



**United Nations
Environment
Programme**



UNEP(OCA)/MED WG.111/4.Add.1
9 April 1996

Original: ENGLISH

MEDITERRANEAN ACTION PLAN

Meeting of MAP National Focal Points

Athens, 6-10 May 1996

**PROPOSED ACTIVITIES TO BE SUBMITTED
FOR EXTERNAL FUNDING IN 1997**

INTRODUCTION

This addendum contains a list of activities proposed by the Coordinating Unit (MEDPOL) and the supporting Regional Activity Centres (BP/RAC, SPA/RAC, PAP/RAC and ERS/RAC) in addition to the programme budget proposed in document UNEP(OCA)/MED WG.111/4 and for which additional funding outside the ordinary contributions to the Mediterranean Trust Fund and the Voluntary Contribution of the EC will be sought.

I. SUSTAINABLE DEVELOPMENT IN THE MEDITERRANEAN

1. INTEGRATING ENVIRONMENT AND DEVELOPMENT

1.1 Economic activities and the environment

| ACTIVITIES | External 1997 (,000 US \$) |
|--|----------------------------------|
| Industry | |
| <u>Assessment</u> - Collecting information, evaluation and estimation of industry pollution (MEDPOL) | 50 |
| <u>Action Plan</u> - Preparation and implementation of action plans (including economic aspects and timetables) for reduction and elimination of pollution of major industrial "hot spots" (MEDPOL) | 100 |
| <u>Assistance</u> - Capacity building of relevant national structures (MEDPOL) | 50 |
| TOTAL ACTIVITIES | 200 |

1.2 Urban management and the environment

| ACTIVITIES | External 1997 (,000 US \$) |
|--|----------------------------------|
| - Regional workshop to identify the best practices of urban planning as the basis for the sustainable coastal cities (PAP) | 45 |
| - Preparation of documents for the Training course on the application of effluent standards in urban waste water treatment facilities (PAP) | 20 |
| - Assistance missions to facilitate decision making on treatment facilities in urban areas (PAP) | 20 |
| - Planning and implementation of a monitoring system for the assessment of the state of urbanization and its dynamics in time and space (ERS) | 40 |
| - Cooperation for the promotion of the concept of sustainable city and of appropriate methodology of urban planning adapted to the development of coastal cities (ERS) | 5 |
| - Information and training (ERS) | 5 |
| TOTAL ACTIVITIES | 135 |

1.3 Sustainable management of natural resources

| ACTIVITIES | External 1997 (,000 US \$) |
|---|----------------------------------|
| Water resources | |
| - Preparation of two case studies on Coastal Urban Master Water Planning (Sfax and Malta) (PAP) | 50 |
| - Regional Workshop on Drought Water Management (PAP) | 30 |
| - Preparation of Guidelines for Drought Water Management Plants and Emergency Activities (PAP) | 16 |
| - Preparation of Guidelines for Water Conservation (PAP) | 12 |
| - Expert Meeting on Guidelines for Water Conservation (PAP) | 12 |
| - Case study on Water Conservation (PAP) | 40 |
| Soil | |
| - Final Conference to present the results of the activity (1989-96) and to discuss and propose the programme for the follow-up (PAP) | 40 |
| - Study of soil resources, soil degradation and desertification, making use of remote sensing techniques in integration with other methods (ERS) | 35 |
| - Cooperation for the definition of prevention techniques and tools concerning soil degradation and restoration, and for the assessment of risk and policies of prevention (ERS) | 5 |
| Living marine resources | |
| - Expert Group meeting to promote coordination of the ongoing research on ecologically sound integrated management of mollusc culture (PAP) | 10 |
| - Training course on integrated management of mollusc culture (PAP) | 35 |
| - Training course on the environmentally sound siting of aquaculture, including the utilization of GIS (15 participants) (PAP) | 20 |
| Forest and plant coverage | |
| - Observation and assessment of state and changes of plant cover for the whole Mediterranean basin, making use of remotely sensed data and their integration with data from other sources (ERS) | 40 |
| - Information and training (ERS) | 10 |
| TOTAL ACTIVITIES | 355 |

1.4 Integrated coastal area management

| ACTIVITIES | External 1997 (,000 US \$) |
|--|----------------------------------|
| Integrated Planning | |
| - Regional Training Workshop on Strategic Environmental Assessment (PAP) | 35 |
| Coastal Areas Management Programme (CAMP) | |
| - Identification of pollution "hot spots"; assistance for monitoring programmes (levels and compliance) (MEDPOL) | 50 |
| - Implementation of CAMP activities: assistance to local systematic and prospective analysis (BP) | 30 |
| - Implementation of CAMPs in Sfax/Tunisia, Algeria, Al-Hoceima/Morocco, Israel, Malta and Lebanon (PAP) | 200 |
| - Planning and implementation of the activities for the Malta/Morocco/Israel CAMPs - Technical assistance to local counterparts, consultations, meetings, training (ERS) | 45 |
| TOTAL ACTIVITIES | 360 |

1.5 Elements for a Mediterranean strategy (including MEDO)

| ACTIVITIES | External 1997 (,000 US \$) |
|---|----------------------------------|
| - Assistance to countries for preparation of a national environment and development Observatory (BP) | 10 |
| - Data collection and processing and organisation of the Mediterranean Environment and Development Information System (BP) | 15 |
| - Identification and elaboration of indicators: water, soil, wastes, urban, agriculture, etc.. (BP) | 15 |
| - Preparation and publication of 2 country profiles (BP) | 10 |
| - Promoting the use of appropriate methods for the sound understanding of the Mediterranean environment; Transferring information of potentialities and achievements of remote sensing; Developing initiatives based on or related to remote sensing application and applicability; Fostering cooperation among the Mediterranean bordering countries in the field of remote sensing (ERS) | 10 |
| TOTAL ACTIVITIES | 60 |

1.6 National and local capacity building

| ACTIVITIES | External 1997 (,000 US \$) |
|--|----------------------------------|
| - Workshop on Identification, Elaboration and use of Environmental Statistics and indicators (BP) | 40 |
| - On-job training on remote sensing techniques and applications and technical assistance to countries (mainly on monitoring of vegetation , monitoring of coastline changes, assessment of natural resources and land suitability, study of sea dynamics in coastal areas) (ERS) | 15 |
| TOTAL ACTIVITIES | 55 |

2. CONSERVATION OF NATURE, LANDSCAPE AND SITES

2.1 Collection of data and periodic assessment of the situation

| ACTIVITIES | External 1997 (,000 US \$) |
|---|----------------------------------|
| - Plan for the collection of information making use of remote sensing (ERS) | 5 |
| TOTAL ACTIVITIES | 5 |

I. SUSTAINABLE DEVELOPMENT IN THE MEDITERRANEAN

| |
|--|
| 3. ASSESSMENT, PREVENTION AND ELIMINATION OF MARINE POLLUTION |
|--|

3.1 Assessment of pollution-related problems

| ACTIVITIES | External 1997 (,000 US \$) |
|--|----------------------------------|
| - Planning or methodologies for integrating sea pollution measurements with synoptic multi-temporal remotely sensed information on the sea surface state and changes (ERS) | 10 |
| TOTAL ACTIVITIES | 10 |

3.2 Pollution prevention

3.2.1 Prevention and elimination of the pollution of the marine environment from land-based activities

| ACTIVITIES | External 1997 (,000 US \$) |
|---|----------------------------------|
| <u>Action Plans</u> - Identification of major pollution "hot spots";preparation and implementation of action plans (including economic aspects with timetables) for reduction and elimination of pollution at major "hot spots" (MEDPOL) | 100 |
| - Formulation, adoption and implementation of regional action plan for reduction and elimination of pollution from land-based sources and activities (MEDPOL) | 30 |
| <u>Training</u> - Training of national environmental inspectors (MEDPOL) | 70 |
| <u>Meetings</u> - One meeting of experts for the development of elements of national action plans for the reduction and elimination of pollution from land-based sources and activities (MEDPOL) | 30 |
| TOTAL ACTIVITIES | 230 |