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**MEDITERRANEAN ACTION PLAN**
**UNEP/MAP GEF Strategic Partnership for the Mediterranean Sea Large Marine Ecosystem**

Fourth Steering Committee Meeting of the Strategic Partnership for the Mediterranean Sea Large Marine Ecosystem (MedPartnership)

17-20 February 2014, Hammamet, Tunisia

# DRAFT WORK-PLAN FOR THE "*INTEGRATION OF CLIMATIC VARIABILITY AND CHANGE INTO NATIONAL STRATEGIES TO IMPLEMENT THE ICZM PROTOCOL IN THE MEDITERRANEAN*" AND DETAILED 2014 WORK-PLAN AND LIST OF MEETINGS

Strategic Partnership for the Mediterranean Sea Large Marine Ecosystem
MedPartnership

*Together for the Mediterranean*

UNEP/MAP
Athens, 2014

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# Introduction

The "Integration of Climatic Variability and Change Into National Strategies to implement The ICZM Protocol In The Mediterranean" (ClimVar & ICZM) project was endorsed by GEF CEO in January 2012 and its Inception phase started two months later. It is regarded as a complementary 'sister' project to the MedPartnership. In May 2012 the 3rd Steering Committee of the MedPartnership held in Istanbul, adopted a "Roadmap" for the Inception Phase of the Project. A request was made for the project to widen its scope both in terms of thematic focus (in particular to include biodiversity issues and coordinate with SPA/RAC) and scope (to include not only the coastal zone but key watersheds). Also stressed was the need to thoroughly assess synergies with other relevant projects currently being implemented in the region, such as PEGASO, CLIM-RUN, CLIM-ADAPT, as well as UfM and EU led initiatives and programmes. The Inception phase was extended until October 2013, in parallel to execution of initial activities from mid 2012. The Inception phase, with completion of the Inception phase report, revised budget and this work-plan below is now concluded, pending approval at the 4th Steering Committee meeting of the MedPartnership and ClimVar & ICZM projects.

During the Inception phase national workshops will be held in most participating countries in order to identify existing climate monitoring programs and available data and select relevant indicators in view of developing a multi-country Information Sharing Platform and producing a Regional Synthesis Report. Agreement was reached with UNEP/GRID-Geneva to work with Plan Bleu for the development of the user friendly platform that will link to other databases and include environmental and socio-economic data as well as information on policy, assessments etc for the participating countries. Discussions were held with other project's within the region towards coordinating and possible joining forces in implementing relevant actions. Both demonstration projects: Sibenik-Knin county in Croatia, and Kerkennah islands in Tunisia were defined, and in 2013 the Croatian demonstration advanced significantly with several consultations workshops and meetings. Finally the 17th meeting of the Contracting Parties of the Barcelona Convention, held in Istanbul, Turkey (3-6 December 2013) adopted the 2014-2015 programme of work, including the activities of the MedPartnership and ClimVar & ICZM projects. Of particular interest is that the project will support UNEP/MAP in the finalization of the 2011 draft Regional Climate Change Adaptation Framework, which will be developed in close cooperation with UNEP/MAP and Plan Bleu's work for the revision of the Mediterranean Strategy on Sustainable Development (MSSD) planned in 2014. The framework will be finalized for adoption at the 19th Contracting Parties meeting in 2015.

Main activities planned for 2014, include within Component 1, the development of the Information and data platform, and agreements with participating countries on indicators to be used and data to be provided initially for the platform. The synthesis report on data availably and gaps will be completed following all national workshops. Within Component 2 work will advance in the two demonstration projects in Croatia and Tunisia. The contents of the assessment of environmental and socioeconomic impacts will be agreed, and an initial draft will be prepared by the end of the year. Also additional thematic reports will be agreed. Within Component 3 the guidelines on National ICZM Strategies and Plans with the climate change proofing tool will be drafted and a climate module to the online MedOpen ICZM training course will be initiated. Several capacity building actions will be implemented which include the a special event to the 2014 Coast Day, development of media packages, the

second workshop for Members of Parliament, and two regional trainings on geospatial data/spatial data infrastructure (SDI). An initial draft of the Regional Climate Change Adaptation Framework will be prepared in 2014 for discussion with national and regional experts as well as the Mediterranean Commission on Sustainable development.

The Inception Report including the present document will be discussed at the next Steering Committee, along with a proposal for a no-cost extension of the project in parallel to the MedPartnership project.

## Overall work-plan

## COMPONENT 1: ESTABLISHMENT OF A CLIMATE VARIABILITY & CHANGE INFORMATION SHARING PLATFORM

| Activities | Main outcomes: 2012-2013 | Main outcomes: 2014 | Main outcomes: 2015 |
|---|---|---|---|
| **Outcome 1.1. Multi-country data platform on climate research supports ICZM planning and management** | | | |
| **1.1.1. Assessment of regional and national programs for monitoring and tracking Climate Variability and Change and its impacts, including capacity assessments** | | | |
| 1.1.1.1. Identify existing climate monitoring programs and available data in each participating country, as well as options for data sharing in view of developing a multi-country Information sharing platform (Plan Bleu) | – 7 national workshops moderated and 7 reports available.<br>– The Dialogue focused on the data and monitoring programs on climate in order to provide inputs for the platform. | Workshop in Libya completed<br>Revision of all national reports based on results, in support of the regional synthesis (1.1.1.2 below) | [Completed by 30 March 2014] |
| 1.1.1.2. Regional synthesis of data availability and gaps as well as sharing options (Plan Bleu) | Initial TOC and first draft of the regional synthesis report | Finalization of the regional synthesis on “data availability and gaps” in Mediterranean region. | [Completed by 30 June 2014] |
| **1.1.2. Regional consensus achieved on mechanism for climate variability and change data sharing.** | | | |
| 1.1.2.1. Regional Consensus/validation of synthesis report (Plan Bleu) | | Regional Workshopby end of 2014 validates synthesis report | [Completed by end of 2014] |
| **1.1.3. Online Multi country Information Sharing Platform on climate variability and change monitoring data in coastal areas developed** | | | |
| 1.1.3.1. Identify a set of climate variability and change indicators (Plan Bleu and UNEP/MAP) | | Identifying of a set of Climate Variability indicators in line with ICZM protocol, EcAP and other climate indicators | |
| 1.1.3.2. The Online Multi-country Information Sharing Platform on climate monitoring data (Plan Bleu and UNEP GRID Geneva/University of Geneva) | Preparation of the legal agreement for the development of the online Multi-country Information Sharing Platform on CVC monitoring data between Plan Bleu and UniGe (University of Geneva) | Develop the Online Multicounty Information Sharing Platform on CV&C monitoring data (MedICIP platform) containing a Spatial Data Infrastructure (SDI), an online Mapping interface, and a reference information database | |
| 1.1.3.3. Testing and improving the Information Sharing Platform (Plan Bleu and UNEP GRID Geneva/University of Geneva) | | Evaluation and improvement of the platform based on feedbacks from capacity building workshop participants (see activity 3.2.2.5) | |

## COMPONENT 2: STRENGTHENING THE KNOWLEDGE BASE ON REGIONAL CLIMATE VARIABILITY AND CHANGE

| Activities | Main outcomes: 2012-2013 | Main outcomes: 2014 | Main outcomes: 2015 |
|---|---|---|---|
| **Outcome 2.1. Improved understanding of Climate Variability and Change in the Mediterranean basin, enables countries to assess likely impacts on the coastal environment** | | | |
| **2.1.1. Regional analyses of Climate Variability and Change impacts in terms of sea level rise and storm surges, of changes in water characteristics and marine acidification, and with special focus on river deltas and on the identification of vulnerable areas/hotspots** | | | |
| 2.1.1.1: Develop a methodology for the regional analysis of physical and socio-economic impacts of Climate Variability and Change (Plan Bleu) | | – Drafting of the ToRs for a consultant<br>– Selection of a consultant | Deliverable of the methodology about "Physical impacts of CV&C and identify their consequences for ecosystems and identify vulnerable zones" |
| 2.1.1.2. Collection of data on indicators on physical impacts of Climate Variability and Change at regional level (Plan Bleu) | | – Agreements with national institutions on the providing of data<br>– Collection of data on indicators on physical impacts of CV&C at regional level | |
| 2.1.1.3. Analysis of data on environmental and socio-economic impacts of Climate Variability and Change and identify their consequences for ecosystems and human activities and identify vulnerable activities (Plan Bleu) | | – ToC agreed with partners;<br>– Draft Report on the environmental and socio-economic impacts of climate variability and change, discussed in regional work-shop | Final Report presented to the 19th CP of the Barcelona Convention for adoption |
| **2.1.2. Assessment of environmental and socioeconomic impacts in two critically vulnerable sites, and evaluation of response options** | | | |
| 2.1.2.1. Croatia demonstration: Developing, upgrading and combining tools; implementation of the project; dissemination of results (PAP/RAC & Plan Bleu) | - Definition of criteria for the selection of the pilot sites. Invitation to the countries to apply for pilots<br>- Croatia selected for DIVA; Šibenik-Knin County (SKC) selected for downscaling<br>- Development of "Climagine" methodology<br>- Selection of a Croatian expert to implement "Climagine" with Plan Bleu | - Implementation of the 3rd "Climagine" workshop and build contrasting scenarios of vulnerability and adaptation paths in Sibenik-Knin pilot case<br>- Adjustment and upgrading of the DIVA model to the national | - Produce a users' guide on the "Climagine " methodology<br>- Presentation and discussion of results: proposal of strategic recommendations in a view of the elaboration of an ICZM plan for Sibenik-Knin county. |

| Activities | Main outcomes: 2012-2013 | Main outcomes: 2014 | Main outcomes: 2015 |
|---|---|---|---|
| | - Training of the consultant of "Climagine"<br>- Implementation of the 2 "Climagine" workshops (April 2013 and November 2013)<br>- Data collection for DIVA modeling undertaken by by PAP/RAC<br>- First draft results of DIVA for Croatia and downscaling for ŠKŽ presented at the expert meeting, Split, November4-5 | scale<br>Final DIVA results<br>Final downscaling for SKC<br>-Meeting to present the DIVA Croatia and downscaled SKC results | - Guidelines on the assessment of CVC impacts |
| 2.1.2.2. Tunisia demonstration: Developing, upgrading and combining tools; implementation of the project; dissemination of results (PAP/RAC, Plan Bleu, GWP-Med & UNEP GRID-Geneva. | - Identification of Tunisian demonstration case: Kerkennah islands<br>-Drafting of the MoU and ToR for a Tunisian consultant in order to implement "Climagine" in Kerkennah.<br>- Identification of key institutions and data collection process initiated in close cooperation with APAL (Tunisian Coastal Planning Agency) the Tunisian PAP/RAC's Focal Point,<br>- Meeting with ClimVar partners in Tunisia (October 2013) where a closer cooperation with the DIVA experts was deemed essential to develop a model in coherence with the national data available and assumptions on CV&C impacts,<br>- FTP website created to be used as a data sharing platform. | - Implementation of the 2 first "Climagine" workshops<br>- Further data collection to initiate the downscaling of DIVA for Tunisia<br>- Meeting between DIVA and national Tunisian experts, presentation of the first results and Tunisian segmentation, and discussion towards a more accurate modelisation | - Implementation of the last "Climagine" workshop.<br>- Presentation of final RiVAMP model's results.<br>- Presentation and discussion of results: proposal of strategic recommendations in a view of the revision of local plan for Kerkennah islands.<br>- Presentation and discussion of the DIVA results to the Tunisian experts at local and national level. |
| **2.1.3. Regional assessment of socio-economic impacts of Climate Variability and Change and adaptation options in coastal zones for various scenarios** | | | |
| 2.1.3.1. In-depth analysis of Impacts of Climate Change in specific hotspots or sectors (to be identified) (Plan Bleu) | | Identification of key climate variability and change sectors/topics for in-depth analysis | In-depth reports (2-4) on thematic issues on t that assess socio-economic impacts of climate change |

## COMPONENT 3: SUPPORT TO ICZM PROTOCOL IMPLEMENTATION AND CAPACITY BUILDING

| Activities | Main outcomes: 2012-2013 | Main outcomes: 2014 | Main outcomes: 2015 |
|---|---|---|---|
| **3.1. Science based methodological approach enables countries to integrate climate variability and change issues into ICZM policies, plans and programs** | | | |
| **3.1.1. Methodology and tools for mainstreaming climate variability considerations into national ICZM planning and practices developed considering synergy with other related national plans (IWRM, NSSD, CCA, etc)** | | | |
| 3.1.1.1. Updating Guidelines on National ICZM Strategies and Plans with the climate change proofing tool (PAP/RAC) | | Draft Guidelines | Final guidelines |
| 3.1.1.2. Meeting of the DIVA / ClImagine experts with the IWG of MedPartnership (PAP/RAC & Plan Bleu) | | Expert meeting held | Decisions implemented in the relevant documents |
| 3.1.1.3. Developing on-line module for the Climate Variability and Change to be integrated into MedOpen – virtual ICZM course (PAP/RAC) | | On-line training course under development | On-line training course developed<br>Run with the live support implemented |
| **3.1.2. Integrated management plan developed in one of the locations identified in the activity 2.1.2.1.** | | | |
| 3.1.2.1: Drafting of Integrated Management Plan integrating Climate Variability and Change issues (PAP/RAC) | Site selected: Šibenik-Knin County, Croatia<br>National team established<br>Inception meeting<br>Scoping Report | Stakeholder Analysis<br>Communication Strategy<br>1st harmonization meeting<br>Analysis Report<br>Draft ICZM Plan<br>- Presentation Conference<br>Final ICZM Plan | - Final documents disseminated for replication/ implementation<br>- National capacities built to prepare the ICZM Plans |
| **3.1.3. Provide support to MedPartnership ICZM demonstration projects in Montenegro and Algeria with regard to Climate Variability and Change** | | | |
| 3.1.3.1. Coastal plan in Reghaia; Trans boundary Integrated management coastal plan in Buna/Bojana; and National ICZM strategies in Montenegro and in Algeria (PAP/RAC) | ToRs defined, consultants selected and contracted to add the climate issues into National ICZM Strategies in Algeria and in Montenegro. | Reports completed. Climate issues integrated into National ICZM Strategies | |
| **3.2. Increased knowledge, capacity and awareness improve inter-sectoral coordination in mainstreaming climate variability and change issues into ICZM Protocol implementation process** | | | |
| **3.2.1.: Existing inter-ministerial coordination mechanisms capacitated to mainstream climate variability and change issues into ICZM planning processes.** | | | |
| 3.2.1.1. Facilitating inter-ministerial coordination (IMC) for incorporating Climate Variability and Change issues into | Montenegro and Croatia established IMC's for the purpose of the MedPartnership and future ICZM implementation. | IMC's in 2-4 countries established within MedPartnership also address climate variability and | IMC reports with recommendations for mainstreaming climate issues into |

| Activities | Main outcomes: 2012-2013 | Main outcomes: 2014 | Main outcomes: 2015 |
|---|---|---|---|
| ICZM (UNEP/MAP) | | recommend policy/legislative reforms, and integration into national planning | ICZM and national planning |
| **3.2.2. Awareness raising, policy dialogue and capacity building for Policy makers and stakeholders in participating countries on implications of climate variability, ICZM protocol and other related national policies** | | | |
| 3.2.2.1. Assessment of the banking and insurance sector (PAP/RAC) | | ToR defined<br>Consultant selected and contracted | Assessment completed<br>Article disseminated |
| 3.2.2.2. Preparing central Coast Day 2013 with the theme of Climate Variability and Change (PAP/RAC) | | Ambassador for the coast chosen<br>Video clip developed<br>Coast Day campaign prepared and implemented | |
| 3.2.2.3. Developing media packages (PAP/RAC) | | Media package partly developed containing ppt, poster, bookmark, stickers and CDs for distribution | Media package completed |
| 3.2.2.4. Regional Workshop for Members of Parliaments and Media on climate variability and change with emphasis on interlinked ICZM and IWRM issues (GWP-Med) | Capacity developed and policy dialogue facilitated at Regional Workshop for Parliamentarians, Media and Civil Society on Climate Variability and Change in Mediterranean Coastal Areas(Athens, November 2013) organized | Capacity developed and policy dialogue facilitated at Regional Workshop for Parliamentarians, Media and Civil Society on Climate Variability and Change in Mediterranean Coastal Areas (December 2014) | |
| 3.2.2.5. Contribute to build capacity and advance policy dialogue on climate variability and change with emphasis on ICZM and IWRM issues (GWP-Med, UNEP/MAP & UNEP GRID Geneva) | Regional Workshop on Water and Climate Change Adaptation (April 2012) led by UNECE: exchange of best practices | 2 sub-regional workshops in Tunisia and Turkey to train 30-50 technical experts on geospatial data/spatial data infrastructure (SDI), and present the prototype of the MedICIP platform (activity 1.1.3.2) to gather feedbacks, coupled with training on tools to calculate coastal set back zone (within the context of the ICZM Protocol) | Technical experts implement training to provide data to the Climate platform (activity 1.1.3.2) and run models to calculate set-back zone in a key locations |
| 3.2.2.6. Assessment of Non-Regret Policies and Actions for Climate Variability and | | Non-Regret Policies and Actions for Climate Variability and | |

| Activities | Main outcomes: 2012-2013 | Main outcomes: 2014 | Main outcomes: 2015 |
|---|---|---|---|
| Change in relation to water and the coastal area in the Mediterranean (GWP-Med) | | Change in relation to water and the coastal area in the Mediterranean assessed and provide background for policy making | |
| **3.2.3. Regional assessment of Climate Change Adaptation for Mediterranean Coastal Zones and integration into policies/plans** | | | |
| 3.2.3.1. Policy document including recommendations for integrating climate variability considerations into marine and coastal zone planning (UNEP/MAP) | Contracting Parties adopts 2014-2015 work-plan and the finalization of the Climate Change Adaptation Framework | Building upon the 2011 draft framework and the results from Plan Bleu's climate assessments, draft Framework to be revised in consultation with national experts and MSSD | Final Adaptation Framework presented at MAP FP and 19 CP for adoption |
| **3.3. Project experience and lessons disseminated to larger IW community** | | | |
| **3.3.1. Communication, dissemination, linkages with IW:Learn** | | | |
| 3.3.1.1. Project web site, communication, dissemination and contributing to IW LEARN (UNEP/MAP) | MedPartnership web-site and Annual Reports incorporate Climate Variability projects news and planned meetings/activities.<br><br>Brief description of the project drafted in English and French and shared with partners. | - Brochure of the Climate Variability project finalized (English/French)<br>- MedPartnership Ipad and web-site fully updated with sections related to the project<br>- Climate Variability used as test case for development of IW-Learn tool on incorporating climate variability into IW projects<br>- Twinning with one other IW project (to be decided)<br>- Project showcased in 2-5 regional and global meetings (i.e. UfM Ministerial meeting, May 2015) | Climate Variability project showcased at several regional/international meetings including GEF IW Conference (Oct 2015)<br><br>Final lessons learned document published<br><br>One or more additional publications prepared for scientific journals. |

## COMPONENT 4: PROJECT MANAGEMENT

| Activities | Main outcomes: 2012-2013 | Main outcomes: 2014 | Main outcomes: 2015 |
|---|---|---|---|
| **4.1 Project implemented effectively and efficiently to the satisfaction of partners** | | | |
| 4.1.1. Capable human resources, consultation and Efficient systems support project implementation (UNEP/MAP) | Inception Report defined that MedPartnership PMU will manage the Climate Variability project (time allocated by project manager, marine and coastal expert, communication officer, administration assistants), with the support of one consultant/climate variability expert. | Full project management team ensure smooth project implementation | Project management team to remain until mid 2015 and will then be reduced until successful closure of project |
| 4.1.2. Monitoring and advisory mechanisms support project implementation (UNEP/MAP) | Monitoring through Project Implementation Review (PIR) and Annual Reports. Detailed work-plan developed for 2014 with quarterly targets.<br><br>Inception phase (March 2012 – September 2013) revised and further detailed project activities in line with more recent regional and national projects and initiatives (in parallel to execution of the 2013 work-plan). Advisory mechanisms through executing partners and MedPartnership Steering Committee during the Inception phase. | Advisory panel established of regional/international experts on Climate Variability.<br><br>Monitoring through (PIR) and Annual Reports.<br><br>Detailed work-plan developed for 2015 with quarterly targets. | Final PIR and Final Reports/expenditures reports prepared.<br><br>Lessons learned publication finalized, broadly disseminated and presented at regional meetings including the 19 CP of the Barcelona Convention.<br><br>Independent Final Evaluation initiated and completed |

## Detailed Work-plan for 2014: Outputs by quarter

## COMPONENT 1: ESTABLISHMENT OF A CLIMATE VARIABILITY & CHANGE INFORMATION SHARING PLATFORM

| Activities | Jan-March Outputs | April-June Outputs | July-Sept Outputs | Oct-Dec 2014 Outputs |
|---|---|---|---|---|
| **Outcome 1.1. Multi-country data platform on climate research supports ICZM planning and management** | | | | |
| **1.1.1. Assessment of regional and national programs for monitoring and tracking Climate Variability and Change and its impacts, including capacity assessments** | | | | |
| 1.1.1.1. Identify existing climate monitoring programs and available data in each participating country, as well as options for data sharing in view of developing a multi-country Information sharing platform (Plan Bleu) | One more national workshop for Libya.<br>TBC | | | |
| 1.1.1.2. Regional synthesis of data availability and gaps as well as sharing options (Plan Bleu) | Updating of the regional synthesis with Algeria and Egypt workshops which took place in November 2013. | | | |
| **1.1.2. Regional consensus achieved on mechanism for climate variability and change data sharing.** | | | | |
| 1.1.2.1. Regional Consensus/validation of synthesis report (Plan Bleu) | | Organization of a one day regional meeting in Plan Bleu premises in order to validate the regional synthesis. | | |
| **1.1.3. Online Multi country Information Sharing Platform on climate variability and change monitoring data in coastal areas developed** | | | | |
| 1.1.3.1. Identify a set of climate variability and change indicators and preparation of the Terms of Reference for the Online Multi Country Information Sharing Platform on climate variability and change monitoring data (Plan Bleu and UNEP/MAP) | Identification of a first core set of indicators based on regional reports (which identified issues to be measured per country) and the articles of the ICZM protocol. | Proposal of the core set | Validation of the core set | |
| 1.1.3.2. The Online Multi-country Information Sharing Platform on | Uptaking of information and data from national workshops held in 2013. | Second phase of the design and development of the | Test of the platform | |

| Activities | Jan-March Outputs | April-June Outputs | July-Sept Outputs | Oct-Dec 2014 Outputs |
|---|---|---|---|---|
| climate monitoring data (Plan Bleu and UNEP GRID Geneva/University of Geneva) | First phase of the design and development of the platform. | platform ended by a fully functional prototype. Preparation and finalization of material for the 2 sub-regional workshops | | |
| 1.1.3.3. Testing and improving the Information Sharing Platform (Plan Bleu and UNEP GRID Geneva/University of Geneva) | | | Test of the platform. | Adjustments from countries' recommendations. Validation of the platform by countries. Release of the final version of MedICIP. |

## COMPONENT 2: STRENGTHENING THE KNOWLEDGE BASE ON REGIONAL CLIMATE VARIABILITY AND CHANGE

| Activities | Jan-March Outputs | April-June Outputs | July-Sept Outputs | Oct-Dec 2014 Outputs |
|---|---|---|---|---|
| **Outcome 2.1. Improved understanding of Climate Variability and Change in the Mediterranean basin, enables countries to assess likely impacts on the coastal environment** | | | | |
| **2.1.1. Regional analyses of Climate Variability and Change impacts in terms of sea level rise and storm surges, of changes in water characteristics and marine acidification, and with special focus on river deltas and on the identification of vulnerable areas/hotspots** | | | | |
| 2.1.1.1: Develop a methodology for the regional analysis of physical and socio-economic impacts of Climate Variability and Change (Plan Bleu) | Finalization of the common understanding of the deliverable expected between UNEP MAP and Plan Bleu<br>Drafting of the ToRs for a selection of a consultant | | | Validation of the report |
| 2.1.1.2. Collection of data on indicators on physical impacts of Climate Variability and Change at regional level (Plan Bleu) | | Work closely done with UniGe and the development of the platform. | | |
| 2.1.1.3. Analysis of data on environmental and socio-economic | | Identification of key climate variability and change | | In-depth reports (2-4) on thematic issues on t that |

| Activities | Jan-March Outputs | April-June Outputs | July-Sept Outputs | Oct-Dec 2014 Outputs |
|---|---|---|---|---|
| impacts of Climate Variability and Change and identify their consequences for ecosystems and human activities and identify vulnerable activities (Plan Bleu) | | sectors/topics for in-depth analysis | | assess socio-economic impacts of climate change |
| **2.1.2. Assessment of environmental and socioeconomic impacts in two critically vulnerable sites, and evaluation of response options** | | | | |
| 2.1.2.1. Croatia demonstration: Developing, upgrading and combining tools; implementation of the project; dissemination of results (PAP/RAC & Plan Bleu). | - Implementation of the 3rd "Climagine" workshop and build contrasting scenarios of vulnerability and adaptation paths in Sibenik-Knin pilot case<br>- Adjustment and upgrading of the DIVA model to the national scale | Final DIVA results<br>Final downscaling for SKC<br>-Meeting to present the DIVA Croatia and downscaled SKC results | | Draft guideline for assessment of environmental and socio-economic impacts of CVC in the coastal zone |
| 2.1.2.1. Tunisia demonstration: Developing, upgrading and combining tools; implementation of the project; dissemination of results (PAP/RAC, Plan Bleu, GWP-Med & UNEP GRID-Geneva). | - Data collection<br>- Implementation of the first "Climagine" workshop | Meeting to discuss draft coastal segmentation and first estimates | Additional data collection | - Implementation of the second "Climagine" workshop<br>- Additional data collection |
| **2.1.3. Regional assessment of socio-economic impacts of Climate Variability and Change and adaptation options in coastal zones for various scenarios** | | | | |
| 2.1.3.1. In-depth analysis of Impacts of Climate Change in specific hotspots or sectors (to be identified) (Plan Bleu) | Finalization of the common understanding of the deliverable expected between UNEP MAP and Plan Bleu<br>Drafting of the ToRs for a selection of a consultant | | | Validation of the report |

## COMPONENT 3: SUPPORT TO ICZM PROTOCOL IMPLEMENTATION AND CAPACITY BUILDING

| Activities | Jan-March Outputs | April-June Outputs | July-Sept Outputs | Oct-Dec 2014 Outputs |
|---|---|---|---|---|
| **3.1. Science based methodological approach enables countries to integrate climate variability and change issues into ICZM policies, plans and programs** | | | | |
| **3.1.1. Methodology and tools for mainstreaming climate variability considerations into national ICZM planning and practices developed considering synergy with other related national plans (IWRM, NSSD, CCA, etc)** | | | | |
| 3.1.1.1. Updating Guidelines on National ICZM Strategies and Plans with the climate change proofing tool (PAP/RAC & GWP-Med) | | | | Draft update of the Guidelines |
| 3.1.1.2. Meeting of the DIVA / ClImagine experts with the IWG of MedPartnership (PAP/RAC & Plan Bleu) | | | | Meeting |
| 3.1.1.3. Developing on-line module for the Climate Variability and Change to be integrated into MedOpen – virtual ICZM course (PAP/RAC) | | | Selecting experts<br>Contracting consultant<br>Building structure | First draft materials |
| **3.1.2. Integrated management plan developed in one of the locations identified in the activity 2.1.2.1.** | | | | |
| 3.1.2.1: Drafting of Integrated Management Plan integrating Climate Variability and Change issues (PAP/RAC) | Stakeholder Analysis<br>Communication Strategy | 1st harmonization meeting<br>Analysis Report | Draft ICZM Plan<br>Presentation Conference | Final ICZM Plan |
| **3.1.3. Provide support to MedPartnership ICZM demonstration projects in Montenegro and Algeria with regard to Climate Variability and Change** | | | | |
| 3.1.3.1. Coastal plan in Reghaia; Trans boundary Integrated management coastal plan in Buna/Bojana; and National ICZM strategies in Montenegro and in Algeria (PAP/RAC) | Finalizing sectoral outputs | National ICZM Strategy Algeria with CVC aspects integrated | National ICZM Strategy Montenegro with CVC aspects integrated<br>TB IMP Plan with CVC aspects integrated | |
| **3.2. Increased knowledge, capacity and awareness improve inter-sectoral coordination in mainstreaming climate variability and change issues into ICZM Protocol implementation process** | | | | |
| **3.2.1.: Existing inter-ministerial coordination mechanisms capacitated to mainstream climate variability and change issues into ICZM planning processes.** | | | | |

| Activities | Jan-March Outputs | April-June Outputs | July-Sept Outputs | Oct-Dec 2014 Outputs |
|---|---|---|---|---|
| 3.2.1.1. Facilitating inter-ministerial coordination for incorporating Climate Variability and Change issues into ICZM | Discussions on next steps for establishing interministerial committees at the 4th SC of the MedPartnership | Countries propose for establishment of interministerial committees | Legal agreements prepared to support the interministerial meeting (funded by MedPartnership) | |
| **3.2.2. Awareness raising, policy dialogue and capacity building for Policy makers and stakeholders in participating countries on implications of climate variability, ICZM protocol and other related national policies** | | | | |
| 3.2.2.1. Assessment of the banking and insurance sector (PAP/RAC & GWP-Med) | | Developing ToR<br>Selecting and contracting consultant | | Draft assessment |
| 3.2.2.2. Preparing central Coast Day 2013 with the theme of Climate Variability and Change (PAP/RAC) | Selecting country for central Coast Day celebration<br>Identifying local partner<br>Launching preparation of the video clip | Contracting local partner<br>Identifying other stakeholders<br>Developing video clip<br>Preparing program | Sending invitations<br>Promoting video<br>Implementing campaign | Report on the Coast Day campaign |
| 3.2.2.3. Developing media packages (PAP/RAC) | Preparing inputs | Developing media package containing a power-point presentation, poster, bookmark, stickers, special CD and a USB stick for distribution | Media package ready | |
| 3.2.2.4. Regional Workshop for Members of Parliaments and Media on climate variability and change with emphasis on interlinked ICZM and IWRM issues (GWP-Med) | | | | Workshop to discuss related challenges, priority responses and the role of Parliamentarians and Media |
| 3.2.2.5. Contribute to build capacity and advance policy dialogue on climate variability and change with emphasis on ICZM and IWRM issues (GWP-Med, UNEP/MAP & UNEP GRID Geneva) | | | 2 sub-regional workshops in Tunisia and Turkey to train 30-50 technical experts on geospatial data/spatial data infrastructure (SDI),and to present the prototype of MedICIP platform- to gather feedbacks, coupled with training on tools to calculate | |

| Activities | Jan-March Outputs | April-June Outputs | July-Sept Outputs | Oct-Dec 2014 Outputs |
|---|---|---|---|---|
| | | | coastal set back (within the context of the ICZM Protocol | |
| 3.2.2.6. Assessment of Non-Regret Policies and Actions for Climate Variability and Change in relation to water and the coastal area in the Mediterranean (GWP-Med) | | Draft Assessment prepared | Assessment finalized | |
| **3.2.3. Regional assessment of Climate Change Adaptation for Mediterranean Coastal Zones and integration into policies/plans** | | | | |
| 3.2.3.1. Policy document including recommendations for integrating climate variability considerations into marine and coastal zone planning | 2011 Draft Climate Change Adaptation Framework reviewed with earlier comments/recommendations by MCSD and CP's<br>Scope and scale of the report, as well as ToC agreed | Research, consultations and drafting. | First draft completed and sent out for review comments. | Revision, and further inclusion of results and analysis from the project. |
| **3.3. Project experience and lessons disseminated to larger IW community** | | | | |
| **3.3.1. Communication, dissemination, linkages with IW:Learn** | | | | |
| 3.3.1.1. Project web site, communication, dissemination and contributing to IW LEARN | Climate Variability used as test case for development of IW-Learn tool on incorporating climate variability into IW projects | Brochure of the Climate Variability project finalized (English/French)<br>MedPartnership Ipad and web-site fully updated | Twinning with one other IW project (to be decided) | Project showcased in regional and global meetings |

## COMPONENT 4: PROJECT MANAGEMENT

| Activities | Jan-March Outputs | April-June Outputs | July-Sept Outputs | Oct-Dec 2014 Outputs |
|---|---|---|---|---|
| **4.1 Project implemented effectively and efficiently to the satisfaction of partners** | | | | |
| 4.1.1. Capable human resources, consultation and Efficient systems support project implementation | Full project team in place/ongoing<br>4th Steering Committee (February 2014, Tunisia) discusses for adoption Climate Variability Inception Report, work-plan and budget | Full project team in place/ongoing | Full project team in place/ongoing | Full project team in place/ongoing |
| 4.1.2. Monitoring and advisory | | Advisory panel established | Project Implementation | 2014 Annual Report |

| | | | |
|---|---|---|---|
| mechanisms support project implementation | of regional/international experts on Climate Variability. | Review completed | finalized.<br><br>Detailed work-plan developed for 2015 with quarterly targets |

## Climate Variability: Project meetings for 2014

| | Partner | Title | Brief description | Event location | Dates | Event type[1] | Organizer | Participants | Contact details (name, email, web-site) |
|---|---|---|---|---|---|---|---|---|---|
| **Outcome 1.1. Multi-country data platform on climate research supports ICZM planning and management** | | | | | | | | | |
| 1. | Plan Bleu | Regional workshop to present a synthesis of data availability and gaps as well as sharing options | Validation of information coming from 7 national workshops. The meeting allows fostering discussions towards a consensus on climate variability and change data sharing. The report will give a comprehensive overview of the state of information sources in the region related to climate variability and change and an assessment of what sources will be appropriate for inclusion in the regional climate variability and change platform. | Plan Bleu premises | May-June | Regional meeting | Plan Bleu | 2 representatives per country are expected. | |
| 2. | Plan Bleu | National Workshop in Libya | The national workshop should allow to identify data related to CVC in coastal zone area an which institutions are in charge of the hosting and updating of those data. Data sharing options should also be discussed. | Tripoli, Libya | Expected in February-March | National meeting | Plan Bleu and Libyan institution (EGA) (not defined yet). | 10-15 experts in the field of CVC and IZCM | |
| **Outcome 2.1. Improved understanding of Climate Variability and Change in the Mediterranean basin, enables countries to assess likely impacts on the coastal environment** | | | | | | | | | |

[1] meeting, conference, seminar, exhibition, workshop etc

| | Partner | Title | Brief description | Event location | Dates | Event type[1] | Organizer | Participants | Contact details (name, email, web-site) |
|---|---|---|---|---|---|---|---|---|---|
| 3. | PB | "Climagine 3" Croatia | The third "Climagine" workshop focuses on the elaboration of contrasted scenarios of vulnerability and adaptation paths. On the basis of the DIVA outputs (maps and scenarios) after running the model, will be dedicated to show stakeholders what are the results, recommendations and what it is possible to analysis with DIVA model. | Sibenik | April-May | Workshop | PAP RAC, Plan Bleu and Sibenik municipality | Around 50 participants: experts, representatives of universities, ministries, NGOs, … | |
| 4. | PB | "Climagine 1" Tunisia | The first workshop of "Climagine" focuses on the analysis and understanding of the current socio-economic system. The potentially interesting outputs of "Climagine" are a description of the socio-economic system and the identification of the main drivers and priority issues and for that, "rich pictures" will be drawn. | Expected in Tunis and Kerkennah | March-April | Workshop | GWP-Med and Plan Bleu | Experts, representatives of universities, ministries, NGOs, … | |

| | Partner | Title | Brief description | Event location | Dates | Event type[1] | Organizer | Participants | Contact details (name, email, web-site) |
|---|---|---|---|---|---|---|---|---|---|
| 5. | PB | "Climagine 2" Tunisia | The second "Climagine" workshop allows to define assumptions of scenarios. From them some recommendations will be elaborated. In that way, the scientific results would be processed by the stakeholders involved.<br>With the combined methodologies (RiVAMP and "Climagine") it will be possible to propose a first evaluation and approximation of the costs of potential damage and response actions for these scenarios.<br>Through RiVAMP model, the role played by ecosystem for mitigating Climate Change and adaptation options will be assessed. | Expected in Kerkennah | November | Workshop | GWP-Med and Plan Bleu | Experts, representatives of universities, ministries, NGOs, … | |
| 6. | PAP/RAC | Progress meeting on ICZM Plan for Šibenik County | Presenting progress in diagnostic analysis and discussing open issues with the governmental representatives | Šibenik, County ŠK | 15/01/2014 | Meeting | PAP/RAC | ICZM Plan team, Regional Government, PAP/RAC | daria.povh@ppa.t-com.hr |
| 7. | PAP/RAC | Meeting to harmonize local assessment of the climate variability and change costs and ICZM Plan | Harmonization of the two teams and identification of particular needs and issues for integration | Split, PAP/RAC | 16/01/2014 | Meeting | PAP/RAC | ICZM Plan team, Local assessment experts, PAP/RAC | daria.povh@ppa.t-com.hr |
| 8. | PAP/RAC | Harmonization workshop on ICZM Plan / Climagine 3 | Presenting Diagnostic Analysis | Šibenik, County ŠK | March 2014 | Workshop | PAP/RAC and SKC | Regional Government, institutions, organizations, NGOs, businesses, academia, media, PAP/RAC | daria.povh@ppa.t-com.hr |

| | Partner | Title | Brief description | Event location | Dates | Event type[1] | Organizer | Participants | Contact details (name, email, web-site) |
|---|---|---|---|---|---|---|---|---|---|
| 9. | PAP/RAC | Meeting to present initial results of the assessment of the costs of climate variability & change for the Tunisian coast | Presenting initial DIVA results | Tunisia | May 2014 | Meeting | PAP/RAC and | Representatives of different ministries, experts, PAP/RAC | sylvain.petit@ppa.t-com.hr |
| 10. | PAP/RAC | Final presentation conference on ICZM Plan for SC County | | Šibenik | September 2014 | Conference | PAP/RAC and SKC | Regional Government, institutions, organizations, NGOs, businesses, academia, media, PAP/RAC | daria.povh@ppa.t-com.hr |
| 11. | PAP/RAC | Regional workshop to present socio-economic assessment of CVC costs | Workshop to present DIVA and LA results and methodology used | | November 2014 | Workshop | PAP/RAC | Nominated representatives of the MoEs from all coutnries | daria.povh@ppa.t-com.hr |
| 12. | GWP-Med-PB/RAC | National Meeting (back to back with the first consultation workshop) | Gather representatives of the various divisions of the Ministry of Environment, data providers and key stakeholders playing a role at the national level to present the project, understand the context, agree upon the drivers of ecosystems degradation and discuss the already existing solutions | Tunis, Tunisia | Mid-March 2014 | Meeting | GWP-Med & PB/RAC | National key stakeholders playing a role at central level | Dr. Sarra Touzi sarra@gwpmed.org Antoine Laffite alafitte@planbleu.org |
| 13. | | First consultation workshop | First consultation workshop gathering national as well as local stakeholders in order to identify drivers of ecosystems degradation and reach a consensus on the prioritization of solution dimensions (eg: fishery, waste management, wastewater treatment, CC / sea level rise) | Kerkennah, Tunisia | Mid-March 2014 | Workshop | GWP-Med & PB/RAC | National and local key stakeholders from national and local authorities as well as civil society, private sector and academia | Dr. Sarra Touzi sarra@gwpmed.org Antoine Laffite alafitte@planbleu.org |

| | Partner | Title | Brief description | Event location | Dates | Event type[1] | Organizer | Participants | Contact details (name, email, web-site) |
|---|---|---|---|---|---|---|---|---|---|
| 14. | | Second consultation workshop | Present RiVAMP modelling outcomes, define solution scenarios assumptions on prioritized dimensions and elaborate some preliminary recommendations | Kerkennah, Tunisia | Mid-October 2014 | Workshop | GWP-Med & PB/RAC | Participants to the first consultation workshop representing national and local key stakeholders from national and local authorities as well as civil society, private sector and academia | Dr. Sarra Touzi sarra@gwpmed.org Antoine Laffite alafitte@planbleu.org |
| 15. | | Third consultation workshop | Present final results of RiVAMP modelling and solution scenarios on priority dimensions agreed upon during the first workshop; and set-up strategic and policy recommendations to be integrated on development and management planning. | Kerkennah, Tunisia | End March 2015 | Workshop | GWP-Med & PB/RAC | Participants to the first and second consultation workshop | Dr. Sarra Touzi sarra@gwpmed.org Antoine Laffite alafitte@planbleu.org |
| **Outcome 3.2. Increased knowledge, capacity and awareness improve inter-sectoral coordination in mainstreaming climate variability and change issues into ICZM Protocol implementation process** | | | | | | | | | |
| 16. | GWP-Med | Sub-regional Training Workshop on geospatial data/spatial data infrastructure (SDI) | Present prototype of MedICIP platform and gather feedbacks, coupled with training on tools to calculate coastal set back within the context of the ICZM Protocol | Tunisia | Autumn 2014 | Training Workshop | UNEP GRID and GWP-Med | 30-50 technical experts from French speaking countries | Nicolas Ray, UNEP GRID, nicolas.ray@unige.ch andVangelis Constantianos, GWP-Med, Vangelis@gwpmed.org |
| 17. | | Sub-regional Training Workshop on geospatial data/spatial data infrastructure (SDI) | Present prototype of MedICIP platform and gather feedbacks, coupled with training on tools to calculate coastal set back within the context of the ICZM Protocol | Istanbul | Autumn 2014 | Training Workshop | UNEP GRID and GWP-Med | 30-50 technical experts from English speaking countries | Nicolas Ray, UNEP GRID, nicolas.ray@unige.ch andVangelis Constantianos, GWP-Med, Vangelis@gwpmed.org |

| | Partner | Title | Brief description | Event location | Dates | Event type[1] | Organizer | Participants | Contact details (name, email, web-site) |
|---|---|---|---|---|---|---|---|---|---|
| 18. | GWP-Med | Regional Workshop for Parliamentarians, Media and Civil Society on Climate Variability and Change in Mediterranean Coastal Areas | Discuss related challenges, priority responses and the role of Parliamentarians and Media | To be decided | December 2014 | Workshop | GWP-Med, and MIO-ECSDE in the COMPSUD framework | MPs, media and civil society representatives | Vangelis Constantianos, GWP-Med, Vangelis@gwpmed.org |