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MEDITERRANEAN ACTION PLAN

Meeting of the Bureau of the Contracting Parties
to the Convention for the Protection of the
Mediterranean Sea against Pollution and its protocols

Tunis, 27 March 1998

**PROGRESS REPORT BY THE COORDINATOR ON ACTIVITIES CARRIED OUT
SINCE THE TENTH ORDINARY MEETING OF THE CONTRACTING PARTIES
INCLUDING DRAFT RECOMMENDATIONS ON SPECIFIC ACTIVITIES
(NOVEMBER 1997 - MARCH 1998)**

TABLE OF CONTENTS

Introduction

- A. Coordination
 - (a) Programme coordination
 - (b) Financial and institutional matters
 - (c) Information, participation and training
 - (d) MAP legal framework
 - (e) MAP collaboration with NGO
 - (f) Mediterranean Commission on Sustainable Development (MCSD)
- B. Pollution prevention and control
 - (a) Pollution control
 - (b) Prevention of the pollution of the marine environment by ships
 - (c) Cleaner Production activities
- C. Protection of Biological Diversity
- D. Integrating Environment and Development
 - (a) Sustainable management of coastal zones and natural resources
 - (b) Remote Sensing activities
 - (c) Coastal Areas Management Programme (CAMP)

ANNEXES

- Annex I : Calendar of meetings organized in the framework of MAP as of 1 February 1998
- Annex II: Status of contributions to the Mediterranean Trust Fund (MTF) as of 31 December 1997
- Annex III: Status of signature and ratification of the Barcelona Convention and its protocols as of 1 January 1998

Introduction

The present report covers the progress achieved and problems encountered in the implementation of the various activities carried out by the Coordinating Unit and its Regional Activity Centres (RACs), since the last meeting of the Contracting Parties (Tunis, 18-21 November 1997).

A. COORDINATION

(a) Programme coordination

1. In conformity with the decisions of the last meeting of the Contracting Parties, the Secretariat (MED Unit and RACs) has been engaging in various consultations with relevant United Nations organizations, other intergovernmental organizations and Secretariats of environmental conventions with a view to strengthen cooperation and coordination while avoiding overlapping and duplication of work as well as to benefit from their programmes.
2. Contacts have also been intensified with the EU in order to identify and finance projects to be covered by the EU voluntary part of the contribution to the MTF and by the funds to be secured through the EU/Euro-Mediterranean partnership programme (REMPEC project on port reception facilities for collecting ship-generated garbage, bilge waters and oily wastes). DGXII of EC has expressed interest in cooperating with MAP concerning research.
3. Contacts with METAP have also been intensified concerning the activity on indicators (BP) and the implementation of projects relevant to the Strategic Action Programme (SAP) to Address Pollution from Land-based Activities (MEDPOL).
4. MAP/GEF Cooperation has reached a critical moment with the finalization and the imminent approval of the MAP/GEF project on the Strategic Action Programme (SAP). More technical details are to be found under the pollution control section within this report.
5. MAP is also regularly attending the Coordination meetings of the Secretariats of environmental conventions being organized by UNEP. In this connection, the Coordinator attended the conference on hazardous wastes, organized by the Basel Convention Secretariat (Kuching, 23-27 February 1998), which also related to the Izmir Mediterranean Protocol on hazardous wastes. MAP will also extend its collaboration with the RAMOGE Convention and the Desertification Convention.
6. MAP has been in contact with the European Environment Agency (EEA) and is participating in the preparation of the Mediterranean Report. Cooperation with EEA will be enhanced in the future in the fields of biomonitoring, assessment tools, and joint organization of workshops. A Memorandum of Understanding will be signed to formalize the cooperation.

5,132,840. The status of contributions as of 31 December 1997 is contained in **Annex II** of this report.

2. For the 1998 contribution, the invoices were sent to the countries on 17 December 1997 by UNEP. However, as of mid February 1998 no pledges have been cashed in. A reminder will be sent soon. In this connection, contacts were undertaken with Libya concerning the balance of its unpaid contribution.
3. The 1994 - 1997 Project (ME/RA/CA/CP-0401-94-03) covering the operational Budget for the MAP/MEDU has been closed at the end of 1997. Now the MAP/MEDU is operating out of an allotment with the number ME/1100-98-02. This allotment started on 1 January 1998 and will last till 31 December 1998.
4. According to the availability of Funds at the end of December 1997 and the use of the available revolving Fund, MEDU and the RACs have been authorised by UNEP to commit up to 50% of the amount budgeted for administrative cost and 30% of the amount budgeted for activities for 1998.
5. In order to improve the monitoring and the control of the use of its Funds according to the budget, and to better report on the use of these Funds, MEDU is implementing an accounting system which will enable MAP to provide, in real time, information on the budget/account status of the office. This project started in December 1997 and its implementation should be finished by the end of March 1998. An evaluation is scheduled for July 1998.
6. The Deputy Coordinator Post has been filled and the chosen candidate Mr. Arab Hoballah will take up his duty on the 23 of March 1998. Mr. Francesco Saverio Civili has been appointed as MEDPOL Coordinator and is already in place.
7. The MEDU Unit has changed its telephone system and e-mail connection. In order to be able to perform this technical adjustment and use ISDN lines, the office had to change its telephone number.

MEDU, MEDPOL and RAC structure

1. The decisions of the Tunis meeting concerning the structure of MEDU, MEDPOL and RAC were thoroughly reviewed by the MEDU and RAC Directors during their meeting in Athens (3-4 February 1998). It was agreed that MEDU will start an assessment exercise of the activities of the RAC centres, starting with the Blue Plan Centre, and will undertake the financial auditing of the centres, starting with the Historic Sites programme and PAP/RAC during 1998 and with SPA/RAC during 1999. The meeting also decided to start the preparation of agreements to be signed with countries hosting RAC Centres which lack such a document (BP/RAC, ERS/RAC and CP/RAC).
2. Concerning the recruitment of staff paid under the MTF, and further to the recommendation of the last meeting of the Bureau on the need to diversify these recruitments, vacancy announcements are being prepared by MEDU, PAP/RAC and BP/RAC concerning the recruitment of Deputy Directors for the two centres. The announcements will be circulated to all MAP focal points.

- opportunities for young people to be recruited as consultants should be explored;
- finally, it should be noted that the work of the consultant should be judged by its output useful to the countries of the region.

Recommendation

3. The views of the Bureau on this subject are requested.

(c) Information, participation and training

1. MEDU has obtained funds from the EC (around US\$ 60,000) for the preparation of a brochure to promote environmental issues. The brochure, with "success stories", will be launched in cooperation with countries and the RACs to present successful activities having positive impact on the Mediterranean region.
2. The library, which houses and manages a special collection of scientific and technical publications and a complete collection of MAP meeting documents, offered assistance and reference services to the MEDU staff and the Mediterranean scientific, professional and student communities.
3. During the period 1 November 1997 - 15 February 1998, 28 visitors were received and assisted in the library. One-hundred and twenty four requests for copies of MAP documents and/or publications were received and filled for a total of 392 items. One hundred and seven issues of periodicals, 41 Technical Reports and 25 monographs were received, classified and processed.
4. Development and maintenance of the documents collection and database continued, as did the Non-Government Organization (NGO) reference/documents collection and database. Volume IV of **Mediterranean Action Plan: List of Meetings and Documents 1996-1997** and the **Directory of Non-Governmental Organizations (NGO)/MAP Partners** (updated February 1998) were published, as contained in documents: UNEP/BUR 52/Inf.4 and UNEP/BUR 52/Inf.3 respectively.
5. The UNEP/MAP Internet Home Page continued to be maintained and updated.
6. A special issue of MEDWAVES on "The Year of Oceans" will be published. The double issue number 35-36 of MAP Bulletin "MEDWAVES" on the Tenth Ordinary Meeting with a special dossier on Tunisia was issued and distributed in English and French. The Arabic version of issue 34 is being published and the double issue 35-36 is in preparation.
7. Two nationals from Libya from the Technical Centre for Environment Protection and the Marine Biology Research Centre were trained at MEDU offices in Athens for one week (2-6 March 1998). They were briefed about MAP structure, finance, administration and programmes. They had the opportunity to discuss the various issues relevant to MAP/Libya cooperation with all MAP professionals.

3. The founder members of UNIMED are the Universities of Rome "La Sapienza", Aix-Marseille, Alexandrie, Alger, Athens, Barcelona, Bari, Bordeaux I, Le Caire, Lyon II, Madrid Complutense, Messine, Naples, Paris "la Sorbonne", Rabat, Sassari, Seville, Toulon, Tunis, l'Ecole des Hautes Etudes en Sciences sociales de Paris.

Recommendation

4. In reviewing the information given to the Secretariat and taking note of the interest of the UNIMED to collaborate with MAP, the Secretariat proposes to the Bureau to maintain UNIMED in the MAP/NGO List of partners.
5. During the Tenth Ordinary Meeting (Tunis, Nov. 97), the representative of Turkey drew attention to the application of the Turkish Marine Research Foundation (TUDAV) for inclusion in the MAP/NGO List of partners, in view of the fact that the application had been received between the last meeting of the Bureau and the Tenth Ordinary Meeting of the Contracting Parties.
6. On the basis of this explanation, the Tunis meeting mandated the present Bureau, on an exceptional basis, to examine the request and come to a decision at the present meeting of the Bureau.

Recommendation

7. After examining the information provided by the TUDAV, the Secretariat recommends that the Turkish Marine Research Foundation (TUDAV) be included in the MAP/NGO List.
8. For the information of the Bureau, an updated version of the "Directory of Non-Governmental Organizations MAP Partners" has been issued in document UNEP/BUR/52/Inf.3.

(f) Mediterranean Commission on Sustainable Development (MCSD)

Consultation meeting of MEDU/RAC and Task Managers

1. With a view to coordinating and streamlining the work of the Task Managers and the Thematic Working Groups of the MCSD, the Secretariat convened a technical consultation meeting involving all Task Managers, MEDU professionals and the Directors of the RAC Centres. The meeting was held in Athens, at the MEDU premises, on 5 February 1998.
2. Various technical issues were thoroughly discussed and agreed upon such as the need for further coordination between the Task Managers, their supporting MAP Centres and the members of the working groups; the convening of at least one meeting of the Thematic Working Group for each theme before the fourth meeting of the MCSD involving the Task Managers, the MAP supporting Centres and all members of the Thematic Working Group; task managers should inform the members of their relevant groups of all information concerning their 1998-1999 programme and the time-frame agreed upon during the consultation

Croatia

Local authority category : City of Dubrovnik
(Ms Nike Sudarevic)

Socio-economic category : Croatian Chamber of Commerce
(Ms A. Bedrica)

Israel

Local authority category : The Association of Coastal Cities for
Tourism and Environment
(Mr A. Robinovitch)

Socio-economic category : Local Government Economic Services Co. Ltd.
(Mr Y. Sheli)

Lebanon

Socio-economic category : Lebanese Businessmen Association
(Mr K. Shehade)

Malta

Local authority category : Local Councils Association
(Dr Ian Micallef)

Morocco

Socio-economic category : Fédération des Industries Diverses
(M. M. Boutaleb)

Association Marocaine du Conseil et
de Ingénierie - A.M.A.C.I.
(M. R. Balafrez)

Spain

Socio-economic category : Mediterranean Water Network.

Turkey

Local authority category : Municipality of Silifke (Mersin)

Recommendation

4. **The Bureau is requested to select four candidates to fill the four vacant seats, with two to be selected from the local authority category and two from the socio-economic category.**

expected that the inventory of treatment and discharge of waste water of coastal Mediterranean cities with more than 10,000 inhabitants will be finished during the first semester of 1998, as a contribution to the implementation of the LBS Protocol.

6. A document on the compliance of maximum permissible levels of chemical contaminants in seafood is being prepared and it is expected to be reviewed by an Expert Meeting scheduled for May 1998 in Cyprus.
7. During the preparation of the Report on the Regional Pollution Hot Spots undertaken in 1997, the lack of trained personnel for the operation of municipal waste water plants was identified in several countries as an important problem. As a result, a Regional Workshop is being organized in cooperation with WHO in Athens on how to train waste water treatment plant operators. The Workshop will be held from 5-9 May 1998.
8. Within the framework of the compliance and enforcement of environmental legislation, questionnaires are being prepared with the assistance of WHO in order to collate information from all countries on a) the legislative background from which the permitting, compliance and enforcement provisions are formulated, b) the administrative structure currently used for compliance and enforcement and c) the characteristics of the permitting process, compliance practices and enforcement organization. After the collation and analysis of the questionnaires, a regional Workshop will be organized where the countries' situations and trends in compliance and enforcement will be discussed and conclusions will be made.
9. The Contracting Parties adopted in Tunis in November 1997 the Strategic Action Programme (SAP) to Address Pollution from Land-Based Activities. In view of the positive cooperation with GEF in relation to the 1997 340,000 \$ PDF-Grant which resulted in the preparation of the SAP, the Report on the Pollution Hot Spots and the draft Transboundary Diagnostic Analysis (TDA), the Secretariat furthered its contacts with GEF to proceed with the elaboration of a full-scale project which would assist the countries in the future implementation of the SAP.
10. As a result, a draft Brief was prepared by the Secretariat covering a three-year project to be submitted to the GEF Council for approval. The Project, which aims at preparing the basis for the implementation of the SAP, foresees a contribution of 6.29 million \$ from GEF, a participation of 3.04 million \$ in cash and kind from the countries, and 1.12 million \$ in cash and kind from MAP. A Meeting of the MAP/GEF National Coordinators from all Mediterranean countries was organized on 22-23 January 1998 to present and review the Project Brief and to seek the countries' approval for MAP's involvement in the implementation of the activities. The Meeting analysed the Project and asked the Secretariat to take into full account a number of comments and remarks on the content and the text of the Project before its submission for final approval to the GEF Council (see doc. UNEP(OCA)/MED WG.138/2). The main changes requested were related to the coordination of the project, the financial participation of MAP to the project and the preparation of a Strategic Action Programme for biodiversity.

essential for an adequate management of the natural and biological resources of the region and for the implementation of the new Protocol on Specially Protected Areas and Biodiversity. The added value of the collaboration with GEF is therefore evident for the obvious benefits to not only the GEF eligible countries but to all Contracting Parties and for the boost that the project will give to the implementation of the Protocols and the SAP at the regional level.

c) Implementation of the Dumping Protocol

15. Following the approval by the European Commission of a grant of 60,000\$ to MAP in relation to the issue of the management of dredged spoils in the Mediterranean, preparations were made for the updating and finalization of the Guidelines for the Management of Dredged Material already examined by a Government-designated Experts Meeting held on 20-22 May 1996 in Valencia. A Meeting for the final approval of the Guidelines will be hosted by the Government of Malta during the first semester of 1998.

(b) Prevention of the pollution of the marine environment by ships

Under this subject, the UNEP/IMO Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC) implemented the following activities:

1. In cooperation with the Italian chemical industry (ENICHEM), the REMPEC Centre organized a regional specialized training course on the prevention of, preparedness for and response to accidents involving hazardous and noxious substances carried in bulk, which was held in November 1997 in Porto Marghera, Venice at the ENICHEM's training centre.
2. Several meetings between the competent Maltese authorities and REMPEC took place these last months which led to:
 - a) the signature on 12 February 1998 of the Memorandum of Understanding organizing the cooperation between Maltese authorities and REMPEC and the assistance of the Centre;
 - b) the preparation and the submission of a project proposal on the development of sensitivity mapping and spill modelling at the end of January to the EC/LIFE - 98 financial instrument;
 - c) the ongoing preparatory work for the adoption, by the Maltese authorities, of an Interim emergency plan for marine pollution.
3. REMPEC also prepared two projects for submission to the EC/LIFE 98 financial instrument:
 - a) One for the development of the national system for preparedness to respond to accidental marine pollution in the Syrian Arab Republic. REMPEC is currently preparing a workshop for decision-makers and governmental officials which should take place in Latakia in April 1998;

2. From this meeting, several recommendations were elaborated to be presented to the Contracting Parties:

Recommendations relevant to Olive Oil

- Elaborate a guideline of advantages/disadvantages, cost indicators and real examples of the continuous extraction system and the new continuous extraction system.
- Elaborate a list of suppliers.
- Elaborate systems of information and training to optimize and make more accurate the use of both systems.
- Elaborate a document (1-2 pages) about the sector situation in each country, to be included with the documents of the meeting.
- Connect with UNEP Group of Experts.
- Implement a demo-project.
- Prepare a video about pollution prevention alternatives in the olive oil sector.

Recommendations relevant to Electroplating industry

- Prepare a list of conditioning that have an effect on water quality (baths and rinsings).
- Publish a list of good-housekeeping practices that could be implemented in the sector.
- Promote training, information-sharing and awareness between the companies to implement good-housekeeping practices.
- Adapt the diagnosis concept for the Mediterranean area (Adapting and improving the idea explained by the CP/RAC).
- Elaborate a document (1-2 pages) about the sector situation in each country, to be included with the documents of the meeting.
- Prepare a video about pollution prevention alternatives in the electroplating sector.

PUBLICATION OF CPNEWS NEWSLETTER

3. During the above mentioned meeting the newsletter CPNews was presented. This new periodical is an information exchange system between the different National Focal Points which contains news about programmes, achievements, and NFP news and information dealing with cleaner production in each country (seminars, projects, new technologies, legislation, etc.)

CP News is published in English and French and will be distributed to all National Focal Points for the CP/RAC.

French, English and Arabic versions have been produced, and are being distributed to the groups participating in the programme. A version of the folder in the Croatian language is under preparation in collaboration with the Croatian NGO *Natura*.

5. Within the preparation for the meeting of experts on the implementation of the action plans for threatened species adopted within MAP, to be convened by SPA/RAC in 1998, the following reports are under preparation: (i) a report on the interaction of marine turtles with fisheries in the Mediterranean; (ii) a report on marine turtle nesting and population dynamics in the Mediterranean.
6. SPA/RAC is convening a working group on the conservation of marine turtles in the Mediterranean; a meeting of the group is scheduled to be held in Tunis in March 1998 (tentative).
7. SPA/RAC is compiling a descriptive bibliography of the scientific literature concerning marine turtles in the Mediterranean. The bibliography is being elaborated in two forms: (i) a written document, consisting of a list of bibliographic references described by several key-words and a series of indexes (taxonomic, geographic and by subject); (ii) a computerized data-base, elaborated on a standard software for the management of bibliographic references.

Implementation of the Action Plan for the management of the Mediterranean Monk Seal

8. Within the preparation for the meeting of experts on the implementation of the action plans for threatened species adopted within MAP, the following reports are under preparation: (i) a general report on the implementation of the Action Plan for the management of the Mediterranean monk seal; (ii) a report reviewing, on the basis of the most recent information, the current status of monk seal populations in their range of distribution; (iii) a report aimed at assessing the status of monk seal populations and the implementation of the Action Plan for the management of the Mediterranean monk seal in Greece; (iv) a report aimed at assessing the status of monk seal populations and the implementation of the Action Plan for the management of the Mediterranean monk seal in Turkey.

Implementation of the Action Plan for the conservation of Cetaceans in the Mediterranean Sea

9. Within the preparation for the meeting of experts on the implementation of the action plans for threatened species adopted within MAP, the following reports are under preparation: (i) a report on the status of cetaceans in the Mediterranean; (ii) a report on the impact of fishing activities on cetaceans in the Mediterranean; (iii) a report on the stranding of cetaceans in the Mediterranean.
10. SPA/RAC is providing financial support to a survey aimed at evaluating the Bottlenose Dolphin (*Tursiops truncatus*) population along Croatian coast. The project is to be carried out by the Faculty of Veterinary Medicine of the

EXCHANGE OF EXPERIENCE AND STRENGTHENING OF NATIONAL CAPABILITIES

Assistance to countries in the implementation of the action plans for the conservation of marine turtles and cetaceans

16. SPA/RAC sponsored the participation of scientists from Southern and Eastern Mediterranean countries to the World Marine Mammal Science Conference, held in Monaco, 19-24 January 1998.

Training sessions on the scientific and technical aspects of the conservation of the natural common heritage

17. SAP/RAC organized, in collaboration with "Atelier Technique des Espaces Naturels", "Station Biologique de la Tour du Valat" and "Parc National de Port-Cros" a training workshop on the management of public access to SPAs. The workshop was held at Tour du Valat, with daily visits to Port-Cros and Portquerolles, from 8 to 13 December 1997. The workshop was attended by 14 participants from Albania, Bosnia and Herzegovina, Croatia, Egypt, Greece, Israel, Lebanon, Malta, Morocco, Slovenia, Tunisia, Turkey.

Assistance to countries in the field of biodiversity conservation

18. Within the framework of the development of a Mediterranean network for the monitoring of marine vegetation, SPA/RAC prepared technical and financial documents for the establishment of a marine vegetation monitoring network along Tunisian coasts. The documents were used for the elaboration of an application for funding from the Life Third countries Programme of the European Union. SPA/RAC is expected to contribute to the project through training activities and by providing additional funding to the Life programme contribution.

OTHER ACTIVITIES

19. SPA/RAC provided technical, administrative and accounting assistance to the MAP Coordinating Unit in the organization of the 10th Ordinary Meeting of the Contracting Parties (Tunis, 18-21 November 1997), in particular for (i) the consultations concerning the choice of the hotels to host the meeting and the delegations, (ii) the consultation concerning the renting of computer and interpretation equipment, and (iii) the management of Secretariat expenses during the meeting (hotel, per diem, and others).
20. In the general framework of the activities of the Centre, SPA/RAC staff attended the following other meetings or seminars:
 - 10th Ordinary Meeting of the Contracting Parties to the Convention for the protection of the Mediterranean Sea against pollution and its Protocols (Tunis, 17-21 November 1997);
 - 17th Meeting of the Standing Committee to the Convention on the Conservation of European Wildlife and Natural Habitats (Strasbourg, France, 1-5 December 1997);

indicators », the institutional structure of the observatory and the preparation for the launching of a national workshop.

7. *Syria* : a consistent feasibility study for a Syrian Environment and Development Observatory was prepared and finalised in March 98 by a local consultant under BP supervision; it will probably be used as a background document for fund raising from EC and/or UNDP.
8. *Lebanon* : an international consultant, engaged in November 1997, has prepared a consistent report in January 1998 as a feasibility study for a Lebanese Environment and Development Observatory ; it was used as background for a project document submitted for EC/DGXII/LIFE funding.

Institutional Studies / Country Profiles

9. *Algeria* : a final draft of the Algerian country profile has been submitted to the Algerian concerned persons in the General Directorate for the Environment for their final review before editing and dissemination in Algeria and around the Mediterranean.
10. *Syria* : a first draft of the Syrian country profile has been prepared by the local consultant and is being reviewed by the Blue Plan expert.
11. *Lebanon* : methodology, work progress and gaps have been discussed in Beirut with concerned persons during the period of the METAP workshop (see hereafter) ;
12. Others : assessment of information and preparatory analysis have been done by a trainee for the next country profiles on Spain and Italy.

Statistics and Indicators

13. Closely associated with the METAP III programme, the BP was asked and contracted to conduct in 97 and 98, on behalf of MAP and within the Programme Performance and Monitoring/PPM regional activity, the identification and elaboration of environmental performance indicators. A regional workshop was organised in Beirut from 15 to 17 December 97 with the support of UNOPS, METAP, UNDP, EC, the Lebanese MOE and with the participation of some 55 persons from all METAP beneficiary countries and several regional and international organisations. Working papers were prepared by BP and World Bank experts. The workshop report has been prepared and disseminated.
14. Based on the extensive research initiated through the EC/EUROSTAT/Medstat programme to which the Blue Plan was closely associated as a technical partner for environment statistics, five Mediterranean countries were asked to prepare through local consultants a study on « environmental statistics and indicators » for which they received technical and marginal financial assistance. These studies constituted a major input in the workshop jointly organised with UNEP in Beirut, hosted by the MOE. Held on 18-19 December 97, it was attended by some 25 persons from eight countries and five organisations. It has received

3. Executive board of PAP/RAC on its ninth session (Zagreb, 24 November 1997) appointed Mr Ivica Trumbic the Director of PAP/RAC.

Economic activities and the environment

Tourism

4. The final version of the document "Directives pour l'évaluation de la capacité d'accueil en matière de tourisme dans les régions littorales méditerranéennes" was prepared.
5. A national training course on the preparation of a carrying capacity assessment for tourism development was held in Tartous, Syria on 7-11 February 1998. The course was attended by 24 national trainees. The course was organized in cooperation with the Syrian Ministry of Environment.

Water resources

6. PAP/RAC organized the Training course on the Presentation and Application of the Guidelines for an Integrated Approach to Development, Management and Use of Water Resources (Malta, 3-7 November 1997). The Guidelines were presented to 13 training course participants from 10 countries who then focused on possibilities of applying the Guidelines to resolve numerous problems of development, management and use of coastal resources.
7. Institute of Water Technology in Malta and PAP/RAC held the Expert meeting on Guidelines for the Coastal urban Water Master Plan (Malta, 7-8 November 1997). The objective of the meeting was to analyse the draft contents and structure of the Guidelines and to propose necessary amendments. On the basis of the meeting results, the final draft of the basic contents and structure of the Guidelines have to be prepared.
8. Guidelines for an integrated approach to development, management and use of coastal water resources were translated into French.
9. The training course on integrated approach to development, management and use of water resources will be held in Tunis (9-13 March 1998) for French-speaking experts. The lecturers are going to be Tunisian experts. 18 trainees are expected from nine countries.

Soil erosion

10. The final versions of the documents: "Guidelines for mapping and measurement of rainfall-induced erosion processes in the Mediterranean coastal areas" and "National reports on pilot mapping and measurement of rainfall-induced erosion processes in the Mediterranean coastal areas" were disseminated to all PAP MFPs and interested parties. The follow up of the project has been sent for funding to the EU's LIFE-Third countries Programme.

20. Preparations are being made for organization of the Workshop to assess ICAM activities in the Mediterranean: Experiences from METAP and MAP (1988-1996), to be held in Egypt on 15-16 April 1998.

(b) Remote Sensing Activities

The Centre for Environmental Remote Sensing (ERS/RAC) implemented the following activities:

CAPACITY BUILDING

1. The "Forum" Initiative in Egypt is planned to arrange a one-day meeting with both local remote sensing experts and decision makers. The main output will be the Report "Support of Remote sensing Techniques to Planning and Decision Making Processes for Sustainable Development in Egypt".
2. In this connection, in November 1997, the Egyptian remote sensing Centres have transmitted draft synthesis relevant to their carried-out remote sensing applications in Egypt. Some suggestions and re-arrangements of the received contributions have been suggested by the RAC/ERS in order to homogenize the editing of the final report. In February 1998 the draft document was completed and mailed to EEAA and to the cooperating Centres.
3. On 8 March 1998, the one-day meeting took place at NARSS headquarters in Cairo. On this occasion, national remote sensing experts, planners and decision-makers met together in order to actively discuss - with a round table approach - the priority environmental requirements of the Country and the support that remote sensing and advanced techniques could give to meet them.

MEETINGS

4. November 1997, X Ordinary Meeting of the Contracting Parties in Tunis.
5. February 1998, mission to Ispra, Italy for meetings with experts from the European Commission aimed at defining the modality for access to funding in the framework of the European MEDA Programme.
6. February 1998, RACs directors Meeting in Athens.
7. February 1998, Athens, Meeting of Task Managers of the Commission on Sustainable Development.
8. February 1998, Mission to Brussels to meet officers of DGXI and DGXII for clarifications about procedures for submitting to MEDA proposals involving Organizations from Mediterranean Countries.
9. February 1998, Rome, Meeting with Israeli counterparts for assessing the progress of the project included in the CAMP for Israel - Issued by RAC/ERS.

CAMP "Israel"

7. PAP/RAC Director visited Israel (7-11 January 1998) in order to discuss the implementation of the PAP-sponsored part of the First National Strategy for Sustainable Development of Israel. Relevant Target groups held regular meetings and their outputs are being used for the Strategy preparation.
8. From December 1997 till January 1998, in the framework of the CAMP for Israel, the ERS/RAC Centre has completed the module relevant to the assessment of coastal changes of the Israeli coast. The application was based on checking variations between two different time series of SPOT satellite images, one taken in 1987 and the other in 1994. The GIS design has started and is to be developed in the following months. Results of the performed activity have been presented to the Israeli counterpart on the occasion of the Technical Meetings held in Rome from 18 till 20 February 1998 for this purpose.
9. In the context of the same CAMP, on December 1997, the Israeli consultant recruited by ERS/RAC, entrusted with the preparation of a report on "The State-of-the-Art of Remote Sensing Applications in Israel", has started gathering a series of useful information from the concerned Israeli Centres and Organizations through a questionnaire specifically prepared.
10. In March 1998, an ERS/RAC remote sensing expert has been entrusted with the preparation of a report on "Remote Sensing Multisatellite Applications for the Assessment of Coastal Changes and Evaluation of Coastal Vulnerability in Israel". The report will be issued by the end of March.
11. Work on energy and transport by two local consultants recruited by BP/RAC in the framework of the CAMP is going ahead ; progress was discussed on the occasion of a workshop related to this CAMP held in Israel in January 98.

CAMP "Lebanon"

12. Taking other activities in the country into consideration, following BP/RAC discussions held with concerned persons in the Ministry of Environment, an interesting region was identified , from south of Beirut to the city of Tyre; MAP's Coordinator visited part of the region in December 1997 and the Ministry of Environment is looking forward to undertaking a feasibility study with a consultant as soon as he receives support and assistance from MEDU.

ANNEX I

CALENDAR OF MEETINGS ORGANIZED IN
THE FRAMEWORK OF MAP

(as of 1 February 1998)

| Meeting | Date, Place | Organizer & co-sponsor (co-sponsor in brackets) | Responsible Officer | Report Status |
|---|-------------------------|--|-----------------------------|----------------------------|
| | 1998 | | | |
| Review Meeting for CAMP Israel | 8-9 Jan. Tel Aviv | PAP/RAC (UNEP-MEDU) | I. Trumbic* | to be issued by PAP/RAC |
| Meeting of Government- designated Experts to review and approve a GEF Project for the Implementation of the SAP | 22-23 January Athens | UNEP-MEDU | F.S. Civili | UNEP(OCA)/ MED WG.138/2 |
| Meeting of MEDU and RAC Directors | 3-4 February Athens | UNEP-MEDU | L. Chabason I. Dharat | UNEP(OCA)/ MED WG.137/2 |
| Technical Consultation Meeting of MAP and Task Managers of MCSD | 5 February Athens | UNEP-MEDU | L. Chabason I. Dharat | UNEP(OCA)/ MED WG.141/2 |
| National Training Course on Carrying Capacity Assessment for Tourism in Mediterranean Coastal Areas | 7-11 Feb. Tartous | PAP/RAC (UNEP-MEDU) | I. Trumbic* | Issued by PAP/RAC |
| National Training Course on ICAM | 9-12 Feb. Split | PAP/RAC (UNEP-MEDU) | I. Trumbic | Issued by MEDU |
| Fourth Meeting of MOIG | 25-26 Febr. Cyprus | REMPEC (UNEP-MEDU/ MOIG) | J-C Sainlos* G. Salessy* | to be issued by REMPEC |
| Expert Meeting to Discuss Guidelines for the Preparation of National Legislation for ICAM | 26-27 Feb. Nicosia | PAP/RAC (UNEP-MEDU) | I. Trumbic* | Issued by PAP/RAC |

| Meeting | Date, Place | Organizer & co-sponsor (co-sponsor in brackets) | Responsible Officer | Report Status |
|---|---|---|---|----------------------------|
| Meeting of the Bureau of the Contracting Parties | 27 March Tunis | UNEP-MEDU (TUNISIA) | L. Chabason* I. Dharat* | to be issued by MEDU |
| Meeting of the Working Group on the Conservation of Mediterranean Marine Turtles | March Tunis | SPA/RAC (UNEP-MEDU) | M. Saied M. Barbieri | to be issued by SPA/RAC |
| Working Group and Expert Meeting on Sustainable Development Indicators/MCSD | March France or Tunisia (tentative) | BP/RAC with Task Manager | A. Hoballah A. Comeau J.P. Giraud | to be issued by BP/RAC |
| Meeting on the Preparation of Guidelines for the Management of Dredged Material | March/April (tentative) Malta | UNEP-MEDU (MALTA) | F.S. Civili* | to be issued by MEDU |
| Meeting of MEDUNIT and RAC Directors | 14 April Egypt (tentative) | UNEP-MEDU (RACS) | L. Chabason* I. Dharat* | to be issued by MEDU |
| Workshop to Assess ICAM Activities in the Mediterranean: Experiences from METAP and MAP (1988-1996) | 15-16 April Egypt (tentative) | PAP/RAC UNEP-MEDU | L. Chabason* I. Trumbic* I. Dharat* | to be issued PAP/RAC |
| Port Reception Facilities Launching Meeting | 9-10 April (tentative) Cyprus or Malta | REMPEC (UNEP-MEDU/ EU/MEDA) | J-C Sainlos D. Domovic | to be issued by REMPEC |
| National Training Course on Communication and Reporting | 13-16 April Israel | REMPEC (UNEP-MEDU/ EU) | D. Domovic* | to be issued by REMPEC |
| Presentation Meeting on CAMP SFAX | April Sfax | SPA/RAC (UNEP-MEDU) | M. Saied* C. Rais* | to be issued by SPA/RAC |

| Meeting | Date, Place | Organizer & co-sponsor (co-sponsor in brackets) | Responsible Officer | Report Status |
|--|--|---|---|-------------------------------|
| Meeting of CP/RAC National Focal Points | Second half of June (tentative) Barcelona | CP/RAC (UNEP-MEDU) | V. Macià G. Kamizoulis* | to be issued by CP/RAC |
| Workshop on Environmental Performance Indicators | June Maghreb | BP/RAC METAP | A. Hoballah* A. Comeau* | to be issued by BP/RAC |
| GEF Donors Meeting | June (tentative) | UNEP-MEDU | F.S. Civili | to be issued by MEDU |
| Workshop on Sustainable Development Indicators | July Tunisia (tentative) | BP/RAC with Task Manager | A. Hoballah* A. Comeau* | to be issued by BP/RAC |
| National Training Course Libya | 14-17 Sept. Libya | REMPEC | J-C Sainlos* D. Domovic* | to be issued by REMPEC |
| Workshop on Sustainable Tourism/MCSD | second week September Turkey | BP/RAC with Task Manager, SPAIN | G. Benoit* E. Coudert* | to be issued by BP/RAC |
| Working Group on Industry and Sustainable Development (MCSD) | end Sept. Massa Carrara (Italy) | MEDPOL/ CP/RAC with Task Manager, ITALY | V. Macià* F.S. Civili* | to be issued by MEDU (MEDPOL) |
| Working Group on Free Trade and Environment (MCSD) | end Sept. Lebanon | BP/RAC with Task Manager, LEBANON | A. Hoballah* | to be issued by BP/RAC |
| Workshop on Environmental Performance Indicators | September North-East Mediterranean | BP/RAC METAP | A. Hoballah A. Comeau | to be issued by BP/RAC |
| Regional Training Course MEDIPOL 98 | 28 Sept.-4 Oct. (tentative) Spain | REMPEC | J-C Sainlos* D. Domovic* S. Micallef* | to be issued by |
| Working Group on Information (MCSD) | October MONACO (immediately before the 4th MCSD) | UNEP-MEDU with Task Manager, MIO-ECSDE | L. Chabason* | to be issued by MIO-ECSDE |

| Meeting | Date, Place | Organizer & co-sponsor (co-sponsor in brackets) | Responsible Officer | Report Status |
|--|---------------------------------|---|--|-------------------------|
| National Training Course on the Application of Environmentally Sound Approach to planning and Development of Tourism Activities Using the Guidelines for Carrying Capacity for Tourism | November Turkey | PAP/RAC (UNEP-MEDU) | I. Trumbic* | to be issued by PAP/RAC |
| Meeting of the Steering Committee of MCSD | Nov./Dec. | UNEP-MEDU | L. Chabason A. Hoballah* | to be issued by MEDU |
| Workshop on Prospective Tools for Coastal Management | December in a next CAMP country | BP/RAC | A. Hoballah E. Coudert A. Bourahia | to be issued by BP/RAC |

ANNEX II

| COUNTRIES | MTF Status of Contributions as at 31 December 1997 (in United States dollars) | | | | | | | Unpaid pledges for 1997 and prior years |
|-------------------------------|---|-----------------------------|------------------|---|---|-----------|--|---|
| | Unpaid pledges as at 31 Dec. 1996 | Adjustments for prior years | Pledges for 1997 | Collections during 1997 for 1997 and future years | Collections during 1997 for prior years | | | |
| ALBANIA | 3,084.00 | 0.00 | 3,300 | 3,300 | 3,084 | 0 | | |
| ALGERIA | 9,256.00 | 0.00 | 49,505 | 34,944 | 9,256 | 14,561 | | |
| BOSNIA HEREGOVINA | 37,475.00 | 0.00 | 14,145.00 | 0 | 0 | 51,620 | | |
| CROATIA | 81,953.00 | 0.00 | 45,733.00 | 0 | 0 | 127,686 | | |
| CYPRUS | 0.00 | 0.00 | 6,601.00 | 6,601 | 0 | 0 | | |
| EEC | 0.00 | 0.00 | 114,014 | 114,014 | 0 | 0 | | |
| EGYPT | 0.00 | 0.00 | 23,103 | 22,347 | 0 | 756 | | |
| FRANCE | 0.00 | 0.00 | 1,731,639 | 1,731,639 | 0 | 0 | | |
| GREECE | (354,994.00) | 0.00 | 132,485 | 0 | 0 | (222,509) | | |
| ISRAEL | 0.00 | 0.00 | 69,307 | 69,307 | 0 | 0 | | |
| ITALY | 3,096.00 | 0.00 | 1,430,643 | 1,289,615 | 0 | 144,124 | | |
| LEBANON | 0.00 | 0.00 | 3,300 | 0 | 0 | 3,300 | | |
| LIBYA | 503,362.00 | 0.00 | 92,881 | 0 | 295,405 | 300,838 | | |
| MALTA | (254.00) | 0.00 | 3,300 | 3,300 | 0 | (254) | | |
| MONACO | 0.00 | 0.00 | 3,300 | 3,276 | 0 | 24 | | |
| MOROCCO | (50.00) | 0.00 | 13,202 | 13,132 | 0 | 20 | | |
| SLOVENIA | 0.00 | 0.00 | 31,589 | 0 | 0 | 31,589 | | |
| SPAIN | 0.00 | 0.00 | 683,626 | 683,626 | 0 | 0 | | |
| SYRIA | 12,336.00 | 0.00 | 13,202 | 2,024 | 12,336 | 11,178 | | |
| TUNISIA | 0.00 | 0.00 | 9,901 | 9,901 | 0 | 0 | | |
| TURKEY | 0.00 | 0.00 | 106,082 | 106,082 | 0 | 0 | | |
| YUGOSLAVIA | 469,976.00 | 0.00 | -- | 0 | 0 | 469,976 | | |
| TOTAL | 765,240 | 0.00 | 4,580,858 | 4,093,108 | 320,081 | 932,909 | | |
| EEC VOLUNTARY CONTRIBUTION | 559,888.00 | 0.00 | 556,033 | 556,033 | 559,888 | 0 | | |
| HOST COUNTRY | 0.00 | 0.00 | 400,000 | 400,000 | 0 | 0 | | |
| SPAIN | 0 | 0 | 83,699 | 83,699 | 0 | 0 | | |
| GRAND TOTAL | 1,325,128 | 0 | 5,620,590 | 5,132,840 | 879,969 | 932,909 | | |

TOTAL CONTRIBUTIONS DURING 1997 AS AT END DECEMBER 1997 IS USD 6,012,809.

STATUS OF SIGNATURES AND RATIFICATIONS OF THE CONVENTION FOR
THE PROTECTION OF THE MEDITERRANEAN SEA AGAINST POLLUTION AND ITS PROTOCOLS

Status as of 1 January 1998

| Contracting Party | Barcelona Convention <u>1</u> | | Dumping Protocol <u>2</u> | | Emergency Protocol <u>3</u> | |
|----------------------|-------------------------------|--------------|---------------------------|-----------|-----------------------------|--------------------------|
| | Signature | Ratification | Acceptance of Amendments | Signature | Ratification | Acceptance of Amendments |
| Albania | - | 30.5.90/AC | | - | 30.5.90/AC | |
| Algeria | - | 16.2.81/AC | | - | 16.3.81/AC | |
| Bosnia & Herzegovina | - | 1.3.92/SUC | | - | 1.3.92/SUC | |
| Croatia | - | 8.10.91/SUC | | - | 8.10.91/SUC | |
| Cyprus | 16.2.76 | 19.11.79 | | 16.2.76 | 19.11.79 | |
| European Community | 13.9.76 | 16.3.78/AP | | 13.9.76 | 12.8.81/AP | |
| Egypt | 16.2.76 | 24.8.78/AP | | 16.2.76 | 24.8.78/AP | |
| France | 16.2.76 | 11.3.78/AP | | 16.2.76 | 11.3.78/AP | |
| Greece | 16.2.76 | 3.1.79 | | 11.2.77 | 3.1.79 | |
| Israel | 16.2.76 | 3.3.78 | | 16.2.76 | 1.3.84 | |
| Italy | 16.2.76 | 3.2.79 | | 16.2.76 | 3.2.79 | |
| Lebanon | 16.2.76 | 8.11.77/AC | | 16.2.76 | 8.11.77/AC | |
| Libya | 31.1.77 | 31.1.79 | | 31.1.77 | 31.1.79 | |
| Malta | 16.2.76 | 30.12.77 | | 16.2.76 | 30.12.77 | |
| Monaco | 16.2.76 | 20.9.77 | 11.4.97 | 16.2.76 | 20.9.77 | 11.4.97 |
| Morocco | 16.2.76 | 15.1.80 | | 16.2.76 | 15.1.80 | |
| Slovenia | - | 15.3.94/AC | | - | 15.3.94/AC | |
| Spain | 16.2.76 | 17.12.76 | | 16.2.76 | 17.12.76 | |
| Syria | - | 26.12.78/AC | | - | 26.12.78/AC | |
| Tunisia | 25.5.76 | 30.7.77 | | 25.5.76 | 30.7.77 | |
| Turkey | 16.2.76 | 6.4.81 | | 16.2.76 | 6.4.81 | |

Accession: AC

Approval: AP

Succession: SUC

- 1/ Convention for the Protection of the Mediterranean Sea against Pollution
Adopted (Barcelona): 16 February 1976
Entry into force: 12 February 1978
- 2/ The Protocol for the Prevention of Pollution of the Mediterranean Sea by Dumping from Ships and Aircraft (Dumping Protocol)
Adopted (Barcelona): 16 February 1976
Entry into force: 12 February 1978
- 3/ The Protocol concerning Co-operation In Combating Pollution of the Mediterranean Sea by Oil and other Harmful Substances In cases of Emergency (Emergency Protocol)
Adopted (Barcelona): 16 February 1976
Entry into force: 12 February 1978
- 4/ The Protocol for the protection of the Mediterranean Sea against Pollution from Land-based Sources (LBS Protocol)
Adopted (Athens): 17 May 1980
Entry into force: 17 June 1983
- 5/ The Protocol concerning Mediterranean Specially Protected Areas (SPA Protocol)
Adopted (Geneva): 3 April 1982
Entry into force : 23 March 1986
- 6/ The Protocol concerning Specially Protected Areas and Biological Diversity In the Mediterranean (SPA & Biodiversity Protocol)
Adopted (Barcelona): 10 June 1995
Entry into force: -
- 7/ Protocol for the Protection of the Mediterranean Sea against Pollution resulting from Exploration and Exploitation (Offshore Protocol)
of the Continental Shelf and the Seabed and its Subsoil
Adopted (Madrid): 14 October 1994
Entry into force: -
- 8/ Protocol on the Prevention of Pollution of the Mediterranean Sea by Transboundary Movements of Hazardous Wastes and their Disposal (Hazardous Wastes Protocol)
Adopted (Izmir): 1 October 1996
Entry into force: -