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MEDITERRANEAN ACTION PLAN

Meeting of MAP Focal Points

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Programme of work and Budget for the 2010-2011 biennium

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INTRODUCTION

The proposed programme budget is built on the achievements and lessons learnt of the programme of work implemented during the current biennium, medium term sectorial strategies adopted by the Contracting Parties to implement different protocols, activities related to the mandate of the Secretariat, the implementation of decisions expected to be adopted by the 16th Meeting of the Contracting Parties in November 2009 as well as recent development in the regional and global context relevant to MAP. It also takes into account the need for adaptation to new developments of MAP relevance in the region.

The overall programme of work focuses on established priorities. The programme budget is organized in sections that reflect activities of the Secretariat and the components contemplated by the provisions of the Barcelona Convention and its Protocols as well as tasks undertaken by the Secretariat in accordance with the decisions of the Meetings of the Parties. The presentation follows the proposed template set out in the Governance paper (Decision IG 17/5) and Decision IG 17/18 on the Programme of work and budget 2008-2009.

The focus during the next biennium will be in the following directions:

- Strengthening the overall governance system of MAP in order to make the work of the Coordinating Unit, the ECP, MEDPOL and the RACs more effective and integrated
- Moving further from a piecemeal to a more integrated, coherent and strategic approach with regard to regional cooperation policies of MAP and its components by identifying and formalizing cost-effective cooperation and partnership with key and strategic partners
- Strengthening the role and impact of the MCSDD and MSSD implementation in the region.
- Further implement the Almeria Declaration by assisting the Contracting Parties to anticipate the effects of climate change in the Mediterranean region and to promote adaptation and mitigation measures.
- Making fully operational and effective the established compliance procedures and mechanisms with a view to assisting and encouraging the Contracting Parties to address to the Compliance committee any difficulties arising during the implementation of the Convention and its Protocols.
- Assist Contracting Parties in their efforts to de-pollute the Mediterranean, and halt biodiversity loss by implementing pollution reduction actions and hot spots elimination, as well as measures to protect endangered species and their sensitive ecosystems. Further work will be carried out to identify potential sites on the high seas that may meet the requirement to be proposed as SPAMIs.
- Assist the Contracting Parties to prepare the grounds for the implementation of the new ICZM protocol expected to enter into force in 2010.
- Promote the implementation of sustainable production and consumption policies practices and tools in the region in the field of the application of the Convention and its protocols as well as MSSD.
- Implementing activities envisaged in the new GEF Strategic Partnership project that are expected to offer greater opportunities for more integration with the work of the Secretariat and MAP components as well as for sufficient assistance to the Contracting Parties to achieve sustainable and concrete results.
- Improving the efficiency of the system by rationalizing and prioritizing expenditures

To compliment the proposed programme of work, the Secretariat and the Components have been successful in mobilizing important external resources from GEF, AZAHAR, FEEM and the EC.

The ordinary contributions to the MTF have not increased in the last two bienniums. The effects of the continued contributions freeze in the MAP system, if further maintained, may seriously threaten its ability to comply with its current and future obligations. Three main reasons underlie this opinion.

Firstly, new responsibilities have been entrusted to MAP. Most recent commitments by the Contracting Parties expanding the MAP Programme of Work which increase the responsibilities of the

Secretariat include, amongst others: enlarging the cooperation on integrated coastal zone management by adopting a new legal instrument; the entry into force of the amendments to the LBS protocol; adoption of compliance procedures and mechanisms; implementation of the MSSD; improving integration among MAP components and the whole MAP system governance aiming at enhancing actions on the ground. Properly addressing these challenges require new resources.

Secondly, the budget freeze dilutes MAP components cooperation precisely at a time that the Contracting Parties are expecting greater integration and coordination in the implementation of the MAP Work Programme. The lack of resources forces each and all MAP Components to individually look for external sources of funding which weakens the MAP global joint approach sought by the Contracting Parties through the establishment of a "healthy and strong Mediterranean Trust Fund (MTF)" and further emphasized in decision IG 17/5 on the MAP Governance adopted by the Contracting Parties in Almeria.

Thirdly, the erosion in the value of contributions has led to the use and depletion of the operational reserve for implementation of regular activities under the approved Programme of Work as observed by the OIOS report. Increases in the cost of living during these seven years have already absorbed the value of the 2003 contributions raise due to the change of currency of reference from Dollars to Euros. This is illustrated, inter-alia, by annual inflation rates which vary every year from 2 to 10% in the Mediterranean countries, a 12% increase in personnel cost and an average increase by 45% in the overall cost of meetings since 2004.

In conclusion, the improvement of the financial situation of MAP requires an increase in the ordinary contribution of the Contracting Parties at least by 5 %, the adjustment of contributions in accordance with annual inflation rate and the maintenance of a trust fund operational reserve.

I. COORDINATING UNIT

I.1 Legal framework

Mandate: The Secretariat functions as provided for in articles 17 and 14 of the Barcelona Convention, MAP Phase II, Governance Paper and other Decisions of the Meetings of the Contracting Parties.

Goal:

To ensure that the 1995 Barcelona Convention and its seven Protocols are further strengthened as an effective legal basis for cooperation and actions by the Contracting Parties towards sustainable development in the Mediterranean in the framework of the Mediterranean Action Plan of UNEP

Objectives:

1. *To achieve widespread ratification by the Contracting Parties and entry into force of the Barcelona Convention and its Protocols;*
2. *To facilitate the operation of MAP, the Barcelona Convention and its Protocols, its Secretariat, the Meeting of the Contracting Parties and its organs in a manner consistent with the provisions of the Convention and its Protocols and with rules of procedures*
3. *To facilitate the provision of assistance to Contracting Parties upon their request in pursuance of the implementation of the Convention and legal and administrative aspects of the implementation of the Protocols, as provided for in the mandate of the Coordinating Unit, decision IG.17/5 on the "Governance Paper"*
4. *To enhance compliance by the Contracting Parties with their obligations under the Barcelona Convention and its Protocols;*
5. *To enhance the capacity of the Contracting Parties to take measures with regard to the legal, administrative and enforcement aspects of the implementation of the Barcelona Convention and its Protocols as well as the MAP Guidelines on Liability and Compensation adopted by the 15th Meeting of the Contracting Parties, 2008.*

Entry into force

The existing delay in the process of ratification of some Protocols results in a complicated legal situation that may directly affect progress on the whole process of implementation of the Barcelona Convention and its Protocols.

There is also a need to further promote the Convention and its Protocols and related achievements in order to encourage the Parties to ratify and implement them, in particular the new ICZM Protocol.

The Secretariat will also disseminate information on activities carried out under the Convention and its Protocols as a tool to further promote their implementation on the regional and national level.

Compliance

With the expected adoption of the rules of procedure for the Compliance Committee, the Compliance Committee will become fully operational during the forthcoming biennium.

Funds will be provided for the convening of at least one meeting per year of the Compliance Committee, starting in 2010, to facilitate the participation of all members and/or alternates, when necessary, and to provide support to the Committee in order to carry out the following functions and activities:

- a) Provision of assistance to the concerned Contracting Parties in implementing the recommendations of the Committee and/or the Meetings of the Contracting Parties, in order to facilitate compliance;
- b) preparation of studies, assessments, criteria, analyses and any other working and/or information documents which would enable the Committee to carry out its functions, to apply

- its rules of procedure and to suggest recommendations and means to the concerned Contracting Parties and the Meetings of the Contracting Parties;
- c) Publication of the draft guide brochure on compliance procedures and mechanisms under the Barcelona Convention and its Protocols in Arabic, English and French for the general public;
 - d) Preparation of the MAP webpage on compliance and implementation in close cooperation with the MAP information Unit at Coordinating Unit and the concerned components.

Reporting on implementation

With a view to implementing decision IG 17/3 of the 15th Meeting of the Contracting Parties on reporting and complementing it with reporting on the effectiveness indicators expected to be approved by the 16th Meeting of the Contracting Parties in November 2009, the following activities are proposed for the forthcoming biennium:

(a) A regional assessment report including the legal, administrative and enforcement aspects of implementation of the Convention, its Protocols and recommendations and decisions of the Meeting of the Contracting Parties will be prepared on the basis of the information and technical data provided by the Contracting Parties in their 2006-2007 and 2008-2009 national reports. MAP components will participate in and contribute to the preparation of such an assessment.

(b) The Secretariat will communicate and disseminate the main findings and achievements related to implementation by means of different tools, in particular the MAP website. This initiative will also help to raise the profile and the visibility of MAP and its legal instruments and their added value for the protection of the marine environment and sustainable development in the Mediterranean region.

(c) Further work is needed to put in place and further upgrade the online MAP reporting system in the framework of the MAP Info System and to develop a full and complete electronic database on the information provided by the Contracting Parties through their national reports on the implementation of the Convention and its Protocols and decisions of the meeting of the Contracting Parties. As reported in the progress report, the on line MAP reporting system is undergoing a testing period. The Focal Points have made pertinent suggestions with a view to making the system more user-friendly, adding new functions and improving some of its technical aspects. INFO/RAC is expected to work with full support from the Secretariat in this direction in order to upgrade and improve the whole system and hence meet the needs of the Contracting Parties.

The reporting format for the implementation of the ICZM Protocol will be finalized by establishing and working in thematic working groups as suggested by the meeting of the PAP/RAC Focal Points. The activity will be jointly coordinated by the Secretariat and PAP RAC and the draft format will be submitted for approval to the Meeting of the Contracting Parties in 2011.

Assistance to Contracting Parties in implementing the Convention and the decisions of the Meetings of the Contracting Parties:

In accordance with Article 14 of the amended Convention, assistance will be provided to Contracting Parties upon request to develop national legislation implementing the Convention and its Protocols. Such assistance will be provided on the basis of:

- The recommendations of the Compliance Committee;
- The recommendations of the regional assessment report on implementation of the Barcelona Convention and its Protocols for the 2004-2005 and 2006-2007 bienniums;
- The specific needs and requests of the Parties.

As reported in the Progress report the third meeting of the Working Group on Guidelines for the Determination of Liability and Compensation for Damage resulting from Pollution of the Marine Environment in the Mediterranean Sea Area that was convened in Athens on 22 and 23 January 2009 approved a mid-term programme of action for the implementation of the Liability and Compensation Guidelines.

The information available on the national situation with regard to the implementation of the Guidelines shows the wide gap between countries in terms of the provisions adopted and institutional and other capacities. In view of this situation, a gradual and step-by-step approach is needed for the implementation of the Guidelines, allowing for the necessary transition period to build the required capacities, where necessary. In accordance with the step-by-step approach, concerted action should now be taken to commence the implementation of the Guidelines as follows:

- (a) Further research with regard to: the international instruments on liability and compensation that are most relevant to the situation in the Mediterranean; the constraints that have prevented countries from ratifying them more widely; and the areas that are not covered by such instruments, but which lie within the scope of the Barcelona Convention and its Protocols and should therefore be covered by a Mediterranean liability and compensation regime;
- (b) the development of means to ensure effective access to information by the public;
- (c) the evaluation of the products available on the insurance market; and
- (d) a feasibility study for a Mediterranean compensation fund.

Legal Component

Policy Relevance	Activity	Expected outputs for the biennium 10-11	Responsibility	Achievements/ Indicators	Related initiatives/ Partnerships	Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	Ext.	MTF	EC	Ext.
Articles 17 and 14 of the Convention,, MAP phase II, Governance Paper, other Decisions of the Meetings of the Contracting Parties	<p>Provision of general and legal advice: Respond to Parties' queries relating to the implementation of and compliance with the Convention</p> <p>Active communication with the Depositary country</p> <p>Promoting the entry into force of MAP legal instruments for all Contracting Parties, as appropriate</p>	<p>Advise on general legal and or policy issues provided to the Contracting Parties and the Secretariat where needed</p> <p>Difficulties related to entry into force analysed under the guidance of the Bureau,</p> <p>Legal and technical advice related to Ratification will be provided to the Contracting Parties upon request</p>	<p>Secretariat</p> <p>Bureau of the Contracting Parties,</p> <p>Contracting Parties</p>	<p>Legal guidance in implementing the Convention and legal advise provided promptly and appropriately to individual Contracting Parties, the Secretariat, the meetings of the Contracting Parties; Bureau and the other bodies under the Convention and MAP</p> <p>Added value of MAP legal instruments demonstrated. Actions taken by the Parties towards the entry into force of MAP legal instruments</p>	Synergy with other Conventions on similar issues	10			10		
<p>Article 27 of the Convention Decision IG 17/2 "On Compliance Procedures and Mechanisms"</p> <p>Draft decision on Rules of procedure for the Compliance Committee</p>	<p>Promoting implementation and compliance</p> <p>a) Preparation of the main working documents for the organization of the Compliance Committee meetings</p> <p>b) Annual meeting of the Compliance Committee</p> <p>c) Facilitation provided to concerned Contracting Parties</p>	<p>A successfully organised meeting of the the Compliance Committee</p> <p>Working Documents prepared in the 2 out of 4 official languages of MAP and timely disseminated</p> <p>Non Compliance situations addressed and facilitated</p>	<p>Secretariat with inputs, as appropriate from the other Components of MAP and regional experts</p> <p>Concerned Contracting Parties</p>	<p>Compliance Committee is operational; Its functions are carried out in accordance with decision IG 17/2</p> <p>Report of the work of the Compliance Committee is submitted to the Meeting of the Contracting Parties in 2009</p> <p>Effective consideration of Agenda items</p> <p>Non-compliance situations assessed and facilitated</p>	Compliance Bodies under other Conventions such as Bern, CITES, CBD, etc and the compliance system of the EU	50	15	20	45	45	20

Policy Relevance	Activity	Expected outputs for the biennium 10-11	Responsibility	Achievements/ Indicators	Related initiatives/ Partnerships	Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	Ext.	MTF	EC	Ext.
Articles 14 and 16 of the Convention Decision IG.17/6 Draft decision IG18/	Assistance, upon request, to Contracting parties to develop legislation implementing the Convention and its Protocols,	a) Provision of Legal and technical advice b) Provision of financial assistance	Secretariat, Contracting Parties, national and or regional experts	Legal provisions of the Barcelona Convention and its Protocols are part of the domestic legislation of the Contracting Parties as appropriate	EU legislation, other relevant conventions	20			15	10	
	Assistance to Contracting Parties to develop legislation implementing guidelines on liability and compensation	Preparation by the Contracting Parties of legislation and regulations in the field of liability and compensation	The Working Group on Liability and Compensation	Elements of the domestic systems on Liability and Compensation established by almost all Contracting Parties.	Other related Conventions EU Liability and Compensation. Directive for Environmental damage.	10		20		10	20
	Further Research is carried out on priority topics as advised by the third meeting of the WG on liability and compensation	Assessment and research studies prepared and discussed	The Working Group on Liability and Compensation Secretariat, Regional Experts	Proposals submitted the 17 th CPs meeting	Other related Conventions	10		20	10	10	20
	Convening of the Meeting of the WG on liability and compensation Capacity building activities if external funding will be available	Assessment and proposal reviewed by the WG on liability and compensation Guidance provided to the Secretariat Final Proposal developed for 17 th CPs meeting consideration	The Working Group on Liability and Compensation Secretariat	Consolidated draft prepared for further consideration by the 17 th meeting of the CPs	Global and regional Conventions on Liability and Compensation, EU Directive on environmental Liability	30	15			10	30

I.2 Institutional governance

I.2.1 Main institutional meetings, coordination, strategic planning, executive direction, implementation and monitoring, resource mobilization

Mandate:

The Secretariat's functions as provided for in articles 17, 18, 20 and 27 of the Convention, rules of procedures for meetings and conferences of the Contracting Parties, decisions of the Meetings of the Contracting Parties.

Goal

To formulate, implement and deliver, under the overall direction of the Meetings of the Contracting Parties and its Bureau, the biennial and five-year MAP programmes of work in an efficient, timely and effective manner through effective coordination and integration among MAP components under the guidance of the Secretariat.

Objectives

1. To provide appropriate facilities, logistics and substantive support to ensure that the 17th Meeting of the Contracting Parties, the meetings of the Bureau and the meetings of other bodies established under the Convention and MAP are conducted effectively;
2. To ensure efficient, effective and timely delivery of the programme of work of MAP for the 2010-2011 biennium and to contribute to the five-year programme of work
3. To increase the positive feedback from the Contracting Parties and other partners on the substantive and organizational support provided by the Secretariat;
4. To bring about better coordination among the Secretariat, the RACs and MEDPOL with a view to effective implementation of the programme of work;
5. To ensure long-term planning and preparation of a realistic and sustainable programme of work for the 2012-2013 biennium and a five-year rolling programme of work 2013-2018.

(a) Preparation and delivery of the 17th Meeting of the Contracting Parties and its organs

According to Articles 17, 18 and 20 of the Barcelona Convention and the chapter on institutional arrangements of MAP Phase II, the Secretariat has the responsibility of organizing the Meeting of the Contracting Parties every two years as well as the meetings of the subsidiary bodies of the Convention including the meetings of the Bureau. The 17th Meeting of the Contracting Parties is scheduled to be held in 2011 and will address issues in line with the provisions of Article 18 of the Barcelona Convention. Other institutional meetings which are the responsibility of the Secretariat, include:

1. Meeting of the MAP Focal Points in 2011;
2. Three meetings of the Bureau of the Contracting Parties at six-monthly intervals;
3. Four meetings of Executive Coordination Panel (ECP) to ensure better coordination between the Secretariat and the MAP components as indicated in the Governance Paper and the ToRs of the ECP approved by the Bureau of the Contracting Parties.

Implementation of the Governance Paper

The implementation of the requirements and provisions of the Governance Paper adopted by decision IG 17/5 of the 15th Meeting of the Contracting Parties and of draft decision IG 18/3 on the mandates of the RACs and MED POL represents a real challenge for the Secretariat and the other MAP components. In this respect, a number of activities will be undertaken by the Secretariat and MAP components, under the guidance of the Bureau of the Contracting Parties.

As outlined in the "Progress Report by the Secretariat for the 2008-2009 biennium" (UNEP(DEPI)/MED WG.337.3) a financial and management audit of MAP was carried out during 2008-2009. The recommendations of the audit report require the Secretariat to undertake important measures to improve the financial management of MAP in several areas.

In the light of the above recommendations and of the requirements of the Governance Paper, a number of activities are being proposed for implementation during the forthcoming biennium through the ECP, such as:

- Drafting a Resource Mobilization Plan,
- Elaborating a methodology to prioritize the programme of work and budgeting for MAP components
- Preparing the programme of work for the 2013-2014 biennium and the five-year rolling programme of work
- Monitoring implementation of the programme of work
- Establishing procedures and resources to ensure the implementation of the MAP programme of work in a cost-efficient and timely manner.

Other coordination activities among MAP components

There is a need to define clear tasks for each MAP component with regard to the implementation of the ICZM Protocol which, as worded for in the Protocol, are the responsibility of the Organization (Coordinating Unit). This process will facilitate MAP's work in making better use of the integrated approaches and tools provided for in the ICZM Protocol for the implementation of the other Barcelona Convention Protocols addressing pollution prevention and control and biodiversity conservation in the coastal zone.

In order to make optimal use of the limited human resources of the Secretariat and the components for supporting the work of the Compliance Committee in accordance with the compliance procedures and mechanisms and the Committee's rules of procedure, there is also a need to establish clear internal consultation procedures and division of labour among the Coordinating Unit and the components in charge of different Protocols.

Other important activities entrusted to the Coordinating Unit but implemented by PAP/RAC are the final CAMP conferences, which are recognized as an important policy instrument for MAP because of the high level and multi-sectoral participation from national, regional and local governments as well as the donor community in the countries. All MAP components are expected to contribute to the implementation of CAMPs.

Institutional Arrangements and Coordination

<i>Policy Relevance</i>	<i>Activity</i>	<i>Expected outputs for the biennium 10-11</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
<p>Art 17 and 18 of the Convention</p> <p>Rules of procedure for meetings and Contracting Parties</p> <p>Governance Paper</p>	<p>17th Meeting of the Contracting Parties</p>	<p>A successfully organised meeting of the Contracting Parties</p> <p>Working Documents prepared in the 4 official languages of MAP and timely disseminated</p> <p>Substantive Decisions and Programme of Work and Budget reviewed and approved</p>	<p>Secretariat with contribution of other MAP components</p> <p>Contracting Parties</p>	<p>Adequate meeting facilities and services provided</p> <p>Meeting documents made available to Contracting Parties in the official languages within established timeframes</p> <p>Efficient and effective logistical and substantive support is provided by the Secretariat</p>							200
<p>ToRs of the Bureau, 9th Meeting of the Contracting Parties, 1996</p> <p>Art 17 and 18 of the Convention</p> <p>Rules of procedure for meetings and Contracting Parties</p>	<p>Meetings of the Bureau (three during the biennium)</p>	<p>Successfully organised meetings of the Bureau Contracting Parties</p> <p>Working Documents prepared in the 3 out of 4 official languages of MAP and timely disseminated</p> <p>Guidance to the Secretariat is provided</p>	<p>Secretariat with contribution of other MAP components</p> <p>Bureau of the Contracting Parties</p>	<p>Effective consideration of the items of the Agenda</p>	50			30			

Policy Relevance	Activity	Expected outputs for the biennium 10-11	Responsibility	Achievements/ Indicators	Related initiatives/ Partnerships	Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	Ext.	MTF	EC	Ext.
Since the 9 th Meeting of the Contracting Parties	Meeting of the MAP Focal Points	<p>A successfully organised meeting of the MAP focal points</p> <p>Working Documents prepared in the 2 out of 4 official languages of MAP and timely disseminated</p> <p>Draft Decisions and Programme of Work and Programme Budget prepared for the consideration of the 17th Meeting of the Contracting Parties</p>	Secretariat with input from MAP components and programmes	Adequate participation from Contracting Parties ensured				100		100	
<p>Decision IG 17/5 on the Governance paper, UNEP(DEPI)/MED IG.17/10.</p> <p>ToR of the ECP approved by the Bureau of the Contracting Parties in September 2008</p>	<p>Provision of overall management of the Secretariat, RACs and Medpol</p> <p>Meetings of the ECP (four per year) to address the requirements of the Governance Paper and Audit recommendations</p>	<p>Effective and efficient delivery by the Secretariat and the RACs, including MEDPOL of the outputs set out in the programmes of work 2010-2011 [and 5-year rolling programme of MAP]</p> <p>-Coordination of planning of activities</p> <p>-Review of the status of implementation of the Programme budget and work and decisions of the Meetings of the Contracting Parties</p> <p>- ToR of the ECP fully implemented</p>	Secretariat, MED POL and MAP components	<p>Planning of activities and integration among MAP components improved,</p> <p>Reports of the meetings of the ECP submitted to the Bureau of the Contracting Parties and MAP Focal Points</p> <p>Sufficient financial resources available to carry out the programme of work approved by MoP 16</p>	10		25	20	15	25	

<i>Policy Relevance</i>	<i>Activity</i>	<i>Expected outputs for the biennium 10-11</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
MAP II, 1995 MAP Programme of work 2008-2009; 2010-2011	Final CAMP Presentation Conferences Morocco, Spain, Italy	Final CAMP conferences well attended All the concerned MAP components are fully involved in the respective CAMP Projects	Secretariat, PAP/RAC, BP and the other concerned MAP components	CAMP conference successfully concluded Approval of the CAMP project recommendations by concerned national authorities		5			5		
Secretariat mandate to provide meeting services	Preparation of MAP reports		Secretariat			30			30		

1.2.2 Application of the ecosystem approach

Goal : To enable MAP to implement the ecosystem approach as an effective management tool to ensure integrated sustainable policies for the protection and development of the Mediterranean Sea area including its coastal zone.

Objective

- 1. To implement the roadmap for the application of the ecosystem approach by the whole MAP system**
- 2. To define the ecological objectives of the Mediterranean**

At its first meeting held in September 2009, the Bureau welcomed the shift from a sectoral to a horizontal approach for the application of the ecosystem approach under the responsibility of the Secretariat.

The Bureau also considered that further efforts were needed to this end, in particular by ensuring that socio-economic dimensions were fully taken into account in the delivery of marine and coastal ecosystem services.

In this regard, a meeting of all MAP components organized by the Coordinator was held in Split in September 2008. The conclusions were endorsed by the third ECP meeting. A number of activities were agreed upon and will be implemented in 2009 with EC funding. The agreement for financing these activities between MAP and the EC has been signed.

During the Split ECP meeting, decisions were taken regarding the distribution of work and the budget among MAP components. The decisions appear in the report of the 3rd ECP meeting. More specifically:

- (a) The agreed table of contents for the preparation of the assessment documents was discussed and work shared between MAP components by chapters. Work methodology was also agreed. Contracting Parties will designate an expert who will coordinate activities within the country. All experts will be invited to a kick-off meeting where the table of contents will be discussed and explained, and work methodology and responsibilities will be agreed upon. The budget for this activity will come from the EC/MAP project and has been agreed as follows: Meeting (2 days, including conference services) €46,250; consultants €70,000.
- (b) The leading MAP component for the socio-economic analysis will be Blue Plan. The budget will increase as follows: BP will receive €67,100 from the EC project and €10,000 from the 2009 ECAP budget.
- (c) The leading MAP component for the communication and public awareness planning document will be INFO/RAC. For this purpose an amount of €10,000 will be allocated from the 2009 ECAP budget.
- (d) Coordinating Unit, with the help of a consultant, will take care of the ECAP planning document using the 2009 ECAP budget.
- (e) The case study will be undertaken by Coordinating Unit using the 2009 ECAP budget.
- (f) The third meeting of government-designated experts will be covered by the EC project for €61,700.
- (g) PAP/RAC will undertake the compilation of assessment methodologies.

More recently, the Secretariat, assisted by experts, initiated an activity to apply the approved roadmap to a selected number of ecological objectives, as far as possible common to all four areas, and falling under the competence of MED POL and SPA/RAC. This activity, held in December 2008, was a brainstorming exercise on the case study for the application of the ecosystem approach roadmap, with the participation of the concerned MAP components and the MAP Consultant.

Application of the Ecosystem Approach

Policy Relevance	Activity	Expected outputs for the biennium 10-11	Responsibility	Achievements/ Indicators	Related initiatives/ Partnerships	Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	Ext.	MTF	EC	Ext.
Decision IG.17/6 Project document MAP/EC on Ecosystem Approach	Organization of one Government-designated experts meeting	Derivation of ecological and operational objectives with indicators and target levels	Secretariat	Objectives, indicators and target levels adopted	CBD, UNEP/Regional Seas, OSPAR, HELCOM, EU	40*			65*		61,7
	Coordination and preparation of assessment reports for 4 areas and kick off meeting	Reports on each area	MEDPOL and SPA/RAC Secretariat	Reports produced Priority issues identifies for each area				11 6, 25			
	Preparation of socio economic analysis	Report	Blue Plan Secretariat	Values of ecosystem services calculated		10*		67,1			
	Communication and Public Awareness plan	Report	Info/RAC Secretariat	Assessment Methodology prepared and implemented		5*			5*		
	Case study	Report	Secretariat in collaboration with MAP components			10*					
	Compilation of assessment methodologies		PAP/RAC Secretariat								

* These funds have been committed from the MTF balance approved by the 15th Meeting of the Contracting Parties in 2008 (Almeria, Spain)

I.3 Cooperation and partnership with United Nations Agencies, EU, regional initiatives and civil society

Goal

Broad and solid cooperation and synergy with relevant international and regional organizations and with civil society for the effective implementation of the programme of work and for ensuring coordinated and complementary development and delivery of technical assistance to Contracting Parties on common issues, as appropriate.

Objectives

1. To strengthen cooperation and complementarity as appropriate with the relevant United Nations bodies and convention secretariats (Biodiversity, Basel, Ramsar, Stockholm, Climate Change, etc.) in fields of common interest.
2. To consolidate cooperation with the Union for the Mediterranean, the EC and EEA with a view to updating and implementing the joint programmes of work and in particular activities within the Horizon 2020 initiative project;
3. To ensure NGOs' participation in MAP activities and enhance their contribution to the achievement of MAP objectives with a particular focus on the implementation of the Barcelona Convention and its Protocols of the MSSD;
4. To further cooperate with GEF, WB, EIB, FFEM and other funding agencies and the private sector in order to mobilize the necessary financial resources for the implementation of the Barcelona Convention and its Protocols.
5. To promote regional cooperation.

Over the years, MAP has established close working relationships with United Nations bodies and Programmes, MEAs, EU institutions, other important regional initiatives and global and regional conventions addressing environmental, marine and coastal protection and sustainable development issues.

With a view to further strengthening and developing cooperation and synergy on issues of common interest, the Secretariat will continue to undertake a number of activities in 2010-2011 in cooperation with the RACs, including MEDPOL.

With a view to achieving synergy and joining forces to promote sustainable development of the Mediterranean, special attention will be paid by the Secretariat, in consultation with the ECP, to the MAP's cooperation with the Union for the Mediterranean at governance and policy levels to RAC and MEDPOL cooperation at project levels. Of paramount importance is MAP/EC partnership and MAP/EEA cooperation and synergy for the successful implementation of the Horizon 2020 initiative project of the Union for the Mediterranean.

Contacts will also continue to be strengthened with other regional conventions, regional seas programmes and the secretariats of multilateral environment agreements.

In the coming biennium, MAP will continue to exchange experience with OSPAR and HELCOM especially with respect to the application of the ecosystem approach. The intention is also to continue working together with regard to ensuring synergy with the EU Marine Strategy Directive, as appropriate.

Concrete areas of collaboration have been identified with the Secretariat of the Basel Convention in addressing pollution from hazardous waste within the framework of both the Barcelona and Basel Conventions. A comparative legal analysis of both Conventions and in particular of the Izmir Protocol has already been made to identify synergies in the legal instruments for addressing the issue of the trans-boundary movement of hazardous waste.

The Secretariat, in view of the excellent spirit of cooperation during the implementation of the joint MAP/EC programme of work, will continue to work closely with the European Commission, considered an important and strategic partner and EEA. Two major projects funded by the EC will be further implemented during the forthcoming biennium (on SPAMIs and the ecosystem approach). The joint programme of work signed in 2005 is expected to be updated in order to reflect new developments and priorities as appropriate.

Having in mind the need to ensure synergy and effective collaboration of MAP components with partner institutions and programmes in the region, the Secretariat also intends to update its current agreement or joint programme of work and/or sign new agreements with EEA, IUCN, Basel Convention Secretariat, Bern Convention Secretariat, CBD Secretariat, WB, Stockholm Convention Secretariat, MEDWET, etc.

1.3.1 GEF Strategic Partnership

The Regional Component of the GEF Project "Strategic Partnership for the Mediterranean Large Marine Ecosystem" (UNEP GEF Med LME project) was endorsed by the GEF Chair Executive Officer (CEO) in April 2008, and officially began implementation in October 2008, following signature of an internal legal agreement between UNEP/MAP and UNEP DGEF.

The objective of the Mediterranean Sea LME Strategic Partnership is to leverage reforms and catalyze investments that address transboundary pollution reduction and marine and coastal biodiversity conservation priorities identified in the Strategic Action Plans (SAP-BIO and SAP-MED) for the Mediterranean basin. This is a partnership consisting of two components: an Investment Fund implemented by the World Bank (WB) and the regional component implemented by UNEP, UNEP/MAP and partners.

The objective of the proposed Regional Component is to promote and induce harmonized policy, legal and institutional reforms and fill the knowledge gap aimed at reversing marine and coastal degradation trends and living resources depletion, in accordance with priorities agreed by the countries in the SAP MED and SAP BIO, and to prepare the ground for the future implementation of the ICZM Protocol. Participating countries are Albania, Algeria, Bosnia and Herzegovina, Croatia, Egypt, Lebanon, Libya, Morocco, Montenegro, Syria, Tunisia and Turkey, The Palestinian Authority. Funding is through GEF with 11,891,000 USD and co-financing of 35,597,700 USD. UNEP/MAP is responsible for the coordination of the project and executing partners include UN agencies: UNESCO/IHP, FAO, WB; MAP's regional activity centers: PAP/RAC, CP/RAC SPA/RAC and NGO's: GWP-Med, WWF-MedPo and MIO-ECSDE. UNIDO also participates in a separated implemented and executed project on the transfer of environmental sound technology (TEST). The project consists of 4 components:

- Component 1. Integrated Approaches for the Implementation of the SAPs and NAPs: ICZM, IWRM and Management of Coastal Aquifers (UNESCO/IHP, PAP/RAC and GWP-Med);
- Component 2. Pollution from Land-based activities, including POPs: Implementation of SAPMED and related NAPs (MEDPOL, UNIDO and CP/RAC);
- Component 3. Conservation of Biological Diversity: Implementation of SAP-BIO and related NAPs (WWF, SPA/RAC and FAO)
- Component 4. Project Coordination, Replication and Communication strategies, and Management and M&E (UNEP/MAP, MIO-ECSDE and MEDPOL)

All documents are available on the www.unepmap.org web site.

Goal: To ensure the overall effective management and coordination of the Strategic Partnership as well as the Regional Component (Component 4.1 of the UNEP GEF Med LME project).

UNEP/MAP and the projects PMU will implement activities related to the SP project coordination and management, M&E activities and the involvement of stakeholders in project activities and demonstrations. It will establish effective project implementation and coordination at both regional and national levels to ensure that the projected outputs are delivered and the overall objectives achieved. Not included in this are the activities to be implemented by all the partners mentioned.

Objectives:

1. To facilitate and foster synergies between the two components (WB and UNEP) of the project and ensure that the Strategic Partnership as a whole is implemented in parallel;
2. To oversee and assist all co-executing agencies in the implementation of their activities, as detailed in the agreements signed with each partner (UNESCO/IHP, FAO, WB; PAP/RAC, CP/RAC SPA/RAC, GWP-Med, WWF-MedPo and MIO-ECSDE)
3. To ensure country ownership of partnership processes and all activities;
4. To ensure policy reforms in participating countries, through the use of existing and well established Barcelona Convention and MAP structures and mechanisms;
5. To ensure effective monitoring and evaluation throughout the lifespan of the project; and

Policy Relevance	Activity	Expected outputs for the biennium 10-11	Responsibility	Achievements/ Indicators	Related initiatives/ Partnerships	Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	Ext.	MTF	EC	Ext.
Secretariat Mandate Article 17 of the Convention Governance paper,	Project management coordination, monitoring and reporting. Oversight of all partners activities detailed in the agreements signed with each partner (UNESCO/IHP, FAO, WB; PAP/RAC, CP/RAC SPA/RAC, GWP-Med, WWF-MedPo and MIO-ECSDE)	<ul style="list-style-type: none"> ▪ Functioning regional and national level Coordination mechanism ▪ Stakeholder Involvement Plan fully implemented ▪ Monitoring and evaluation plan implemented 	<ul style="list-style-type: none"> ▪ Project Management Unit for the Regional Component of the Strategic Partnership 	Project management unit, Project Steering Committee, Coordination Group, Inter-ministerial Committees all fully engaged in project coordination <ul style="list-style-type: none"> ▪ Half-yearly reports, ▪ Steering Committee meeting reports, ▪ Annual review (PIR) report 	WB Strategic Partnership Investment Fund Components implemented by: UNESCO/IHP, FAO, WB; MAP's regional activity centers: PAP/RAC, CP/RAC SPA/RAC and NGO's: GWP-Med, WWF-MedPo and MIO-ECSDE. UNIDO	88*		269 ¹	88*		269 ²
Secretariat Mandate Article 17 of the Convention Governance paper,	Steering Committee, Mid-term stocktaking and Coordination group meetings	<ul style="list-style-type: none"> ▪ Past years activities and results presented and discussed ▪ Annual Work-plan, activities and budget discussed and adopted 	Project Management Unit	Adoption of Annual work-plan and budget <ul style="list-style-type: none"> ▪ Steering Committee meeting reports ▪ Coordination group reports ▪ Mid-term Stocktaking report 	As above	39*		9 ³	17*		9 ⁴

¹ 375,500 USD of GEF and cash/in-kind co-financing combined

² 375,500 USD of GEF and cash/in-kind co-financing combined

³ 12,000 USD of GEF and cash/in-kind co-financing combined

⁴ 12,000 USD of GEF and cash/in-kind co-financing combined

<i>Policy Relevance</i>	<i>Activity</i>	<i>Expected outputs for the biennium 10-11</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
Secretariat Mandate	Independent Mid-term evaluation (MTE)	UNEP Evaluation and Oversight Office to recruit consultant for MTE.	UNEP with assistance from PMU to organise all missions of the evaluator	Report of the Mid-Term Evaluation	As above	0		43 ⁵	0		0
Article 17 of the Convention	Support provided to the national focal points	<ul style="list-style-type: none"> ▪ National inter-ministerial meetings and other national meetings for implementation of the project 	National project focal points with assistance from PMU	National implementation of activities, coordination amongst national ministries and other stakeholders		0		93 ⁶	0		93

* These funds have been committed from the MTF balance approved by the 15th Meeting of the Contracting Parties in 2008 (Almeria, Spain)

⁵ 60,000 USD GEF budget

⁶ 130,000 USD of GEF and cash/in-kind co-financing combined

1.3.2 Cooperation with MAP civil society partners

Over the years, MAP has established fruitful cooperation with civil society and in particular with NGOs. For this purpose, a partnership has been established on the basis of principles and strategic directions and criteria adopted in Barcelona in 1995, Malta in 1999 and Monaco in 2001. Assistance is provided to MAP partners to build and strengthen their capacities, to participate in MAP events and meetings and to implement projects focusing on the implementation and achievement of MAP objectives.

The programme of work is intended to:

- (a) increase the capacities of MAP partners from the southern and eastern part of the Mediterranean;
- (b) assist MAP partners in implementing projects which are relevant to the Barcelona Convention its Protocols and related strategies;
- (c) support their contribution to MAP events and meetings and activities as appropriate.

In terms of governance, the Secretariat, assuming that the 16th Meeting of the Contracting Parties will approve the new updated admission criteria and procedure for MAP partners from civil society organizations, will undertake a review of the current 80 partners for consideration by the Bureau meetings and endorsement by the 17th Meeting of the Contracting Parties.

Policy Relevance	Activity	Expected outputs for the biennium 10-11	Responsibility	Achievements/ Indicators	Related initiatives/ Partnerships	Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	Ext.	MTF	EC	Ext.
11 th Meeting of the Contracting Parties, Monaco 2001	Support to NGOs	Projects funded and implemented	Secretariat MAP partners	NGOs Contribution to MAP objectives increased	Civil society/ MCS D cooperation related initiatives EC/NGO programme	10	22.793		15	20	
9 th , 11 th , 12 th Contracting Parties Meeting	Participation/ MAP partners in MAP meetings and activities	Attendance of NGO/Partners at MAP meetings and events and presentation of their position	NGOs/MAP partners with support from the Secretariat	Joint or Individual Position papers or proposals taken into consideration as appropriate MAP partners representatives meeting organised on the eve of the 17 th Contracting Parties meeting	NGOs/MAP partners; Contracting Parties		10			21,793	
Draft Decision on MAP/Civil society cooperation and partnership,	Improving the effectiveness of MAP/NGO cooperation	The list of MAP partners is reviewed on the basis of criteria and procedures adopted by the Contracting Parties	Secretariat with the assistance of experts; Bureau of the Contracting Parties	List of the MAP partners updated, Stronger partnership developed	Civil society/ MCS D cooperation related initiatives		10				
Decisions of the Contracting Parties Meeting, Articles 17 and 18 of the Convention	Promoting regional cooperation	Joint activities planned and implemented with partners	Secretariat and other regional initiatives or bodies MAP components	MAP visibility and impact increased in the region Synergy and cooperation ensured Enhanced integration of MAP work with relevant activities within UNEP and other regional programmes and institutions, as appropriate	UN/UNEP Conventions relevant to MAP UfM WB, GEF, WFD, EU, EC, EEA Mediterranean Water Initiative, Adriatic Initiative, etc IUCN MEDWET	10			10		

I.4 Mediterranean Strategy for Sustainable Development

Goal

The overall objective of the programme is to support MSSD implementation through complementary and coordinated initiatives at the regional, subregional and national levels as indicated in the MSSD Implementation Plan.

The programme will contribute to the implementation of MSSD by:

- integrating social, economic and environmental dimensions of sustainable development policy-making at the regional and national levels;
- effectively involving civil society, major groups and other related stakeholders in the implementation process;
- encouraging cross-sectoral approaches to sustainable development;
- providing targeted technical assistance to support developing countries to implement MSSD;
- developing cooperation and information exchange with United Nations agencies, the European Commission and other international and regional organizations working for sustainable development in the region;
- contributing to monitor, evaluate and report on the implementation of sustainable development at the national and regional levels;
- contributing to a broader understanding of sustainable development through information and communication.

The programme is structured by three interrelated components:

1. Mainstreaming sustainable development issues in national policies
2. Increasing MCSD visibility and creating awareness, developing synergies with existing or potential subregional initiatives towards sustainable development
3. Assessing the implementation of the MSSD and organization of regular MCSD meetings.

The proposed activities are in line with the decisions of the Contracting Parties and consistent with the multi-year thematic programme of work for the MCSD (2005-2011) as approved by the Contracting Parties in Portoroz, 2005. The proposal pertains to MSSD implementation with a focus on policy processes addressing cross-sectoral issues.

The proposals are based on experience gained and stock-taking of what was achieved against activities planned for 2008-2009 as indicated in the progress report. Due consideration has been given to the UNCSD Programme of Work (UNCSD PoW 2010-2016), the Johannesburg Plan of Implementation and the Millennium Development Goals.

The results of the activities described here will directly feed into the 14th Meeting of the MCSD. The activities build upon the previous work of the MCSD and all converge towards the implementation of the MSSD. Due consideration has been given to climate change and sustainable production and consumption issues, which featured prominently in the Almeria Declaration, and to other international policy dialogues.

Mainstreaming sustainable development issues in national policies, including national strategies for sustainable development (NSSDs)

Objective

Foster the inclusion of "climate change" and "sustainable production and consumption" considerations in national policies, instruments and institutions, beyond those of dedicated agencies and multilateral agreements.

In previous bienniums, the programme has successfully supported the formulation of NSSDs in pilot countries. Experience has shown that in order to be more effective, take the lead and move towards appropriate and sustainable change, the MCSD programme has to be more responsive to the needs of the countries and solution-oriented.

The activities under this objective are intended to support national policy processes as well as subregional positioning to address two major sustainable development challenges that constitute thematic clusters of the CSD implementation cycle 2010-2011:

- i. mitigation and adaptation to climate change; and
- ii. sustainable production and consumption (SPC).

The activities will be undertaken at national and regional levels.

In the four to six pilot countries, the programme will support national process aimed at increasing convergence and coherence of the policies, legal frameworks, economic instruments and institutional frameworks that pertain to climate change or Sustainable consumption and production.

The experience gained in the pilot countries will be shared throughout the region. For this purpose, one working session on "challenges and opportunities for mainstreaming SD issues in national policies" will be organized in 2010, enabling the pilot countries that are supported by UNEP/MAP to exchange experience with those previously involved in NSSD formulation. This working session will also be the opportunity to discuss how to address subregional and national commonalities. In addition, a regional workshop on "preparation and implementation of mainstreaming SD issues" will be held in late 2010 / early 2011 as a follow-up to the working session that will involve participants from the entire region and stakeholders representing all interest groups of the MCSD.

The success of the proposed activities will depend on the good and coordinated collaboration between the concerned MAP components and with the other major players in the region.

Mainstreaming sustainable development issues in national policies

<i>Policy Relevance</i>	<i>Activity</i>	<i>Expected outputs for the biennium 10-11</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
-CP Decisions (2005) I.A.3 -Portoroz Declaration	Assist two to three pilot countries in factoring Climate Change considerations in their policies Assist the two to three pilot countries in factoring Sustainable consumption and production in their policies	Identification of barriers and priorities for mainstreaming	Secretariat in collaboration with Blue Plan Secretariat in collaboration with CP/RAC	Roadmaps towards integration are successfully developed in the 4- 6 countries; Stakeholders and civil society have been consulted during a national workshop.	CSD WB OECD SMAP UNDP UNFCCC AZAHAR programme	20	30	50	20	30	50
CP Decisions (2005) I.A.3	Organize one Working Session on Challenges and Opportunities of mainstreaming SD issues in national policies and a Regional Workshop on mainstreaming sustainable development issues	Identification of main constraints and opportunities for mainstreaming; possible sub-regional grouping and way forward; Conclusions on mainstreaming sustainable development for submission to the 14 th MCSD meeting	Secretariat with support from the MAP components in particular BP and CP/RAC	- 2 nd working group organized in 2010 – conclusions and recommendations on mainstreaming, elements of roadmap - Regional workshop organized; conclusions on NSSD development and implementation and overall progress with implementation of MSSD submitted to the 14 th MCSD meeting	CSD UNDP WB AZAHAR programme OECD	20				20	40
Total						40	30	50	20	50	90

Increasing MCSD visibility and creating awareness

Objective

To further enhance awareness about the MCSD and MSSD as regional governance structures for sustainable development in the Mediterranean

The MCSD is a unique forum for the region, as it involves all the different actors from the public and private sectors. It thus gives the different segments of society the opportunity to discuss issues on an equal footing and share their different perspectives. By doing so, the MCSD helps to raise the consensus level and thereby give policy decisions a broader basis and ultimately a better chance of being effectively implemented. Whereas the MCSD's role and functioning is familiar to the MAP components and members, it remains largely unknown in other forums or international policy dialogues.

The activity under this objective is intended to increase the visibility of the MCSD throughout the region and beyond, in particular among decision-makers involved in the newly emerging initiatives or programmes that pertain to sustainable development in the region. The MCSD leaflet (2001) will be updated on the basis of the MCSD mandate approved in Almeria and a specific MCSD Brief will be prepared for decision-makers, in particular those outside the ministries of the environment. This activity will be carried out in close consultation with the Information office of the Coordinating Unit.

Increased visibility and awareness

<i>Policy Relevance</i>	<i>Activity</i>	<i>Expected outputs for the biennium 10-11</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
-Portoroz Declaration -CP Decisions (2005) I.A.3 I.A.6 II.E	Organize targeted information/ communication activities with relevance to decision-makers	A new MCSD brochure and a leaflet targeted to decision makers	Secretariat	Greater awareness and visibility of the MCSD and MSSD Participation of and interaction with target groups.	Information and communication strategy of MAP	10		10	10		
TOTAL						10		10	10		

Assessing the implementation of the MSSD and organization of the 14th MCSD meeting and MCSD Steering Committee meetings

Objectives:

- To ensure an effective operation of the MCSD and assessment and monitoring of the MSSD implementation
- To ensure efficient, effective and timely delivery of the programme of work of the MCSD for the biennium

In depth assessment of the MCSD

In accordance with the MCSD programme of work approved by the Contracting Parties in 2005, an overall review of the MSSD should be carried out during the 2010-2011 biennium. The MSSD itself calls for an in-depth assessment every five years. The first of such assessments falls due during the 2010-2011 biennium and is intended as a special assessment for the Third World Summit on Sustainable Development. The organization of this review has been discussed by the MCSD Steering Committee and the ECP.

The assessment will be carried out by an external entity.

The MCSD, through the Steering Committee, will be involved throughout the process.

Organization of the 14th MCSD meeting and the MCSD Steering committee meetings

During the biennium, two Steering Committee meetings will be organized and the 14th meeting of the MCSD will take place.

The MCSD secretariat will develop closer and more continuous interactions with the Steering Committee, thus engaging the Committee further. Instituting a regular dialogue between the Steering Committee and the MCSD secretariat will contribute to:

- improving the functioning of the MCSD between two sessions
- developing synergies between the MCSD and other regional and international initiatives and processes
- identifying and structuring issues that cannot emerge in a one-off meeting, and possibly deciding on the topics and the way of addressing them during the biennial MCSD meetings.

The content of the MCSD meeting will largely build upon the outputs of the activities in this proposal and upon recommendations emerging from different sustainable development forums and meetings.

Assessing the implementation of the MSSD and organization of regular MCSD meetings

<i>Policy Relevance</i>	<i>Activity</i>	<i>Expected outputs for the biennium 10-11</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
-CP Decisions 2005	MSSD in-depth assessment		Secretariat		IIED, IUED or ESDN, All RACs, MCSD SC	30		60			40
-CP Decisions 2005	13 th Meeting of the Mediterranean Commission on Sustainable Development (MCSD)-one every two years	Meeting of the MCSD successfully organized, leading to conclusions and recommendations to the Contracting Parties	Secretariat with support from the MAP components	At least 2 coordination meetings per year between the EU SDN and MSSD implementation mechanisms	All RACs, OECD, UNDESA				45		50*
-CP Decisions 20-05	Meetings of the Steering Committee of the Mediterranean Commission on Sustainable Development (one per year)	Meetings of the Steering Committee of the MCSD successfully organized, leading to conclusions and preparation for the MCSD meeting	Secretariat	Implementation of additional 2020 Initiatives through the MSSD implementation process		20		10	20		10
Total						50		70	65		60

* Financial support expected from Host Country (at least two-thirds of MCSD meeting cost from EU and one-third from other countries).

I.5 Communication and Public Information

a. Goal

The general public and partners are aware and better informed about MAP activities and achievements within the framework of the Barcelona Convention and its Protocols for the promotion of sustainable development in the Mediterranean.

b. Objectives

In order to achieve the overall goal, the following objectives are to be met:

1. To enhance the environmental awareness of the population;
2. To enhance visibility of MAP and the Contracting Parties in the effort to implement the Barcelona Convention and its Protocols as well as the MSSD
3. To launch and Implement coordinated information campaigns and special activities on environmental protection, directed towards decision-makers, as well as children, students, teachers and tourists, underlining the importance of public participation in their conservation and management;
4. To continue and expand publication and distribution of brochures, leaflets, posters, reports, newsletters and other information material, as well as the use of the media in all its forms;
5. To enhance and strengthen the exchange of information and experience on environmental problems of the region, and to develop cooperation and networking in this field.

All the activities proposed by the Coordinating Unit for the 2010-2011 biennium have been identified in line with the objectives listed in the MAP Phase II document (section 2.4) about public awareness and participation as well as the Information Strategy adopted by the Meeting of the Contracting Parties in 1999 in Malta, and decisions of the meeting of the Contracting Parties in Catania and in Portoroz.

The key objective for the forthcoming biennium is the elaboration of a revised Information and Communication Strategy. Such framework will allow MAP and its components to define and develop ad hoc communication activities that will serve the reviewed needs of the organization.

Such strategy will have to complement the new communication and information strategy that both UNEP and DEPI are currently developing, and respond to the arising challenges and issues witnessed in the Mediterranean region.

The revised strategy will be developed following the findings and analysis of the external evaluation of MAP's outreach activities conducted in the course of the current biennium.

It will have to provide all MAP components with the appropriate analytical elements to identify the tools and communication activities that should be prioritised in order to accomplish the goals of the organisation.

It is crucial that MAP and Contracting Parties' expertise is translated and adapted in communication tools that can reach international, regional, national and local communities, in particular sectors of the Mediterranean society which are less exposed to relevant environmental information.

The objective is to build on the existing internal communication, to develop an effective and targeted external communication plan, addressing external stakeholders and target groups, and strengthening MAP's voice in the international political arena.

In particular it should ensure the consolidation of awareness and information at local and national, as well as regional, levels in addition to ensuring the rapid circulation of scientific research results. In close coordination with the regional activity centre for information and communication, importance will also be given to the dissemination of available data by various means, including the media, concerning the state of habitats and populations and the threats affecting them.

It is crucial that policy and communication activities complement each other, and are therefore developed hands-in-hands following the same vision and objectives. In particular communication tools must be developed to support the political objectives and therefore find their *raison d'être* in the political strategy.

Communication and Public Information

<i>Policy Relevance</i>	<i>Activity</i>	<i>Expected outputs for the biennium 10-11</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
MAP Phase II Decision IG 17/5 On the Governance Paper	Review of MAP Information Strategy. Following the revision, the needed outreach activities are organized to apply the revised strategy.	A revised and upgraded information strategy for MAP outreach activities is developed. Specific outreach activities identified by the new strategy are organized.	Secretariat; INFO/RAC Other MAP components	The revised communication and information strategy is prepared finalised in close consultation with all components and submitted for approval Ad hoc outreach activities developed following the revised guidelines are organized.	- UfM - EEA - NGOs	50			10		
MAP Phase II 11 th meeting of the CPs 15 th meeting of the CPs	Events to promote MAP visibility and increase public awareness	More thematic school kits are developed in cooperation with the Yann Arthus Bertrand Foundation Ad hoc outreach activities are organized in conjunction to events such as Mediterranean Day; World Water Forum; environmental festivals in the region, etc.	Secretariat; YAB Foundation	Thematic school kits are produced and distributed on key environmental issues in the Mediterranean region. Outreach activities or/and materials are produced around specific events identified as priorities by the MAP Secretariat and the ECP.	- Secretariat - ECP - YAB Foundation - NGOs	30		15	15		
MAP Phase II; 11 th meeting of the CPs 15 th meeting of the CPs	Produce MedWaves magazine	3 thematic issues of the MAP magazine per year in 3 languages are written, produced and circulated	Secretariat; ad hoc contributions by all RACs; MAP Partners	Medwaves magazine is published and distributed in 3 languages, both electronically and printed	- RACs	40			30		
Secretariat mandate 11 th meeting of the CPs 15 th meeting of the CPs	MedWaves monthly newsletter	Issue a monthly electronic newsletter with updates on MAP components, UNEP and environmental issues	- Secretariat	The e-newsletter is produced and distributed	- UNEP news - RACs newsletters						

<i>Policy Relevance</i>	<i>Activity</i>	<i>Expected outputs for the biennium 10-11</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
Secretariat mandate 11 th meeting of the CPs 15 th meeting of the CPs	Publications of MTS requests	Ongoing requests from RACs to support the publication of MTS reports on thematic issues.	RACs; Secretariat for production	MTS are produced on CD ROM and distributed	- RACs activities	7			3		
Secretariat mandate 11 th meeting of the CPs	MAP Library upgrading	Library is regularly upgraded and reference documents made available on line	Secretariat	More frequent use of the library and reference documents is made	- RACs - International Network of Libraries	5					
COP 14	MAP website regular upgrading in EN, FR , Arabic	Website is operational and regularly updated	Secretariat; RACs	access to information is facilitated and MAP website used as reference on Mediterranean issues	- InfoMAP - Horizon 2020 - MSSD - GEF - RACs - NGOs - COPs	3			2		
MAP Phase II 14 th , 15 th meeting of the CPs	Promotion of MAP activities through the media	Guarantee ad hoc communication materials and/or coverage with selected media on key issues identified by MAP components (COP15; conferences; national activities). Media attendance at COP.	Secretariat; InfoRAC; RACs; NFPS	Frequency of exposure in the media and publications of activities by MAP and its components	- RACs activities - MSSD - MEDPOL	12			9		
TOTAL						147			69		

II. COMPONENTS

II.1 Land-Based Pollution (MED POL)

Sub-programme 1: Implementation of the LBS, Dumping and Hazardous Wastes Protocols

GOAL

To facilitate the implementation of the LBS Protocol and the Strategic Action Programme (SAP), the Dumping Protocol and related guidelines according to Article 6.2 and the Hazardous Wastes Protocol, and their entry into force.

Objectives

- 1- To facilitate the financing of National Action Plans (NAPs)
- 2- To develop a methodology for the quantification of inputs from diffuse sources in the framework of the GEF Strategic Partnership
- 3- To implement a mechanism for a differentiation approach in the pollution reduction process of the NAPs
- 4- To launch policy reform demonstration projects in the framework of the GEF Strategic Partnership (SP) related to tanneries, lubricating oils, batteries and fertilizers
- 5- To provide technical assistance to countries to facilitate the implementation of the Dumping Protocol and its guidelines in cooperation with IMO
- 6- To contribute to and facilitate the implementation of the action plan to combat the illegal traffic of hazardous wastes in Arabic countries
- 7- To implement demonstration projects for the management and disposal of PCBs in the framework of the GEF Strategic Partnership.

As a result of the endorsement by the Contracting Parties of National Action Plans (NAPs) to address land-based pollution, MED POL will continue to work closely with national and regional initiatives (EU Directives, European Investment Bank (EIB), Union for the Mediterranean, EU Horizon 2020 initiative), and with international financial institutions (GEF and World Bank) to ensure the financing of the priority actions of the NAPs.

In addition, with the assistance of regional experts, the Secretariat, within the framework of the GEF SP will review the state-of-the-art quantification of inputs into the marine environment from diffuse sources, in order to identify a reliable process which could be used to assess the magnitude of inputs of pollutants from diffuse sources and to develop an appropriate regional policy to address this issue.

During the 2008-2009 biennium MED POL developed, through a region-wide consultation process with representatives of Contracting Parties, stakeholders and NGOs, a differentiation mechanism based on Emission Limit Values (ELVs) to be applied in the revision of NAPs and the development of regional plans and programmes including legally binding measures and timetables required by Article 15 of the LBS Protocol. During the biennium, in consultation with the Parties, the Secretariat will continue to work on the finalization of a document describing the process of implementation of the adopted differentiation mechanism with a view to having it adopted by the Contracting Parties in 2011.

MED POL will continue the formulation of the regional plans/programmes required by Article 15 of the LBS Protocol. During the biennium the Secretariat will prepare draft plans for a priority substance (Mercury), a priority sector (food sector) and the chemicals included in 2009 in Annex A of the Stockholm Convention. The regional plans/programmes would be prepared on the basis of the differentiation mechanism and through a region-wide consultation process with national authorities and stakeholders.

MED POL was not able to launch the implementation of its related activities in the framework of the GEF Strategic Partnership on account of some delays in its actual launch. MED POL therefore expects to launch, during the 2010-2011 biennium, five pilot projects in Turkey, Algeria, Lebanon and

the Syria in four industrial sectors (tanneries, lubricating oils, batteries and fertilizers) that will be replicated through the overall GEF replication strategy and also a pilot project for the development of ELVs and Environmental Quality Standards (EQS).

MED POL, in close cooperation with the Secretariat of the London Convention and the relevant national authorities and stakeholders, will continue to provide legal, institutional and technical assistance to facilitate the implementation of the guidelines developed under Article 4.2 of the Dumping Protocol. The Secretariat will start providing assistance to the Contracting Parties for the establishment of National Threshold Limit Values (NTLVs) to assess the toxicity of dredged materials to be used by national authorities as an element of the permitting system on the basis of the guidelines which are expected to be reviewed by the NFPs. In addition MED POL will publish a regional map exhibiting the sites of dumping of ammunitions for the use of maritime agencies, port authorities, fishermen, local communities, etc. Finally, MED POL will continue to work closely with IMO to promote the implementation of the guidelines on waste management developed by the London Convention.

As a follow-up to the risk assessment on Co₂ sequestration in the geological substructure of the sea which is under preparation with the assistance of the Spanish Government, negotiations will be carried out with the Contracting Parties with a view to possible amendment of Article 4.2 of the Dumping Protocol. If funds are made available, a meeting of government-designated experts could be held to discuss the result of the assessment and to decide on the next steps.

In cooperation with the Basel Convention Secretariat and its Regional Centres in Bratislava and Cairo, MED POL will finalize the regional assessment on the management of e-waste prepared in 2009 in order to propose to the Contracting Parties in 2011 a regional action plan in line with Basel Convention provisions.

In cooperation with the Basel Convention Secretariat and its Regional Centre in Cairo, MED POL will assist in the implementation of the strategy and an action plan for the control of illegal traffic of hazardous wastes in the Arab countries which was developed in 2009. In particular, the proposed activities which MED POL would support are as follows:

1-Development of a database of internationally banned hazardous chemicals and wastes and a methodology to detect them,

2-Preparation of a training manual for customs and port authorities to detect smuggling and illegal trade of internationally banned hazardous chemicals and wastes. In this context, MED POL will extend the mandate of the Mediterranean Network on Compliance and Enforcement of Legislation to include coordination between port authorities/inspectors to build their capacity in preventing and combating illegal transboundary movements of hazardous wastes. This issue will be included in the agenda of the next meeting of the Network scheduled for November 2009.

As part of the activities of the recently approved GEF Strategic Partnership, MED POL, in cooperation with CP/RAC, will launch five demonstration projects for the environmental management and disposal of PCBs in Albania, Egypt, Syria, Libya and Lebanon. The projects aim at the implementation of a national capacity- building programme on how to perform a disposal process (selection, confinement, authorization, shipment and disposal) for oils and equipment contaminated with PCBs in selected demonstration sites together with a nation-wide capacity-building programme for stakeholders and the public on the environmental and health issues involved in the management of PCBs. As a result of the five-year project, it is expected that 800 tons of PCBs will be disposed through the implementation of the demonstration projects. The activities on PCBs as part of the SP are considered a concrete contribution to the implementation of the NAPs and the NIPs of the Stockholm Convention.

Policy Relevance	Activity/Action	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/Indicators	Challenges and Risks	Related initiatives/Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
							MTF	EC	EXT	MTF	EC	EXT
	<i>Implementation of the LBS Protocol</i>											
Recommendation II A 1.2 of Contracting Parties Meeting in Portoroz 2005	In cooperation with Contracting Parties, contacts will be kept with international donors and financing bodies (EC, EIB, GEF, WB, etc.) to ensure the financing of NAPs priority actions (joint work with the MeHSIP consultant, participation at H2020 WG, work with GEF SP coordination team and participation at GEF SP Steering Committee)	NAPs' pollution reduction interventions taken by donors as the basis for financing	MED POL	NAPs priority actions pipelined for financing in 7 countries	Terms of loans not accepted by countries	- Horizon 2020 - GEF-SP	5			5		
-LBS Art.1 and Art. 4 -Decision 17/7 of Almeria	Preparation of assessment of the order of magnitude of nutrients from diffuse sources - Implementation of GEF SP agreed activity (consultants and a meeting)	Quantification of releases from rivers and watershed	MED POL with relevant Mediterranean institutions	Assessment prepared	Insufficient data for the preparation of the assessment	- GEF SP - EUROHARP	7		78 GEF	7		18 GEF
- LBS Art.5 and 15 - GEF SP	Implementation of pilot projects in demonstration sites in Turkey, Algeria, Lebanon, Syria related to tanneries, phosphogypsum, lube oil and lead batteries	National policy reforms for setting national standards for releases of pollution	MED POL in cooperation with CP/RAC and UNIDO and Contracting Parties	Standards adopted by competent authority	Lack of cooperation from national authorities	GEF-SP	35		170 GEF	80		140GEF

<i>Policy Relevance</i>	<i>Activity/Action</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Challenges and Risks</i>	<i>Related initiatives/Partnerships</i>	<i>Approved Budget</i>					
							<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
							<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
- LBS Art.5 and 15 - Decision 17/8 of Almeria	Formulation of measures for priority substances and sectors integrating the differentiation mechanism (consultants)	- Measures for priority substances: mercury - Measures for priority sectors: Food sector - Measures for 9 chemicals recently added to Annex A of Stockholm Convention	MED POL in cooperation with CP/RAC and Contracting Parties Secretariat	Measures prepared and submitted to Contracting Parties	Lack of agreement on measures and timetables	Stockholm Convention Initiative Horizon 2020	30			10		

Policy Relevance	Activity/action	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/Indicators	Challenges and Risks	Related initiatives/ Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
							MTF	EC	EXT	MTF	EC	EXT
	<i>Implementation of the Dumping Protocol</i>											
Dumping Protocol Art.6.2	1. Organization of national stakeholders' meeting. 2. Development of NTLVs for one Mediterranean Country (consultant) 3. Printing and publishing the regional map for dumping of ammunitions	1. One national stakeholders meeting held 2. NTLVs developed in one country 3. map on dumping of ammunitions and guidelines is printed and disseminated	MED POL in cooperation with relevant Contracting Parties and the London Convention secretariat	1. Institutional set ups and cooperation among national stakeholders improved. 2. NTLV submitted for approval by the national authority 3. Map distributed to all countries and stakeholders	-Poor cooperation of stakeholders. -availability of data and information	London Convention activities	15			10		
Report Almeria IG17/10 Annex V	Negotiations with CPs on Co ₂ sequestration (meeting)	Possible amendment of Dumping Protocol	MED POL with cooperation of CPs Secretariat	Possible proposal to amend "Dumping Protocol" to be submitted to the 17 th Contracting Parties meeting		-London Convention -OSPAR -Spanish Government			30			

Policy Relevance	Activity/action	Expected outputs for the biennium 010-011	Responsibility	Achievements/ Indicators	Challenges and Risks	Related initiatives/ Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
							MTF	EC	EXT	MTF	EC	EXT
	<i>Implementation of the Hazardous Wastes Protocol</i>											
- Hazardous Wastes Protocol Art.5 -GEF SP	Implementation of PCB component of GEF Strategic Partnership. Learning by doing demonstration projects in Albania, Egypt, Lebanon, Syria and Libya (meetings, consultants)	Updated inventories of oils and equipment. Training national experts on the chain of environmental sound disposal of PCBs in electricity companies	MED POL in cooperation with CP/RAC and national authorities	- 5 Inventories updated - national experts trained on inventories and confinement in 5 countries	-lack of cooperation of relevant authorities. -Inventories not completed.	GEF SP	40		25 GEF	25		440 GEF
- Hazardous Wastes Protocol Art.5.5 and 8 - Almeria report IG 17/10 Annex V	Implementation of selected activities of the action Plan to combat illegal traffic of hazardous waste in Arabic countries: 1) preparation of data base for banned hazardous waste and chemicals and 2) training manual for ports officers and inspectors (consultants)	1. data base for banned hazardous waste and chemicals 2. training manual for ports officers and inspectors	MED POL in cooperation with Contracting Parties, BC, BCRCs	1. Data base is operational 2. Training manual for ports officers and inspectors is prepared and disseminated.	Availability of data	Basel Convention and its BCRC	25			10		

Sub-programme 2: Assessment of the implementation of LBS, Dumping and Hazardous Wastes Protocols

GOAL

To monitor the effectiveness of national measures taken to implement the Protocols

Objectives

- 1- To develop effectiveness indicators
- 2- To assist countries in formulating and establishing national monitoring programmes in compliance with Article 12 of the Convention and Article 8 of the LBS Protocol
- 3- To assess the state of marine pollution in the Mediterranean and determine its trends
- 4- To assess the level of reduction of inputs from point sources
- 5- To develop a comprehensive set of marine pollution indicators

During the 2008-2009 biennium, in close cooperation with Coordinating Unit and the relevant RACs, MED POL developed a set of indicators to assess, in accordance with Article 26(b) of the Convention, the effectiveness of the implementation of the LBS, Dumping and Hazardous Waste Protocols and the related programmes of measures. In the current biennium, in cooperation with MED POL, the countries will assess the relevance and the feasibility of such indicators on the basis of data available. As a result of the assessment, a set of indicators will be proposed to Contracting Parties for adoption in 2011.

According to Article 12 of the Barcelona Convention all Contracting Parties shall establish monitoring programmes and designate the competent authorities responsible for pollution monitoring. In addition, Article 8 of the LBS Protocol stipulates that these monitoring programmes should aim to systematically assess, as far as possible, the levels of pollution.

The monitoring activities in MED POL Phase IV are designed on the basis of the above and with the following specific objectives:

- to determine temporal trends of some selected contaminants in the coastal waters and specifically in hot-spot areas in order to assess the effectiveness of policy measures and actions taken ;
- to undertake periodical assessments of the state of the environment in hot spots and general coastal areas (needed to provide information for decision makers on the basic environmental status of the areas which are under anthropogenic pressures), and
- to control whether there is compliance with national / international regulatory limits.

As Contracting Parties are responsible for establishing national monitoring programmes that would include state and trend monitoring, compliance monitoring and monitoring of loads (NBBs), during the 2010-2011 biennium every effort should be made to complete the full geographical coverage of the region with appropriate programmes and the provision of data and results. In particular, an assessment will be made by the Secretariat of the current monitoring strategy with the aim of improving it and streamlining it, ensuring the provision of data and contributing to the revision of its objectives.

Financial assistance will be provided by the Secretariat to those countries that are still in need, according to the availability of funds. In addition, every effort will be made to seek additional funds through external sources for capacity- building and technical assistance, also taking account of the additional efforts that countries will have to make as a result of the expected implementation of the adopted regional plans.

Contracting Parties are encouraged and assisted to also undertake biological effects monitoring and eutrophication monitoring, as appropriate. Baseline studies will continue in cooperation with ongoing projects to cover the South-eastern Mediterranean.

Data Quality Assurance (DQA) is vital to ensure reliable and good quality data. IAEA will continue to be responsible for chemical contaminants (trace metals and organics) in biota and sediments, by organising intercalibration exercises and hosting training courses for Mediterranean scientists. Increased efforts will be made to ensure the follow-up of DQA in the participating laboratories, through

additional training and visits, as needed. Nutrients and chlorophyll-a data intercalibration will be organized using QUASIMEME services, and the University of Alessandria (Italy) will be responsible for biomarkers intercalibration. MED POL will assist laboratories in participating in the DQA activities. Specifically, for biological effects, a joint workshop will be organized with the participation of laboratories from MED POL, OSPAR and HELCOM, to discuss the results of the intercalibration and to seek possible harmonization of methodologies and assessment criteria.

The process for updating the reference methods for monitoring and analysis will continue in 2010 with the support of IAEA taking into consideration the importance of harmonizing methodologies.

As was indicated in the approved MED POL Phase IV programme, compliance monitoring will focus mostly on the monitoring of inputs of loads of pollutants which could reach the marine environment directly or indirectly from point sources in administrative region(s) and at national level. Accordingly, in the 2010-2011 biennium MED POL will assess the level of reduction of pollution between 2003 and 2008 on the basis of the results of the new updated NBBs and produce a document related to compliance monitoring. This work will facilitate and improve the assessment of loads from industrial point sources

The regional and national assessments of the status of the generation of data and information to assess marine pollution indicators (MPIs), which were performed by regional and national experts, will continue in order to prepare "fact sheets" to be used by the countries. The Secretariat will continue its efforts to harmonize the generation of data and information in order to have a consolidated, comprehensive and reliable set of indicators which would be used at a later stage to develop the DPSIR indicator-based State of Environment (SoE) report. To this end, MED POL will continue to work closely with EEA, JRC and Blue Plan to harmonize activities and will provide technical and financial assistance to national institutions responsible for the monitoring programmes.

Policy Relevance	Activity/action	Expected outputs for the biennium 10-11	Responsibility	Achievements/ Indicators	Challenges and Risks	Related initiatives/ Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
							MTF	EC	EXT	MTF	EC	EXT
Art. 12 of the Convention and art. 8 of LBS protocol Decision 17/7 of Almeria	Technical and financial assistance provided to countries for the formulation/ implementation of national monitoring programmes including health-related monitoring	National monitoring programmes formulated and implemented and data provided	Contracting Parties in cooperation with MED POL	8 agreements signed; data generated	Administrative delays in finalization of agreements and delivery of reports		90			90		
Decision 17/7 of Almeria	Preparation of assessment of trends of pollutants inputs (consultant)	Report on regional and country by country trends	MED POL	Report submitted to CPs	Insufficient time series of data		15			5		
Art 26 of the Convention	Testing of effectiveness indicators and assessment of national reports (consultants)	-Testing report prepared -Nat. reports assessment	Contracting Parties and MED POL	Relevance of each of the indicators assessed	Data not made available			5			5	
Decision 17/7 of Almeria	Technical and financial assistance to countries for the formulation/ implementation of eutrophication and biomonitoring programmes	Pilot projects on eutrophication and biomonitoring implemented and data provided	Contracting Parties with MED POL assistance	Two projects implemented and data provided	Administrative delays in finalization of agreements and delivery of reports		20			15		
Decision 17/7 of Almeria	Financial assistance to countries to participate in baseline surveys and organization of one meeting	Participation of Mediterranean Institutes in baseline surveys and provision of relevant data	MED POL	Participation of two countries in the survey supported and one meeting organized	Delays in the finalization of agreements	IFREMER	20			30		
Decision 17/7 of Almeria	Development and/or updating of common monitoring and analytical methodologies (IAEA expert)	Updated monitoring and analytical methodologies	MED POL in cooperation with IAEA	Methodologies updated		IAEA			10			

Policy Relevance	Activity/action	Expected outputs for the biennium 10-11	Responsibility	Achievements/ Indicators	Challenges and Risks	Related initiatives/ Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
	Assessment of the implementation of the Protocols						MTF	EC	EXT	MTF	EC	EXT
Decision 17/7 of Almeria	Implementation of Data Quality Assurance Programmes related to 1. Chemical contaminants 2. Biomonitoring 3. Eutrophication	Improved quality data	MED POL with: 1. IAEA 2. Alessandria Univ., Italy 3. QUASIMEME	6 intercalibration exercises carried out	Lack of participation of laboratories	1. IAEA 2. DISAV 3. QUASIMEME	120			120		
Decision 17/7 of Almeria	Development of Marine Pollution Indicators (MPIs) for the assessment of the state of the environment (consultants and one expert meeting)	Fact sheets finalized	MED POL	Fact sheets finalized		EEA BP	20					

Sub-programme 3: Use of implementation tools

GOAL

To build the capacity of national authorities for reporting, information gathering, transfer of technology, inspectorate systems and monitoring.

Objectives:

- 1- To make the MED POL information system operational
- 2- To promote the transfer of technology
- 3- To implement PRTRs
- 4- To ensure proper implementation of monitoring
- 5- To assist countries in strengthening their inspectorate systems

As a result of the close cooperation between MED POL and INFO/RAC, it is expected that the MED POL information system will be fully operational in 2010. It will comprise two modules: an intranet which would improve communication between the MAP Secretariat staff, the Contracting Parties and stakeholders, and an online reporting system for trends and compliance monitoring.

Facilitating and enhancing the transfer of technology and know-how among Mediterranean Countries is an important tool to ensure the effective implementation of NAPs. In this context, MED POL will continue to cooperate with CP/RAC to implement specific activities related to the transfer of know-how and clean technology.

PRTR is gaining more and more importance as an efficient tool for the sound management of industrial pollution and management of chemicals at global and regional levels. MED POL will continue to provide technical and financial assistance to Turkey to finalize the full-size project, to the Syria to expand the PRTR system to cover additional coastal environmental directorates, and to Morocco to expand the pilot project into a full-size project. As a result of a change in priorities leading ICS-UNIDO to interrupt its contribution to the implementation of the PRTR activities, MED POL undertook constructive contacts with ED –DG Environment and Italy to ensure partial sponsorship for the implementation of its PRTR programme. The full implementation of the proposed programme is therefore subject to the availability of funds and technical assistance from potential partners.

IAEA-MESL will continue to organize training courses related to the analysis of heavy metals and organics for monitoring. MED POL will conduct a survey in the countries to determine whether new or additional training courses are required, taking into consideration the implementation of the ecosystem approach by the Contracting Parties, as well as the need to ensure harmonization with the EU Member States' monitoring programmes to be developed in the framework of the Marine Strategy Framework Directive and the Water Framework Directive.

National training courses on wastewater treatment plants operation and management and re-use of the treated effluents will continue to be organized, also serving as a contribution to mitigation of climate change effects. Regarding the strengthening of inspectorate systems in the countries, the regular meeting of the Network on Compliance and Enforcement will be held in 2011; it will highlight the specific needs of the countries in using the compliance and enforcement indicators and will suggest specific activities for the implementation of the indicators. Assistance for technical, institutional and organizational issues will continue to be provided to countries upon request. As mentioned earlier, at the meeting of the Network to be held at the end of 2009, MED POL will review the possibility of extending its mandate to cover port inspectors and include activities related to the control of illegal transboundary movements of hazardous waste.

The activities related to inspection systems included in the GEF Strategic Partnership have been delayed on account of the late launching of the project, now expected in mid-2009. As a result, the following countries will benefit from the activities: Albania, Bosnia and Herzegovina, Croatia, Lebanon, Montenegro, Morocco, Syria and Turkey. The activities in each country are expected to last for one and a half years, while the whole project will last five years to cover all countries. It is expected that during 2009-2010, two countries will participate in the activities. The work will include the formulation of plans of action for permitting, compliance and inspection, the training of national inspectorates through workshops and the drafting of amended national legislation in relation to inspection systems. Therefore, an initial meeting to consider the existing legislation will be organized at national level, followed by a national workshop and, at the end of the one-and-a-half-year period, a final meeting with the aim of proposing potential amendments to existing legislation.

Policy Relevance	Activity/action	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/ Indicators	Challenges and Risks	Related initiatives/ Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
							MTF	EC	EXT	MTF	EC	EXT
	Use of implementation tools											
LBS Art. 10 Decision 17/7 of Almeria	Two national Training courses on Wastewater Treatment Plant Operation, Management and reuse	Two national training courses organized	WHO/MED POL in cooperation with the Contracting Parties	40 trained technicians/managers	Lack of interest in the countries		15			15		
Decision 17/7 of Almeria	Organization of 4 Training courses on the analysis of chemical contaminants	4 training courses organized	MED POL in cooperation with IAEA	20 trained scientists			20			20		
Decision 17/7 of Almeria	Development of MED POL Information System Development of plotting and GIS modules	Construction of MED POL Information System completed	MED POL with cooperation of INFO/RAC and Contracting Parties	System operational			10			10		
LBS Art. 9,10 Decision 17/7 of Almeria	Organization of joint MED POL/ CP/RAC national workshops on BAT and BEP for the disposal of POPs	Two workshops organized	-MED POL -CP/RAC	Improved knowledge on BAT nad BEP for 20 technicians	Lack of interest of countries	CP/RAC				10		

Policy Relevance	Activity/action	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/Indicators	Challenges and Risks	Related initiatives/Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
	Use of implementation tools						MTF	EC	EXT	MTF	EC	EXT
LBS Art. 6 Decision 17/7 of Almeria	1. Meeting of Inspectors' network on compliance and enforcement of legislation 2. Provision of technical, institutional, organizational, financial assistance provided to two countries for strengthening the inspectorate systems (4 national meetings and two training courses)	1. Identification of problems and implementation of compliance and enforcement indicators 2. Meetings and training courses held	WHO/MED POL Secretariat	1. Finalization of compliance and enforcement indicators 2. Assistance provided to two countries		GEF SP MAP reporting system	10		28 GEF	48		28 GEF
Decision 17/7 of Almeria	1. Finalize PRTR full size project in Turkey (technical assistance) 2. Launch PRTR full size project in Syria and Morocco (technical assistance and meeting) 3. Follow up the implementation of PRTR project in Egypt (country visit).	Reporting system and data bases established	MED POL in cooperation with and Contracting Parties	PRTR systems operational in Turkey, Syria and Morocco	Availability of external funds	EC (EPER) UNECE MAP reporting system	10	10		10		

Sub-programme 4: Physical alteration and destruction of habitat

GOAL

To reduce the impact on the marine environment of litter and sea water desalination plants

Objectives

- 1- To prepare a targeted awareness campaign on impacts of desalination plants
- 2- To develop a regional action plan for litter management

The issue of marine litter in the region has two origins: inadequate coastal solid waste management (mostly in the southern and eastern countries) and lack of awareness of sea users such as beach-goers, tourists, maritime traffic, fishermen etc. In this framework, MED POL with the assistance of regional expert(s) and in coordination with UNEP RS launched in 2009 the process aiming at developing a regional action plan for litter management. A draft strategy for the reduction of marine litter in the Mediterranean was prepared and it will be further refined during the biennium 2010-2011 and completed by a feasibility study including the costs of its implementation. The strategy will be submitted to the Contracting Parties for consideration at their meeting in 2011.

The need for desalting sea water is becoming more and more pressing in the Mediterranean, where water needs are constantly increasing. It is estimated that by 2010 water demands in the region will increase by 32% at least for the southern and eastern countries. As a result, during the 2010-2011 biennium the Secretariat will carry out a survey of the current status and expected developments of desalination in the region that will be shared among all countries. In addition, MED POL will continue to assist the relevant national authorities and stakeholders on issues related to planning for desalination plants, siting, EIA and capacity- building programmes.

Policy Relevance	Activity/action	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/ Indicators	Challenges and Risks	Related initiatives/ Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
							MTF	EC	EXT	MTF	EC	EXT
	<i>Physical alteration and destruction of habitats</i>											
LBS art. 5 Decision 17/7 of Almeria	1) Provide technical assistance to Mediterranean Countries upon request on sound management of desalination plants through experts and countries visit by making use of training and fellowship budgets 2) Preparation of an assessment of current developments in seawater desalination in the region	1) Missions to countries and Guidelines distributed 2) Assessment prepared	MED POL	Mission reports Assessment report		-European Desalination Society (EDS) -NGOs -CP/RAC				10		
Art 5 LBS Decision 17/7 of Almeria	Development of a regional strategic action plan for litter management including assessment of its financial implications (consultant)	Strategic Action Plan	MED POL	Strategic Action Plan submitted to CPs	Lack of national resources for its implementation	UNEP RS GPA NGOs	5					

Sub-programme 5: Public health

GOAL

To assess and reduce sewage pollution reaching the Mediterranean and to improve the quality of bathing and shellfish-growing waters and reduce health risks from tourist establishments

Objectives

- 1- To assist countries in the better management and operation of municipal wastewater treatment plants and use of treated water.
- 2- To assist countries in the implementation of monitoring of bathing waters and shellfish-growing areas.

The Mediterranean and its coastal areas constitute the receiving body for a number of wastes generated on the coast, and thus the main recreational amenity provided by the sea for local populations as well as millions of tourists who visit the area annually is seriously threatened. One of the overall objectives of MED POL Phase IV is the assessment of all point sources and loads of pollution reaching the Mediterranean and the magnitude of the problems caused by the effects of contaminants on living and non-living resources, including human health, as well as on amenities and uses of the marine and coastal regions. Therefore, the draft guidelines on coastal bathing waters will be presented in their final form taking into consideration the results of the implementation of the pilot projects related to the preparation of bathing waters quality profiles with a view to approval by the Contracting Parties in 2011. The guidelines will also provide input to the preparation of a number of bathing waters profiles in countries willing to do so and according to the proposed methodology. The implementation of the guidelines in their final form, including the profiles, will be discussed along with shellfish-growing areas' activities at a consultation meeting to be held during the biennium. A blind intercalibration exercise will be organized during the biennium for health-related monitoring activities. The methodology consists in analysing prepared samples sent to the laboratories and in discussing the results at a meeting. The discussion will lead to the adoption of the proposed guidelines.

The methodology for the preparation of action plans related to health risks in tourist establishments will be finalized, with the purpose of preparing appropriate guidelines for the hotel industry.

For the implementation of the Millennium Development Goal concerning sanitation and the work on river basin management, a list of wastewater treatment plants in cities with more than 2,000 inhabitants discharging in rivers that flow into the Mediterranean has been prepared. Taking into consideration that the assessments of the treatment plants in Mediterranean cities discharging directly or indirectly into the sea were prepared in the year 2000, an updating of the situation is necessary and will be made during the biennium along with the estimation of trends for the decade. As a further contribution to the climate change issue, a set of compliance indicators for the operation and maintenance of wastewater treatment plants will be prepared, so as to safeguard the re-use of the treated effluents. In addition, contingency planning will be developed for the purpose of providing guidance in extreme weather events, especially in flooding situations, within the framework of adaptation to climate change. For the implementation of the guidelines on the reuse of treated wastewater, it is expected that at least three national training courses on the subject will be held, as some countries have already expressed their interest in the subject. The training material will be translated into several languages (as required) to satisfy the needs of the different courses.

Policy Relevance	Activity/action	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/ Indicators	Challenges and Risks	Related initiatives/ Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
							MTF	EC	EXT	MTF	EC	EXT
	Public health											
-LBS Art. 7 Decision 17/7 of Almeria	-Organization of a meeting for the finalization and approval of Guidelines along with quality profiles on bathing waters -Preparation of bathing waters quality profiles (national consultants)	-Approval of Guidelines. -Sixty bathing waters quality profiles in eight countries	WHO/MED POL with the assistance of Contracting Parties	Sixty beach profiles in eight countries	Lack of participation of countries	WHO	55		10 WHO	15		10 WHO
Decision 17/7 of Almeria	Blind Intercalibration exercise for bathing waters quality (consultant)	Improved quality of bacteriological analyses	WHO/MED POL with Contracting Parties participation	Participation of 15 laboratories	Lack of interest of institutes				10			
Decision 17/7 of Almeria	Preparation of Guidelines for environmental health risks in tourist establishments (consultant)	Guidelines prepared	WHO/MED POL with the assistance of Contracting Parties	Guidelines agreed		WHO	5		10 WHO	5		10 WHO
-LBS, Art. 8	1) Assessment of levels of pollution from wastewater treatment plants discharging into the sea (consultants) 2) Development of compliance indicators of WWTP for water reuse (consultant) 3) Preparation of contingency plan for WWTP in extreme weather events (consultant)	1) Assessment prepared 2) Compliance indicators developed 3) Contingency plan prepared	WHO/MED POL with the assistance of Contracting Parties	1) Assessment prepared 2) Compliance indicators developed 3) Contingency plan prepared	Lack of provision of information from countries	WHO MAP reporting system	30			15		
Decision 17/7 of Almeria	1) Organization of three Training courses on implementation of guidelines on wastewater reuse 2) Technical, institutional, organizational and financial assistance to countries for the reuse of treated wastewaters upon request	1) Three national training courses to be organized 2) Technical, institutional, organisational & financial assistance provided	1) WHO/MED POL in collaboration and cooperation with Contracting Parties 2) WHO/MED POL on request of Contracting Parties	1) 60 experts trained in three countries 2) Assistance provided at least to two countries			15			30		

Sub-programme 6: *Institutional arrangements and cooperation including Stakeholder involvement and public outreach*

GOALS

- 1- To better coordinate MED POL activities with national authorities
- 2- To achieve broad and solid cooperation with all relevant international, regional and national actors to further improve the results of the MED POL programme for the benefit of the countries
- 3- To facilitate the implementation of NAPs at national and local levels through stakeholder participation
- 4- To improve and widen knowledge of MED POL activities and achievements

Objectives:

- 1- To maintain and strengthen cooperation with the scientific community
- 2- To maintain and improve cooperation with the relevant United Nations bodies and Convention secretariats
- 3- To further cooperation and launch joint activities with RACs
- 4- To consolidate cooperation with EU and EEA
- 5- To ensure participation of NGOs in MED POL activities
- 6- To further cooperation with GEF, World Bank, EIB, FFEM and other relevant international and regional stakeholders
- 7- To maintain close cooperation with national authorities through meetings and contacts
- 8- To facilitate the involvement of national and regional stakeholders including the private sector in the implementation of NAPs
- 9- To establish a MED POL information system and implement the MAP strategy in relation to the MED POL activities

The ongoing work of the Mediterranean scientific community on marine pollution monitoring and assessment, such as CIESM and JRC, and on operational monitoring and observation systems, such as MOON and MED GOOS, will be closely followed up and cooperation will be strengthened.

Cooperation will also continue with WHO participation on a full-time basis, with IAEA and all other United Nations agencies/bodies carrying out work relevant to the various components of MED POL, with global and regional Convention secretariats and international and intergovernmental organizations. In this context a joint workshop with ICES (OSPAR) and HELCOM will be organized in 2010 on biological effects monitoring with the aim of harmonizing methodologies.

Cooperation will also be strengthened with RACs on the basis of their respective fields of competence and in the framework of the implementation of the ecosystem approach according to the adopted roadmap. Especially relevant for Phase IV of MED POL will be efficient and concrete cooperation with the European Commission in view of the relevance of its initiatives such as the Water Framework Directive, the Marine Strategy Framework Directive and the Horizon 2020 initiative.

Close cooperation will be maintained with all the relevant regional actors in the field of reporting to facilitate the efforts of the countries with different reporting obligations. In this connection, the successful work initiated with the European Environment Agency (EEA), in the framework of the signed joint work programme, will be continued and a formal protocol for the regular exchange of data will be proposed and discussed.

NGOs will continue to play a critical, key role in participating in the planning and implementation of MED POL activities. NGOs will be invited to attend MED POL meetings as appropriate and specific partnerships will be established to facilitate the implementation of specific activities at the local level. A constructive role by NGOs is also expected in the long-term implementation of the NAPs, as they were successfully involved in the formulation of the NAPs in a large number of countries.

Contacts and operational links will be intensified with regional and international donors and banks, such as the World Bank and the European Investment Bank, since their involvement could facilitate the implementation of the NAPs by the countries. As in the past, long-term partnerships will be sought with GEF and FFEM for projects and initiatives that could promote the implementation of MED POL

activities. As part of the GEF SP, an environmental economist will be recruited as a bridge between countries and donors and to assist countries in identifying the appropriate source of funding for the implementation of the NAPs.

As part of the process of preparation of regional plans/programmes, a meeting of government-designated experts will be held to examine additional draft regional plans/programmes before their submission to Contracting Parties as well as a new draft of the document describing the process of application of the differentiated approach that will be prepared by the Secretariat.

A proposal to establish permanent committees on programmes and measures and on monitoring will be made to the next Meeting of the Contracting Parties. During the biennium, the Secretariat will prepare draft mandates for both committees that will be reviewed by the MED POL Focal Points.

A number of meetings will be organized to facilitate coordination and improvement of the MED POL programme. Specifically, a meeting of MED POL Focal Points will be organized, as will a meeting to review monitoring activities.

The MED POL database will be properly managed and data will be made available for regional assessments. The MED POL Information System will also facilitate the dissemination of information throughout the region.

Finally, MED POL will continue to assist Mediterranean scientists to participate in relevant training courses and meetings.

As stakeholders have been actively involved in the process of the preparation of NAPs, MED POL, in cooperation with the Horizon 2020 initiative, GEF, WB and the appropriate NGOs, will provide assistance to national authorities for the organization of meetings to inform stakeholders about the status of the implementation of NAPs and promote the involvement of stakeholders about the follow-up and evaluation process. In addition, MED POL, in close cooperation with CP/RAC, will address regional associations of industry and business such as ASCAME, EUROCHLOR and other relevant associations to promote the implementation of NAPs in their field of action. Specific partnerships will be established, as appropriate.

MED POL, in cooperation with INFO/RAC, will implement the MAP information strategy and a system to increase the visibility of MED POL. In addition, it will assist national authorities in preparing national websites on MED POL.

Policy Relevance	Activity/action	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/ Indicators	Challenges and Risks	Related initiatives/ Partnerships	Approved Budget					
							2010 '000 euros			2011 '000 euros		
							MTF	EC	EXT	MTF	EC	EXT
	<i>Cooperation and Institutional arrangements</i>											
Decision 17/7 of Almeria	Organization of Joint ICES (OSPAR)/MED POL/HELCOM workshop on biological effects	Harmonization of methods and data reporting	MED POL in cooperation with ICES	Harmonized methodologies		ICES WGBEC, HELCOM	20					
Decision 17/7 of Almeria	National MED POL Focal Points meeting	Decisions on MED POL programme	MED POL	Programme properly coordinated with national authorities					40			
LBS Art. 15 and Decision 17/8 of Almeria	Government-designated expert meeting on programmes and measures related to mercury and food sector and chemicals from Annex A of Stockholm Convention	Meeting held	MED POL with the participation of Contracting Parties	Programmes and measures approved	Lack of agreement on programmes and measures		40					
Decision 17/7 of Almeria	Review Meeting on monitoring activities	Recommendations for improvement of monitoring activities	MED POL with the participation of Contracting Parties	Implementation of monitoring activities improved		Mediterranean scientific institutions			40			
GEF SP	Technical assistance to countries to facilitating the access to existing financial sources for the implementation of NAPs (financial expert)	-Financial expert recruited -Analysis of opportunities for long-term financing of NAPs	MED POL in cooperation with GEF and WB	Opportunities identified		WB, EIB			35		50 GEF	
Decision 17/7 of Almeria	Management of MED POL databases (consultant)	Properly managed databases	MED POL	Data and information properly handled and easily accessible			10		10			
Decision 17/7 of Almeria	Provision of assistance provided to scientists for training and fellowships (travel and subsistence)	Participation of MED POL participating scientists in training courses and meetings	MED POL	20 scientists participating at MED POL related scientific events			15		15			

<i>Policy Relevance</i>	<i>Activity/action</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility</i>	<i>Achievements/ Indicators</i>	<i>Challenges and Risks</i>	<i>Related initiatives/ Partnerships</i>	<i>Approved Budget</i>					
							<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
	<i>Public outreach and stakeholder involvement</i>						MTF	EC	EXT	MTF	EC	EXT
Decision 17/7 of Almeria	Maintenance of MED POL website	Increasing the visibility of MED POL at international and national level	MED POL	Website operational		MAP Information and communication strategy	5			5		
Decision 17/7 of Almeria	Preparation of information material on MED POL activities (consultants and printing costs)	Publications and information material prepared and disseminated	MED POL	Visibility of MED POL activities improved		MAP Information and communication strategy	15			11	4	

II.2 Sea Based Pollution (REMPEC)

Goal

- **Five-year vision:**

The primary goal for the activities proposed for the next five years, part of which are expected to be implemented during the 2010-2011 biennium, is to facilitate the effective implementation of the 2002 Protocol Concerning Cooperation in Preventing Pollution from Ships and, in Cases of Emergency, Combating Pollution of the Mediterranean Sea ("Prevention and Emergency" Protocol), which was adopted on 25 January 2002 and entered into force on 17 March 2004, and of the Regional Strategy for Prevention of and Response to Marine Pollution from Ships (hereunder referred to as the "Strategy"), adopted by the 14th Ordinary Meeting of the Contracting Parties to the Barcelona Convention (Portoroz, Slovenia, 8-11 November 2005), which is expected to be fully implemented in five years' time (by 2015). Some of the activities envisaged are related to the five-year indicative work programme of MAP, in particular with the cross-cutting issue of climate change.

- **Biennium objectives:**

The general orientations of the Centre for the 2010-2011 biennium are reflected in the following specific objectives:

Objective 1. Facilitate the ratification, implementation and enforcement of international conventions, rules and regulations related to pollution from ships. The Centre will focus its efforts, during the biennium 2010-2011, on the ratification, implementation and enforcement of the International Convention for the Prevention of Pollution from Ships, 1973 (MARPOL), including MARPOL Annex VI (air pollution), and in line with the MAP 5-year indicative programme on climate change. The Centre will also implement a number of activities related to the ratification, implementation and enforcement of the International Convention for the Control and Management of Ship's Ballast Water and Sediments, 2004 (BWM), particularly those activities planned for 2010-2011 under the GloBallast Partnerships Project, which REMPEC is currently conducting in the Mediterranean in close cooperation with SPA/RAC. This objective will be achieved by providing to the Contracting Parties general and specialized knowledge, technical expertise and advisory services as well as by facilitating exchange of experience.

Objective 2. Maintain and develop the level of preparedness and capacities to respond to marine pollution emergencies in the region. A number of activities, carried out in cooperation with the IMO Integrated Technical Cooperation Programme (ITCP), will also be directed towards preparing Mediterranean coastal States to respond efficiently to marine pollution incidents, and the oil industry will be associated to the extent possible with the implementation of such activities. This objective will be achieved by providing the Contracting Parties with expertise and updated knowledge aimed at revising, completing or updating national and subregional strategies, operational agreements and emergency plans.

Objective 3. Strengthen governance and provide for information and communication tools. Action to strengthen governance will be taken through two types of activities: participating in overall projects which aim at enhancing the governance of the Mediterranean Sea (application of the ecosystem approach, developing marine protected areas in the high seas) on the one hand and, on the other, following the implementation of the Governance Paper which aims at improving the internal governance of MAP. This will be achieved by improving the accessibility of relevant information and decision support tools for the Contracting Parties and through the organization of the Meeting of REMPEC Focal Points and the holding of one or two meeting(s) of the Executive Coordination Panel (ECP) at the premises of the Centre.

- **Biennium expected outputs:**

Objective 1 output: Capacities of the Contracting Parties strengthened with respect to ratification, transposition and enforcement of major international regulations to prevent, reduce and control pollution of the marine environment from ships.

Objective 2 output: Contracting Parties preparedness to respond to accidental marine pollution incidents at national, subregional and regional level enhanced.

Objective 3 output: Governance and exchange of information on technical, scientific, legal and administrative matters facilitated.

Sea-based Pollution

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
<i>Facilitate the ratification, implementation and enforcement of international conventions, rules and regulations related to pollution from ships</i>											
<p>Strategy Specific Objective 7 a)</p> <p>(All Mediterranean States ensure the existence of a national legal framework (regulations) as a basis for prosecuting discharge offenders for infringements of the MARPOL Convention or of any legal framework implementing it)</p>	<p>Provide expertise on transposition into national legislation of Annex I (Oil) of MARPOL Convention.</p>	<p>Draft national legislation on aspects related to the prosecution of offenders for infringements of MARPOL Annex I are prepared.</p>	<p>Provide legal assistance on transposition into national legislation of MARPOL Annex I.</p> <p>CPs to develop or revise their national legislation as a basis for prosecuting offenders of MARPOL Annex I requirements with respect to discharges from ships.</p>	<p>National legislation implementing MARPOL Annex I established in CPs which benefited from the expert support.</p>	<p>SAFEMED II Sub-task 5.1.2</p>	5			5		

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
Strategy Specific Objective 1 a) (To ratify MARPOL Convention and its annexes, to ensure their transposition into national law and to cooperate through REMPEC to ensure full compliance with its provisions)	Hold a workshop on MARPOL Annexes II (Noxious Liquid Substances in Bulk) and III (Packaged Harmful Substances) implementation.	Update knowledge of administration staff with respect to MARPOL Convention new Annex II and raise awareness on MARPOL Convention Annex III.	Organise a four-day workshop on the implementation of MARPOL Annexes II and III. CPs to ensure that MARPOL Annexes II and III are properly implemented.	MARPOL Annexes II and III properly implemented by participating CPs.	SAFEMED II Subtask 5.1.3	30 (1p/c)					
Strategy Specific Objective 1 a) (To ratify MARPOL Convention and its annexes, to ensure their transposition into national law and to cooperate through REMPEC to ensure full compliance with its provisions).	Hold a workshop on MARPOL Annex VI (Air Pollution from Ships).	Raise awareness on the importance of ratifying and implementing MARPOL Annex VI and in view of the recent major amendments adopted.	Organise a two-day workshop in order to raise awareness and assist countries in the preparatory work for the ratification and implementation of MARPOL Annex VI. CPs to achieve preparatory work for the ratification and implementation of Annex VI of MARPOL.	Annex VI of MARPOL ratified and implemented by participating CPs.	SAFEMED II Task 5.2 MAP 5 year indicative programme (2009- 2013) Climate change Blue Plan	24 (1p/c) ⁷					

⁷ 'p/c' stands for 'participant' per 'country'

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
Strategy Specific Objective 13 (To examine the possibility of designating the Mediterranean Sea as a SOx emission control area under MARPOL Annex VI)	Produce a study assessing gas emissions from ships.	Raise awareness on: - the importance of ratifying and implementing MARPOL Annex VI (Air Pollution from Ships). - the package of IMO measures for addressing GHG emissions from ships	Assess gas emissions from commercial ships in the Mediterranean, by using the relevant information provided by the REMPEC's database on maritime traffic trends in the Mediterranean. Blue Plan	General knowledge enhanced on: - Air pollution from ships. - GHG from ships.	MAP 5 year indicative programme (2009-2013) Climate change Blue Plan			*	External funds will have to be identified.		
Strategy Specific Objective 7 e) (...to disseminate information to enforcement personnel and legal personnel / prosecutors / magistrates on the relevant issues required to secure successful prosecutions in court, e.g. procedures for the collection of data, submission of evidence to courts etc...)	Hold a workshop on violations to MARPOL Annex I discharges requirements.	Enhance knowledge of staff involved in preparing and processing prosecution cases of violations to MARPOL Annex I discharges requirements.	Support the organisation of a 3-day sub-regional workshop to discuss possible common procedure aimed at facilitating the prosecution of offenders. CPs to agree upon possible procedures for the prosecution of offenders to MARPOL Annex I discharges requirements.	Procedures for the prosecution of offenders in courts by Flag States and Coastal States authorities established by CPs participating.	HELCOM and Bonn Agreement Network of prosecutors				17 (2p/c)		

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAF components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
(To establish systems and procedures for national monitoring and surveillance, including, where applicable, aerial surveillance in the waters under the jurisdiction of Contracting Parties).	Provide expertise on systems and procedures for national monitoring and surveillance.	Develop or improve national aerial surveillance system.	Provision of expert advice for feasibility studies on aerial surveillance to combat oil pollution at sea, including illicit discharges, in the waters under the jurisdiction of Contracting Parties. CPs to establish or improve national aerial surveillance system.	Gaps related to national aerial surveillance system identified and improvements undertaken by CPs which benefitted from the expert support.	-	10					
REMPEC mandate and Prevention and Emergency Protocol	Produce a study investigating best use of port reception facilities in the region.	Identification of possible sub-regional agreements between ports on the use of their existing port reception facilities.	Commission of a detailed analytical study on the possible establishment of pools of port reception facilities to be used by ships in the Mediterranean region and ways forward.	Most effective way to use port reception facilities to discharge oily residues from ships identified.	IMO International Association of Ports and harbours (IAPH) Waste Environment Cooperation Centre (WE 2C)			*			
REMPEC mandate and Prevention and Emergency Protocol	Investigate the possibility of developing a sub-regional policy related to surveillance of marine areas under jurisdiction (illicit discharges).	Progress achieved towards the development of a sub-regional policy related to surveillance of marine areas under jurisdiction (illicit discharges).	Facilitate the development of a sub-regional policy related to surveillance of marine areas under jurisdiction (illicit discharges).	Sub-regional system of surveillance investigated.	Sub-regional agreement between Italy, Slovenia and Croatia.	-					

To be undertaken by REMPEC internally + external funds will have to be identified.

Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)	Activity	Expected outputs for the biennium 2010-2011	Responsibility (description of MAP components responsibilities as well as of Contracting Parties)	Achievements/ Indicators	Related initiatives/ Partnerships	Indicative Budget Estimates						
						2010 '000 euros			2011 '000 euros			
						MTF	EC	Ext.	MTF	EC	Ext.	
<p>REMPEC mandate and Prevention and Emergency Protocol</p> <p>Strategy Annex 3 (List of relevant international conventions)</p>	<p>Hold a Workshop on the International Convention on the Control of harmful Anti-fouling Systems on Ships (AFS Convention).</p>	<p>Raise knowledge of the maritime administrations on the way to enforce the AFS Convention.</p>	<p>Organisation of a two days workshop, bringing together inspectors/surveyors of the countries and representatives of EU Member States involved in AFS survey and inspections will be organised.</p> <p>CPs to exchange views about the best practices with regard to these flag States surveys and inspections and agree on possible harmonised inspections procedures.</p>	<p>Ways of establishing harmonized surveys and inspections under the AFS Convention investigated by participating CPs.</p>	<p>SAFEMED II Task 5.4</p>			*				
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p>Could be extended to all CPs if external funds are identified.</p> </div>												
<p>Strategy Specific Objective 3 e)</p> <p>(REMPEC to work in association with the MoUs on port State control on the organisation and follow-up analysis of concentrated inspections campaigns on MARPOL deficiencies.</p>	<p>Facilitate exchange of experience between the MED MoU Port State Control inspectors and the Paris MoU Port State Control inspectors.</p>	<p>Agreement between Med MoU and Paris MoU Secretariats to exchange of experience reached.</p>	<p>Explore the possibility of organising of a 3-day joint concentrated inspections campaign on MARPOL Annex I deficiencies</p>	<p>3-day concentrated inspections campaign on MARPOL Annex I deficiencies agreed upon.</p>	<p>SAFEMED II Task 3.6</p> <p>MoU Secretariats</p>	-						

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
REMPEC mandate and Prevention and Emergency Protocol Strategy Annex 3	Hold a meeting of the GloBallast Regional Task Force / Regional Harmonisation workshop aiming at providing an opportunity to the countries to present information on their progress to date and lessons learned on legal, policy and institutional reforms.	Progress achieved in the development of a regional strategy on ship's ballast water management and invasive species in the Mediterranean.	<p>Organisation of the Second Regional Task Force Meeting (2 days) to review the draft consolidated regional strategy on ship's ballast water management and invasive species in the Mediterranean and its Action plan.</p> <p>Organised back to back with a 1-day Regional Harmonisation Workshop.</p> <p>CPs to actively contribute to the drafting work related to the development of the Strategy.</p> <p>Hosting country to support efficiently REMPEC in organising the activity.</p>	<p>First consolidated draft of a regional strategy on ship's ballast water management and invasive species in the Mediterranean agreed upon.</p> <p>Knowledge and exchange of experience leading to the regional harmonisation of legal, policy and institutional reforms provided.</p>	IMO GloBallast Project Task 1.1.4 and Task 2.4.2 RAC / SPA	25					

Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)	Activity	Expected outputs for the biennium 2010-2011	Responsibility (description of IAP components responsibilities as well as of Contracting Parties)	Achievements/ Indicators	Related initiatives/ Partnerships	Indicative Budget Estimates					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	Ext.	MTF	EC	Ext.
REMPEC mandate and Prevention and Emergency Protocol Strategy Annex 3	Hold a training course on the legal aspects of maritime and ballast water management law.	Support GloBallast participating countries to acquaint national Government lawyers and expert with ballast water management issue.	Organisation of a 2.5-day training course. CPs to establish regulatory frames and controls for ballast water management. Hosting country to support efficiently REMPEC in organising the activity.	Regulatory frames and controls for ballast water management established by GloBallast participating countries.	IMO GloBallast Project Task 2.5.2 RAC / SPA	25					
REMPEC mandate and Prevention and Emergency Protocol Strategy Annex 3	Hold a training course knowledge on Compliance, Monitoring and Enforcement (CME) management.	Provide Port State control authorities of the GloBallast participating countries with practical knowledge on Compliance, Monitoring and Enforcement (CME) management.	Organisation of a 3-day regional Compliance and Monitoring (CME) training course. CPs to establish Compliance, Monitoring and Enforcement systems. Hosting country to support efficiently REMPEC in organising the activity.	Risk-based approach developed by GloBallast participating countries.	IMO GloBallast Project Task 2.7.2 RAC / SPA	-		*			
REMPEC mandate and Prevention and Emergency Protocol Strategy Annex 3	Produce a study on ships' ballast water in the Mediterranean.	Produce an assessment study related to ships' ballast water in the Mediterranean.	Assess ships' ballast water in the Mediterranean using the REMPEC database on maritime traffic in the Mediterranean region.	Information on main ships' ballast water routes and receiver ports made available.	IMO GloBallast Project			*			

Could be extended to all CPs if external funds are identified.

To be undertaken by REMPEC internally + external funds will have to be identified.

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
<i>Maintain and develop the level of preparedness and capacities to respond to marine pollution emergencies in the region</i>											
<p>Strategy Specific Objective 12</p> <p>(To establish procedures for the designation of place of refuge in order to minimize the risk of widespread pollution).</p> <p>Guidelines on the decision making process for granting access to a place of refuge for ships in need of assistance</p>	Produce a study on an adequate network of places of refuge in the Mediterranean.	Promotion of a coordinated approach towards the designation of such places of refuge in case of an accident.	Compile an overview of the national measures (legislation, guidelines.) taken by all Mediterranean countries related to the provision of places of refuge and the availability of sensitivity mapping in the countries will be assessed.	Possible coordinated approach towards the designation of such places of refuge in case of an accident identified.	SAFEMED II Task 5.3	1					

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
<p>Strategy Specific Objective 19 d)</p> <p>(to take into consideration, when preparing training programmes for the Mediterranean region, the relevant model training courses that might be developed in the future by IMO OPRC-HNS Technical Group).</p>	<p>Hold a workshop on Hazardous and noxious substances (HNS).</p>	<p>Increase the level of knowledge in the field of HNS.</p>	<p>Organisation of a 4-day Sub-regional Workshop (Arab-speaking countries), in co-operation with the chemical and shipping industries, on preparedness and response to HNS pollution incidents targeting decision makers and national authorities.</p> <p>CPs participating to the activity to provide the required information on HNS products transiting in their ports.</p> <p>CPs participating to the activity to investigate the preparation of national contingency plans on HNS related marine pollution incidents.</p>	<p>Information on HNS products transiting in the countries collected.</p> <p>National contingency plans on HNS related marine pollution incidents developed by participating CPs.</p>	<p>IMO'S Technical Cooperation Division (ITCP)</p>			*			
						<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> Pending approval by IMO's ITCP </div>					

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of IAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>						
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>			
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	
Strategy Specific Objective 21 c) (to continue assisting the Contracting Parties, which did not yet adopt their national contingency plans, in the development and implementation of their national preparedness and response systems).	Provide expertise / organise a workshop on Contingency Planning.	Increase the level of knowledge and preparedness at national level in the field of contingency planning.	Organisation of a 2-day field mission and a 3-day national Table Top Exercise / Workshop on Contingency Planning. Country concerned moving forward with the adoption of the national Contingency Plan.	Adoption of the national Contingency Plan.	This activity is a follow-up of a programme of activities carried out by REMPEC in Montenegro during the biennium 2006-2007.			*				
Pending approval by IMO's ITCP												
Strategy Specific Objective 21 c) (to continue assisting the Contracting Parties, which did not yet adopt their national contingency plans, in the development and implementation of their national preparedness and response systems).	Provide expertise for the development and implementation of countries national preparedness and response systems.	Increase the level of preparedness and response in the Mediterranean region in cases of emergencies.	Provide individual countries with expertise for the development, improvement and maintenance of their systems and operational arrangements. CPs to develop/ update their national contingency plans as necessary.	Response systems and operational arrangements and contingency plans developed/ revised by CPs which benefitted from the expert support.	IMO'S Technical Cooperation Division (ITCP) Mediterranean Oil Industry Group (MOIG)	10	12					

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
<p>Strategy Specific Objective 19</p> <p>(To increase as much as practical, the level of knowledge in the field of preparedness and response to accidental marine pollution by oil and other harmful substances).</p>	Hold workshops in the field of preparedness and response to marine pollution incidents.	Increase the level of knowledge and preparedness at national level in the field of contingency planning.	<p>Support the organisation of 3-day national workshops on preparedness and response in cases of emergencies.</p> <p>CP participating to the workshop to integrate in its national system the substance of the workshop.</p>	Capacities of individual countries participating to the activity in the field of preparedness and response in cases of emergencies enhanced.	IMO'S Technical Cooperation Division (ITCP) Mediterranean Oil Industry Group (MOIG)				12		
<p>Strategy Specific Objective 21</p> <p>(To strengthen the capacity of individual coastal States to respond efficiently to marine pollution incidents through development of sub-regional operational agreements and contingency plans.).</p>	Hold workshops / meetings / exercises.	Increase the level of preparedness and response of neighbouring countries in the Mediterranean region in cases of emergencies.	<p>Support the organisation of workshops / meetings / exercises for countries parties to a sub-regional agreement for the implementation of their sub-regional systems and operational arrangements.</p> <p>CPs to ensure that the sub-regional agreement is operational and to adopt the plan when required.</p>	<p>National / sub-regional Contingency Plans are effective in cases of emergencies in CPs which benefitted from the support.</p> <p>Entry into force of sub-regional agreement.</p>	Mediterranean Oil Industry Group (MOIG)	6			6		

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>						
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>			
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	
Strategy Specific Objective 15 (To evaluate the capacities in terms of safety of the Mediterranean commercial ports and terminals).	Provide expertise to assess the capacities in terms of safety of the Mediterranean commercial ports and terminals.	Prevention of accidents in commercial ports and terminals.	Provision of expertise to develop a voluntary assessment tool.	Safety voluntary assessment for oil terminals and commercial ports tool in the Mediterranean is finalised.	Oil Companies International Marine Forum (OCIMF)			*				
External funds will have to be identified.												
Strategy Specific Objective 20 (To revise the existing recommendations, principles and guidelines, and to develop new ones aimed at facilitating international cooperation and mutual assistance within the framework of the Prevention and Emergency Protocol).	Revise Guidelines on the use of dispersants.	Revise the regional "Guidelines for the use of dispersants for combating oil pollution at sea in the Mediterranean region" developed by REMPEC.	Start the revision process of the Guidelines through the Mediterranean Technical Working Group (MTWG). This activity will require provision of expertise to review the draft consolidated Guidelines. CPs to participate actively to the MTWG.	Up-to-date guidelines on the use of dispersant produced.	-	4						

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
Strategy Specific Objective 19 (To increase as much as practical, the level of knowledge in the field of preparedness and response to accidental marine pollution by oil and other harmful substances).	Support the participation of Contracting Parties to training courses on preparedness for and response to marine pollution	Increase the level of knowledge and preparedness at national level in the field of preparedness for and response to marine pollution	Assist Contracting Parties to participate in external activities within the limit of the Centre capacity.	Capacities of individual countries participating to the activity in the field of preparedness and response in cases of emergencies enhanced.		1			1		
Strategy Specific Objective 19 (To increase as much as practical, the level of knowledge in the field of preparedness and response to accidental marine pollution by oil and other harmful substances).	Test and improve through the organisation of alert exercises, the response network's reaction capacity.	Improve and maintain communication in case of call for assistance	Assist Contracting Parties to participate in communication exercises with the MAU and CEFIC ICE Network.	Communication reactivity to call for assistance	Mediterranean Assistance Unit: Cedre, Federchimica and ISPRA CEFIC ICE						

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
Strategy Specific Objective 19 (To increase as much as practical, the level of knowledge in the field of preparedness and response to accidental marine pollution by oil and other harmful substances).	Hold a workshop on preparedness and response to marine pollution incidents.	Fill priority gap(s) in the field of preparedness and response in the Mediterranean region in cases of emergencies and strengthen cooperation with the oil industry sector.	Organisation of a 3-day Regional Workshop (MEDEXPOL) on preparedness and response to marine pollution incidents. CPs to actively contribute to the workshop and ensure cooperation with oil industry operating in its country.	Gaps filled in.	The Regional Workshop will be designed according to the assessment of the situation and identification of gaps in the field of preparedness and response in the Mediterranean region, which is carried out in 2009. Mediterranean Oil Industry Group (MOIG)				50 (1p/c)		
Strengthen governance and provide for information and communication tools											
MAP procedures and decision of Contracting parties Meetings.	Hold the REMPEC Focal Point Meeting (2011).	Exchange information and knowledge in the field of prevention of, preparedness for and response to marine pollution incidents.	Organise the Meeting of REMPEC Focal Points (4 days).	Activities carried out during the previous biennium and programme of activities for the following biennium endorsed.	Core activity of REMPEC				52 (1p/c)		
MAP procedures and decision of Contracting Parties Meetings.	Hold an ECP (Executive Coordination Panel) Meeting.	Exchange information with the Secretariat, other RACs and MEDPOL.	Organize one Meeting of the ECP.	Information exchanged and coordination facilitated.	Core activity of REMPEC	5					

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
Map procedures and decision of Contracting Parties Meetings.	Participate in the ecosystem approach implementation.	Data and objectives for maritime activities identified.	REMPEC's Focal Points to participate in the assessment and discuss ecological objectives.	Implementation of the ecosystem approach is developed in accordance with the road map agreed at Almeria.	HELCOM / Baltic Action Plan						
Map procedures and decision of Contracting Parties Meetings.	Participate in the Marine Protected Areas project.	To explore the feasibility to designate Marine Protected Areas in the high seas.	SPA/RAC to drive the process – REMPEC Focal Points to be associated.	3 areas should be proposed as SPAMI.	M.S.S.D. / IMO						
Map procedures and decision of Contracting Parties Meetings.	To participate in the M.S.S.D. review.	The implementation of the Regional Strategy to be assessed.	REMPEC to liaise with its Focal Points if requested by the Consultant.	The level of achievement of the specific objectives is assessed.	M.S.S.D.						
Map procedures and decision of Contracting Parties Meetings.	To draft the Chapter of the state of the environment report on maritime transport.	To provide CPs and the general public with an overview of the characteristics of maritime transport in the Med.	REMPEC to compile the study.	An updated chapter is provided.							
Map procedures and decision of Contracting Parties Meetings.	REMPEC Info/System.	REMPEC website is in line with the INFO/MAP.	REMPEC and INFO/RAC to assess the situation and develop REMPEC Info/System.	REMPEC is part of INFO MAP system.							

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
Strategy Specific Objective 9 b) (To ensure the identification of the main shipping lanes for vessels carrying oil and other hazardous and noxious substances (HNS).	Purchase of data to maintain decision support tools.	Maintain information data updated.	Upgrading/updating of the REMPEC's Geographic Information System (GIS) through the acquisition /integration of recent data (2006-2008) and, if necessary and feasible, possible additional data and actual features.	Contracting Parties provided with updated and reliable information system on main shipping lanes in the Mediterranean region.	SAFEMED II Task 1.4	-					
Strategy Specific Objective 18 c) (To regularly revise and upgrade the existing and to develop and make available to the competent national authorities of the Contracting Parties new IT based decision support tools (...)).	Revise decision-making tools format with the support of expertise.	Maintain decision support tools updated.	Initiate the revision of the present format of MIDSIS TROCS version 2.0 with the assistance of external IT expertise	MIDSIS TROCS decision support tool is updated.	-				10		

<i>Policy Relevance (reference to articles of the Convention, protocols, decisions of the Contracting Parties meeting)</i>	<i>Activity</i>	<i>Expected outputs for the biennium 2010-2011</i>	<i>Responsibility (description of MAP components responsibilities as well as of Contracting Parties)</i>	<i>Achievements/ Indicators</i>	<i>Related initiatives/ Partnerships</i>	<i>Indicative Budget Estimates</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>Ext.</i>	<i>MTF</i>	<i>EC</i>	<i>Ext.</i>
Strategy Specific Objective 18 c) (To regularly revise and upgrade the existing and to develop and make available to the competent national authorities of the Contracting Parties new IT based decision support tools (...)).	Update and upgrade as necessary REMPEC information system.	Maintain electronic information systems updated.	Review and maintain the Centre's information system.	Efficient and interactive electronic tools to facilitate dissemination of information from and to CPs.	MAP Information and communication strategy		12				

II.3 Cleaner Production (CP/RAC)

Sustainable Production and Consumption

Goal:

Foster the application of mechanisms leading to sustainable patterns of production and consumption and the sound management of chemicals in the Mediterranean countries.

Objective 1. Identify and take action on priorities and areas of production and consumption having the greatest impacts on the Mediterranean environment and posing a major environmental and health risks due to chemical pollution.

Objective 2. Greening the Mediterranean market and riding it of chemicals: boosting green competitiveness as a tool through which managers and industrialists drive Mediterranean SMEs to succeed in the global market, and providing technical assistance to the public and private sector of Mediterranean countries to reduce land-based pollution and assure the sustainable management of chemicals.

Objective 3. Creating partnership and synergies: creating a Mediterranean network for SCP, bringing MAP closer to the UNEP's and the EU objectives on SCP and building cooperation between MAP components and relevant agents and initiatives in the Mediterranean.

Background and rationale

For over 30 years, MAP has coordinated the joined efforts of the Mediterranean neighbouring countries to protect the environment's region from the pressure and pollution of human activities. In this sense, many successful projects have been implemented to control and prevent pollution from urban and industrial development and to protect the region's natural areas and biodiversity.

However, Blue Plan's prospects on a continuous increase of resource consumption, waste generation, climate change and pollution trends reflect a worsening of the environmental degradation. Likewise, the same prospects warn that the rise of population and the evolving globalization process in the region, accelerated by the progressive entering into force of the Euro-Mediterranean Free-Trade Area (EMFTA), will worsen the unsustainable trends and create adverse effects on the *Millennium Goals* related to poverty, health and environment. The critical impact of the EMFTA on the region's sustainability is also identified by the SIA-EMFTA Study *Sustainability Impact Assessment of the Euro-Mediterranean Free Trade Area* which warned on the greater consumption and depletion of resources that is expected from the entering into force of the EMFTA.

Basing on that, Blue Plan identifies the creation of new production and consumption patterns as a main challenge for the Mediterranean countries in order to better manage limited space, finite natural resources, a growing population, new constraints- such as climate change- and on-going inequality.

In this context of increasing environmental challenges, the inadequate use and management of chemicals poses a special risk to both the environment and the health of human population (*Priority issues in the Mediterranean Environment. EEA,2006*). In this respect, pollution from chemicals are in many cases the consequence of both former and current unsustainable patterns of production and consumption. For example, many years of irresponsible management practices have resulted in the existence of stockpiles of obsolete chemicals while current unsustainable uses of chemicals in production processes and products are implying the unintentional generation of dioxins and furans and the existence of pesticides residues in goods for human consumption (e.g. food products).

Likewise, the mentioned SIA-EMFTA study warns, for example, on the greater agro-chemical pollution that will accompany the greater intensity of production led by increasing competitive pressures due to free trade.

Out of the chemical substances, the so-called Persistent Organic Pollutants (POPs) are identified by the LBS Protocol as priority substances in the development and implementation of national programmes to fight against pollution. The need to urgently address the elimination and reduction of POPs is common to all Mediterranean countries which are signatories to the Stockholm Convention, the global treaty to protect human health and the environment from those substances.

According to the mentioned above, shifting to Sustainable Consumption and Production and tackling pollution from chemicals are two priority areas to attain sustainable development in the Mediterranean. While SCP refers to an integrated approach to decouple the increasing industrial and economic development of the region from environmental pollution and resource consumption, the elimination and sound management of chemicals constitutes a major challenge in the application of the SCP.

SCP constitutes a turning point in the way MAP tackles sustainable development in the Mediterranean as it doesn't only address the question of what and where pollutant emissions and environmental degradation take place but also why those are generated. The SCP approach involves (1) analyzing the way Mediterranean countries produce and consume goods and services, (2) identifying how and why those patterns of production and consumption contribute to the environmental degradation of the Mediterranean's ecosystems and the generation of environmental and health risks due to chemical pollution and (3) implementing technical, policy, market, economic and information mechanisms through which shifting to SCP.

Implementing SCP involves a range of actions in which measures addressed to minimize the environmental impacts associated to the "production side" - i.e. cleaner production, energy efficiency, sound chemical management, etc - are to combine with the progressive implementation of mechanisms, such as sustainable public procurement or eco-labelling schemes, that integrate sustainable criteria within the value chains and the circle consumer-producer.

In order to involve the Mediterranean private sector in SCP MAP must work in triggering a change in attitude in Mediterranean companies and industries from a reactive to a proactive approach to environmental management of chemicals and hazardous waste and creating the conditions for them to move towards green competitiveness. In doing that it is essential to enhance the Best Available Techniques (BAT), Best Environmental Practices (BEP) and Cleaner Production (CP) as methods enabling industries to reduce pollution emissions and implement an environmentally sound management of water, material and energy flows. Likewise, it is necessary that governments create the appropriate regulatory and institutional frameworks to encourage and enable companies to adopt those mechanisms. In this respect, the Integrated Pollution Prevention and Control (IPPC) approach has showed to be an effective mechanism through which countries can progressively introduce BAT, BEP and CP as element in the authorization process for the most polluting industrial installations in order to achieve a high level of protection for the environment as a whole.

On the other hand, MAP actions promoting the technical improvement of production processes in industries are to be accompanied with the progressive establishment of mechanisms that favour the market conditions encouraging businesses to shift to SCP and increasing consumers' awareness and choice towards sustainable products. In this respect, the implementation of eco-labelling schemes plays a key role in increasing the visibility in the market of companies respecting environmental criteria while it gives reliable information for consumers to identify environmentally friendly products. Likewise, the application of Sustainable Public Procurement (SPP) by public organizations is becoming a crucial tool through which integrating environmental and social concerns in the supply change management of companies and organizations.

Tackling SCP provides MAP with an added value to enhance new patterns of human and institutional behaviour and innovative productive and social practices and values that enable economic development, environmental protection and an equitable distribution of wealth among countries of the region. In doing so, it is key the role to be jointly played by MAP jointly with the Mediterranean civil society in strengthening education and awareness raising on SCP as important and useful levers to facilitate the needed changes in attitudes, behaviours and knowledge. Indeed this is the right momentum to act. In this sense, nowadays, after overcoming the new millennium, people are progressively taking conscience of their own responsibility and capacity to act against the environmental degradation through their lifestyles and consumption choices. In few years, the environment has passed from being a specialized-sector matter to become a transversal issue, introduced into government's priorities, businesses, TV advertisements, curricula in schools.

In the same line, the recommendations of last UNEP International Conference on Education for Sustainable Development (Bordeaux, October 2008), underlined the need to inform and educate citizens and consumers, in order to make them aware of their fundamental rights, being able to have conscientious participation in public debates and markets; the need to enhance the integration of education for sustainable consumption in sustainable development strategies and processes at different levels and the need to provide educators with the means to act and build networks on teaching and learning experiences. In order to achieve that, it is essential to design, widely diffuse and ensure the effectiveness of good communication/informative tools and products.

At the Mediterranean level, the First Mediterranean Roundtable on Sustainable Consumption and Production highlighted the importance of education on SCP within the civil society and private sector as well as the key role of the media and public institutions to disseminate information among Mediterranean citizens. In that regard these general recommendations came out in most of the discussion groups of the Roundtable; they clearly highlighted the relevance of a Regional centre like INFO/RAC to meet these needs.

To sum up, these two relevant meetings show clearly the leadership that education and communication to general population, industries and institutions acquires in order to tackle sustainable development issues. According to that, it is clear that the Mediterranean Action Plan can not maintain its activities hidden behind a heavy institutional framework. Today, more than ever, there is a need to effectively target the civil society, private sector and educational institutions.

In this respect, MAP, through INFO/RAC as communication platform, can provide an added value by disseminating already existing products and tools addressing education on SCP (refer to Annex I) as well as by creating new ones, boosting new mechanisms of diffusion, designing new Mediterranean events and working together with Mediterranean communication channel with a view to effectively inform on SCP issues and give to the different targets the means to act in their respective fields.

Policy relevance	Activities	Expected results	Responsibility (Essential tasks for Parties, Map components, other Partners)	Indicators of achievement/effectiveness	Related initiatives/Partnership	Challenges and risks	Budget	
							2010 '000 euros	2010 '000 euros
							EXT	EXT
SUB-PROGRAMME 1: Identify, take action and educate on priorities and areas of production and consumption having the greatest impacts on the Mediterranean environment and posing a major environmental and health risks due to chemical pollution								
LBS Protocol Art. 5.1;5.2;5.3 and 5.4; MSSD Objective 3 ;Catania Declaration	1,1 Assist countries in factoring SCP in their policies and strategies (two/three countries)	Identification of barriers and priorities for mainstreaming	CP/RAC in collaboration with Secretariat	Roadmaps towards integration are successfully developed in the 2-3 countries: Stakeholders and civil society have been consulted during national workshops	SMAP;UNDP;AZAHAR programme. (MTF,EC,Ext 50.000€)	Lack of commitment of partner countries. Lack of base lined indicators from countries, and need of building expertise at the national level.	14	14
LBS Protocol Art. 5.1;5.2;5.3 and 5.4; MSSD Objective 3; Catania Declaration	1,2 Production of reports on SCP trends and priority thematic clusters in the Mediterranean	Identification of trends on SCP areas having the greatest impact on the Mediterranean's environment	CP/RAC, Blue Plan* , SPA/RAC* , and other MAP components*	5 reports on SCP priority thematic clusters in the Mediterranean; New edition of "State of the Art on SCP in the Mediterranean"	EEA, Marrakech Task Forces, UNEP/DTIE, GFCM, FAO	Lack of information from the countries.	155	155
LBS Protocol Art. 5.1;5.2;5.3 and 5.4; MSSD Objective 3; Catania Declaration ; Stockholm Convention ; Hazardous waste protocol Art 5.2	Assistance to countries to gather POPs and other chemicals available data 1,3,1 Assistance to countries in the management of chemicals (specially POPs), priority substances and sectors 1.3.2 Awareness raising on new POPs	Strengthening capacity to stakeholders in the decision making process on chemicals management Technical assistance to countries in the adaptation to the new requirements of the Stockholm Convention and its implementation	CP/RAC and MEDPOL*	2/3 studies, reports and/or strategies related to chemicals management 2 or 3 awareness activities and publication of materials 1 or 2 guidelines on BATS and BEPs for new POPs Number of reports and studies on POPs and other chemicals	UNITAR, Cleaner production centres, Basel Convention Centres, Stockholm Convention Centres, MEDPOL, appropriate Ministries, Stockholm Secretariat	Lack of national expertise. Lack of cooperation from national authorities.	146	146

<i>Policy relevance</i>	<i>Activities</i>	<i>Expected results</i>	<i>Responsibility (Essential tasks for Parties, Map components, other Partners)</i>	<i>Indicators of achievement/effectiveness</i>	<i>Related initiatives/Partnership</i>	<i>Challenges and risks</i>	<i>Budget</i>	
							<i>2010 '000 euros</i>	<i>2010 '000 euros</i>
							<i>EXT</i>	<i>EXT</i>
LBS Protocol Art. 5.1;5.2;5.3 and 5.4; MSSD Objective 3; Catania Declaration	1,4 Production of educational material for consumers, trainers and stakeholders to increase information and awareness on the impacts of products with the objective to promote alternative sustainable lifestyles	Awareness raising on environmentally friendly products and lifestyles	CP/RAC, INFO/RAC	Number of countries reached, quantity of people informed, number of capacity building, training activities, workshops, awareness material, etc	Marrakech Process task forces, business and NGO forums, African and Arab initiatives for SCP and SMR, Universities, schools, consumer organizations GFCM, FAO, UNEP/DTIE GSSL initiative	Outreach.	43	43
LBS Protocol Art. 5.1;5.2;5.3 and 5.4; MSSD Objective 3; Catania Declaration	1,5 Introduction of SCP and SCM tools in the university curricula	Training activities for university teachers and directors; and toolkits for schools on SCP	CP/RAC, INFO/RAC	2 training activities to university teachers and directors, number of SCP and SCM modules introduced in university curricula	Marrakech Process task forces, UNEP/DTIE, Stockholm secretariat, Stockholm centres	Lack of flexibility by the national educational system to include new elements.	35	35

Policy relevance	Activities (means to achieve the results)	Expected results	Responsibility (Essential tasks for Parties, Map components, other Partners)	Indicators of achievement/effectiveness	Related initiatives/Partnership	Challenges and risks	Budget	
							2010 '000 euros	2011 '000 euros
							EXT	EXT
SUB-PROGRAMME 2: Greening the Mediterranean market and getting rid of chemicals								
LBS Protocol Art. 5.4 ;Catania Declaration; Hazardous waste protocol Art 5.2	2.1 Seminars, workshops, CP audits and publications to boost the adoption of green competitiveness (GRECO) as tool for Mediterranean companies to succeed in the global market	Increased awareness and commitment from Mediterranean countries and businesses to shift to GRECO	CP/RAC	1 Regional Meeting 15 National Roadshows , National GRECO Antenas implemented, autoaudit tools ready, GRECO award	Ministries of Industry, Ministries of Environment, BusinessMed, ASCAME, Associations of SME 's and National Cleaner Production Centres	Lack of cooperation from relevant authorities.	355	355
LBS Art. 9,10 and Art.5.1;5.2;5.3 and 5.4; Decision 17/7 of Almeria ;Catania Declaration;Hazardous waste protocol Art 5.2	2.2 Projects, training, technology transfer and capacity building activities and awareness materials on BAT 's and BEP 's per sector (GRECO) (according to NAPs priorities and national SCP policies and strategies)	Improved human resources capacities and capabilities in the relevant national institutions and the business sector on the application of BAT, BEP, CP, IPPC, BREF 's and sound chemicals management, including the reduction of unintentional emissions of POPs.	CP/RAC,	Number of projects, training and capacity building activities and awareness materials.	EC, Ministries of Industry, Ministry of Environment, BusinessMed, ASCAME, Cleaner Production Centres, Stockholm secretariat, Stockholm centres and Basel centres,MEDPOL	Lack of cooperation from national public and private sector. Enforcement of legal instruments.	245	238
LBS Art.5 and 15 GEF SP ;Catania Declaration; Hazardous waste protocol Art 5.2	2.3 Implementation of pilot projects in demonstration sites in Turkey, Algeria, Lebanon, Syria related to tanneries, phosphogypsum, lube oil and lead batteries	BAT 's and BEP 's related to tanneries	MEDPOL; CP/RAC; UNIDO	Workshops conducted	GEF (35.000€)	Lack of cooperation from national authorities	15	15

Policy relevance	Activities (means to achieve the results)	Expected results	Responsibility (Essential tasks for Parties, Map components, other Partners)	Indicators of achievement/effectiveness	Related initiatives/Partnership	Challenges and risks	Budget	
							2010 '000 euros	2011 '000 euros
							EXT	EXT
LBS Art. 9,10 Decision 17/7 of Almeria; Catania Declaration; Hazardous waste protocol Art 5.2	2.4 Organization of joint MEDPOL/ CP/RAC national workshops on BAT and BEP for the disposal of POP's	Two workshops organized	CP/RAC and MEDPOL	Improved knowledge on BAT and BEP for 20 technical staff	EC, Stockholm secretariat, Stockholm centres and Basel centres (MTF 10.000€:2011)	Lack of interest of countries	0	7
Hazardous Wastes Protocol Art.5 -GEF SP ;Catania Declaration	2.5 Awareness and capacity building activities and materials to assist Mediterranean countries in environmental sound management of PCBs stocks in national electrical companies	Capacity building of Mediterranean countries in environmental sound management of PCBs stocks in national electrical companies	CP/RAC and MEDPOL	Number of awareness, training and capacity building materials and activities	GEF Project, UMCE-BUSINESSMED, ASCAME, BCRC Egypt	Lack of cooperation of relevant authorities. Inventories not completed.	65	65
LBS Art. 9,10 and Art.5.1;5.2;5.3 and 5.4; Catania Declaration	2.6 Formulation of measures for priority substances and sectors integrating the differentiation mechanisms (consultants)	Measures for 9 chemicals recently added to Annex A of Stockholm Convention; Measures for priority substances mercury; Measures for priority sectors: food sector;	MEDPOL; CP/RAC	Measures prepared and submitted to Contracting Parties	MED POL	Lack of cooperation from national authorities.	7	7
LBS Art. 9,10 and Art.5.1; 5.4; Catania Declaration; Hazardous waste protocol Art 5.2	2.7 Promotion and diffusion of alternative products and processes to reduce the use of POPs and other chemicals	Improvement of awareness and capacity building of stakeholders about alternatives products and processes to POPs and other chemicals	CP/RAC	Number of awareness, training and capacity building materials and activities Number of studies and reports on POPs and other chemicals alternatives	Cleaner Production Centres, Stockholm secretariat, Stockholm centres, ASCAME, BUSINESSMED, competent Ministries	Lack of cooperation of relevant authorities. Outreach.	15	15

<i>Policy relevance</i>	<i>Activities (means to achieve the results)</i>	<i>Expected results</i>	<i>Responsibility (Essential tasks for Parties, Map components, other Partners)</i>	<i>Indicators of achievement/effectiveness</i>	<i>Related initiatives/Partnership</i>	<i>Challenges and risks</i>	<i>Budget</i>	
							<i>2010 '000 euros</i>	<i>2011 '000 euros</i>
							<i>EXT</i>	<i>EXT</i>
LBS Protocol Art. 5.1;5.2;5.3 and 5.4; MSSD Objective 3; Catania Declaration	2,8 Increased awareness and commitment from Mediterranean countries (both public and private sectors) to implement Sustainable Public Procurement (SPP), Ecolabeling, REACH, GHS (Global Harmonized System for the classification of chemicals)	Publication of material and capacity building activities	CP/RAC and INFO/RAC*	Number of material and capacity building activities on SPP, attendance to the activities carried out.	Marrakech Task Forces, African and Arab initiatives for SCP, public sector, local agents, businesses, NGOs, etc	Lack of cooperation of relevant authorities. Readyness of companies and national authorities to implement Sustainable Public Procurement, Ecolabeling, REACH, GHS .	99	99

Policy relevance	Activities	Expected results	Responsibility (Essential tasks for Parties, Map components, other Partners)	Indicators of achievement/effectiveness	Related initiatives/Partnership	Challenges and risks	Budget		
							2010 '000 euros	2011 '000 euros	
							EXT	EXT	
SUB-PROGRAMME 3: Creating partnership and synergies									
LBS Protocol Art. 5.1;5.2;5.3 and 5.4; MSSD Objective 3; Catania Declaration	3.1 Enhanced involvement of Mediterranean regional organizations and networks in SCP and SCM topics	Partnerships and projects adopted by MAP components in cooperation with relevant organizations and networks working in SCP and SCM	All MAP components	Number of partnerships and projects adopted by MAP components in cooperation with relevant organizations and networks working in SCP and SCM	Marrakech Process task forces, business and NGO forums, African and Arab initiatives for SCP, Stockholm secretariat, Stockholm centres, GEF(PCB's, Tanneries and others)	Lack of cooperation of relevant authorities. Lack of commitment at multi-stakeholder level. Networking structures.	43	43	
Almeria's decision on ecolabeling management approach; LBS Protocol Art. 5.1;5.2;5.3 and 5.4; MSSD Objective 3 ;Catania Declaration	3.2.1 MAP Projects, Horizon 2020, MAP Governance, COPs, MAP 5yr program of work, ECP meeting, Ecosystem Management Approach 3.2.2 Dissemination of good practice in production Activities	Participation at SCP and SCM Regional and National Meetings, EU, MSCD, ECP meetings and Preparation of CP/RAC Focal Points Meetings Participation in H2020 relevant meetings (capacity building sub-group) CAMP LEVANTE	CP/RAC CP/RAC AND PAP/RAC	Number of assisted meetings by CP/RAC members, next bienium work programme agreed by CP/RAC focal points, Number of meetings, Material prepared and disseminated Number of capacity building activities and technology transfer in SCP and SCM to depollute the Mediterranean	UNEP-MAP;European Comision, Ministry of Environment Spain, Junta de Andalucia, MEDPOL	Lack of agreement between the components. Coordination between MAP components in the management of projects. Lack of financial instruments within the Horizon 2020 Initiative. Management difficulties due to the macro-size of the project. Greater involvement from public authorities	278	278	

<i>Policy relevance</i>	<i>Activities</i>	<i>Expected results</i>	<i>Responsibility (Essential tasks for Parties, Map components, other Partners)</i>	<i>Indicators of achievement/effectiveness</i>	<i>Related initiatives/Partnership</i>	<i>Challenges and risks</i>	<i>Budget</i>	
							<i>2010 '000 euros</i>	<i>2011 '000 euros</i>
							<i>EXT</i>	<i>EXT</i>
LBS Protocol Art. 5.1;5.2;5.3 and 5.4; MSSD Objective 3 ;Catania Declaration	3.3 CP News, Med Cleans, Annual Technical Publication, Reporting Activities, awareness material	Dissemination, Reporting Activities and Awareness Materials	CP/RAC	Material prepared and disseminated businesses aware of CP Benefits	MAP Communication Strategy	Difficulties to gather enough information on time. Difficulties to reach final consumers.	185	185
* Pending on the inclusion in their working plan and budget							1.700	1.700

II.4 Conservation of Biodiversity (SPA/RAC)

I. General objective of the work programme for the conservation of marine and coastal biodiversity

Five-year vision

As reliable data on species and natural sites are the basis of development and implementation of conservation programmes, the SPA/BD and MAP Phase II stressed the necessity of making inventories of the constitutive elements of Mediterranean marine and coastal biodiversity. Even though great efforts have been deployed there are still knowledge gaps and in the next five years to come, priority should be given to making inventories and/or increasing the store of knowledge.

Actions for the conservation of habitats, species and sensitive sites constitute the very backbone of the SPA/BD Protocol and capacity-building in the countries as this is one of the ways to ensure sustainability and actions like these can only be envisaged in the medium or long term. These actions are part of the biennium work programme and should be maintained so that during the next five years an ecosystem approach can be adopted and evaluation measures should be set up to test the efficacy of the training .

A more detailed evaluation of the impact of threats on biodiversity and means to reduce them are one of the major challenges in the medium term. Such actions have already been programmed for this biennium (work group on the sustainability of biodiversity, joint activities to reduce the impact on threatened species and sensitive sites), and should be further strengthened in line with the recommendations of the Almeria Declaration and extended to other types of threat.

It is clear that with reference to the themes dealt with by SPA/RAC, the Centre's future actions should take into account the decisions stemming directly from our field of competence and which will be adopted within the framework of international conventions (Convention on Biological Diversity, Convention on Climate Change in particular).

The present budgets available are inadequate for the implementation of the action plans adopted by the Contracting Parties (Monk Seal Action Plan or the Coralligenous Action Plan for example) and for fulfilling adequately the mission as an information centre on biodiversity and scientific watch (specific staff). Thus additional funding needs to be mobilized and partnership with the bodies concerned strengthened.

Biennium objectives

For the 2010-2011 biennium the objectives are as follows:

Objective 1. complete the inventories on the distribution of key-habitats in the Mediterranean and to develop monitoring systems of marine and coastal biodiversity

The Centre wishes to continue with its inventory work initiated during the 2008-2009 biennium, to complete and update it with the support of the Parties and scientists concerned. It also wishes to define and to set up surveillance systems which would make it possible to detect as quickly as possible any disturbance in the priority marine ecosystems so as to envisage measures to control and to reduce the causes responsible for any of the disturbances.

Objective 2. Promote the conservation of threatened species and to set up effective and adapted protection for sensitive sites

SPA/RAC with the help of its partners and the Contracting Parties want to set up real synergy so as to create new Marine Protected Areas and to strengthen the existing areas and also to seek new approaches for more targeted management and conservation. The aim is to work together to initiate a

network of Protected Areas which would respond to the expectations of the local communities in terms of sustainable development and which would also make it possible for endangered species to find sites of refuge where their populations could flourish.

Objective 3. Propose measures to reduce the threats to biodiversity

The threats must be better identified and practical and suitable measures are to be proposed to reduce them, with particular reference to climate change, accidental pollution with hydrocarbons and the non-sustainable exploitation of marine resources.

Objective 4. Improve knowledge-sharing on marine biodiversity and access to information at a regional level.

SPA/RAC wishes to strengthen exchanges between the different regional actors for better dissemination of scientific knowledge in the domains within its sphere of competence by continuing to set up the specific bibliographical database on line and by strengthening the scientific watch function.

Objective 5. Strengthen the competence of national stakeholders and improve awareness creation

The Centre intends to promote training workshops for those involved in the conservation of biodiversity and also a partnership between the Parties and an exchange of experience, and also to set up evaluation tools to ensure that the training provided is truly effective.

II. Results expected

- | | |
|--------------------------------|---|
| Results of objective 1. | A better knowledge of the state of Mediterranean biodiversity and regular monitoring so as to establish suitable management measures and to intervene effectively in case of a clear threat. |
| Results of objective 2. | Improved management of threatened species and sites which are important for the maintenance of biodiversity and better cooperation between partners and better assistance and cooperation with the Contracting Parties. |
| Results of objective 3. | Provide the Parties with technical tools to reduce the pressures on biodiversity. |
| Results of objective 4. | Creation of a regional functional clearing house and better access to information for decision-makers, stakeholders and the general public. |
| Results of objective 5. | Capacity-building of stakeholders at the national level in terms of study, management and monitoring of marine and coastal biodiversity, evaluation of the efficacy of the training supported by the Centre and better awareness creation among the general public. |

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>Planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
<i>Programme relating to objective 1: inventory, mapping and surveillance of Mediterranean marine and coastal biodiversity</i>						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
SAP/BD Protocol (Art. 15) SAP-BIO (Priority 2.1.) Decisions of the 15 th Meeting of the Contracting Parties	Mapping and characterization of significant Mediterranean benthic habitats	Located sensitive habitats and remarkable sites worth protecting, monitoring and identified	SPA/RAC, Blue Plan, Contracting Parties concerned	Surface area of mapped areas and/or inventoried coastline. Number of FSD compiled, number of sites studied	IUCN, WWF, AECID. CE	10		30 ⁸	10		20 ⁸
SAP-BIO (Priority 2,1 and 2.2.2.)	Programme for mapping key-habitats.	Work programme to fill in gaps on distribution of priority established and submitted habitats.	SPA/RAC	Programme established and submitted		10					
SAP/BIO (Priority 2.1.) Decisions of the 15 th Meeting of the Contracting Parties Vegetation Action Plan	Implementation of monitoring networks	Improved monitoring of biodiversity and important habitats	SPA/RAC, Contracting Parties concerned, Secretariat, Blue Plan	Number of sites monitored or SPAs taken into account, Number of sensitive habitats or monitored species	National partners and Partners of "Vegetation " Action Plan	15			15		

⁸ Project DCI-ENV/2007 – 143939/RMD (biodiversity part of the Large Marine Ecosystems Partnership" project

Programme pertaining to objective 2: Conservation of habitats, sensitive species and sites

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>Planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
<i>Objective 2A – Conservation of sensitive habitats and sites</i>											
SPA/BD Protocol (Art.9) Decision IG 17/12	Ordinary evaluation of SPAMIs registered on the list in 2003 and 2005	Conformity between the list registration criteria and the SPAMIs registered in 2003 and 2005 respected and maintained or better efficacy of SPAMIs in terms of controlled conservation of biodiversity	SPA/RAC, Contracting Parties concerned	% of SPAMIs evaluated	Managers and/or stakeholders of SPAMIs concerned, national experts MAP Reporting system				5		
SPA/BD (Art.9) Decision IG 17/12	Better representativity of SPAMI network	Increased No. of SPAMIs, better representativity of network in terms of geographical distribution of habitats and protected species	SPA/RAC, Contracting Parties concerned	Number of SPAMIs proposed for registration on list	IUCN, WWF, ACCOBAMS, MedPAN	10					
SPA/BD Protocol (Art. 5) SAP-BIO (priorities 2.2.3, 2.2.4. 2,2,5) MSSD (Art.2.7)	Implementation of MedMPANet project: - Establishment of priority actions for the creation of MPA - Identification of stakeholders and potential partners - Characterization of marine sites likely to become PMAs - Ecological evaluation of new sites of conservation interest	Priority actions identified Stakeholders and partners identified Potential sites inventoried and evaluated	SPA/RAC, Contracting Parties concerned, MAP	List of priority actions identified List of potential stakeholders and partners No. and/or % of sites of conservation interest	WWF, Conservatoire du Littoral, IUCN, UN-FAO, CGPM, EC, AECID, FFEM			9			10
								75			40
								25			10
								170			85
								250			195

^{9 & 10} Project DCI-ENV/2007 -143939/RMD (biodiversity part of Large Marine Ecosystems Partnership project)

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>Planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
SAP-BIO (priorities 2.2.3, 2.2.4, 2.2.5 and 2.2.6 MSSD (Act. 2.7)	Implementation of regional work programme of SPA/RAC on MPA, country assistance to improve SPA network and connectivity between SPAs	Better efficacy of SPAs (creation of new areas, strengthening of existing areas) and identification of measures to improve connectivity between the SPAs as means of adaptation to climate change	SPA/RAC, Blue Plan	Guidelines submitted to PF meeting, no. of actions undertaken for SPAs	IUCN, national partners, MedPan, WWF	10		67	10		
SPA/BD Protocol (Art.9) MSSD (Act.2.7)	Creation of SPAMIs on high seas including deep waters	Setting up processes to increase no. of SPAMIs on high seas, incl. deep waters : - Legal analysis of pre-identified sites - Cooperation with partners and monitoring committee - Information and awareness creation on SPAMIs - Requests	SPA/RAC, Secretariat, REMPEC	Number of protected areas proposed on high seas during year 2, number of information, awareness creation documents and reports produced	EC, UN-FAO, CGPM, IMO, PELAGOS, ACCOBAMS, UNEP REG SEAS, OSPAR, IUCN, CIESM			11			¹²
								25			25
								80			
								18			31
								58			
SAP-BIO (priorities 2.2.3, 2.2.4, 2.2.5 and 2.2.6) MSSD (Act.2.7)	Implementation of CAMP Almeria - Setting up cooperation process with users - Awareness creation and information actions - Proposals for planning and monitoring of MPA	Better implementation of SPA/BD Protocol and action plans in MPA	SPA/RAC, RAC/PAP, Secretariat, Blue Plan, RAC/PP, RAC/Info	Number of documents produced, report of cooperation process, ecological monitoring programme	Andalusia region, Spanish Ministry of the Environment I	10			10		

¹¹ & ¹² Projet CE 21.0401/2008/519114/SUB/D2 (Establishment of MPA on high seas, incl. deep waters)

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>Planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
Objective 2B – Conservation of threatened species											
SPA/BD Protocol (Art.11 and 14) Monk seal Action Plan	Establishment of regional programme for conservation of the monk seal, based on that of the Atlantic region	Draft work programme for the 3 conventions submitted for adoption at the next PF meeting	SPA/RAC	Draft regional programme submitted	Bonn and Berne Conventions, Regional partners and Contracting Parties concerned		30				
SPA/BD Protocol (Art. 11 and 14) "Monk seal" Action Plan	Characterisation and monitoring of habitats and populations in collaboration with national institutions concerned	Better knowledge on monk seal population in the Mediterranean	SPA/RAC, Contracting Parties	Number of cameras set up and Number of monitoring reports made. Number and % of reproduction and resting caves known, proposed for protection.	National partners, IUCN		24			14	
SPA/BD Protocol (Art.11 and 14) "Cetaceans" Action Plan	Country assistance for implementation of actions for conservation of cetaceans, monitoring of strandings and participation in ACCOBAMS activities	Better conservation of cetaceans in the Mediterranean	SPA/RAC, REMPEC	Number of actions carried out for benefit of cetaceans	ACCOBAMS, FAO, CGPM, national partners concerned		20			10	
SPA/BD Protocol (art. 11 and 14) "Cetaceans" Action Plan	Evaluation of national Action Plans, identification of gaps and actions to promote conservation of cetaceans.	Evaluation of activities carried out within the framework of the Action Plan and proposed priority actions to be undertaken	SPA/RAC, Contracting Parties	List of priority actions submitted to the next PF meeting	ACCOBAMS, regional and national partners concerned					5	

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>Planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
SPA/BD Protocol (Art. 11 and 14) Decision IG 17/11 "Turtles" Action Plan	Establishment of guidelines for monitoring of nesting sites and standardisation of monitoring methods incl. study of sex ratio	Standardisation of monitoring methods of reproduction sites and study of sex ratio	SPA/RAC, Contracting Parties, Blue Plan	Guidelines submitted for next PF meeting	IUCN, national partners, Action Plan partners, NGO		5				
SPA/BD (Art.11 and 14) Decision IG 17/11 "Turtles" Action Plan	Assistance to countries for the implementation of Action Plan and impact evaluation of climate change on marine turtles	Better conservation of marine turtles	SPA/RAC, Contracting Parties, Blue Plan	Number activities carried out for the conservation of marine turtles	IUCN, national partners, Action Plan partners, NGO		15			20	
SPA/BD Protocol (Art. 11 and 14) "Vegetation" Action Plan	Assistance to countries for the implementation of "vegetation" Action Plan: - mapping of marine vegetation - setting up monitoring networks	Distribution of marine vegetation and better monitoring	SPA/RAC, Contracting Parties concerned	Number of sites mapped or monitored	Action Plan partners		13		14		
SPA/BD Protocol (Art. 11 and 14) "Cartilaginous Fish" Action Plan	Assistance to countries for the implementation of Action Plan in partnership with relevant organisations	Improved conservation of cartilaginous fish populations	SPA/RAC	Number of national/sub-regional/regional reports (CGPM, Bonn, SPA/RAC, IUCN) prepared on ongoing work and projects	UN-FAO, CGPM, IUCN, Bonn Convention, Action Plan partners		20			15	
SPA/BD Protocol (Art.11 and 14) Decision IG 17/11 "Birds" Action Plan	Assistance to countries for the implementation of Action Plan	Better monitoring of bird populations of annex II	SPA/RAC	Number of activities undertaken	Birdlife, NGOs, Action Plan Partners		8				

^{13 & 14} funding scheduled in objective 1

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>Planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties)</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
SPA/BD Protocol (Art. 11 and 14) Decision IG 17/15 "Coralligenous" Action Plan	Organisation of meeting of experts to define and standardize monitoring methods of coralligenous formations	Standardized protocol established for follow-up and monitoring of coralligenous	SPA/RAC	Guidelines on monitoring methods of coralligenous formations for submission at next PF meeting	IUCN, national partners, RAMOGE, CIESM		26				

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
<i>Programme relating to objective 3 – Evaluation and mitigation of threats to biodiversity</i>											
SPA/BD (Art. 14) SAP-BIO (Priority 2.3.4) Decision IG 17/11 "Introduced species" Action Plan	Strengthen regional and sub-regional mechanisms of data collection and dissemination of information on non-indigenous invasive species	Better dissemination of information on sightings of new introduced species	SPA/RAC	Number of species inventoried/ Number of countries/institutions supporting this information gathering mechanism	IUCN		15			10	
SPA/BD (Art.14) SAP-BIO (Priority 2.3.4.) Decision IG 17/11 "Introduced Species " Action Plan	Strengthening of legal instruments and national capacity for management of ballast water	Reduction of introduced species through ballast waters and strengthening of necessary legal tools	SPA/RAC, REMPEC, Contracting Parties concerned	Number of legal instruments applied/ number of trainees trained on various aspects of ballast water management	IMO, national partners		25				
SAP-BIO (Priority 2.3.2) MSSD (Act. 2.7)	Evaluation of interactions between fishing and aquaculture and conservation of threatened species and sensitive habitats and propose guidelines to reduce these interactions	Reduction of threats, due to exploitation of living resources, to biodiversity	SPA/RAC, RAC/CP	Guidelines submitted to next PF meeting	FAO, CGPM, ADRIAMED, COPEMED II, MEDSUDMED		15			10	
SAP-BIO (priority 2.3.1, 2.3.2, 2.3.8 and 2.3.9) MSSD Act. 2.7. Decision IG 17/11	Evaluate the impact of threats on biodiversity in the SPAs (e.g. pollution, tourism, climate change) and propose indicators and monitoring methods	Tools to monitor identified impacts and monitoring programme set up	SPA/RAC, Blue Plan, RAC/PAP	Indicators identified, monitoring protocols or emergency plans set up	UNFCC secretariat, CELRL, IUCN		20			23	

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
<i>Programme relating to objective 4 - Development of research to improve knowledge and fill gaps on biodiversity</i>											
SPA/BD (Art. 20) SAP-BIO (priority 2.4)	Oceanographical survey to identify the MPAs on high seas, incl. deep water zones	Better scientific knowledge on sectors concerned	SPA/RAC, Secretariat, REMPEC	Dossiers and reports to complete the dossiers on SPAMs for 3 potential sites	EC, UN-FAO,CGPM, PELAGOS, ACCOBAMS, UNEP REG SEAS, CIESM, French Agency of Marine Protected Areas			124 ¹⁵			44 ¹⁶
SPA/BD (Art.20) SAP-BIO (Priority 2.4) "Birds" Action Plan	Organisation of 2 nd symposium on marine birds and regional knowledge updating on conservation of bird species in Annex II	Better dissemination of scientific knowledge on bird species of Annex II	SPA/RAC	Number of participating scientists and Symposium reports ready	Birdlife, "Bird" Action Plan partners, NGOs concerned				15		
SPA/BD Protocol (Art.20) SAP-BIO (Priority 2.4) "Vegetation" Action Plan	Organisation of IV symposium on marine vegetation and regional knowledge update on vegetation species in Annex II	Better dissemination of scientific knowledge on marine vegetation species in Annex II	SPA/RAC	Number of participating scientists and Symposium reports ready	"vegetation" Action Plan partners	18					
SAP-BIO (Priorities 2.4, 2.5.1 and 2.6.1.)	Developing SPA/RACs web site into an Information Exchange Centre on biodiversity	Better communication between the Centre, Contracting Parties and partners	SPA/RAC, INFO/RAC	Number of connections on web site, number of flash news produced		10			10		

¹⁵ & ¹⁶ Projet CE 21.0401/2008/519114/SUB/D2 (establishment of MPA on high seas, incl. deep water zones)

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
SAP-BIO (Priorities 2.4 and 2.6.1)	Updating of different information section of MEDGIS (meadows, coralligenous..) and updating the regional bibliographical data bases	Better dissemination of scientific knowledge on marine and coastal biodiversity on regional level	SPA/RAC, RAC/Info	Number of bibliographical databases created, Number of references in each database, Number of geo-referenced data, integrated into MEDGIS		10			10		

<i>Political relevance (ref. To provisions Of Convention, protocols and Party meeting decisions)</i>	<i>Planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>	<i>Budget</i>					
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
<i>Programme relating to objective 5. – Capacity building to improve coordination, technical assistance and better awareness creation in general public</i>											
SAP-BIO (priority 2.5.2) MSSD (Act. 2.7)	Establishment of guidelines within MedMPAnet on good practice and problems linked to climate change impacts on biodiversity and assistance in elaborating strategy and funding requests	Better knowledge on climate change and funding mechanisms	SPA/RAC, Blue Plan	Number of reference documents, guidelines and information documents produced	EC, WWF, AECID, FFEM, Conservatoire du Littoral, IUCN			17			18
								55	10		80
SAP-BIO (priority 2.5.2) MSSD (Act. 2.7)	Training and capacity building actions scheduled within the framework of the MedMPAnet project for: - national capacity building to promote an SPAs representative network - to train managers, professionals and relevant authorities in identifying demonstration sites, in management, planning and ecological monitoring of MPAs - to train stakeholders in participative mechanisms	To improve competence of stakeholders concerned in terms of management, planning and monitoring of MPAs	SPA/RAC	Number of training activities carried out, as well as workshops and persons trained	EC, WWF, AECID, FFEM, Conservatoire du Littoral, IUCN						
								55			130
								55			45
								50			50
SAP-BIO (Priority 2.5.2) MSSD (Act.2.7) "Coralligenous" Action Plan	Organisation of training workshop on study and monitoring methods of coralligenous formations	Better training of national stakeholders in studying and monitoring of coralligenous formations	SPA/RAC	Number of persons trained	RAMOGE, IUCN, national partners concerned				20		

<i>Political relevance (ref. to provisions Of Convention, protocols and Party meeting decisions)</i>	<i>Planned activities/actions</i>	<i>Expected results</i>	<i>Responsibility (description of responsibility elements of MAP components and of contracting Parties</i>	<i>Implementation indicators</i>	<i>Initiatives / of partnerships corresponding</i>						
						<i>2010 '000 euros</i>			<i>2011 '000 euros</i>		
						<i>MTF</i>	<i>EC</i>	<i>EXT</i>	<i>MTF</i>	<i>EC</i>	<i>EXT</i>
SAP-BIO (Priority 2.5.2) MSSD (Act.2.7)	Organisation of training workshop on taxonomy during field trips to characterize national sites within the framework of the MedMPAnet programme	Improve the taxonomic knowledge of national stakeholders	SPA/RAC	Number of persons trained	Regional organisations	10					
SAP-BIO (Priority 2.5.2) MSSD (Act.2.7) "Turtles" Action Plan	Capacity building on conservation of marine turtles	Capacity building of national stakeholders on protection of nesting sites and care of injured animals.	SPA/RAC	Number of persons trained	NGOs, Action Plan partners	10			10		
Organization of the 10 th meeting of National Focal Points									64.7		
TOTAL						123	223	1137	189.7	107	755

II.5 Priority Action Programmes (PAP/RAC)

Main goal:

The overall goal of the Priority Actions Programme is to support the implementation of the Barcelona Convention and its Protocols, which aims at protecting the environment and contributing to the sustainable development of the Mediterranean Sea area. PAP/RAC is specifically concerned with sustainable development of coastal areas and coastal regions of the Mediterranean basin, by promoting integrated coastal zone management (ICZM) as a major tool to achieve the Convention's goals. More specifically, the goal in the coming biennium is to carry out the preparatory activities for the implementation of the ICZM Protocol, which was signed in January 2008. These activities are to be carried out in the interim period before the Protocol enters into force.

The implementation of the Priority Actions Programme in the 2008-2009 biennium is carried out through activities organized in two major groups:

- Sustainable management of coastal zones; and
- Integrating development and environment.

Sustainable management of coastal zones

Objective 1:

To carry out the preparatory activities for the implementation of the ICZM Protocol (signed on 21 January 2008). These activities are meant to be carried out in the interim period before the Protocol enters into force, and are based on the previous activities and conclusions of the Expert Meeting on the Action Plan for the Implementation of the ICZM Protocol (Split, 17-18 June 2009).

Expected Outputs:

- Questionnaire for the stocktaking report of the state of the art of ICZM in the Mediterranean countries including stocktaking of existing diverse national / local experience in determining a setback
- Stocktaking report of the state of the art of ICZM in the Mediterranean
- Explanatory guide on ICZM Protocol
- Reporting format and effectiveness indicators
- Awareness-raising and training activities

Medium-term prospects:

It is expected that in the medium-term the ICZM Protocol will enter into force, i.e. that at least six countries will ratify it. It is crucial that the above activities are undertaken in order to be ready for the implementation of the Protocol when it enters into force. It is expected that the Protocol will become binding in the second part of this medium-term period.

Objective 2:

To assist the Mediterranean coastal States in implementing integrated coastal zone management (ICZM) through development and implementation of appropriate ICZM tools, improved exchange of information, increased capacity-building, and implementation of concrete projects (Coastal Area Management Programme – CAMP).

Expected Outputs:

- CAMP Morocco: Completion of the project (final activities reports, final conference)
- CAMP Italy: Feasibility Study, Project Agreement, Inception Workshop, implementation of the project
- CAMP Spain: Implementation of the project

- CAMP Montenegro: Project Agreement, Inception Report
- CAMP France: Feasibility Study, Project Agreement
- Training courses and workshops in CAMPs
- Capacity-building initiatives and participatory programmes in CAMPs
- Report on the current state of the spatial planning systems (maritime and terrestrial) in Mediterranean countries
- Workshop to propose measures to improve spatial planning in the Mediterranean countries
- Synthesis report of thematic studies on landscape management prepared in the previous biennium
- Workshop to introduce various methodologies for landscape management
- Outputs of activities envisaged by the project documents of PEGASO and GEF LME projects
- Preparation of the Coast Day celebrations
- MedOpen basic course (internet-based) on ICZM

Medium-term prospects:

The above activities are designed as assistance to countries in the implementation of ICZM, and also preparation for the implementation of the ICZM Protocol and its implementation once it enters into force. They include support to and promotion of various ICZM tools and methodologies, and carrying out local-level ICZM initiatives, such as CAMP projects, which are bound to become a crucial component of the integration of the Protocol provisions into "real-life" situations on the ground. CAMP is becoming increasingly designed as a tool for practical application of the Protocol in specific coastal areas in the Mediterranean.

Integrating development and environment

Objective 3:

To assist the Mediterranean States in implementing the Mediterranean Strategy on Sustainable Development (MSSD), in particular Chapter 2.7 related to coastal zones, and to help them develop tools for the integration of priority sectoral objectives into development policies.

Expected outputs:

- Assessment reports on vulnerability of coastal zones to risks
- Preparation of specific plans for sustainable development of islands
- Urban management plans, green belts/ecological corridors plans
- Promotion of tools for integrating environmental concerns into policies, programmes and projects
- Workshop to present the Guidelines on Integrated Coastal Urban Water System Planning in Coastal Areas of the Mediterranean (English and French)
- Workshop to present the Beach Management Guidelines for the Mediterranean (English and French)

Medium-term prospects:

The activities under this objective are all focused on the implementation of the MSSD, in particular its chapter 2.7. Most of them are more sectoral, such as urban management in coastal areas, beach management, water resources and the like, but integrated with wider coastal sustainable development strategies.

Integrated Coastal Zones Management

Policy Relevance	Activity	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/Indicators	Related initiatives/ Partnerships	Proposed Budget						
						2010 '000 euros			2011 '000 euros			
						MTF	EC	EXT	MTF	EC	EXT	
<i>Legal Framework</i>												
Barcelona Convention; ICZM Protocol; MSSD	Preparatory activities for the implementation of ICZM Protocol once it enters into force (Article 28): Assistance to countries	Stocktaking of the state of the art of ICZM in the Mediterranean countries including stocktaking of existing diverse national / local experience in setting a setback	Secretariat (support in the development and co-ordination) PAP/RAC (implementation of tasks)	Questionnaire on ICZM stocktaking completed Stocktaking report on ICZM in the Mediterranean prepared, published and disseminated		20			30			
		Explanatory guide on the text of ICZM protocol	Secretariat (support in the development and co-ordination) PAP/RAC (implementation of tasks)	Explanatory guide on ICZM Protocol prepared, published and disseminated		10			11.24			
		Reporting Format for the ICZM Protocol and related Effectiveness indicators Report of the Regional Workshop	Secretariat (support in the development and co-ordination) PAP/RAC (implementation of tasks)	Reporting Format and Effectiveness indicators completed and adopted by the Parties Regional Workshop	MAP reporting system							40
		Awareness raising and training for the Protocol	Secretariat (support in the development and co-ordination) PAP/RAC (implementation of tasks) NGOs Civil society	Two training workshops	INFO/RAC				25			25

Policy Relevance	Activity	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/Indicators	Related initiatives/Partnerships	Proposed Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	EXT	MTF	EC	EXT
Sustainable Management of Coastal Zones											
MSSD; Barcelona Convention; ICZM Protocol; Operational SAP for ICZM	Co-ordinating role; implementation of ICZM activities in Spain and Italy; preparation of final integrated reports in Morocco; preparation of projects as a follow-up of CAMP activities; preparatory activities for CAMP projects in Montenegro and France	Completion of CAMP Morocco (Final activities reports, Final conference) CAMP Italy (Feasibility Study, Project Agreement, Inception Workshop, implementation of the project) CAMP Spain (Implementation of the project) CAMP Montenegro (Project Agreement, Inception Report) CAMP France (Feasibility Study, Project Agreement)	Secretariat: overall supervision PAP/RAC: co-ordinating role, integration of activities, implementation of individual activities Other MAP components: support within their field of expertise National /Sub-national counterparts (implementation of the activities)	Final activities reports completed, Feasibility Studies prepared, Agreements signed, Activity reports submitted, Participatory programmes implemented, Final Integrated reports finalised, Final presentation conferences held	MAP Components; Project Steering Committees Other external institutions/organisations; relevant stakeholders; donors	10	120	2,000* 510**	10	120	2,000* 510**
	Capacity building of stakeholders in CAMPs	Training courses and workshops; Capacity building initiatives; Participatory programmes	Relevant MAP Components: support within their field of expertise	Training courses/workshops organised Number of participants/countries involved	MAP Components, UNESCO, FAO, UNCCD, WB METAP	13					

* Indicate cash and in-kind contribution by the Italian Ministry and Regions for CAMP Italy. To be allocated in compliance with the Italian law on budget.

** Indicate cash and in-kind contribution by the Spanish Ministry and Region of Andalucia for CAMP Levante de Almeria, Spain

Policy Relevance	Activity	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/Indicators	Related initiatives/ Partnerships	Proposed Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	EXT	MTF	EC	EXT
	Assistance to Mediterranean countries in application of ICZM and ICARM methodologies: application/development of tools and instruments for ICZM – such as maritime spatial planning, coastal hazard assessment and risk management, ecosystems approach in coastal management	Report on the current state of the spatial planning systems (maritime and terrestrial) in Mediterranean countries	PAP/RAC; Countries providing information on the current planning systems and their shortcomings	Number of countries participating in the analysis; Number of reviews prepared	EU	15			15		
	Application of landscape management methodologies and tools in Mediterranean coastal areas	Synthesis report of Thematic studies prepared in the previous biennium	PAP/RAC	Report prepared		7					
	Implementation of PEGASO (FP7 EU project on ICZM); Shared ICZM Governance Platform for Mediterranean and Black Sea Basins	Outputs of activities envisaged by the project document	PAP/RAC (relevant work packages); other project partners	Reports/Outputs according to the project document prepared.	Project partners	10		85	10		85
	Implementation of ICZM activities of the GEF "Regional Component of Large Marine Ecosystem Project"	Outputs of activities envisaged by the project document	PAP/RAC (relevant activities); Countries involved in the project; GEF; Other MAP Components	Reports/Outputs according to the project document prepared.	WB/METAP	10		142.5	10		142.5
	Regional workshop to introduce methodologies and tools for landscape management; landscape planning, vulnerability studies, landscape typology	Workshop to introduce various methodologies for landscape management	PAP/RAC	Number of participants/countries in the workshop Report of the workshop.	EucaLand EU project; Council of Europe; UNESCO	20					
	Regional workshop to propose measures to improve spatial planning in Mediterranean coastal areas	Workshop to propose measures to improve spatial planning in the Mediterranean countries	PAP/RAC	Number of participants/countries in the workshop Report of the workshop.	UNESCO/IOC, IMAGE						30

Policy Relevance	Activity	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/Indicators	Related initiatives/ Partnerships	Proposed Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	EXT	MTF	EC	EXT
	Organisation of the Coast Day	Preparation of the Coast Day Celebrations with partners in the countries	PAP/RAC; Countries; NGOs	Number of countries that organised the Coast Day; Number of participants	SMAP follow up	5.543					10
	ICZM educational activities	MedOpen basic course (internet based) on ICZM)	PAP/RAC	Number of students that were involved and completed the course	EducoMed project			5			5

Policy Relevance	Activity	Expected outputs for the biennium 2010-2011	Responsibility	Achievements/Indicators	Related initiatives/Partnerships	Proposed Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	EC	EXT	MTF	EC	EXT
Integrating Environment and Development											
MSSD	Assistance to countries in implementation of the MSSD Implementation of Chapter 2.7 of the Strategy	Assessment reports on vulnerability of coastal zones to risks; Preparation of specific plans for sustainable development of islands; Urban management plans, green belts/ecological corridors plans; promotion of tools for integrating environmental concerns into policies, programmes and projects.	PAP/RAC; National counterparts; Other MAP Components within their field of expertise	Number of reports/plans prepared Number of local stakeholders involved	MAP Components			25			25
	Workshop to present the Guidelines on Integrated Coastal Urban Water System Planning in Coastal Areas of the Mediterranean (English and French)	Workshop to present the Guidelines on Integrated Coastal Urban Water System Planning in Coastal Areas of the Mediterranean (English and French)	PAP/RAC	Number of participants/countries involved	WB/METAP; IME			30			30
	Workshop to present the Beach Management Guidelines for the Mediterranean (English and French)	Workshop to present the Beach Management Guidelines for the Mediterranean (English and French)	PAP/RAC	Number of participants/countries involved				30			30
Barcelona Convention	National Focal Points Meeting of PAP/RAC	Report of the Meeting Final proposal of the work programme for the next biennium	PAP/RAC Secretariat: overall co-ordination	Number of Contracting Parties attending the meeting					25		
TOTAL Activities						120.54	120	2 852.5	111.24	120	2 932.5
						3					

II.6 Environment and Development (Blue Plan)

The proposed programme of activities for the next biennium is in line with the content of the Strategic Intervention Framework (SIF) adopted by the Blue Plan focal points meeting in Palermo in June 2007 and feeds the 5-years programme elaborated by the MAP. It is based on four main programmes aiming at:

- Improving governance of sustainable development
- Anticipating the effects of climate change
- Adapting production and consumption patterns
- Resource and ecosystems conservation.

It also takes account of progress made under the programme submitted for 2008-2009.

1. Improving governance of sustainable development

The 2010-2011 biennium will be marked first and foremost by an assessment of the activities conducted under the aegis of the MCSD, particularly those related to the follow-up of the Mediterranean Strategy for Sustainable Development (MSSD). It will also be an opportunity to update the MSSD regarding, on the one hand, progress made on the implementation of its provisions and, on the other, new initiatives which have emerged in the region, with the Union for the Mediterranean in the forefront.

The Blue Plan is responsible for documenting the main MSSD indicators on a regular basis and is involved in the activities relating to climate change, water, energy, tourism, promoting sustainable agricultural and rural development and transport. As such, it intends to provide input to the planned evaluation work and to contribute to the updating of the strategy from its own corner and within its own field of competence. This will be achieved by setting aside a given number of man-hours per month to draw up an assessment of the activities conducted and to organise and (alongside the appropriate experts) conduct the discussions which will fuel the strategy.

In addition and in line with its terms of reference, the Blue Plan will document the MSSD's 34 priority indicators and will endeavour to assess the progress made by the states in its implementation both at global level and under the various thematic chapters. This work will provide material for the second report on the environment and development, planned for 2011. It will also be made available to Blue Plan's partners through a web interface drawn up in conjunction with Info/RAC within the framework of a new Information System on the Environment and Sustainable Development, compatible with similar instruments available at European level in particular.

2. Anticipating the effects of climate change

As far as climate change is concerned, following up on the work of the seminar held in Marseille in October 2008 as well as the recommendations from the 13th MCSD, the Blue Plan will strive to specify the nature and scale of the expected impact, particularly in the key sectors of water, energy and tourism. To this end, it will propose a set of specific indicators to be documented.

It will also start work on identifying sticking points and potential leverage within states' policies at both national and local level, in order to make progress on adapting to climate change, particularly in the building and water management sectors. In the energy sector, it will highlight the costs (investment needs, training), the benefits or the additional cost of an alternative scenario adapted to climate change compared with a trend scenario, as well as the associated socio-economic changes and the benefits (economic growth, jobs, infrastructure development, local and global pollution, quality of life) of the lines proposed in the building sector.

Finally, the Blue Plan will be instrumental in leading the work of the various MAP components on this theme.

3. Adapting production and consumption patterns

Following up on the recommendations from the meeting of water ministers held in Jordan in December 2008, the Blue Plan will be instrumental in drafting the Strategy for Water in the Mediterranean, to be finalised in 2010. Drawing on the latest available data on the state of the resource and a trend scenario on evolving demand it will in particular strive to propose a regional water savings objective for the year 2025. It will subsequently study the relevance thereof, using economic information based largely on cost-benefit studies of various water management options, including short and long term environmental and social objectives.

These economic analyses should also make it possible to estimate the financial savings potentially to be made by implementing WDM policies- through comparing with supply-based policies- and serve as a basis for improving inter-sectoral water efficiency.

In the energy sector and drawing on the results of the analyses conducted in 2007 and 2008 on the theme of « energy and climate change in the Mediterranean » (Annex 7), the Blue Plan will strive to:

- Achieve a clear and precise vision of the region's energy efficiency situation, using common indicators which can be compared between states.
- Completely overhaul the Blue Plan's regional « energy » and « water » scenarios, including the issues of adaptation to climate change, European policies and the Bali roadmap.

Based on a prospective study for 2025 for the international transport sector, which distinguishes three scenarios drawn up according to growth hypotheses, the cost of energy and taking account of differentiated environmental concerns, the Blue Plan will address the impact of maritime transport on the environment, paying particular attention to the development of port infrastructure. It will also consider the consequences for Mediterranean traffic of the opening up of new shipping routes in the Arctic Ocean.

Following the work initiated on urban mobility and the distribution of a recommendations guide on the subject, the Blue Plan will initiate a discussion process on the sustainable city in the Mediterranean (Annex 9). The aim will be to help translate the provisions of the MSSD's « urban » chapter into action plans, highlighting examples of good practice relating in particular to land management, local governance and the funding of local services. This approach could foreshadow the drawing up of a « plan for sustainable urban development in the Mediterranean area ».

In the area of tourism and in accordance with the lines established at a July 2008 seminar on « Promoting sustainable tourism in the Mediterranean », the Blue Plan intends to undertake three main issues:

- Energy management: air transport and tourism
- Training and human resource management,
- Yachting and cruising: facilities and infrastructure, pollution and waste.

Blue Plan will also start systemic and territorial work allowing the destination to be addressed as the basic unit for tourist development.

In accordance with the CSD's programme of work and in conjunction with the MAP components, the Blue Plan intends to address the issue of waste management, household waste in particular. Based on a sample of case studies the production, nature and flows of waste produced in the Mediterranean-household waste in particular- will be better defined, the various processing channels analysed and proposals made as to how product life cycles can be better taken into account in modes of production and consumption.

4. Resource and ecosystems conservation

In conjunction with SPA/RAC and MEDPOL, the Blue Plan will initiate work intended to produce an estimate of the economic value of the ecological services (ES) provided by the ecosystems which comprise the Mediterranean large marine ecosystem. The estimates of the values of the various ESs will be based on the Total Economic Value (TEV) methodological framework.

Policy relevance	Activity	Expected results for the 2010- 2011 biennium	Leadership	Output/ Indicator	Partnerships / related activities	Proposed Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	CE	EXT	MTF	CE	EXT
Programme 1. Improving governance of sustainable development											
Decision IG 17/17 of the Conference of the Parties in Almeria concerning the implementation plan for the Mediterranean Strategy for Sustainable Development (MSSD) : Protocol on the Integrated Coastal Zone Management.	Implementation and updating of the Mediterranean Information System on Environment and Sustainable Development (MISES)	Setting up of a network of national technical focal points	Secretariat, BP, INFO/RAC	Number of nominated focal points	Contracting parties French Development Agency (AFD) Spanish development and International cooperation agency (AECID)/AEE						
		Data actualization, metadata and data catalogue	Secretariat, PB, INFO/RAC and other RACs	Number of updated entries, amount of accessible data Number of hits on the dedicated web site	UNEP -GRID, EEA, OECD, Technical focal points	5			5		
	Documentation and revision of priority indicators of the MSSD	Production of a pamphlet summarising key data	Secretariat, BP and other RACs	Number of entries/ indicators, Number of publications released, Number of hits on the dedicated web site	UN-CSD,EEA, OECD, Technical focal points	10			10		
	Follow up of implementation of MSSD requirements in national strategies	National studies on the integration of the dispositions of the SMMD in public policies.	Secretariat, BP and other RACs	Number of studies		5			5		
	Contribute to the development of different prospective tools for spatial planning	Testing of the prospective modelling « Imagine » on different spatial scales	Secretariat/BP/ PAP-RAC	Number of case studies.	CT of Barcelona, AEE	25		35			35
Decision IG 17/5 referring to the document on MAP governance	Second report on environment and sustainable development	Drafting of thematic chapters mandated to the Blue Plan and contribution to the report coordination t	Secretariat, BP, INFO/RAC and other RACs	Number of contributions, Number of publications.	UNEP, AEE	15			15		
Programme 2. Anticipating the effects of climate change											

Policy relevance	Activity	Expected results for the 2010- 2011 biennium	Leadership	Output/ Indicator	Partnerships / related activities	Proposed Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	CE	EXT	MTF	CE	EXT
Almeria Ministerial Declaration on climate change and Decision IG 16/17 of the Conference of the Parties relative to the implementation of the recommendations of the 12th MCS D on matters of climate change and on the Integrates Coastal Zone Management.	Estimating the Impact of Climate Change	Determining a series of 40 impact indicators specific to the Mediterranean				35			25		
		Study on the consequences of sea level rise on coastal zones.	Secretariat/BP/ PAP-RAC	1 regional study	Working group HYMEX (Hydrological cycle in the Mediterranean EXperiment			300			
		Synthesis of the hydro-geological medullisation of the Mediterranean basin in a changing climate	BP, PAP/RAC		Laboratory Hydro-sciences University of Montpellier			15			
	Promoting adaptation to climate change	Analysis of the adaptation to climate change of the water/energy sectors.	BP and other RACs	2 national studies in Egypt and Morocco	MEDENEC MEDREG AECID AFD			15			15
		Sudy on tourism and air traffic in a changing climate	BP/ PAP-RAC	1 regional prospective study	Research group ECLAT (Group of intergovernmental experts for research on climate)			25			
Programme 3. Adapting production and consumption patterns											
Decision IG 16/17 of the Conference of the Parties relative to the implementation of the MCS D recommendations on	Improve water efficiency	Setting a regional water saving objective to 2025	BP	1 regional study	Expert Group of the Conference of Water Directors EUROMED Mediterranean Water			25			

Policy relevance	Activity	Expected results for the 2010- 2011 biennium	Leadership	Output/ Indicator	Partnerships / related activities	Proposed Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	CE	EXT	MTF	CE	EXT
water management and the promotion of energy efficiency and renewable energy. Recommendations of the 10 th MCSD on the application of the MSSD.					Institute SEMIDE AFD AECID						
	Promote the rational use of energy	Identification of a list of energy efficiency indicators relevant to the Mediterranean.	BP	1 Mediterranean database	French Environment Agency (ADEME), ANME, APRUE..) European Commission, IEA			15			15
		Drawing of a scenario representing a shift towards a low carbon economy	BP	1 prospective study	Mediterranean Energy Observatory (OME)			15			15
		Analysis of the potential for improving the energy efficiency in buildings	BP	3 national studies (Morocco, Lebanon, Tunisia) and 1 regional study	ADEME			45		25	
	Anticipate the role of the transport sector	Drawing on the Blue Plan's outlook studies, promote an alternative development scenario «Integrated Mediterranean » which favours sustainable transport modes	BP	1 regional study	AFD AECID	25			20		
	Promoting the Mediterranean sustainable city	Compilation of municipal and metropolitan strategies in the Mediterranean				35			15		
		Overview of the situation in urban transport in the Mediterranean and	BP	1 regional summary and regional seminar	MEDCITES World Bank, AFD	20		15			

Policy relevance	Activity	Expected results for the 2010- 2011 biennium	Leadership	Output/ Indicator	Partnerships / related activities	Proposed Budget					
						2010 '000 euros			2011 '000 euros		
						MTF	CE	EXT	MTF	CE	EXT
		open discussion on the key findings									
	Promoting sustainable tourism in the Mediterranean	Estimate the economic, social and ecological footprint of 10 pilot destinations	BP, PAP/RAC	10 case studies, 1 regional study	University of the Agene sea			100			75
		Study on the impact of cruise ships and leisure boats on the environment	BP, PAP/RAC	1 regional study				25			
	Estimating waste origins composition and flows in the Mediterranean	6 national studies intend to elucidate the nature and flows of waste, particularly household waste in the Mediterranean	BP, CP/RAC, MEDPOL	6 national studies	PNUE OCDE AEE CEDARE ISTAT Italie	30			30		
		Regional study on material flows of certain consumer goods as a proxy to estimating waste volumes and flows	BP CP/RAC	1 regional study	UNEP OCDE EEA Istat Italy				25		
Programme 4. Resource and ecosystems conservation											
Decision IG17/6 on an ecosystems approach and Almeria Ministerial declaration. Protocol on the Integrated Coastal Zone Management	Estimate the economic value of services rendered by marine ecosystems	Contribute to estimating the total economic value of the environmental services provided by the Mediterranean marine ecosystem.	BP, SPA/RAC	1 regional study	Ifremer FEMISE TEEB Working Group			50			
		Estimate the economic value of conservation activities	BP, SPA/RAC	Case studies	Ifremer FEMISE WWF MedPo			30			30

II. 7 Information Communication Technologies (INFO/RAC

To be inserted once submitted by INFO/RAC

