

The “ClimVar and ICZM” project, and Regional Climate Change Adaptation Framework Mediterranean LME

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The MedPartnership

Information about the Project

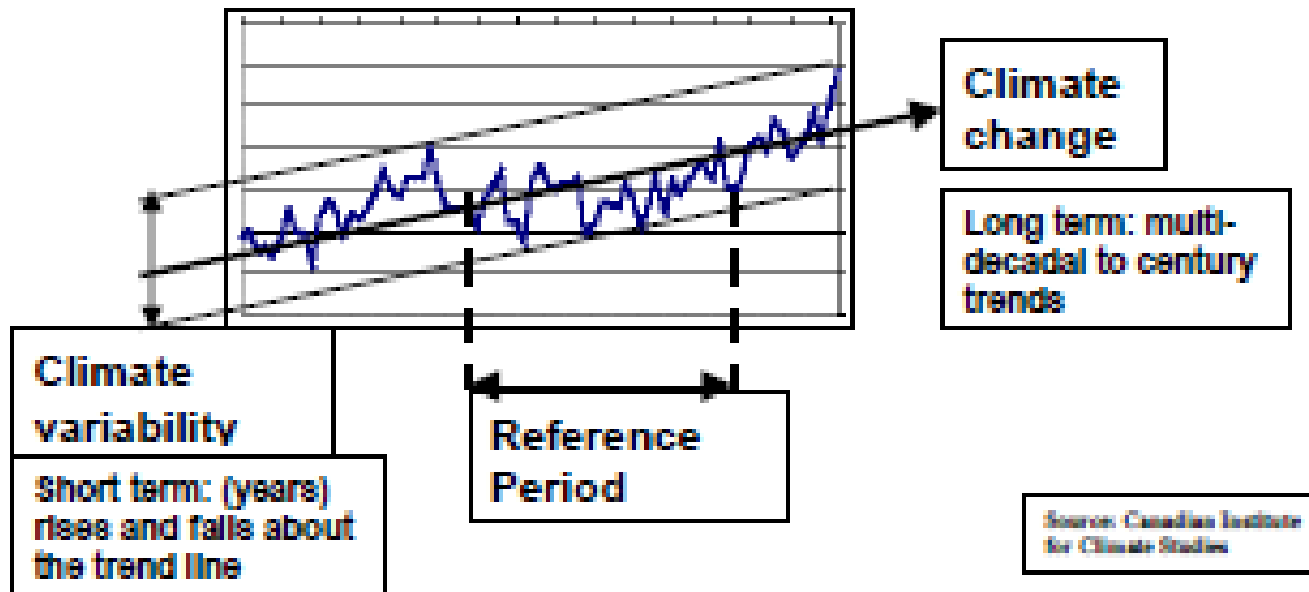
Global Environment Facility (GEF) funded **Large Marine Ecosystem Approach project**.

Main objective is **to assist** countries in the implementation of the priority regional and national actions agreed in two Strategic Action Programmes (SAPs) for **the reduction of pollution from land-based sources** (SAP-Med) and **the conservation of biological diversity** (SAP-BIO) and the **implementation of the Integrated Coastal Zone Management ICZM Protocol**.

Financing: 12.9 M US\$ (GEF funds) plus 36.5 M US\$ co-financing
6 year duration (2009 to 2015).

- **Morocco, Algeria, Tunisia, Libya, Egypt, Lebanon, Syria, Palestine, Turkey, Albania, Montenegro, Croatia, Bosnia and Herzegovina**
- **Led by UNEP/MAP with 10 leading regional organizations: UN bodies and NGO's**

Why the Climate Variability (CV) and Integrated Coastal Zone Management (ICZM)?



“Integrated coastal zone management” means a dynamic process for the sustainable management and use of coastal zones, taking into account at the same time the fragility of coastal ecosystems and landscapes, the diversity of activities and uses, their interactions, the maritime orientation of certain activities and uses and their impact on both the marine and land parts.

The Integration of climatic variability and change into national strategies to implement the ICZM Project (ClimVar&ICZM)

- **Concept Document** of the project approved in 2009 - Project Document approved by GEF in January 2012
- **Project duration:** 43 months
- **Budget:** 9.2 million USD (GEF contribution: 2.2 million +7 million USD co-fin)
 - **Participating countries:** Albania, Algeria, Bosnia and Herzegovina, Croatia, Egypt, Libya, Morocco, Montenegro, Syria, Tunisia, and the Palestine Authority.
- **Executing Agencies:**
 - UNEP/Mediterranean Action Plan (UNEP/MAP)
 - Plan Bleu / Regional Activity Centre (PB/RAC),
 - Priority Actions Programme / Regional Activity Centre (PAP/RAC) and
 - Global Water Partnership - Mediterranean (GWP-Med).
 - UNEP-Grid Geneva

The Integration of climatic variability and change into national strategies to implement the ICZM Project (CV and ICZM)

Objectives: The overall project goal is to promote the use of ICZM in the participating countries as an effective tool to deal with the impacts of climate variability and change in coastal zones by mainstreaming them into the ICZM process. Specific objectives of the project are:

- To strengthen knowledge on regional climate variability and change and their impacts and define their specific characteristics in the Mediterranean region;
- To strengthen partnerships, improve capacity building and establish mechanisms for exchange of data and information for integration of climate variability and change into concrete ICZM policies, plans and programmes)

Information & data gathering

- Assessment of regional and national programs for monitoring & tracking Climate Variability and its impacts, including capacity assessments
- Regional consensus achieved on mechanism for Climate Variability and Change data sharing.
- Online Multi country Information Sharing Platform on Climate Variability and Change monitoring data in coastal areas

In depth analysis of climate variability impacts

- Regional analyses of Climate Variability and Change impacts, with special focus on river deltas and on the identification of vulnerable areas/hotspots
- Assessment of environmental and socioeconomic impacts in 2 critically vulnerable sites, and evaluation of response options
- Regional assessment of socio-economic impacts of Climate Variability and Change and adaptation options in coastal zones

Capacity building & integration of climate dimension into ICZM

- Methodology and tools for mainstreaming climate variability considerations into national ICZM planning and practices developed considering synergy with other related national plans
- Integrated management plan developed in one of the demo projects locations
- Support to MedPartnership ICZM demonstration projects in Montenegro and Algeria with regard to Climate Variability and Change
- Existing inter-ministerial coordination mechanisms capacitated to mainstream climate issues into ICZM planning processes.
- Awareness raising, policy dialogue and capacity building for policy makers and stakeholders on implications of climate variability, ICZM protocol and other related national policies
- Regional assessment of Climate Change Adaptation for Mediterranean Coastal Zones and integration into policies/plans
- Project web site and further linkages with IW:Learn

THE BACKGROUND...

- The **Mediterranean Action Plan** and the **Barcelona Convention**...a coherent legal institutional and programmatic framework for cooperation
- **Barcelona Convention COP16 (2009):**
 - Coordination for integration of climate change in development policies & cooperation for adaptation strategies.
- **14th MCSD meeting (2011):**
 - Draft Adaptation Framework presented as work in progress.
- **Barcelona Convention COP18 (2013):**
 - Preparation of the Framework among targets in MAP Programme of Work 2014-15.

WHY A REGIONAL FRAMEWORK

- **Need for a cross-border collaborative and coordinated approach to adaptation**
 - climate risks extend well past territorial boundaries,
 - Currently, responses are short term reactive measures rather than long term strategies.
- **Med countries realized that their capacity for environmental and socio-economic resilience is hampered, inter alia, by**
 - limited knowledge on possible impacts, vulnerabilities and costs;
 - limited coordination at national & regional levels;
 - lack of awareness or consensus on policy options and possible response measures.

OBJECTIVE OF THE FRAMEWORK

- **To increase the resilience of Marine and Coastal areas in the Mediterranean**
- **Regional approach to coordinate and support stakeholders and policy makers to:**
 - mainstreaming adaptation in national and local planning;
 - Identify, exchange and implement best practices and low-regret measures;
 - promote leveraging of necessary funding;
 - exchange and access best available data, knowledge, assessments and tools on adaptation.

SCOPE OF THE FRAMEWORK

- The Mediterranean basin (22 Contracting Parties of the Barcelona Convention);
- Focus on marine and coastal areas;
- Focus on adaptation (i.e. not also on mitigation);
- Concise Policy document to be adopted by countries.



STRUCTURE OF THE FRAMEWORK

Vision: By 2025 the Marine and Coastal Areas of the Mediterranean countries and their communities have increased their resilience to the adverse impacts of climate variability

Str. Objective 1:

Promote appropriate institutional and policy frameworks, increase awareness and stakeholder engagement and enhance capacity building and cooperation

Str. Objective 2:

Identify, assess and implement best practices (including low regret measures) for effective and sustainable adaptation to climate change impacts.

Str. Objective 3:

Leverage existing and emerging finance mechanisms relevant to climate change adaptation, including international and domestic instruments

Str. Objective 4:

Better informed decision-making through research and scientific cooperation and improved availability and use of reliable data, information and tools.

STRATEGIC OBJECTIVE 4

Strategic Objective 4: Better informed decision-making through research and scientific cooperation and improved availability and use of reliable data, information and tools.

Oper. Objective 4.1:

To enhance the understanding of the vulnerability of natural and socioeconomic systems and sectors and of possible impacts

Oper. Objective 4.2:

To build capacities for and promote use of vulnerability and risk assessment at regional to local levels

Oper. Objective 4.3:

To strengthen science-policy interface by channeling and making accessible adaptation related knowledge

Oper. Objective 4.4:

To strengthen regional climate information at a resolution suitable for adaptation planning

STRATEGIC OBJECTIVE 4

Operational Objective 4.2: To build capacities for and promote use of vulnerability and risk assessment at regional to local levels

Priority fields of action:

- i. Understanding of the drivers, interactions, impacts and responses within the socioeconomic and environmental nexus.
- ii. Integrated risk and vulnerability models introducing socioeconomic feedbacks.
- iii. Economic valuations of the costs of climate change impacts on vulnerable sectors and hotspots.
- iv. Development of easy-to-use risk assessment methods such as index-based methods to be applied at regional, national and local levels.
- v. Technical assistance and capacity building activities to competent local and national institutions and civil society organizations for the monitoring of climate change impacts and assessing the cost of adaptation options.
- vi. Georeferencing of the Mediterranean Sea and coasts and their resources and threats.
- vii. Auditing of strategically important coastal assets and assessment of their vulnerability.
- viii. University Departments, curricula and modules on climate change issues and exchange programmes for adaptation scientists.

WAY FROWARD - NEXT STEPS

- The final draft has been submitted for endorsement to MAP FPs meeting in October (13-16 October 2015), in view of its submission for adoption to COP19 in February 2016;
- The final version of the Framework is complemented by a detailed background report providing an overview of the issues, the challenges and the current status regarding the adaptation to CC of the Med Marine and Coastal Areas; and
- By an analysis report of how the Framework's objectives and climate-related issues in general are already included or could be mainstreamed into the Protocols and other strategic instruments under the MAP;
- The Framework, together with the background report and the results of the above mentioned analysis, will provide a basis for discussion among the CPs to the convention on the need and strategies to translate into actions the priorities identified by the Framework.

Thank you for your attention

Merci pour votre attention

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<http://www.themedpartnership.org>



Strategic Partnership for the Mediterranean Sea Large Marine Ecosystem

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What is the MedPartnership

The Strategic Partnership for the Mediterranean Sea Large Marine Ecosystem (MedPartnership) is a collective effort of leading environmental institutions and organizations together with countries sharing the Mediterranean Sea to address the main environmental challenges that Mediterranean marine and coastal ecosystems face.

About Climate variability and ICZM

The "Integration of climatic variability and change into national strategies to implement the ICZM Protocol in the Mediterranean" project ("ClimVar & ICZM") is a collective effort to promote the use of Integrated Coastal Zone Management (ICZM) in countries sharing the Mediterranean as an effective tool to deal with the impacts of climate variability and change in