further boost economic growth and sustainability in the region</td>
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Our Services

- Provide country assessments and promote national priorities
- Support projects, at local, national and regional level
- Establish network of relevant stakeholders
- Communicate funding opportunities
- Promote research, innovation and best practices
- Connect promising initiatives across the Black Sea
- Raise awareness

Funded by the European Commission
Agenda

Overview of the Facility

Mapping the BE potentials

Examples of interventions

Keeping in touch
BE Assessment: methodological approach

- Develop, increase local content
- Develop, increase local content
- Develop, increase local content
- Produce more or better

Maritime and coastal Capital

- Natural capital
  - Natural Heritage
  - Natural resources
- Technical capital
  - Financial Capital
  - Infrastructures and Services
  - Knowledge and skills
  - Maritime Culture and Heritage
- Human capital
  - Governance

Policy-driven maritime activities

- Preserve
- Mobilize
- Produce
- Mobilize
- Use
- Require

Market-driven maritime activities

- Regulation, management, knowledge, research
- Innovate, knowledge, train
- Get more Value

Increase, extend, improve, promote recognize, value, manage

Develop, increase local content, create new sectors
Ways to assess potential for development of MEAs

Assess status of activity in « life cycle »: is there a potential for further development, or a need for change?

Is it possible to capture more value from the value chain?
From a linear “Value Chain” Approach …

**Value chain**

**Upstream Activities**
- Procurement
- Maintenance and infrastructures

**Core Activities**
- Operations
- Transformation

**Downstream Activities**
- Sale

**Related services**
- Vessels
- Gears
- Equipment
- Fueling
- Repairing
- Port services
- Navigating
- Fishing
- Storing
- Transport/conservation
- Local processing
- Global processing
- Restoration
- Wholesale
- Retail

**Local/International Operators**
- Particularly for small-scale vessels/fisheries (high negative externalities for ecosystems)

**National and Local Operators**
- Large portion of fish sold through global value-chains (processing/wholesales)

bulk of economic gain remaining “captured” by local operators
... and “capital” potentials for the sector ...

- Difficulties to access finances
- Impacts on marine ecosystems: destructive methods and bycatch
- Over-exploitation of resources: Low management and free access
- Significant but non-exclusive use of marine space: Moderate use of coastal space through infrastructures
- Infrastructures and Services
- Financial Capital
- Knowledge and skills
- Maritime Culture and Heritage
- Governance

Significant amount of related infrastructure – adapted fleet
Good knowledge and skills but gaps (stocks and associated ecosystems, ecosystem-based management)
Strong historical culture: sailors, gastronomy even if low visibility
Low representation of professional traditional fisheries
... towards Integrated Functional Clusters (IFCs)

Fishing as a portion of a complex offer

IFC “Leisure” EXAMPLE
... IFCs can also share “assets”

IFC “Energy-Desalination” EXAMPLE

**BE applied research and ICT innovation**
*(drones, automation, monitoring/surveillance)*

- **Marine Energy**
- **Marine Biotech**
- **Mariculture**
- **Desalination**
- **Cruising Yachting**
- **Offshore O&G**

Key concepts:
- Financial support
- Diversification
- Energy supply
- Water usage
- Monitoring Knowledge

Diversification into selected “niches”
1st National workshop for #BlackSeaBlueGrowth, opening by EU Delegation in #Moldova, Ministry of Economy & Infrastructure & Harbour Master
1st National #BlackSeaBlueGrowth workshop in Ukraine, a big step forward with public & private Stakeholders sharing #BlueEconomy priorities
Identifying regional synergies
(based on national and sub-regional IFCs?)

ILLUSTRATIVE AND FICTIONAL EXAMPLES
IFC socio-economic sustainable potentials

Local needs
- Research (marine) and Innovation (maritime)
- Training, skills and education
- Entrepreneurship and cooperation

Financing opportunities
- Public funding
- Private investors

Financing mechanisms

(Local/Regional) Return Of Investments
Agenda

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Example 1 - Leisure IFC

**THE COOL ROUTE**

Ranked as the Most Adventurous Cruising Route in the World

The Cool Route Cruising Ground, described in the International Yachting Press as the World’s Most Adventurous Cruising Ground, is one of the most attractive coastlines globally and stretches from Cork, in the South of Ireland to Western and Northern Ireland, on to Western Scotland and then to the Faroe Islands and to Tromso, in Western Norway.

**LEAD PARTNER**

CORK INSTITUTE OF TECHNOLOGY

**ODYSSEA® Croissance et Tourisme Bleue®**

« VILLES-PORTS DESTINATIONS BLEUES »

DE NOUVELLES DESTINATIONS D’EXCELLENCE, DES TERRITOIRES D’INNOVATION, DURABLES ET DE HAUTE QUALITÉ

Funded by the European Commission
Example 2 - IFCs sharing assets and space

Towards coherence and cross-border solutions in Baltic Maritime Spatial Plans

PROJECT IMPLEMENTATION PERIOD:
March 2015 - March 2017

SPECIFIC FUNDING PROGRAMME:
European Maritime and Fisheries Fund (EMFF)

BUDGET:
26,800,000

ABOUT THE PROJECT:
A key aim of the EU Maritime Spatial Planning (MSP) Directive adopted in 2014 is to promote consistency and coherence of maritime spatial plans across marine regions. This requires ongoing cooperation across borders and mechanisms that facilitate the exchange of best practices.

Baltic SCOPE addresses this gap by conducting cross-border consultations for two case studies:
- South West Sweden bordering Denmark, Germany and Poland
- The Läänemaa border with Sweden and Estonia

Integrated Renewable Energy and Desalination

- Location
  - Over Yonder City, Bahamas

- Project
  - Hybrid Energy MicroGrid (Wind/PV/Desalination)
  - Excess energy stored or used in desalination facilities

- Model
  - 3 x NPS 100-21, 30 meter towers

- Average wind speed
  - 7.1 m/s (16.0 mph)

- Annual Energy Production
  - 671,000 kWh
Economically and ecologically prosperous Baltic Sea region where resources and goods are used sustainably and where the long-term management of the region is based on sound knowledge derived from multidisciplinary research.

BONUS, the joint Baltic Sea research and development programme for years 2010-2017, was started by the BONUS member states together with the EU and officially launched in September 2010 by a co-decision of the European Parliament and the European Council as a Treaty on the Functioning of the European Union (TFEU) Article LEE activity.

In support of sustainable development and ecosystem based management of the Baltic Sea region, the HELCOM Baltic Sea Action Plan and the EU Marine Strategy Framework Directive and other European, regional, and national coastal and marine environmental policies and plans, BONUS:

- issues calls on ecosystem research and innovation for scientific community and SMEs
- funds projects of high excellence and relevance to produce knowledge, scientific evidence and innovation solutions needed by policymakers and to engage end-users and the society in the knowledge based governance of the fragile Baltic Sea.

BLUEMED is the research and innovation initiative for promoting the blue economy in the Mediterranean Basin through cooperation. It is the strategy of reference for the Mediterranean countries to work together for a healthy, safe and productive Mediterranean Sea. The BLUEMED initiative will contribute to the creation of new ‘blue’ jobs, social well being and a sustainable growth in the marine and maritime sectors through the implementation of its Strategic Research and Innovation Agenda.
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OUR INTERVENTION AREAS FOR THE BLACK SEA
# The Facility team & contacts

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<thead>
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