



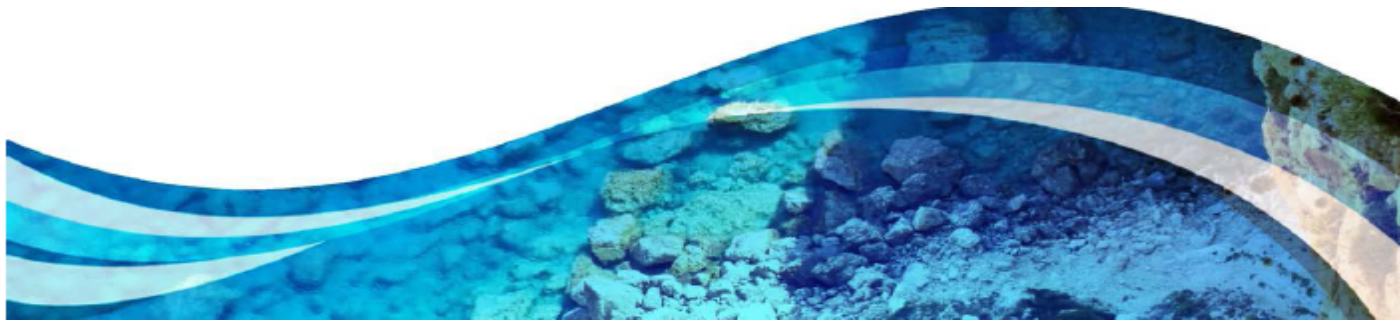
2nd GSO BlueMed WG Meeting
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Algerian National Research strategies and activities



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National Pivot for BLUEMED

National School for Marine Science and Coastal Management



1/ National Progress in regard to BlueMed initiative

Past Actions :

National Research programs 2010-2017

- > 2750 funded projects
- > 55 projects in the scope of BlueMed initiative
 - 5 on the coastal management
 - 3 on biotechnological valorization of marine products
 - 3 on marine renewable energy
- > 15 on Environment and sustainable development (sea and coast)
- 23 on fisheries and aquaculture
- 6 on water resources (treatment and desalination)

=> Existence of human and technical potentials for BlueMed

Current Actions : WestMed initiatives

**Agreement on priorities for the 5+5 country dialogue
(Portugal, Spain, France, Italy, Malta + Mauritania,
Morocco, Algeria, Tunisia, Lybia)**

- Development of Maritime clusters (network of WestMed ports, environmental management ...)**
- Biodiversity and conservation of marine habitat (including monitoring, plastics ...)**
- Sustainable consummation and production (promoting innovative startups in blue economy ≈)**
- Sustainable development of fisheries and coastal communities (including labeling, certification ...)**
- Building Capacities and Mobility of competences**
- Maritime safety and fighting the marine pollution (policy initiatives ...)**

2/ National priorities and BlueMed initiative

-Food Security

- Development of Sustainable aquaculture and fisheries**
- New markets for marine food or by-products**

- Energy Security

- bio-fuels**
- Marine derived energy**
- Exploration of sea bed (ores, oil ...) => mapping the sea bed**

- Citizen Health

- Soil/Air/Water quality ; pollution and remediation**
- marine bio-resources valorization for industry (pharmaceutical, food ...)**

BlueMed day in Algiers : National consultation + Questionnaire

Part 1 - Key enabling knowledge for the Mediterranean

Harmonizing the methods and protocols

Developing numerical models and tools for the policy makers and the managers

Mapping the vulnerability of the Algerian coast

Data Bases development on a national level :

Prospecting the potentials of none biotic resources

Conservation of marine ecosystems and habitats



Part 2 - Key sectoral enablers in the Mediterranean

Aquaculture : innovative technologies ; New solutions for feeding the species ;

Certification of aquaculture products ; Assessing the impacts

Fisheries : Practice and ships ;Upgrading the production chain

Desalination of sea water : Assessing the impacts on marine environment ; new technology for desalination

Tourism : Green Recreational ports ; New coastal land hike trails ; Water management

Innovation and support new startups



Part 3 - Enabling technology and capacity creation for the Mediterranean

Observing systems : Building capacity – harmonizing – networking – integrating

Developing projects on marine renewable energies

Technological Innovations for desalination plants and recycling salts

Developing archaeological submarine activities : Mapping the archeological sites at sea ; Building capacities in archaeological submarine activities



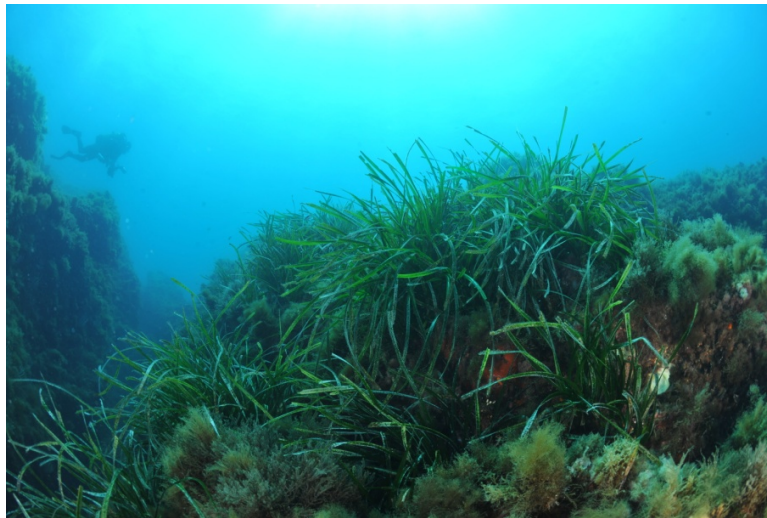
Some Highlights :

- Governance and management have to be developed towards more participative actions at national level
- Capacity building towards youth and professionals
- Defining appropriate status and regulations for conservation and exploitation of the MPAs
- innovation in trade practices (label, traceability, new markets , certification ...)



3/ What is missing in the SRIA (15/10/2018 version) in regard to national priorities

- Nothing
- In general it lacks something specific on ecosystem restoring (building capacities and innovative research)



photography: Saïd Belbacha & Rachid Semroud

4/ To conclude : What has been done for BlueMed initiative in Algeria (... so far : Feb -> Oct 2018)

-Presentation of BlueMed Initiative :

- Seminar on innovative startup in blue economy for ENSSMAL students in March
- Seminar on ICZM in April (ENSSMAL + economic partners)
- Participation to intersectorial groups for WestMed initiatives in the context of 5+5 dialogue
 - Permanent Member of the directorate committee for WestMed implementation
 - Algerian participation to a regional project on MSP. (Foreign affair – 5+5 dialogue)
- Other :
 - Translating SRIA in french to disseminate to the socio-economic sector (and Tunisia ; Morocco)
 - Holding the BlueMed day in Algiers
 - Installing National Coordination cell (BlueMed / WestMed)