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MEDITERRANEAN ACTION PLAN



PRIORITY ACTIONS PROGRAMME

Joint Meeting of the National Focal Points
of BP/RAC, ERS/RAC and PAP/RAC
Cavtat, May 19-22, 2003

Progress Report for the Period
2002 - 2003
and
Proposal of Recommendations and
Programme for the Period
2004 - 2005

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1. INTRODUCTION

The re-enactment of the PAP National Focal Points meetings that took place in Cefalu in June 2001 (held jointly with BP and ERS), is proving to be a full success. First, the Focal Points were informed of and asked to shape the programme of PAP/RAC, which helped enormously that the programme was later adopted with ease by the MAP Focal Points and the Contracting Parties in Monaco in November 2001. Secondly, the meeting in Cefalu was an opportunity to propose innovative elements in the PAP programme. After approval, these have proven to be of crucial importance in bringing PAP activities to a higher level by taking the advantage of the recent technological achievements, as well as closer to the needs of the Mediterranean countries. Thirdly, the meeting in Cefalu was an opportunity to confirm the importance of the Integrated Coastal Area Management (ICAM) as an indispensable tool for managing the coastal areas in the efforts towards achieving sustainable development. And finally, the support that was given to the Coastal Area Management Programme (CAMP) of MAP, that PAP/RAC is managing, was crucial in bringing this initiative to the level that, practically, all Mediterranean countries would now like to emulate.

PAP/RAC still remains fully committed to the sustainable management of coastal areas. The state of the Mediterranean coastal areas, in spite of great efforts of all stakeholders, still requires support and assistance from the Mediterranean Action Plan, and the Priority Actions Programme in particular. Following the conclusions of the CP meeting in Monaco, new activities were undertaken. The most important one is the preparation of the Feasibility Study for the Mediterranean Protocol on Integrated Coastal Management. A respectful group of experts has been assembled, including both jurists and technical experts. The study is nearly completed and will be presented to the MAP Focal Points Meeting and CP Meeting in Catania. The study will show several alternatives including the impacts of each option in the coastal areas of the region. Furthermore, PAP/RAC has started the preparation of the MAP strategy on Integrated Coastal Management including CAMPs. It will be a far-reaching document that will chart the course of MAP and PAP actions in the years to come. Hopefully, the countries will follow the same route. And finally, PAP/RAC has made a significant breakthrough in improving the transparency of its activities and in distribution of its result. It is worth noting here that PAP/RAC has opened, with the support of EU, a Clearing House for the Integrated Coastal Area Management in the Mediterranean. This mechanism will allow all interested parties to find out what is going on in this field.

PAP/RAC was active in other fields of its activity. It has continued giving support to the MCSD, particularly in implementing the decisions of the Contracting Parties on ICAM and Urban Management. It has made a significant contribution in other fields as well, in particular soil erosion in coastal areas, carrying capacity assessment for tourism, and water resources management. In all these fields, the results were praised by many, but also widely disseminated. PAP results are being increasingly used by others as reference tools. Finally, PAP/RAC has been very active in implementing the Strategic Action Programme, in the field of application of economic instruments.

It is expected that this meeting will provide another push in PAP endeavours towards more efficient environmental management and sustainable development of coastal areas in the Mediterranean Region. In doing this, PAP/RAC is very much committed to finding partners within the national and local authorities of the Contracting Parties, the international organisations, and international and national scientific institutions. Only the joint efforts of all stakeholders, where PAP/RAC will try to play one of the leading roles, will make the Mediterranean governance a reality.

2. PAP/RAC PROGRESS REPORT FOR 2002-2003

This chapter presents a summary of PAP/RAC activities in the period 2002-2003. It is structured according to the PAP/RAC work-plan given in its 2002-2003 Project document, which was adopted by the Twelfth Meeting of the Contracting Parties to the Barcelona Convention (Monaco, 14-17 November 2001).

2.1. SUSTAINABLE MANAGEMENT OF COASTAL ZONES

In the period 2002-2003, PAP/RAC implemented two groups of activities related to sustainable management of coastal zones:

- MAP Coastal Area Management Programme (CAMP), and
- Integrated Coastal Area Management (ICAM).

2.1.1. MAP COASTAL AREA MANAGEMENT PROGRAMME (CAMP)

Objectives of the activity set by the Contracting Parties

1. To invite the authorities in Algeria, Lebanon, and Malta to support the implementation of CAMP projects in their countries. Also to invite Morocco and Slovenia to commence preliminary activities with a view to signing the agreement for the projects in their countries. CAMP projects should continue to focus on a smaller number of activities that can be fully implemented, with strong integration of sectoral policies. National teams for the implementation of CAMP projects should consist of highly qualified experts with experience in ICAM and international experts should continue to be of the highest calibre.
2. To call on the authorities in countries where CAMP projects have been completed to commit themselves to the follow-up activities by securing the necessary financial and human resources involving all stakeholders.
3. To invite countries where there have not yet been any CAMP projects to propose new projects and to prepare the respective feasibility studies.

1.1.1. MAP CAMPs in general

Activities carried out by PAP/RAC

- In order to exchange experience in implementation of coastal projects in the Mediterranean and to improve the implementation of these projects, PAP/RAC together with METAP organised the Workshop on improving the implementation of CAMPs. It was held in Malta, on 17 – 19 January 2002, with 66 participants from 19 countries. The workshop outlined recommendations aimed at improving the preparation, implementation and follow-up of the coastal projects in the Mediterranean, in particular MAP CAMP projects.

Major PAP publications produced in the biennium

- *Coastal Area Management Programmes: Improving the Implementation*, (Reviewed by Trumbic, Prem, Alm; 2002; E / F)¹

1.1.2. MAP CAMP "Algerian Coastal Zone"

Preliminary activities of the CAMP "Algerian Coastal Zone" started in 1999, and the CAMP Agreement was signed in October 2001. Geographical area covered by the CAMP includes the area of Bou Ismail Bay, Alger Bay and Zemmouri Bay. At national level, Ministry of Environment and Physical Planning (MATE) was entrusted with the co-ordination and implementation of the CAMP, assisted by an interministerial committee composed of representatives of all the relevant ministries and created specifically to facilitate and supervise the CAMP activities. A national co-ordinator of the CAMP was also appointed, as a full-time PAP/RAC consultant with the task of harmonising all CAMP activities. Beside the human and financial resources allocated by PAP/RAC, MATE contracted two big national institutions, National Agency for Physical Planning (ANAT) and National Centre for Research in Town Planning (CNERU), for the implementation of CAMP.

Activities carried out by PAP/RAC

- A briefing meeting of consultants involved in CAMP "Algerian Coastal Zone" was held in Marseilles, on 28-29 January 2002 (9 participants), to present to the consultants the objectives and contents of the CAMP and explain in detail the procedure of implementation of MAP CAMPs.
- Following this briefing meeting, consultants carried out working missions to define with their national counterparts workplan of their activities. Each mission ended with the preparation of a mission report and "Technical specifications" for the implementation of activities.
- The first among these missions was the one related to the activity "Control of urbanisation and artificialisation of soils" (23-28 February 2002).
- The two following missions were those in the frame of the activities "Integrated management of water resources" and "Combating pollution caused by solid and liquid waste ", which took place on 23 –28 March 2002.
- The last one, held on 13 –18 April 2002, was related to the activity "Integrated management of coastal zones".
- On the basis of the first version of the "Technical Specifications" prepared for the CAMP activities, the National Project Leader drafted the Inception Report of the CAMP Algeria, discussed and amended during his mission to PAP/RAC (Split, 7-11 July 2002). Beside the Inception Report, during this mission various organisational and technical questions were discussed and solved, related to the venue of the Inception Workshop and the implementation of CAMP. A representative of the BP/RAC took this opportunity to discuss with the National Project Leader the "Technical Specifications" of the BP/RAC activities.
- Inception workshop of CAMP "Algerian Coastal Zone" was held in Alger, Sidi-Fredj, on 15-16 September 2002, with 52 participants, including the Minister of Environment. The participants discussed and amended the Inception Report, "Technical Specifications" and workplan of the CAMP activities, and formulated a series of recommendations for their implementation.
- The full-scale implementation of the CAMP Algeria activities started in the beginning of 2003, following the signature of contracts with National Team Leaders and the creation of working teams within CNERU. In conformity with the contract signed between MATE

¹ Letters A, C, E, F denote a document published in Arabic, Croatian, English, and/or French, respectively. If a document was published in more than one language, a language in which document is originally prepared is listed first.

and CNERU, members of the national teams were chosen and engaged in co-operation with National Project Leader and National Team Leaders.

- Beside the activities within the CAMP, national experts and members of the Interministerial Committee were given the opportunity to benefit from some additional training activities carried out by PAP/RAC (tourism, economic instruments) or co-organised with other international agencies (joint PAP/METAP training on ICAM).

Expected results by the end of 2003

- Publishing, by MATE, of a brochure on CAMP and coastal management plans at national and local level (May 2003);
- Training workshop on participatory techniques for MATE team ("training of trainers") and for all other stakeholders in CAMP Algeria ("information") (June 2003);
- PAP consultants' missions to assist the national teams in carrying out the "diagnostic" part of their activities (May 2003);
- Activity "Control of urbanisation and artificialisation of soils": Study on urbanisation (draft and final versions); GIS of coastal communities; presentation seminar for wilayas concerned;
- Activity "Combating pollution caused by solid and liquid waste": Phase I documents – Diagnostic analysis; First programme of interventions ("micro-actions"); presentation seminar for wilayas concerned;
- Activity "Integrated management of water resources": Initial report on the activity; Report of the diagnostic analyses, including forms to fill in by municipalities; First programme of interventions ("micro-actions"); Elaboration of trends and sustainable development scenario for the purposes of Regional Master Plans;
- Activity "Integrated management of coastal zones": Initial report of the activity; Report of the diagnostic analyses; First programme of interventions ("micro-actions").

Major PAP publications produced in the biennium

- Compte-rendu de la Réunion de briefing des consultants impliqués dans le PAC "Zone côtière algéroise" (PAP/CAR; février 2002; F)
- PAC Algérie Maîtrise de l'urbanisation et de l'artificialisation des sols - Rapport de mission (Flouriot; février 2002; F)
- PAC Algérie: Gestion intégrée des ressources en eau - Rapport de mission (Benblidia; mars 2002; F)
- PAC Algérie: Lutte contre la pollution liée à l'assainissement et aux déchets solides - Rapport de mission (Kersauze; mars 2002; F)
- PAC Algérie: Gestion intégrée de la zone côtière - Rapport de mission (Denis; avril 2002; F)
- PAC Algérie: Maîtrise de l'urbanisation et de l'artificialisation des sols – Spécifications techniques (Flouriot; octobre 2002; F)
- PAC Algérie: Lutte contre la pollution liée à l'assainissement et aux déchets solides – Spécifications techniques (Kersauze; octobre 2002; F)
- PAC Algérie: Gestion intégrée des ressources en eau – Spécifications techniques (Benblidia; octobre 2002; F)
- PAC Algérie: Gestion intégrée de la zone côtière – Spécifications techniques (Denis & Sefiane; octobre 2002; F)
- PAC Algérie: Coordination et intégration des activités du projet - Description de l'activité (PAP/CAR; octobre 2002; F)
- Formation et participation - Description de l'activité (PAP/CAR; octobre 2002; F)
- Stratégie de financement - Description de l'activité (PAP/CAR; octobre 2002; F)
- Programme d'Aménagement Côtier (PAC) "Zone Côtière Algéroise" – Rapport de lancement (Graba; octobre 2002; F)
- Rapport de l'Atelier de lancement du PAC "Zone côtière algéroise" (PAP/CAR; octobre 2002; F)

1.1.3. MAP CAMP "Cyprus"

Implementation of CAMP Cyprus commenced with the visit to Cyprus of the Director of PAP/RAC, in September 2001. In November 2001, at the 12th Ordinary Meeting of the Contracting Parties to the Barcelona Convention, the decision was made to proceed with CAMP Cyprus, following the application of the Government of Cyprus.

Activities carried out by PAP/RAC

- Feasibility study for the CAMP Cyprus was prepared in October 2002
- Meeting was organised on 11 November 2002 with national authorities to discuss area to be covered by CAMP, activities to be implemented within CAMP, and other terms of the CAMP implementation
- Technical specifications for CAMP activities are being prepared, to be included in the Agreement and ToR

Expected results by the end of 2003

- Finalisation of the CAMP Agreement and relevant ToR – June 2003
- Signing the Agreement for CAMP Cyprus – September 2003
- Inception workshop – September 2003

Major PAP publications produced in the biennium

- CAMP Cyprus Diagnostic -Feasibility Study (Constantinides; June 2002; E)

1.1.4. MAP CAMP "Lebanon"

MAP CAMP "Lebanon" is an on-going CAMP project. Preliminary activities for the CAMP started in 1999, and the CAMP Agreement was signed in April 2001. The CAMP covers the coastal area located to the South of Beirut and the three municipalities of Damour, Sarafand and Naqoura, as the operational level. The CAMP co-ordinating and supervising role was entrusted to the Ministry of Environment of Lebanon. Several national institutions participated in the formulation, preparation and implementation of the project, such as the Ministry of Environment, Lebanese Environment Development Observatory, etc. National co-ordinator of the CAMP Lebanon was appointed as a full-time PAP/RAC consultant with the task of harmonising all CAMP activities and co-ordinating work of all national institutions participating in the CAMP.

Activities carried out by PAP/RAC

- Inception Report for the CAMP Lebanon was prepared, aiming at securing integration and providing detailed instructions for the implementation of the project. It was discussed and amended at the Inception workshop of the CAMP Lebanon (Lebanon, 28-29 May 2002, 52 participants).
- Within "ICAM National Strategy Building" activity, the ICAM team of consultants gathered and discussed methodological issues in relation to the drafting of a proposal for a National ICAM Strategy for Lebanon. Priority issues on ICAM at national level were identified and means proposed for overcoming an obstacle of incomplete local data and analysis.
- Preparatory report on Urban Planning and Sustainable Development laid down a conceptual framework for data collection at CAMP area level and at the three municipalities level, and gave a relevant description of the urban management situation.

- Study on the use of economic instruments for environmental protection within the CAMP Lebanon area was prepared, with examples of EI implementation in Damour, Sarafand and Naqoura municipalities.
- Technical specifications were prepared for Cultural Heritage activity workplan, with the aim of undertaking preliminary heritage inventory of the area and drafting a management plan for the conservation and development of coastal area heritage on the short, medium and long term basis.
- Assessment of water resources in the CAMP area was made, with a description of water resources quality and quantity, existing water supply infrastructure, results of the water sampling and analysis, and preliminary estimation of water demand in the pilot areas. Also, Final Report of the survey along the Damour River was prepared (bilingual issue, in Arabic and English), identifying sources of pollution and presenting some environmental indicators related to Damour River water quality.
- "Participatory Programme" activity was launched by conducting Participatory Rapid Appraisal in Damour, Sarafand and Naqoura. Three exploratory trips were also conducted to the above mentioned municipalities, with a group of 40 diverse members of the local community participating in each. Furthermore, Local Agenda 21 mechanism was introduced in each of the three municipalities by means of interactive sessions and in the strategic planning workshop attended by 32 community and municipal council members.
- Activity on "Sustainable Development of Agriculture, Fisheries and Forestry" started with the preparation of Diagnostic analysis of the environmental, agricultural and fishery sector in the CAMP area. The report analyses the current state of the environment, agriculture and fishery sector in the area and provides indicators that may be adapted as a benchmark for tracking any progress or lack-of towards sustainable development in the CAMP area.
- Training Course on Carrying Capacity Assessment (CCA) for Development in Mediterranean Coastal Areas (Beirut, Lebanon, February 7-8, 2003) presented Lebanese participants with theoretical aspects of CCA and completed and on-going CCA studies conducted by PAP/RAC.

Expected results by the end of 2003

- Final version of "Diagnostic analysis of the environmental, agricultural and fishery sector in CAMP Lebanon area"
- Inventory of the heritage resources in the CAMP Lebanon area; Management plan for identified heritage resources in Damour, Sarafand and Naqoura; Guidebook for good practice in management of heritage resources in Damour, Sarafand and Naqoura; and Proposals for thematic tourist circuits integrating the heritage sites of the CAMP Lebanon into a cultural heritage and ecotourism master plan
- Proposal of integrated coastal area management plans for CAMP Lebanon area, with related maps and GIS database
- Proposal of environmental guidelines to be adopted by the DGUP and the Ministry of Transport
- Guidelines for an Urban Project integrating environmental aspects and practical measures, to be adopted by local authorities
- "Integrated Water Resources Management in CAMP Lebanon Area with Demonstrations in Damour, Sarafand and Naqoura Municipalities"
- "Southern Coastal Area of Lebanon: Impact of the CAMP team recommendations on integration and sustainability in the economic development"
- Webpage on participatory activities within CAMP Lebanon
- Awareness campaign at the national level on CAMP Lebanon
- Training workshops on conflict resolution within CAMP Lebanon
- Final report of the "Tourism and Sustainable Development within the CAMP Lebanon project" activity; Ecotourism development plan for Damour, Sarafand and Naqoura; and Marketing scheme for the sustainable tourism products within the CAMP Lebanon area
- Legal texts for the declaration of Damour River Basin and Naqoura Bays as areas of special importance at national and Mediterranean levels
- Final presentation conference of the CAMP Lebanon – December 2003

Major PAP publications produced in the biennium

- Inception Report (Mehdi; July 2002; E)
- Report of the CAMP Lebanon inception workshop (PAP/RAC; September 2002; E)
- MAP CAMP Lebanon, ICAM National Strategy Building activity – Mission report (MacClenahan; February 2003; E)
- CAMP "Lebanon" - Urban planning and sustainable development: Preparatory phase report (Bakhos; October 2002; E)
- Gestion Urbaine et Développement Durable: Rapport de la phase d'analyse (Echelle CAMP) (Bakhos; février 2003; F)
- Cultural Heritage (El Masri; April 2003; E)
- Problématiques et solutions pour l'utilisation d'instruments économiques de gestion intégrée (Abdallah; 2002; F)
- Bi-Monthly Reports of the CAMP "Lebanon" Participatory Programme (MADA Beirut; November 2002 and February 2003; E)
- Local Agenda 21 for CAMP Lebanon (December 2002; A)
- Brochure "Coastal Area Management Programme for Lebanon" (2002; A / E / F)
- Integrated water resources management in CAMP with demonstrations in Damour, Sarafand and Naqoura Municipalities – First progress report: Assessment of water resources (ARD; October 2002; E)
- Diagnostic analysis of environment, agriculture and fishery sector in CAMP area, (MORES; October 2002; E)
- Final Report of the survey along the Damour River (Envirotech; May 2002; E)

1.1.5. MAP CAMP "Malta"

The CAMP "Malta" Agreement was signed in October 1999, implementation of the activities started in early 2000, and the project was terminated in December 2002. The CAMP area covered the island of Malta, with particular focus on its Northwest area. The Environment Protection Department (EPD) of the Ministry for the Environment of Malta had the co-ordinating and supervising role. Specific units within the EPD (the Planning Authority), the Institute for Water Technology of the Water Service Corporation, the Department of Agriculture, WHO within the Department of Health Planning and Policy, and several NGOs were actively involved in the implementation of individual project activities.

Activities carried out by PAP/RAC

- Within the "Erosion / Desertification Control Management" activity, the problem of soil loss and land degradation in NW Malta was addressed. Main activity outputs include a set of thematic maps (e.g. soil erosion risk map for the NW Malta), baseline data (e.g. sediment traps) and a set of sustainability indicators for soil erosion / land degradation. Priority areas for mitigation were identified and thus specific recommendations for prevention, curative and protective mitigation measures were drawn up.
- In order to contribute to reducing in the long run the dependency of Malta on expensive desalinated water, the activity "Integrated Water Resources Management" was carried out. Hydro-climatological parameters were analysed to that effect, and thorough geological and morphological studies of the main catchment area were carried out. An inventory of the water resources present in the NW Malta was formulated. The great number of boreholes and the improper practice of water extraction were identified as major problems for a sustainable management and rational use of water resources.
- "Sustainable Coastal Management" activity ran in parallel with the Structure Plan Review prepared by the Planning Authority, now MEPA, and drew upon the methodology used for the formulation of the Coastal Strategy Topic Paper. The main benefits achieved through the implementation of this activity were as follows: (a) capacity building – within the lead agency and other government bodies; (b) introducing new elements

within the planning system; (c) increased awareness within institutions and stakeholders on coastal issues; and (d) introducing inter-departmental communication.

- The main objective of "Data Management" activity was to ensure cost-effective implementation of the project by providing comprehensive data management. All CAMP Malta activities' requirements and outputs, produced by all participating MAP Centres, were gauged in order to assess the level of spatial awareness across the various project groups. All activity output data were converted to a standard data format and a metadata dictionary of the project data was compiled. Integrated Project Database was made available on a distributable final project CD.
- Meeting was organised to review draft Final Integrated Project Document of the CAMP Malta (Split, 2-4 September 2002, 10 participants), with the view of preparing the Final Presentation Conference (Malta, November 28-29, 2002).
- The Final Presentation Conference summarised the project results, discussed the proposals for the project follow-up activities, and formulated relevant recommendations of potential interest for future CAMP projects. It has been agreed with Maltese authorities that regular half-yearly reporting will succeed termination of CAMP Malta project. Financial sustainability of CAMPs is being enhanced by introducing a component on sustainable post-project CAMP financing.

Major PAP publications produced in the biennium

- Strategic Management Plan of North West Coast of Malta (Borg et al.; 2002; E)
- Integrated Coastal Area Management Projects: Beyond Interventions (Coccossis; January 2002; E)
- Increasing the Effectiveness of Coastal Zone Management (CZM) Projects: Optimal conditions vs. Practical realities (Shipman; 2002; E)
- Improving the design of projects, planning and programming of interventions for Integrated Coastal Zone Management (Koutrakis; 2002; E)
- Comments and recommendations on a draft Strategic Management Plan for the North-West Coast of Malta (Pavasovic, Berlengi; 2002; E)
- Integrated Water Management of the North-Western Region of Malta – Part I (Institute for Water Technology, Malta; 2002; E)
- Integrated Water Management of the North-Western Region of Malta – Part II (Institute for Water Technology, Malta; 2002; E)
- Integrated Water Management of the North-Western Region of Malta – Executive Summary (Institute for Water Technology, Malta; 2002; E)
- Integrated Water Resources Management Plan for the North-West area of Malta: Comments and proposals for amendments to the Final Activity Document (Margeta, 2002; E)
- Protection of Soil and Rural Landscape in NW Malta (Tanti, Borg, Calleja, Role; January 2002; E)
- MAP CAMP "Malta" Project – presentation of Data Management activity (Agius; 2002; E)
- MAP CAMP "Malta" Project – Data base (CD) (Planning Authority of Malta; 2002; E)
- Funding options for Integrated Coastal Area Management in Northwest Malta (Shipman; December 2002; E)
- The MAP CAMP "Malta" project – Actions to be implemented after the completion of the project (Pavasovic; December 2002; E)
- Mission Report related to discussions on the draft outline of Final Integrated Project Document for CAMP Malta (Shipman; April 2002; E)
- MAP CAMP "Malta" Project: Notes of the Meeting to Review draft Final Integrated Project Document (PAP/RAC; September 2002; E)
- Final Presentation Conference Report (Malta, November 28-29, 2002) (PAP/RAC; December 2002; E)

1.1.6. MAP CAMP "Morocco"

The Contracting Parties at their 12th Ordinary meeting (Monaco, November 2001) invited Morocco to launch preparatory activities towards signing the CAMP "Morocco" agreement.

Previously, an on-site report had been prepared on a possible CAMP geographical coverage and its activities, but changed conditions brought forward the need to prepare a new feasibility study.

Activities carried out by PAP/RAC

- Terms of reference were prepared and a consultant engaged for the preparation of the Feasibility study for the CAMP Morocco. The study will inspect the existing strategic, policy and institutional context encompassing the CAMP area, define the area for CAMP, and define the possible activities from the point of view of the national and local interests.

Expected results by the end of 2003

- CAMP Morocco Feasibility Study will be finished by September 2003

1.1.7. MAP CAMP "Slovenia"

Slovenia was invited at the 12th Ordinary meeting of the Contracting Parties to launch preparatory activities towards signing the CAMP agreement. Ministry for Environment, Spatial Planning and Energy was appointed as a national co-ordinator of the CAMP activities. The area proposed for CAMP implementation includes South Primorska region and Ilirska Bistrica municipality, thus encompassing the Soca river basin.

Activities carried out by PAP/RAC

- Several meetings with Slovenian national authorities were held with regard to launching the CAMP Slovenia. In April 2002 Slovenian NFP for PAP visited PAP/RAC and the finalisation of CAMP Slovenia feasibility study was discussed. PAP/RAC held further consultations on CAMP Slovenia implementation, with relevant institutions in Slovenian coastal region on 7 January 2003 and with the Assistant Minister of Environment on 8 January 2003. Negotiations are under way on the contents of the CAMP Slovenia workprogramme and on the proposed CAMP Slovenia area.
- CAMP Slovenia Feasibility Study was prepared, proposing the activities within the CAMP which will have to meet specific needs on the national, regional, and local levels, stressing the co-operation between the partners on different levels of sustainable development. This study also gives the most important arguments in favour of the CAMP Slovenia.
- Technical specifications for CAMP activities and CAMP Agreement are being prepared

Major PAP publications produced in the biennium

- CAMP Slovenia Feasibility Study (Mezek; 2002; E)

Expected results by the end of 2003

- Draft CAMP Agreement and ToR for CAMP's activities, by the end of June 2003
- Signing the CAMP Agreement in September 2003
- Inception workshop in October 2003

1.1.8. MAP CAMP "Mar Menor" (Spain)

The Bureau of the Contracting Parties to the Barcelona Convention, at their meeting in Monaco (October 2002), approved the decision to carry out a feasibility study for a CAMP project for Mar Menor (Murcia region, Spain).

Activities carried out by PAP/RAC

- The Technical Meeting was organised (Murcia, 14-15 July 2002) with the purpose to discuss the environmental and socio-economic situation of this coastal area and its relevance for CAMP project, procedures for application, the structure of the project, its formulation and implementation, the possible role of MAP components and other practical issues.
- A team composed of one external expert and 9 local administration experts was assembled with the task to inspect the existing strategic, policy and institutional context encompassing the area, define the area for CAMP, define the possible activities from the point of view of the national and local interests, and assess the possibilities for the implementation of the CAMP and a long-term sustainability of the project.

Expected results by the end of 2003

- CAMP Mar Menor Feasibility Study will be finalised in October 2003

2.1.2. INTEGRATED COASTAL AREA MANAGEMENT (ICAM)

Objectives of the activity set by the Contracting Parties

1. To urge the relevant authorities to reinforce the implementation of MCSD recommendations on sustainable management of coastal regions, taking into consideration the results of the questionnaires sent by MEDU to major stakeholders.
2. To support and assist Contracting Parties' national and local institutions in using the methodologies, tools and instruments for the implementation of ICAM, developed by PAP/RAC.
3. To support subregional initiatives on sustainable management of coastal areas, such as the Adriatic Ionian Initiative, Ramoge, and others. Also to call on countries to prepare and/or update their national strategies for coastal management, taking into account the guidelines for ICAM prepared by PAP/RAC.
4. To adopt and/or improve national legislation for sustainable coastal management, taking into account work done by PAP/RAC and other international organisations. Also to call on Contracting Parties to prepare a feasibility study for the regional protocol on sustainable coastal management.

Activities carried out by PAP/RAC

- PAP/RAC prepared the brochure "Towards Sustainable Development in the Mediterranean Region: For a Sound Coastal Zone Management" and an accompanying booklet. The brochure and the booklet were primarily intended for the dissemination at the World Summit on Sustainable Development held in Johannesburg in September 2002. The brochure describes general changes in ICAM after Rio conference and prospects MAP is faced with in future efforts towards sustainable coastal zone management in the Mediterranean. Contracting Parties' national strategies, plans and programmes relating to ICAM and MAP's concerns, achievements and future actions in safeguarding the qualities of coastal areas were also summarised in the brochure.
- Contracting Parties' national and local institutions capacity-building was assisted in several ways. First, a training course on Integrated Coastal Area Management (Split, 25-29 November 2002) was co-organised with METAP and environmental ministries of Bosnia and Herzegovina, Croatia and Slovenia. Similar training courses on ICAM were organised in Algeria (Algiers, 2-6 November 2002) and Albania (Tirana, 2-6 December 2002).
- PAP/RAC established a Mediterranean network of ICAM practitioners, decision makers, researchers, and other parties involved in coastal issues (Mediterranean ICAM Clearing House). The project, co-financed by EU, is aiming at providing a forum for exchange of information and practices of ICAM in the Mediterranean. Website (<http://www.pap-medclearinghouse.org/>) of the Mediterranean ICAM Clearing house project became operational in December 2002. Also, Meeting on the Mediterranean ICAM Clearing House was held in May 2002, discussing the experience with the first on-line

- questionnaire in the Mediterranean and defining a follow-up of the ICAM Clearinghouse project.
- PAP/RAC is setting up an Internet-based training courses on ICAM (MedOpen), in co-operation with several European institutions involved in ICAM. First meeting on MedOpen took place in Split (26-27 July 2002) with objectives to identify the structure of the training course, to identify experts to be involved in the project and to define a Workplan, outputs and responsibilities. Six participants from four institutions involved in the project attended the meeting.
 - Turkey and Malta were assisted in preparing their national reports on integrated coastal management. The national reports will be comprehensive documents, consisted of two substantial parts: opportunities and challenges in coastal areas, and policy responses and practices. The reports will be accompanied with several examples of concrete coastal projects and a brief sketch of future for ICAM in the two countries. Tunisian authorities were approached to prepare similar report in their country.
 - PAP/RAC was very active in the implementation of the activities within the Adriatic-Ionian Initiative. It participated in the meetings of Round Table on Environmental Protection and Sustainable Development, held in Bari in October 2002 and Rome in April 2003. PAP/RAC organised a meeting of experts in Zagreb on 7 April 2003 to discuss and prepare the Terms of Reference for the Adriatic River Basin Management Plan, the basis of which was PAP/RAC ICARM approach.
 - Regional PAP/RAC guidelines for ICAM are being updated. The main objective of the revision is to build upon the experience that MAP and PAP/RAC have gained in the last 15 years, particularly through the implementation of CAMP projects; to introduce the methodological improvements in ICAM that have occurred since then; and to reflect the recommendations adopted by the MCS, MAP and WSSD. First expert meeting for ICAM Guidelines revision was held in Nicosia, 8-9 November 2002, to discuss the need for the new guidelines, to establish linkages between existing and new guidelines, to define the tentative contents of the guidelines and to discuss the logistical arrangements related to the preparation of the document. Second expert meeting for ICAM Guidelines revision is planned for 5-6 May 2003 in Athens.
 - Overview of national legislation for sustainable coastal management in the Mediterranean has been undertaken, as well as outline of guidelines for national legislation on ICAM. A draft feasibility study for the regional protocol on sustainable coastal management is being prepared. The feasibility study outlines, among other, possible types of legal instruments and options for protocol ("No protocol" option, "Framework/minimum standards/minimal scale protocol" option, and "Full-scale/Detailed protocol" option) with the proposal of the optimal option. First expert meeting on the Feasibility Study for the Protocol on Integrated Coastal Area Management was organised (Athens, 9-10 September 2002) to discuss the objectives of the Protocol and discuss obstacles in its preparation and implementation. Second meeting, reviewing the program was held on 12-13 February 2003 in Athens, while the third, final meeting will be held on 26-27 May 2003 in Split.
 - Expert meeting on coastal erosion (January 2002) was organised with several objectives: to find the ways of how to introduce coastal erosion into ICAM; identify the problems and issues relevant to coastal erosion; decide what would be the best way for PAP to provide the assistance. Also, co-operation started with ICOD, Malta, on the topic of beach nourishment in the Mediterranean. PAP/RAC Director became a member of the Steering Committee of the EU-financed EUROSION project, being responsible for the dissemination of the project's results in the Mediterranean region.
 - Development of Integrated Coastal Area and River Basin Management (ICARM) concept was furthered, approaching international financial institutions with the proposal for exercising the validity of the concept on the Cetina river basin (Croatia).
 - PAP/RAC has been increasingly requested to participate in a number of regional projects. Since this participation does not require, in principle, any PAP/RAC financial contribution, while it is largely adding to further dissemination of PAP/RAC outputs and results in the region, the positive attitude towards these initiatives was taken. In this biennium, PAP/RAC became a partner to NATURE-GIS (managed by GISIG, Italy) and MIRIAD 21 (managed by ECOMAIRE, France) projects.

- PAP/RAC is increasingly getting requests to provide internship for the Mediterranean students in PAP related subjects. Several students already had their internships with PAP/RAC, while several others will as well, before the end of this year.
- PAP/RAC is co-organising with MEDU and CP/RAC the Workshop for Mediterranean Communication Professionals on Environment and Development in the Region, in Barcelona on 7-10 May 2003. Integrated Coastal Area Management and coastal issues will be one of the major themes of the workshop.
- The achievements of PAP/RAC in ICAM have been presented at international gatherings on a number of occasions. PAP/RAC was specifically invited to present ICARM approach at the Water Week of the World Bank in March 2003. The same occasion was utilised to present the issue of incorporation of ICAM in regional development planning, during the World Bank's annual meeting of Environmentally and Socially Sustainable Development Department. In addition, PAP/RAC has been invited by EC, Council of Europe, a number of national and local authorities, scientific institutions, NGOs and professional associations to present its experiences in ICAM.

Expected results by the end of 2003

- Turkish national report on integrated coastal management
- Maltese national report on integrated coastal management
- Tunisian national report on integrated coastal management
- Feasibility study for the MAP Protocol on Integrated Coastal Area Management
- Guidelines for integrated coastal area management in the Mediterranean, revised version
- Regional workshop to discuss and adopt the programme of action to fight coastal erosion in the Mediterranean coastal areas
- Workshop for Mediterranean Communication Professionals on Environment and Development in the Region (7-10 May, Barcelona)

Major PAP publications produced in the biennium

- Good Practices Guidelines for Integrated Coastal Area Management in the Mediterranean (Coccosis, Mexa, Collovini; 2002; A)
- Report of the Expert meeting on coastal erosion, Split, January 10-11, 2002 (PAP/RAC; March 2002; E)
- Coastal Erosion Management In the Mediterranean: An Overview (Ozhan; May 2002; E)
- Report of the Meeting on the Mediterranean ICAM Clearing House (PAP/RAC; May 2002; E)
- Report of the First Meeting on MedOpen - Virtual Training Course on ICAM in the Mediterranean (PAP/RAC; August 2002; E)
- Report of the meeting on ICAM protocol, Athens, 9-10 September 2002 (PAP/RAC; October 2002; E)
- Towards Sustainable Development in the Mediterranean Region: For a Sound Coastal Zone Management - brochure (PAP/RAC; October 2002; E / F)
- Towards Sustainable Development in the Mediterranean Region: For a Sound Coastal Zone Management - leaflet (PAP/RAC; October 2002; E / F)
- Report on the Expert Meeting for ICAM Guidelines revision (PAP/RAC; November 2002; E)
- Draft feasibility study for the regional protocol on sustainable coastal management (Coccosis, Prieur, Scovazzi, Sersic; 2003; E)
- Report of the meeting on ICAM protocol, Athens, 12-13 February 2002 (PAP/RAC; March 2002; E)
- Report of the Adriatic-Ionian Initiative meeting on River Basin Management Plans, Zagreb, 7 April 2003 (PAP/RAC; May 2003; E)
- Website (<http://www.pap-medclearinghouse.org/>) of the Mediterranean ICAM Clearing house project, co-funded by EU, has been established in December 2002.

2.2. INTEGRATING ENVIRONMENT AND DEVELOPMENT

In the period 2002-2003, PAP/RAC implemented three groups of activities related to "Integrating Environment and Development" part of its workplan:

- Tourism and Sustainable Development (support activities to MCSD),
- Urban Management and Sustainable Development (support activities to MCSD), and
- Rural Development, Natural Areas and Resources.

2.2.1. TOURISM AND SUSTAINABLE DEVELOPMENT

Objectives of the activity set by the Contracting Parties

1. To apply the recommendations adopted by the Contracting Parties following the work of the MCSD.
2. To invite concerned authorities in their countries to continue to implement the MCSD recommendations on tourism and sustainable development.
3. To encourage their national and local authorities, and profit and non-profit organisations to apply, where appropriate, carrying-capacity assessment for tourism activities as a common tool for sustainable development of tourism.

Activities carried out by PAP/RAC

- Guide to Good Practice in Tourism Carrying Capacity Assessment was prepared, building upon PAP/RAC Guidelines for Carrying Capacity Assessment for Tourism in Mediterranean Coastal Areas. The Guide includes past experiences of CCA in CAMP areas, as well as recent experiences when CCA methodology was applied for the Island of Malta and in Rimini Province of Italy. The Guide will be presented at the workshop on tourism CCA in Rimini on 10 May 2003.
- Project on Tourism CCA for the Province of the Rimini, Italy, reached its critical phase. The Province of Rimini and "Ambiente Italia", with supervision from PAP/RAC, prepared various tourism development scenarios, based on a very detailed data analysis and certain framework indicators. The number of proposed scenarios in the Rimini case (six) was bigger than in any other example of CCA based on the PAP methodology. PAP/RAC has analysed all presented scenarios and proposed a combination of the two of them to be presented to decision makers.
- The capacity for CCA analysis of Mediterranean national and local institutions was enhanced, by means of several training courses held within the framework of CAMPs (CAMP Lebanon, CAMP Algeria). Also, Tourism and Sustainable Development activity within the CAMP Lebanon is progressing, contributing to the protection of the environment and rational use of tourism resources, identifying conflicts, opportunities and environmental threats for sound tourism development in the CAMP area. CCA studies for the municipalities of Sarafand, Naquora and Damour are being prepared as well as Regional Recommendations for land use and future development of tourism in CAMP area.

Expected results by the end of 2003

- Co-organisation of the regional meeting of tourism CCA application in the Mediterranean (Rimini, May 2003)

Major PAP publications produced in the biennium

- A Good Practices Guidelines for the Carrying Capacity Assessment for Tourism in Coastal Areas (PAP/RAC; April 2003; E)
- Critical Review of the Activities on Carrying Capacity Assessment of the Province of Rimini (Klaric; 2002; E)
- Rapport du Stage de formation à l'Evaluation de la Capacité d'Accueil pour le développement du tourisme dans les régions côtières méditerranéennes (Algiers, 1-4 February 2003) (PAP/RAC; March 2003; F)
- Stage de formation: Evaluation de la Capacité d'Accueil pour le développement du tourisme dans les régions côtières méditerranéennes – Document général (Satta, Palmisani; 2003; F)
- Report of the Training Course on Carrying Capacity Assessment for Development of Tourism in Mediterranean Coastal Areas (Beirut; February 7-8, 2003; E)

2.2.2. URBAN MANAGEMENT AND SUSTAINABLE DEVELOPMENT

Objectives of the activity set by the Contracting Parties

1. To adopt and implement the recommendations proposed by the MCSD on urban management and sustainable development, and to provide support to urban authorities in their countries in the same endeavour.

Activities carried out by PAP/RAC

- The project "Exchange of Experience and Preparation of the Guidelines for Urban Regeneration in the Mediterranean Region", co-financed by EU, was launched with the objective to explore the practice of urban regeneration by creating a mechanism for exchange of experience among the cities that have started or have the intention to start the process of urban regeneration, and developing a methodological tool for urban regeneration in the form of guidelines, with particular reference to the needs of the southern and eastern Mediterranean cities.
- PAP/RAC is a partner in the EU sponsored project MIRIAD 21, managed by ECOMAIRES, France. The aim of the project is to raise capacity of urban authorities to deal with the industrial risks and potential disasters. PAP/RAC will disseminate the results of the project in the Mediterranean region.

Expected results by the end of 2003

- Introductory paper on urban regeneration in the Mediterranean
- Workshop on urban regeneration in the Mediterranean, July 2003, Split
- Report on urban regeneration in Split, Croatia
- Report on urban regeneration in Alexandria, Egypt
- Report on urban regeneration in Athens, Greece
- Report on urban regeneration in Barcelona, Spain
- Report on urban regeneration in Aleppo, Syria
- Report on urban regeneration in Tunis, Tunisia
- Report on urban regeneration in Istanbul, Turkey
- Synthesis report on urban regeneration in the Mediterranean
- Guidelines for urban regeneration in the Mediterranean region

2.2.3. RURAL DEVELOPMENT, NATURAL AREAS AND RESOURCES

Objectives of the activity set by the Contracting Parties

1. To follow up more effectively on the recommendations adopted on water, to carry out an initial assessment of the efforts undertaken and the difficulties to be overcome, and to contribute to the regional analysis on sustainable agricultural and rural development.
2. To support efforts to introduce better practices for urban water resources management.
3. To continue activities related to erosion / desertification control management as an essential element of sustainable development in the region, and to support the hitherto successful co-operation between FAO and PAP/RAC in the field.
4. To continue activities for Integrated Water Resources Management (IWRM) in collaboration with GWP-MED and other competent bodies.

2.3.1. Water Resources Management

Activities carried out by PAP/RAC

- Guidelines for Integrated Urban Water System Planning in the Mediterranean Coastal Areas are being finalised.
- Partnership started with FEEM Venice, Italy, on the NOSTRUM-DSS Network on Governance, Science and Technology for Sustainable Water Resource management in the Mediterranean. The project's main objective is to bridge the gap between policy makers and researchers with respect to the use of Decision Support System (DSS) tools as instruments, in order to provide policy makers with a set of tools based on an integrated approach for solving different emerging national and transboundary problems in water management.

Expected results by the end of 2003

- Finalisation of the Guidelines for Integrated Urban Water System Planning in the Mediterranean Coastal Areas
- State-of-the-art review of the Balkan Countries along the Mediterranean on relevant water management issues concerning the use of DSS in water resources management
- Regional TC on application of guidelines for sustainable urban water resources management

Major PAP publications produced in the biennium

- Annotated outline and ToR for the Guidelines for Integrated Urban Water System Planning in Mediterranean Coastal Areas (Margeta, Azzopardi; March 2002; E)

2.3.2. Soil Erosion / Desertification Control Management

Activities carried out by PAP/RAC

- Preliminary activities for the Maghreb project have been implemented, although in a smaller scale, due to restricted funding.
- Two training workshops were held, one in Latakia and one in Beirut, on the Project Interactive Participatory Programme within the LIFE co-funded project "Improving Coastal Land Degradation Monitoring in Lebanon and Syria", lead by ERS/RAC.
- Improving Coastal Land Degradation Monitoring in Lebanon and Syria - Training Workshop on Participation and on the Project Interactive Participatory Programme (Beirut, 29-30 October 2002, 26 participants)
- Training course on mapping and control of soil erosion / desertification (Fes, Morocco, 18-22 February 2003)

- The Photolibrary on erosion/desertification, illustrating by photos various types of erosion/desertification phenomena and degrees of their intensity, has been finalised. It will serve as an annex to the Guidelines on consolidated methodology for mapping of erosion/desertification processes.

Major PAP publications produced in the biennium

- Project: Improving Coastal Land Degradation Monitoring in Syria and Lebanon (English; June 2002; E)
- Photo-library on soil erosion processes: Pictorial annex to the Guidelines for mapping of erosion processes / Photothèque des processus d'érosion des sols: Annexe photographique aux Directives pour la cartographie des processus d'érosion (Griesbach; 2002; E / F)
- Report of the Training Workshop on Participation and on the Project Interactive Participatory Programme (Latakia, 26-27 October 2002) (PAP/RAC; November 2002; E)
- Report of the Training Workshop on Participation and on the Project Interactive Participatory Programme (Beirut, 29-30 October 2002) (PAP/RAC; November 2002; E)
- Rapport de l'Atelier de formation à la cartographie des processus d'érosion et de désertification des sols (Fès, 18-21 février 2003) (PAP/CAR; mars 2003; F).

Expected results by the end of 2003

- Completion of the soil erosion and desertification mapping project in the watershed of the Oued Beni Boufrah in Morocco
- Completion of the soil erosion and desertification mapping project in the watershed of the Zemmouri Sahel in Algeria
- Regional training on the methodologies, tools, procedures and technologies of erosion and desertification control and management (Syria, Turkey and Lebanon)

2.3. POLLUTION PREVENTION AND CONTROL

Objectives of the activity set by the Contracting Parties

1. To give priority to the implementation of activities within the GEF-funded Strategic Action Programme (SAP), and in particular those directed towards achieving the long-term sustainability of the project through the implementation of appropriate economic instruments.

Activities carried out by PAP/RAC

- Analysis of use of economic instruments in the Mediterranean was conducted and one basic pilot projects and five additional pilot projects were launched on possible introduction of new and / or adaptation of existing economic instruments.
- Workshop on Launching SAP MED Pilot Projects (Split, March 15-16, 2002).
- Training course on economic instruments (Opatija, October 24-25, 2002), co-organised with the Faculty of Engineering University of Rijeka and Ministry of the Environmental Protection and Physical Planning –Croatia.
- Presentation of the SAP MED pilot project for Bosnia and Herzegovina (Konjic, November 05, 2002), co-organised with the Hydro-engineering Institute – Sarajevo.
- Meeting with relevant authorities on the implementation of the Pilot Project for Kvarner Bay (Zagreb, October 14, 2002), co-organised with Ministry of Maritime Affairs, Transport and Communications of Croatia and Ministry of the Environmental Protection and Physical Planning –Croatia.
- Presentation of the brochure on SAP MED (Zagreb, December 13, 2002), co-organised with Ministry of the Environmental Protection and Physical Planning –Croatia.
- National training course on economic instruments (Tirana, December 16-17, 2002), co-organised with Ministry of Environment – Albania.
- National training course on economic instruments (Sarajevo, December 20, 2002), co-organised with Hydro-engineering Institute – Sarajevo.
- Meeting on Implementation / Evaluation of Pilot Projects, and Proposals for National Action Plans (Split, 28-29 March 2003).

Expected results by the end of 2003

- Completion of the baseline pilot projects and five additional pilot projects on application of economic instruments in the Mediterranean
- Preparation of the policy guidelines on application of economic instruments in the Mediterranean
- Preparation of National Action Plans on Economic Instruments in twelve GEF-eligible Mediterranean countries
- Finalising internet database on economic instruments applied in twelve GEF-eligible Mediterranean countries

Major PAP publications produced in the biennium

- Advantages of using economic instruments (PAP/RAC; April 2002; E / C / Albanian / Bosniac)
- General Pilot Project Implementation Plan (PAP/RAC; March 2002; E / F)
- Report of the Workshop on SAP MED Pilot Projects Launching (PAP/RAC; April 2002; E / F)
- Pilot Project Implementation Plan: Combating the Land-based Pollution in the Coastal Sea of the Town of Hvar (Fredotovic, Taylor; April 2002; E)
- Pilot Project Implementation Plan: Implementation of Economic Instruments for a Sustainable Operation of Wastewater Utilities in the Mediterranean Region of Bosnia & Herzegovina (Alic, Ceric, Dale; April 2002; E)

- Pilot Project Implementation Plan: Egypt Pilot Project – Burullus Lake (Sarhan, Constantinides; April 2002; E)
- Plan General de Mise en œuvre des Projets Pilotes: Réhabilitation et restructuration de la zone industrielle de NADOR (Maktit, Davy; April 2002; F)
- Pilot Project Implementation Plan: Development of Economic Instruments Regarding Collection, Transport, Treatment and Disposal of Used Oil and Oily Waters From Ships in the Adriatic Region / Pilot Project for Kvarner Bay (Prelec, Papafava; May 2002; E)
- Pilot Project Implementation Plan: Albania. Sewage and tourist eco-charges for the protection of the Ionian Coast (Panariti, Momal; May 2002; E)
- Plan Général de Mise en œuvre des Projets Pilotes: Développement des Instruments Economiques au Niveau du Sous Bassin Versant de l'Algérois "Oued El Harrach" (Nateche, Basseras; May 2002; F)
- Report of the Workshop on SAP MED Pilot Projects Launching (PAP/RAC; April 2002; E / F)
- Report of the Training course on application of economic instruments for combating sea pollution from land-based sources (Opatija, October 24-25, 2002) (PAP/RAC; January 2003; E)
- Sustainability of SAP MED: Development of an evaluation framework (Constantinides; March 2003; E/F)
- A guide for application of economic instruments for environmental protection in Mediterranean countries (Davy; March 2003; E/F)
- Guidelines for the preparation of proposals for introduction of economic instruments in 12 GEF-eligible Mediterranean countries (Markandya; September 2002; E / F)
- Diagnostic Analysis of the Pilot Project "Combating the land-based pollution in the coastal sea of the Town of Hvar" (Simunović, Fredotović; October 2002; E)
- Diagnostic Analysis, Pilot project "Implementation of Economic Instruments For a Sustainable Operation of Wastewater Utilities in the Mediterranean Region of Bosnia and Herzegovina", R. Dalić & N. Dale, September 2002, E
- Diagnostic analysis, Pilot project for the Kvarner Bay: "Development of economic instruments related to the collection, transport, treatment and disposal of used oil and oily water from ships in the Adriatic region" (Prelec, Sverko; December 2002; E)
- Analyse Diagnostique, Projet pilote: "Développement des instruments économiques au niveau du sous bassin versant de l'algérois Oued El Harrach (Nateche, Basseras; February 2003; F)
- Report on procedure of and measures for development and implementation of economic instrument(s) for combating the land-based pollution, Pilot project "Implementation of Economic Instruments For a Sustainable Operation of Wastewater Utilities in the Mediterranean Region of Bosnia and Herzegovina" (Dale; March 2003; E)
- Report on procedure of and measures for development and implementation of the tourist eco-charge, Pilot project "Combating the Land-Based Pollution in the Coastal Sea of the Town of Hvar" (Simunovic, Fredotovic; March 2003; E)
- Analyse des outils économiques existants et proposition de nouveaux visant une plus grande acceptabilité sociale, Etude de cas: "Réhabilitation et restructuration de la zone industrielle de Nador (Maroc)", M. Maktit & Th. Davy, January 2003
- Website (<http://www.pap-sapei.org/>) on implementation of the Activity "Sustainability of SAP" of the Project "Development of Economic Instruments for the Sustainable implementation of the Strategic Action Programme to address marine pollution from land-based activities in the Mediterranean (SAP MED)" was established. The website contents is being regularly updated
- Report of the Meeting on Implementation / Evaluation of Pilot Projects, and Proposals for National Action Plans (Split, 28-29 March 2003).

3. PROPOSAL OF RECOMMENDATIONS

3.1. SUSTAINABLE MANAGEMENT OF COASTAL ZONES

3.1.1. RECOMMENDATIONS ADDRESSED TO CONTRACTING PARTIES

1. To urge the relevant authorities to improve the implementation of the MCSD recommendations on sustainable management of coastal areas.
2. To support PAP in preparing and implementing the regional strategy on integrated coastal area management and CAMP.
3. To continue efforts towards adopting and/or improving national legislation for sustainable coastal management, taking into account the work done by PAP/RAC and other international organisations.
4. To adopt the Feasibility Study for Regional Protocol on Coastal Management and support the activities towards its preparation and adoption.
5. To support sub-regional activities on sustainable management of coastal areas, with a view to developing sub-regional strategies, programmes, action plans and projects in related fields.
6. To support and assist the Contracting Parties' national and local authorities and institutions in preparing national and regional strategies and programmes for ICAM, and using the methodologies, tools and instruments for the implementation of ICAM.
7. To invite the authorities in Algeria, Lebanon, Cyprus and Slovenia to support the implementation of CAMP projects in their countries. Also, to invite Morocco and Spain to commence preliminary activities with a view to signing the agreement for the projects in their countries.
8. To call on the authorities in the countries where CAMP projects have been completed to commit themselves to the follow-up activities by securing the necessary financial and human resources for their implementation.
9. To invite countries where there have not yet been any CAMP projects to propose new projects, and to prepare the respective feasibility studies. The countries that have already had CAMP projects are invited to consider new projects in light of the recommendations of the proposed ICAM/CAMP strategy, particularly having in mind new types of CAMP projects.
10. To support the preparation of the regional plan of action to fight the coastal erosion, with special emphasis on beaches.

3.1.2. RECOMMENDATIONS ADDRESSED TO THE SECRETARIAT (PAP/RAC)

1. To prepare, in consultation with regional stakeholders, the regional strategy for integrated coastal area management and CAMP.
2. To support and assist the Contracting Parties in preparing their national and local strategies and programmes for ICAM, as well as assist them in implementing tools, techniques and methodologies for ICAM.
3. To assist the efforts towards the preparation and adoption of the regional protocol on integrated coastal management, *inter alia*, through the assistance in preparation and adoption of national legislation for ICAM.
4. To continue institutional strengthening and capacity building of the Contracting Parties' national and local institutions by means of traditional and internet-based training courses (MedOpen), exchange of information on ICAM through "clearing house" mechanism, maintaining the informative web-site, publishing and disseminating guidelines, thematic papers, programme results and other achievements.
5. To assist Algeria, Albania and Egypt to prepare their national reports on integrated coastal management.

6. To undertake the necessary analyses and prepare a Report on the State of Mediterranean Beaches.
7. To develop the regional plan to fight coastal erosion.
8. To undertake thematic studies, with a view on developing relevant guidelines and action plans, on the issues of coastal landscapes, sustainable financing of ICAM activities, and poverty in Mediterranean coastal areas.
9. To pursue the development and implementation of ICAM tools and instruments, specifically, coastal information systems, rapid coastal environmental assessment, EIA and SEA in coastal environments, economic instruments for coastal management, carrying capacity assessment for tourism, and integrated coastal area and river basin management plans (ICARM).
10. To assist countries of the Mediterranean sub-regions in developing initiatives for ICAM and ICARM.
11. To co-ordinate MAP activities in relation to CAMP projects, under the overall co-ordinating responsibility of MEDU.
12. To prepare CAMP feasibility studies, CAMP programmes and agreements, to implement the ongoing MAP CAMP projects and the projects whose implementation has been decided on.
13. To propose to the countries where MAP CAMP projects have been completed the introduction of new and/or adaptation of existing instruments for environmental management, which would enable the follow-up of CAMPs, and to assist those countries in preparing viable projects that are continuation of already completed MAP CAMP projects.
14. To continue efforts in developing new types of CAMP projects.
15. To strengthen the existing and seek for new partnerships in the region aimed at the implementation of integrated coastal area management and sustainable development in coastal regions.

3.2. INTEGRATING ENVIRONMENT AND DEVELOPMENT

3.2.1. RECOMMENDATIONS ADDRESSED TO CONTRACTING PARTIES

1. To urge the municipal authorities to apply the recommendations of the MCSD on Urban Management and Sustainable Development.
2. To encourage their national and local authorities, associations in the hotel sector and profit and non-profit organisations to apply carrying capacity assessment for tourism activities as a common tool for sustainable development of tourism.
3. To support efforts to introduce better practices for urban water resources management, in particular the implementation of the relevant guidelines.
4. To support activities related to soil erosion/desertification control and management as an essential element of sustainable development in the region, and to support the partnerships of PAP/RAC with relevant international organisations and institutions.

3.2.2. RECOMMENDATIONS ADDRESSED TO THE SECRETARIAT (PAP/RAC)

1. To assist the Contracting Parties in their endeavours to implement the MCSD recommendations on urban management and sustainable development through the development of appropriate urban management tools and instruments, and by establishing mechanisms for the exchange of experience of good urban management practices.
2. To assist the Contracting Parties in implementing the guidelines for urban regeneration and by stimulating their efforts in incorporating this practice in urban development planning and management.

3. To assist the MCSD Working Groups on Cultural Heritage, Local Management and Sustainable Development, and Waste Management.
4. To promote the use of carrying capacity assessment as a tool for sustainable development of tourism, through the enhancement of the capacity of Mediterranean national and local institutions, and to continue offering technical assistance.
5. To study and analyse the issue of incorporation of ICAM into urban management, and to identify strategies and actions that should be encouraged in this field.
2. To support local authorities in implementing guidelines for sustainable urban water resources management.
3. To continue activities related to soil erosion/desertification control and management and to establish new partnerships with international and regional organisations and institutions in this field.
4. To continue implementing the sub regional project on soil erosion and desertification control and management in Maghreb countries.

4. PROPOSED PROGRAMME OF ACTIVITIES FOR 2004 - 2005

CONSULTANTS

SUSTAINABLE MANAGEMENT OF COASTAL ZONES

MAP CAMPs
Co-ordinating role; implementation of ICAM activities in Lebanon, Algeria, Slovenia and Cyprus; natural resources management ; participatory programmes; data management; capacity building; environmental assessment; sustainable urban management; CCA for tourism; preparation of ICAM strategies, programmes and plans; implementation of economic instruments for coastal zone management as a follow-up to SAP MED; integration of activities; preparation of final integrated reports; preparation of bankable projects as a follow-up of CAMP activities; preparatory activities for CAMP projects in Spain and Morocco
ICAM
Preparation and implementation of the Strategy on integrated coastal management and CAMPs in the Mediterranean
Assistance to countries in developing their national legislation for ICAM and analysis of possibilities for introducing a regional legal framework for ICAM
Assistance to Mediterranean countries in application of ICAM and ICARM methodologies: application of tools and instruments for ICAM - SEA, coastal information systems, land and sea use planning systems, vulnerability analysis, hazard assessment and risk management
Assistance to countries in preparing their strategies and programmes on integrated coastal area management (policy tools, assessment of coastal environment and development issues, institutional arrangements, actions plans)
Assistance to Mediterranean countries in preparing their national reports on coastal management (Algeria, Albania, Egypt)
Preparation of the Report of the State of Mediterranean Beaches
Development of a regional plan to fight coastal erosion in the Mediterranean coastal areas
Analysis of landscape management practices in Mediterranean countries: typology, patterns, management guidelines, outstanding landscapes
Development of the regional "clearing house" for documentation, information dissemination and awareness on coastal area management initiatives in the Mediterranean countries: update and improvement of the Regional clearing house mechanism
Preparation of an analytical framework for sustainable financing of ICAM activities in the Mediterranean countries: funding sources, public-private partnerships, microfinance, sustainable financing of MAP CAMPs
Analysis of the most prominent poverty issues in the Mediterranean coastal areas: definition of poverty and inequality, poverty and inequality measurement, social policies for poverty reduction

INTEGRATING ENVIRONMENT AND DEVELOPMENT

Implementation of the recommendations of the MCSDD Working Group on Urban Management and Sustainable Development: development of urban management, integration of coastal management and urban management, regional exchange of experience, urban regeneration issues in the Mediterranean
Assistance to the MCSDD working groups on Cultural Heritage, Local Management and Sustainable Development, and Waste Management
Implementation of the sub-regional project in Maghreb countries: definition of protection, rehabilitation and management measures in pilot areas, strategy development and preparation of management plans

TRAINING

SUSTAINABLE MANAGEMENT OF COASTAL ZONES

MAP CAMPs
Capacity building of stakeholders in CAMPs
ICAM
Development and implementation of the internet-based open training course on ICAM (MEDOpen): approach, methodology, training documents, case studies, selection of candidates, helpdesk, discussion groups, the first training course, examinations
Regional workshop to discuss and adopt the programme of action to fight coastal erosion in the Mediterranean coastal areas

INTEGRATING ENVIRONMENT AND DEVELOPMENT

Regional training on the methodologies, tools, procedures and technologies of erosion and desertification control and management (Syria and Lebanon)
Regional TC on application of guidelines for sustainable urban water resources management
Regional TC to discuss the Good Practices Guide for Carrying Capacity Assessment for Sustainable Tourism in the Mediterranean

MEETINGS

National Focal Points Meeting of PAP/RAC (jointly with ERS/RAC and BP/RAC)
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