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Dubrovnik, 28 February - 4 March 1983

PRIORITY ACTIONS PROGRAMME
OF THE
MEDITERRANEAN ACTION PLAN

Proposed activities for the 1983 - 1985 period

Note by the Secretariat

This document has been prepared by PAP/RAC and is submitted
for information to the participants.

REGIONAL ACTIVITY CENTRE

PRIORITY ACTIONS PROGRAMME
UNEP - MEDITERRANEAN ACTION PLAN

PRIORITY ACTIONS PROGRAMME OF THE MEDITERRANEAN
ACTION PLAN

Proposed activities for the 1983-1985 period

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Proposed activities for the 1983-1985 period

Regional Activity Centre for the Priority Actions Programme of the Mediterranean Action Plan submitted to the Extraordinary Meeting of the Contracting Parties to the Convention for the Protection of the Mediterranean Sea against Pollution (Geneva, 29 March - 1 April 1982) the Progress Report and Proposed Activities for the 1982-1983 Period (UNEP/IG.36/INF.5), with the estimated budget of US \$ 290,000 for 1982 and \$ 350,000 for 1983. The Extraordinary Meeting accepted the proposed Programme and decided on the increase of the budget for PAP to US \$ 320,000 in 1982 and 380,000 in 1983 (UNEP/IG.36/8, Section II, Chapter 2).

Based on the approved budget, the PAP Centre signed in 1982 the project document for the preparation of the "Compendium of Projects and Institutions Concerned with Aquaculture, Energy and Human Settlements in Mediterranean Countries" (FP/ME/0503-82-01/PP/2308) with the contribution of US \$ 24,000 by MTF and 8,000 by Environment Fund. In addition to this, MTF covered the expenses of US \$ 16,000 incurred by the First Meeting of PAP National Focal Points, which was held in Split, on 6-8 December 1982. The remaining allocations envisaged by the approved budget were not used in 1982 for the lack of financial resources in MTF.

The budgetary situation in 1982, therefore, necessitated re-consideration of the Programme for 1983, bearing in mind the unfulfilled 1982 Programme, as well as the preparation of a proposal for PAP activities in the 1983-1985 period.

That was the reason for convening the First Meeting of the National Focal Points for PAP (held in Split, on 6-8 December

1982), which considered the 1983-1985 programme proposal for PAP activities submitted by PAP/RAC and which, following an extensive discussion, requested PAP/RAC "to prepare for each priority action a workplan with outputs and budget which should be submitted to the next Contracting Parties meeting". The Meeting of National Focal Points adopted the budget which retained the level approved by the Extraordinary Meeting of Contracting Parties for 1983 with an increase of approximately 10 per cent in 1984 and 1985 (document MAP/PAP/FP.1, paragraphs 38 and 39), which is attached to this paper as Annex I.

Respecting the recommendations of the First Meeting of PAP National Focal Points, the following detailed proposal (with budget, workplan and outputs) for 11 activities (projects) has been prepared:

COMPENDIUM OF PROJECTS AND DIRECTORY OF INSTITUTIONS
AND EXPERTS IN APPROVED PRIORITY AREAS

I Cost of Project (in US \$)

	MTF	PAP/RAC	Total
1983	30,000	19,000	49,000
1984	10,000	5,000	15,000
1985	10,000	5,000	15,000
Total 1983-1985	50,000	29,000	79,000

II Background Information

The Extraordinary Intergovernmental Meeting adopted a new approach in the implementation of PAP, based on results of accomplished and ongoing national, bilateral, multilateral and international projects.

The new concept of PAP underlines the engagement of national institutions and national experts who have been carrying out the PAP-related projects. Therefore, for the effectuation of the so conceived cooperation, basic documentation containing the following should be prepared:

- a) Compendium of ongoing and recently accomplished national, bilateral, multilateral and international projects in the approved PAP fields.
- b) Directory of national institutions and experts in the approved priority areas.

Under the project document FP/ME/0503-82-01 (PP/2308), PAP/RAC is being preparing the Compendium of the projects in the field of renewable sources of energy, aquaculture and human settlements, and the Directories of national experts and institutions in the

fields of aquaculture, renewable sources of energy and water resources management.

III Objectives

The objective of this project is to compile, sort out and systematize available data on completed and ongoing national, bilateral, multilateral and international projects in the fields of tourism, water resources management and soil protection, as well as data about institutions and experts dealing with the problems of human settlements, soil protection and tourism in the Mediterranean.

IV Workplan

1. Preparation of project document.
2. Consultation with PAP National Focal Points.
3. Dissemination of questionnaires.
4. Processing of collected information.
5. Preparation of draft documents and their dissemination.
6. Preparation of final documents.
7. Up-dating of the Compendium in the fields of renewable sources of energy, aquaculture and human settlements, as well as of Directories concerning national experts and institutions in the fields of aquaculture, water resources management and renewable sources of energy.

V Outputs

- Compendium of national, bilateral, multilateral and international projects in the fields of tourism and water resources management.
- Directory of national institutions in the fields of human settlements, soil protection and tourism.

- Directory of national experts dealing with the problems of human settlements, soil protection and tourism.

VI Time Table

1.	Preparation of project document	April 1983
2.	Consultation with PAP National Focal Points	April-June 1983
3.	Dissemination of questionnaires	May 1983
4.	Processing of compiled information	June-October 1983
5.	Preparation of draft documents	November 1983
6.	Preparation of final document	February 1984
7.	Up-dating of the Compendium and Directories	February 1985

VII Budget

	MTF	PAP/RAC	Total
1. Preparation of project document	-	1,000	1,000
2. Consultation with PAP Focal Points	3,500	2,000	5,500
3. Dissemination of questionnaires	1,000	1,000	2,000
4. Processing of compiled inform.	22,500	10,000	32,500
5. Preparation of draft documents	3,000	5,000	8,000
Total in 1983	30,000	19,000	49,000
6. Preparation of final document	10,000	5,000	15,000
Total in 1984	10,000	5,000	15,000

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	MTF	PAP/RAC	Total
7. Up-dating of the Compendium and Directories, and publishing	10,000	5,000	15,000
Total in 1985	10,000	5,000	15,000
GRAND TOTAL 1983-1985	50,000	29,000	79,000

LAND USE PLANNING IN EARTHQUAKE ZONES

I Cost of Project (in US \$)

	MTF	PAP/RAC	Total
1983	20,000	13,000	33,000
1984	40,000	16,000	56,000
1985	30,000	16,000	46,000
GRAND TOTAL 1983-1985	90,000	45,000	135,000

II Objectives

1. To establish permanent co-operation between research and planning institutions in the Mediterranean region, which are capable of contributing, in the frame of the physical planning discipline, to the solutions of critical conflicts emerging between various functions and users of space, under seismic conditions.
2. To develop methodological models for the preparation of physical and urban plans in seismic conditions, through research into natural conditions and man-made factors from the aspect of both favourability for and constraints of construction, and use and management of physical environment.
3. To develop models and criteria for land use, spatial distribution of economic activities, building density, location and management of industries, creation of traffic centres, watersupply systems, sewerage systems, building patterns, shape and structures, etc. under seismic conditions, with a view to arriving at optimum solutions at rational investments.

III Workplan

1. Consultation with PAP National Focal Points and formulation of project document.
2. Recruitment of 4 consultants (equally from the Northern and the Southern Mediterranean). They will be asked to compile information on already prepared methodological solutions incorporated in physical and urban plans, in revitalization plans of historic urban entities located in the areas exposed to earthquake risks.
3. Analysis and appraisal of already applied methodological solutions in physical and urban planning, as well as in revitalization plans of old urban entities, under seismic conditions.
4. Bilingual (English/French) Government Expert Meeting to evaluate the applied methodological solutions in physical and urban planning, and in the revitalization plans of old urban entities in seismic conditions.
5. Preparation of recommendations containing a global methodology for the preparation of physical plans, master plans, detailed plans and designs, as well as revitalization plans of old urban entities; formulation of guidelines for their application dependent on specific characteristics of individual seismicly active areas in the Mediterranean region.
6. Translation, publication and dissemination of the recommendations.

IV Outputs

- Operative network of relevant institutions and experts in Mediterranean countries cooperating on the physical and urban planning in seismic conditions.
- Recommendations for a global methodology for the preparation of physical plans, master plans, detail plans and urban designs under seismic conditions.
- Guidelines concerning criteria for optimum physical distribution of economic activities, urban and infrastructure systems, under seismic conditions.

V Time Table

- | | | |
|----|--|----------------------------------|
| 1. | Consultation and formulation
of project document | April-May 1983 |
| 2. | Recruitment of consultants and
compilation of information | September-November 1983 |
| 3. | Analysis and appraisal of applied
methodological solutions | December 1983 -
March 1984 |
| 4. | Government Expert Meeting | October 1984 |
| 5. | Preparation of recommendations | November 1984 -
February 1985 |
| 6. | Translation, publication and
dissemination of recommendations
and guidelines | February 1985 -
May 1985 |

VI Budget

	MTF	PAP/RAC	Total
1. Compilation and formulation of project document	2,000	5,000	7,000
2. Compilation of information	12,000	5,000	17,000
3. Analysis and appraisal of applied methodol. solutions in physical planning (1983)	6,000	3,000	9,000
Total in 1983	20,000	13,000	33,000
3a Analysis and appraisal of applied methodol. solutions in physical planning (1984)	6,000	3,000	9,000
4. Expert Meeting	28,000	10,000	38,000
5. Preparation of recommendations and guidelines	6,000	3,000	9,000
Total in 1984	40,000	16,000	56,000
5a Preparation of recommendations and guidelines (1985)	16,000	6,000	22,000
6. Translation, publishing and dissemination of documents	14,000	10,000	24,000
Total in 1985	30,000	16,000	46,000
GRAND TOTAL 1983-1985	90,000	45,000	135,000

Several Mediterranean countries underlined that this activity should have a highest level of priority. UNESCO expressed its willingness to cooperate in this project.

REVIEW AND ANALYSIS OF METHODS AND TOOLS USED IN CURRENT
PROJECTS ON INTEGRATED PLANNING AND MANAGEMENT OF MEDITERRANEAN
COASTAL ZONES

I Cost of Project (in US \$)

	MTF	Countries & Agencies	PAP/RAC	Grand Total
1983	65,000	30,000	20,000	115,000
1984	30,000		10,000	40,000
1985	30,000		10,000	40,000
TOTAL	125,000	30,000	40,000	195,000

II Objectives

Survey and analysis of existing methods and tools which are used in the projects dealing with the integrated planning and management of Mediterranean coastal zones, in order to formulate, on the basis of appraisals given for achieved results and experiences, recommendation and guidelines for such a system of integrated planning and management of coastal zones which will ensure the highest possible degree of harmonization between coastal development and the need for the protection and improvement of the environment.

III Workplan

- a) Consultations, formulation and signing of project document.
- b) Invitation to all National Focal Points for PAP and interested Agencies of the UN system requesting them to make proposals for and to work out some of the accomplished and/or ongoing projects of coastal planning they deem suitable for processing within this project.
- c) Recruiting of 2 consultants from Mediterranean countries, who will make a selection of the proposed projects and prepare, in form of a report, basic information and indicators on all the

projects, as well as get familiar (in direct contacts) with and propose 4-5 projects for presentation and consideration at a workshop.

- d) Convening of the Workshop (5 days) wherein the experts who were in charge of individual selected projects will present them, and Government representatives of the countries where the projects were carried out will report on their implementation, achieved results and problems of the management of coastal areas covered by planning. The presentations and conclusions reached at the Workshop will serve as the basis for the preparation of a final report.
- e) Preparation of the final report by the consultants (c) in the form of recommendations and guidelines for the coastal zone planning, as well as eventual recommendations for the follow-up action.
- f) Translation and publishing of the report in 2 languages (English and French) in 300 copies for each version.

IV Outputs

- Report on the existing projects dealing with integrated planning and management of Mediterranean coastal zones.
- Final report following conclusions of the Workshop in the form of recommendations and guidelines for integrated planning and management of Mediterranean coastal zones reconciled with the requirements of the protection and improvement of the Mediterranean environment.

V Time Table

- a) Consultation, formulation
and signing of project document

March-May 1983

- b) Selection of projects,
mission and preparation
of report June-September 1983
- c) Workshop October 1983
- d) Preparation of final
report and recommendations November 1983 -
June 1984
- e) Translation, publishing and
dissemination of the report July 1984 - January 1985

VI Budget

	MTF	PAP/RAC	Countries & Agencies	Total
a) Consult., formulation and signing of project document	5,000	1,500	-	6,500
b) Selection and processing of projects by countries and Agencies	-	3,500	30,000	33,500
c) Recruiting of consult. mission, report with proposal for projects for the Workshop	23,200	5,000	-	28,200
d) Workshop	36,800	10,000	-	46,800
Total 1983	65,000	20,000	30,000	115,000
e) Preparation of final report	30,000	10,000	-	40,000
Total 1984	30,000	10,000	-	40,000
f) Translation and publishing of report	30,000	10,000	-	40,000
Total 1985	30,000	10,000	-	40,000
GRAND TOTAL 1983-1985	125,000	40,000	30,000	195,000

Several countries had expressed their interest for participating in this project (Yugoslavia, Greece, Spain), and several others did it at the Meeting of National Focal Points for PAP. In addition, UNESCO, UN/DTCDC and WHO also expressed their interest in the subject.

REHABILITATION AND RECONSTRUCTION OF COASTAL HISTORIC
SETTLEMENTS AND THEIR CENTRES

I Cost of Project (in US \$)

	MTF	Countries & Agencies	PAP/RAC	Total
1983	35,000	9,000	10,000	54,000
1984	50,000	1,000	15,000	66,000
1985	70,000	-	20,000	90,000
Total 1983-1985	155,000	10,000	45,000	210,000

II Objectives

The objectives of this project are to obtain knowledge and to compile information on accomplished projects of reconstruction and rehabilitation of Mediterranean historic settlements and centres, with special reference to methodologies applied and solutions arrived at, as well as to citizens participation in making decisions relative to reconstruction and rehabilitation issues.

In addition, the objective of this project, stemming from the above, is to recommend the contents and methods of preparing reconstruction and rehabilitation studies and projects for Mediterranean historical settlements, and to help Mediterranean countries in defining concepts, methods of work and principal goals in the preparation of reconstruction and rehabilitation projects for historical settlements and their centres, with a view to:

- Ensuring economic and physical development of historical coastal settlements in consistency with their natural, man-made and cultural values while yielding best social and economic results;

- finding out appropriate solutions to some urban, sanitary and social problems in the cores of Mediterranean coastal historic settlements;
- providing recommendations on how to integrate historic cores with their surrounding towns and areas;
- identifying principles for the protection of historic and environmental values in small-scale Mediterranean towns while striving to reach decent technical, sanitary and social level of contemporary life.

III Workplan

- a) Consultation, formulation and signing of project document.
- b) Contacts with the National Focal Points for PAP and relevant UN agencies, with a view to obtaining information on:
 - accomplished projects of reconstruction and rehabilitation of Mediterranean historic settlements and centres;
 - ongoing or envisaged projects which could benefit from the assistance of experts.
- c) Recruitment of 2 consultants (one from the Northern and the other from the Southern Mediterranean) who will, in direct contact, get an insight into accomplished projects and prepare the report on methods applied and results achieved in individual projects, as well as give recommendations and guidelines for carrying out other projects dealing with similar subjects.
- d) Following requests of Mediterranean countries for technical assistance in resolving particular problems within the domain of reconstruction and rehabilitation of historic

REHABILITATION AND RECONSTRUCTION OF COASTAL HISTORIC
SETTLEMENTS AND THEIR CENTRES

I Cost of Project (in US \$)

	MTF	Countries & Agencies	PAP/RAC	Total
1983	35,000	9,000	10,000	54,000
1984	50,000	1,000	15,000	66,000
1985	70,000	-	20,000	90,000
Total 1983-1985	155,000	10,000	45,000	210,000

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 - accomplished projects of reconstruction and rehabilitation of Mediterranean historic settlements and centres;
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- c) Recruitment of 2 consultants (one from the Northern and the other from the Southern Mediterranean) who will, in direct contact, get an insight into accomplished projects and prepare the report on methods applied and results achieved in individual projects, as well as give recommendations and guidelines for carrying out other projects dealing with similar subjects.
- d) Following requests of Mediterranean countries for technical assistance in resolving particular problems within the domain of reconstruction and rehabilitation of historic

settlements and centres, and in consultation with them, selection and appointment of experts for providing technical assistance in the preparation of relevant studies and expertise.

- e) Seminar on methodologies used and on carrying out the projects of reconstruction and rehabilitation whereat consultants (c) and experts (d) will present achieved results, applied methodologies, and prepare guidelines for the preparation of similar future projects.
- f) Based on the papers prepared for the Seminar, as well as on the Seminar discussion and conclusions, the consultants will produce final recommendations in the form of a report.
- g) Translation and publishing of the report in English and French (300 copies each version).

IV Outputs

- Report on accomplished projects of reconstruction and rehabilitation of Mediterranean historical settlements and centres.
- Technical assistance by consultants and experts on individual subjects, to ongoing projects; preparation and publication of the report on the subjects, methodology and results of the expertise.
- Final report following the Seminar in the form of recommendations and guidelines for the reconstruction and rehabilitation of Mediterranean historic settlements and their centres.

V Time Table

- a) Consultation, formulation and signing of project document April 1983
- b) Compilation of information on accomplished projects May - September 1983
- c) Recruitment of consultants and preparation of report on accomplished projects October-November 1983
- d) Briefing of experts for technical assistance to on-going projects; expertise December 1983 - Sept. 1984
- e) Seminar February 1985
- f) Preparation of the final report and recommendations March - June 1985
- g) Translation and publication and dissemination of the final report July - October 1985

VI <u>Budget</u>		MTF	PAP/RAC	Countries & Agencies	Total
a)	Consultation, formulation and signing of project document		1,500	-	1,500
b)	Contacts with Mediter. countries	6,000	1,500	-	7,500
c)	Compilation of information and visits to Med. countries	8,000	-	9,000	17,000
	Report on accomp- lished projects	12,000	4,000	-	16,000
d)	Consultation with NFP to define type and scope of techn.assistance	9,000	3,000	-	12,000
Total in 1983		35,000	10,000	9,000	54,000
d)	Technical assist. of experts	44,400	11,000	-	55,400
	Debriefing	3,000	1,000	-	4,000
	Report on tech. assistance	2,600	3,000	1,000	6,600
Total in 1984		50,000	15,000	1,000	66,000
e)	Seminar	34,880	10,000	-	44,880
f)	Final report and guidelines	28,120	5,000	-	33,120
	Translation, publishing and dissem. of report	12,000	5,000	-	17,000
Total in 1985		75,000	20,000	-	95,000
Grand Total 1983-1985		160,000	45,000	10,000	215,000

Morocco and Yugoslavia had made written proposals for several of their settlements to be included in this project, whereas (during the First Meeting of National Focal Points for PAP) a number of Mediterranean countries, and UNESCO (in its letter addressed to MAP Coordinator) expressed their interest in participating in the project.

TECHNICAL AND ECONOMIC EVALUATION AND COMPARATIVE
ANALYSIS OF WATERSUPPLY SYSTEMS ON MEDITERRANEAN ISLANDS
AND WATER DEFICIENT COASTAL AREAS

I Cost of Project (in US \$)

	MTF	Countries & Agencies	PAP/RAC	Total
1983	75,000	20,000	30,000	125,000
1984	60,000	-	20,000	80,000
1985	10,000	-	10,000	20,000
Total 1983-1985	145,000	20,000	60,000	225,000

II Objectives

The long-term objective of the project is to help interested Governments of Mediterranean Coastal States in resolving the problems of water supply on their islands and in coastal areas lacking fresh water.

The immediate objective of the project is to analyse existing modes of watersupply; to compile and appraise all available data on the subject; and to provide interested Governments with adequate methodology in planning and selecting the most appropriate ways of supplying Mediterranean islands and coastal zones with fresh water, in consistency with types of consumers (tourism, agriculture, households, industry, etc.).

III Workplan

The project will be carried out in three phases:

1. Preparatory phase which will include:

- a) Consultation with all National Focal Points for PAP and national institutions, relevant UN agencies and international organizations on their interest in

participating in this project.

- b) Formulation and signing of project document.
 - c) Recruitment of up to 4 consultants for a fact-finding mission to those Mediterranean countries where water supply of islands and water deficient coastal areas is the major constraint to development. These consultants will be also included in the work of the subsequent phase.
2. Second phase of work which will include:
- a) Selection of professional institution(s) which will, together with the consultants (Preparatory phase, item c), work in the second phase.
 - b) Review of technical solutions,, technologies and economic parametres relative to existing watersupply systems.
 - c) Cost-benefit analysis of existing watersupply systems.
 - d) Identification of criteria necessary for selecting the most appropriate ways of water supply.
 - e) Preparation of report on the results of the first and the second phase.
3. Expert Meeting to review and discuss results of the preceding two phases and appraise the applicability of proposed solutions.
4. Publication and dissemination of final report containing results of the preceding stages.
- Preparation by the consultants and translation to the other language of the Meeting (English or French) of the final report, which will also contain a special chapter

in the form of guidelines and recommendations.

- Dissemination of the final report to all Mediterranean countries.

IV Outputs

1. Report on the results of the first and second phase.
2. Final report following conclusions of the Expert Meeting, containing results of both phases of work and a special chapter in the form of guidelines and recommendations.

V Time Table

- | | |
|---|----------------------------------|
| 1. Preparatory phase | March - June 1983 |
| 2. Second phase | July 1983 - March 1984 |
| 3. Expert Meeting | October 1984 |
| 4. Publication and dissemination
of final report | November 1984 -
February 1985 |

VI Budget

	MTF	PAP/RAC	Countries & Agencies	Total
1. <u>Preparatory phase</u>				
a) and				
b) Consultation and formulation of project docum.	3,000	5,000	-	7,000
c) Recruitment of consultants and mission	38,000	15,000	20,000	73,000
2. <u>Second phase</u>				
a) Selection of professional institution(s)	1,000	1,000	-	2,000

	MTF	PAP/RAC	Countries & Agencies	Total
b) Review of techn. solutions	14,000	4,000	-	18,000
c) Cost-benefit analysis	19,000	5,000	-	24,000
Total in 1983	75,000	30,000	20,000	125,000
d) Identification of criteria	8,000	2,000	-	10,000
e) Preparation of report	12,000	3,000	-	15,000
3. <u>Expert Meeting</u>	40,000	15,000	-	55,000
Total in 1984	60,000	20,000	-	80,000
4. <u>Publication and dissemination of final report</u>	10,000	10,000	-	20,000
Total in 1985	10,000	10,000	-	20,000
GRAND TOTAL 1983-1985	145,000	60,000	20,000	225,000

Mediterranean countries and relevant UN agencies were informed on the project. Yugoslavia, Cyprus and Egypt expressed their interest in the subject, as well as UNESCO and IMO. Several other Mediterranean countries did the same at the First Meeting of the National Focal Points for PAP.

IDENTIFICATION OF TYPES AND CAPACITIES OF TOURISM
DEVELOPMENTS RECONCILED WITH THE MEDITERRANEAN ENVIRONMENT

I Cost of Project (in US \$)

	MTF	PAP/RAC	Countries & Agencies	Total
1983	15,000	5,000	-	20,000
1984	40,000	10,000	36,000	86,000
1985	80,000	20,000	-	100,000
GRAND TOTAL 1983-85	135,000	35,000	36,000	206,000

II Objectives

The aim of this project is to identify, through the compilation of available knowledge on the development and use of tourist buildings and/or tourist resorts, some basic parameters which would help in making decisions on planning and construction of tourist developments. Special attention will be rendered to the formulation of recommendations and standards which would ensure the reconciliation of planned tourist development with physical, social and ecological carrying capacities and socio-economic, cultural and physical environments where tourist development takes place, spared from undesirable detrimental effects.

Thus, the purpose of this project is to identify, through the appraisal of several typical examples of tourist development, types and capacities, their relation to the environment, as well as their positive or negative social, economic and environmental impacts.

Therein, the following have to be identified in particular:

Within socio-economic considerations

- relation between economic benefits and social changes, also meaning, identification of impacts of tourism on migrations of population and man power towards the coast; saturation of coastal areas by visitors; ratio of tourists to residents; change of population structure dependent on location and type of jobs; relationship between investment employed in the construction of tourist resorts and employment generated by tourism; occupancy rates of tourist buildings and facilities; economic benefits and the balance (or imbalance) between tourist industry and other economic activities, etc.

Comparison of these indicators when obtained for several specific types will lead to the knowledge on socio-economic effects derived from tourism, and on the degree of justifiability of existing hotels and complexes with reference to their typology, capacity and location.

Within environmental considerations

- relationship between constructed hotels and/or resorts and the coastal, infrastructure and transport capacities, capacities of watersupply systems and those of solid and liquid wastes collection and disposal; development density; and ratio of open to built-up areas.

These indicators will in turn enable identification of the degree of consistency of new hotels with traditional structures, from the aspect of physical, architectural and landscape requirements.

Within socio-cultural considerations

- changes in traditional life styles and traditional activities, arts and crafts; level of economic development and cultural identity;

- impacts of tourist industry on issues such as urban and rural heritage; balance between natural and man-made values; traditional building elements necessitated by climate, patterns, culture, etc.

These indicators which will be discussed and presented at a Seminar will enable the formulation of basic guidelines for ways and methods of defining the optimum size, type and structure of planned tourist developments which will be harmonized with the environmental capacity and requirements while being economically justifiable.

III Workplan

- a) Consultations, formulation and signing of project document.
- b) Contacts with the PAP National Focal Points with a view to obtaining proposals concerning existing tourist resorts in the Mediterranean to be appraised through this project.
- c) Recruitment of 4 consultants (architect-planner, economist, sociologist and landscape architect) who will be asked to:
 - i prepare "table of indicators" for the compilation of information;
 - ii select typical tourist resort as demonstration site(s);
 - iii recommend modes of presenting the selected types of tourist development at the Seminar;
 - iv come into contact (mission) with planners, architects and managers of hotels; collect information and fill in the table of indicators;
 - v sort out and process collected information and table of indicators.

- d) Preparation of material for presentation by national experts (planners and managers) containing maps, lay-outs, graphs and textual explanation for each individual example selected for the Seminar.
- e) Preparation of the report which will be the basis for the Seminar. The report will be prepared by consultants following compilation of information, processing of the table of indicators and selection of the presentation material.
- f) Seminar
- g) Preparation of the final report in the form of guidelines on planning, designing, construction and management of tourist buildings and resorts, which will be reconciled with the requirements of environmental protection and improvement.
- h) Translation, publication and dissemination of the final report.

IV Outputs

- Table of indicators containing information on selected tourist buildings, complexes and/or zones.
- Report on impacts of tourist developments selected for demonstration on socio-economic, physical and socio-cultural environments.
- Final report in the form of guidelines for planning, designing and management of tourist resorts in the Mediterranean.

V Time Table

- | | | |
|----|--|-----------------------------|
| a) | Formulation and signing of project document | July 1983 |
| b) | Contacts with PAP National Focal Points | July-September 1983 |
| c) | Recruitment of consultants to prepare: | |
| | i table of indicators | |
| | ii selection of tourist resorts for appraisal | |
| | iii define modes of presentation | October-December 1983 |
| | iv fact-finding mission | January-March 1984 |
| | v process the information | March-June 1984 |
| d) | Basic data on selected tourist resorts for presentation at the Seminar | March-June 1984 |
| e) | Preparation of the report for the Seminar | September 1984 - March 1985 |
| f) | Seminar | April 1985 |
| g) | Preparation of the final report | June-September 1985 |
| h) | Translation, publication and dissemination of the final report | October-December 1985 |

VI Budget

	MTF	PAP/RAC	Countries & Agencies	Total
a) Formulation and signing of project document	-	1,000	-	1,000
b) Contacts with F.P.	3,000	1,000	-	4,000
c) Recruitment of consultants; briefing and preparation of table of indicators; selection of resorts				
Defining modes of presentation for the Seminar	12,000	3,000	-	15,000
Total in 1983	15,000	5,000	-	20,000
Mission	26,000	5,000	-	31,000
Processing of information	14,000	2,000	-	16,000
d) Basic data prepared by national experts	-	3,000	36,000	39,000
Total in 1984	40,000	10,000	36,000	86,000
e) Preparation of report	20,000	4,000	-	24,000
f) Seminar	34,000	12,000	-	36,000
g) Preparation of final report	20,000	4,000	-	24,000
h) Translation, publication and dissem. of the final report	6,000	3,000	-	9,000
Total in 1985	80,000	23,000	-	103,000
GRAND TOTAL 1983-1985	135,000	38,000	36,000	209,000

Interest for the participation in this project was expressed by WTO and UNEP - Industry and Environment Office. Also, discussions at the First Meeting of the National Focal Points for PAP indicated the interest of a number of Mediterranean countries for the project.

REGIONAL PROJECT ON SOIL PROTECTION

I Cost of Project (in US \$)

	MTF	PAP/RAC	Total
1983	30,000	13,000	43,000
1984	70,000	45,000	115,000
1985	70,000	40,000	110,000
GRAND TOTAL 1983-1985	170,000	98,000	268,000

II Objectives

The objectives of this project are to identify and recommend the methods and measures to encourage the ongoing efforts and to enable a more intensive development of all Mediterranean countries without adverse effects the development could generate in the field of preservation and protection of soils. It is, therefore, necessary to establish the balance between the needs and demands of development on one hand, and the capacity and potentials of the environment on the other, keeping in mind possible regeneration of soil and vegetation on abandoned agricultural areas, coastal erosion and protection of high-quality arable land in the vicinity of large cities.

III Workplan

Activities within this project will be carried out in two phases.

a) Preparatory phase

1. Consultation with PAP National Focal Points, national institutions, relevant UN agencies, and international organizations on the formulation of project document and compilation of information on activities that have been carried out in the field

of soil protection.

2. Recruitment of six consultants (three from the Northern and three from the Southern Mediterranean) who will be asked to prepare position papers on three group of subjects: coastal erosion, reuse of abandoned agricultural land, and protection of high-quality arable land in the vicinity of large cities.

b) Second phase

3. Bilingual (English/French) four-day Workshops on each group of subjects. All Mediterranean countries will be invited to send up to two experts. Each Workshop will consider the relevant papers prepared by the consultants, and will make amendments and modifications to enable the formulation of recommendations.
4. Preparation of Proceedings of each Workshop, which will contain papers prepared by consultants, discussions at the Workshop and recommendations.
5. Preparation of final report on the three Workshop Proceedings; translation and publication of the report in the form of recommendations.

IV Outputs

- Position papers by consultants.
- Three Workshop Proceedings containing results of the Workshops.
- Final report based on Workshop Proceedings.

V Time Table

1. Consultation and formulation of project document; compilation of information

April-July 1983

2. Recruitment of consultants and preparation of position papers August 1983 - March 1984
- 3a Workshop May 1984
- 3b Workshop September 1984
- 3c Workshop March 1985
5. Preparation of final report; publication and dissemination April-October 1985

VI Budget

	MTF	PAP/RAC	Total
1. Consultation, formulation of project docum. and compilation of information	8,000	5,000	13,000
2 Preparation of position papers	22,000	8,000	30,000
Total in 1983	30,000	13,000	43,000
2. Preparation of position papers	25,000	15,000	40,000
3a and 3b Two Workshops	45,000	30,000	75,000
Total in 1984	70,000	45,000	115,000
3c Workshop	20,000	15,000	35,000
5. Preparation of final report	40,000	15,000	55,000
Publication and dissemination of the report	10,000	10,000	20,000
Total in 1985	70,000	40,000	110,000
GRAND TOTAL 1983-1985	170,000	98,000	268,000

WORKSHOP ON HOUSING HYGIENE IN MEDITERRANEAN COUNTRIES

I Cost of Workshop (in US \$)

	MTF	WHO	Yugoslavia	Total
Workshop	10,000	15,400	10,000	35,400

II Background Information

This Workshop will be organized by WHO - Regional Office for Europe and PAP/RAC, supported by Yugoslav authorities. The Workshop has been planned as the part of WHO/EURO activities, with specific reference to the problems of Mediterranean countries and Southern Europe. Since WHO/EURO does not cover all Mediterranean countries, the Meeting of National Focal Points for PAP (Split, 6-8 December 1982) proposed that the participation of all Mediterranean countries be ensured in the Workshop, and in the proposed budget for 1983 envisaged allocations for their participation.

III Scope and Purpose of the Workshop

The scope of this Workshop will be housing hygiene problems and public health aspects of human settlement development in Mediterranean and Balkan countries, their specific aspects being mild climate, importance of historical old city centres, demographic growth of coastal settlements, middle-income level of economic development, and still noticeable morbidity from communicable diseases.

The meeting will review housing hygiene problems relating to space and density, stability and quality of structure, domestic accidents prevention, sanitary equipment of dwellings, heating, ventilation and insulation, insulation against noise, toxic effects from building materials, vermin control, slum eradication, and old houses rehabilitation.

The meeting will review the present housing situation in the Mediterranean Riparian countries, and will draw attention to the basic principles of housing hygiene, housing quality improvement, and sanitary inspection of dwellings, in relation to the economic conditions prevailing in countries classified as "Middle Income" by the World Bank economists.

The purpose of the Workshop will be to refresh knowledge and up date basic criteria of a "healthful dwelling", and to identify Mediterranean priorities related to housing such as rehabilitation of sub-standard dwellings, restoration of old city historical centres, improvement of the sanitary equipment of dwellings, and control of slums.

IV Provisional Agenda

The Workshop will discuss the following items:

1. Review of the main diseases connected with poor housing conditions and the present epidemiological situation in Mediterranean countries.
2. Housing hygiene requirements for the prevention of all types of domestic accidents: safety in the kitchen, of heating devices, staircases and balconies, furniture, domestic products used at home, and paints, etc.
3. Housing hygiene requirements for the prevention of enteric diseases - sanitary equipment of dwellings.
4. Housing hygiene requirements for the prevention of respiratory diseases: indoor climate and indoor air quality, sunshine, ventilation, heating, and natural climatisation.

5. Housing hygiene requirements in connection with mental stress and other disease prevention: space and density; distribution of space and privacy; noise control; lighting; etc.
6. The function of dwellings as shelters: stability and quality of outfits; protection against meteorological factors; anti-seismic building principles.
7. Sanitary inspection of dwellings, control of insects and rodents, the role of the Environmental Health officer. Sanitary licensing of new housing construction, the role of the Health Services.
8. Control of slums, prevention or improvement of shantytowns, upgrading and rehabilitation of old housing.

V Organization of the Workshop

The Workshop will be held in Split in late Spring 1983, and will last five days. The meeting will be bilingual English/French, with simultaneous interpretation.

WHO/EURO will recruit lecturers to prepare lectures on the subjects indicated in the Provisional Agenda.

WHO and PAP/RAC will invite Mediterranean countries to send up to 3 participants to participate in the Workshop.

The lectures, conclusions and recommendations of the Workshop will form the Workshop Proceedings.

VI Budget

	MTF	Yugoslavia	WHO	Total
1. Organization of the Workshop	-	-	15,400	15,400
2. Workshop facilities (premises and simult.interpret.)	-	10,000	-	10,000
3. Participation in the Workshop by Mediterranean countries	10,000	-	-	10,000
Total in 1983	10,000	10,000	15,400	35,400

RENEWABLE SOURCES OF ENERGY

I Cost of Project (in US \$)

	MTF	PAP/RAC	Total
1983	5,000	3,000	8,000
1984	15,000	6,000	21,000
1985	35,000	6,000	41,000

II Background Information

Preparatory activities that were to lead to a regional project on renewable sources of energy had been organized by UNDP/UNEP Coordinating Unit in course of 1978. Following these activities, the regional project commenced. However, since UNDP was unable to finance it in a foreseeable future, the project has not been further developed.

Aware of the importance of the renewable sources of energy, the First Meeting of PAP National Focal Points recommended that relevant activities be organized to enable the participation of all Mediterranean countries, and proposed certain allocations in the budget to be ensured for the purpose.

III Objectives

The purpose of this project is to identify key national projects in the field of renewable sources of energy and to enable interested Mediterranean countries to update their knowledge on recent achievements in the domain.

IV Workplan

Within this project suitable key project(s) will be selected as training sites and a Workshop will be convened with a view to enabling exchange of experiences on renewable sources of

energy. The activities envisaged in the project are as follows:

- a) Consultation with National Focal Points and formulation of project document.
- b) Recruitment of two consultants to prepare basic papers for the Workshop.
- c) Bilingual (English/French) Workshop on the use of solar energy.
- d) Selection of project(s) to serve as training sites.
- e) Preparation of Workshop Proceedings which will contain basic papers prepared by consultants, discussions at the Workshop and recommendations.
- f) Translation (English or French), publication and dissemination of Workshop Proceedings.
- g) On job training.

V Outputs

- Workshop Proceedings containing basic papers, review of recent achievements on the use of solar energy, Workshop discussions, conclusions and recommendations.

VI Time Table

- | | | |
|----|--|---------------------------|
| 1. | Consultation and formulation of project document | March-May 1983 |
| 2. | Recruitment of 2 consultants and preparation of basic papers | October 1983 - March 1984 |
| 3. | Workshop | November 1984 |
| 4. | Selection of project(s) to serve as training sites | December 1984 |
| 5. | Preparation of Workshop Proceedings | January-March 1985 |
| 6. | Translation, publication and dissemination of Proceedings | March-April 1985 |
| 7. | On job training | January-July 1985 |

VII Budget

	MTF	PAP/RAC	Total
1. Consultation and preparation of project document	-	1,500	1,500
2. Recruitment of 2 consultants and preparation of basic papers	5,000	1,500	6,500
Total in 1983	5,000	3,000	8,000
2a Preparation of basic papers	2,000	1,000	3,000
3. Workshop	13,000	5,000	18,000
Total in 1984	15,000	6,000	21,000
4. Preparation of Workshop Proceedings	10,000	3,000	13,000
5. Translation, public. and dissemination of Proceedings	5,000	3,000	8,000
6. Fellowships	20,000	-	20,000
Total in 1985	35,000	6,000	41,000
GRAND TOTAL 1983-1985	55,000	15,000	70,000

AQUACULTURE

I Cost of Project (in US \$)

	MTF	PAP/RAC	Total
1983	5,000	4,500	9,500
1984	15,000	15,000	30,000
1985	35,000	17,500	34,500
GRAND TOTAL 1983-1985	55,000	37,000	92,000

II Background Information

The 1977 Meeting held in Split, having defined the Priority Actions Programme, proposed that immediate action be organized in the field of aquaculture. In consistency with this proposal, which was confirmed by the Intergovernmental Meeting held in Monaco in 1978, UNDP and FAO jointly organized a fact-finding mission to all Mediterranean countries. The result of the mission was a regional project (MEDRAP) financed by UNDP, wherein a number of Mediterranean countries have taken part.

Bearing in mind the importance of this field of action, the First Meeting of National Focal Points for PAP recommended that key national projects on aquaculture be identified in the Mediterranean, and that, in addition to the afore-mentioned project (MEDRAP), activities be organized which would enable the participation of all interested Mediterranean countries. The Meeting proposed for the purpose certain allocations to be ensured in the budget.

III Objectives

The objectives of this project are to enable interested Mediterranean experts in the field of aquaculture to exchange the most recent achievements in resolving the problems appearing in

the domain of aquaculture, with a view to intensifying the development of this branch of economy, and to identifying the most suitable projects which could be used for on job training.

III Workplan

This project includes organization of two round-table discussions on the problems encountered in the field of aquaculture and on the ways of their resolution. The first discussion will be on the problems concerning controlled reproduction, nourishment and pathology, whereas the subjects of the second round-table discussion will be identified at the first meeting.

For each meeting PAP/RAC will engage two consultants to prepare the basic document containing subjects of the meeting. The meeting will select suitable project(s) to serve as training site(s).

IV Outputs

- Meeting Proceedings containing the basic document with a summary of discussions, as well as recommendations.

V Time Table

- | | | |
|----|---|-------------------------|
| 1. | Formulation of project document and consultation with PAP National Focal Points | April-June 1983 |
| 2. | Preparation of the basic document | September-November 1983 |
| 3. | Bilingual round-table discuss. (English/French) | February 1984 |
| 4. | Meeting Proceedings | March-May 1984 |
| 5. | Selection of project(s) for on job training | May 1984 |

6. Preparation of the basic document for the 1985 meeting January-February 1985
7. Bilingual round-table discuss. May 1985
8. On job training May-October 1985
9. Meeting Proceedings June-September 1985

VI Budget

	MTF	PAP/RAC	Total
1. Formulation of project document and consultation	1,000	1,500	2,500
2. Preparation of the basic document	4,000	3,000	7,000
Total in 1983	5,000	4,500	9,500
3. Round-table disc.	15,000	10,000	25,000
4. Meeting Proceedings		5,000	5,000
Total in 1984	15,000	15,000	30,000
5. Preparation of the basic document	6,000	3,500	9,500
6. Round-table disc.	15,000	10,000	25,000
7. Meeting Proceedings	2,000	4,000	6,000
8. Fellowships for the training	12,000	-	12,000
Total in 1985	35,000	17,500	34,500
GRAND TOTAL 1983-1985	55,000	37,000	92,000

APPROPRIATE TECHNOLOGY FOR LIQUID AND SOLID WASTES
COLLECTION AND DISPOSAL IN MEDITERRANEAN HUMAN SETTLEMENTS

I Cost of Project (in US \$)

	MTF	PAP/RAC	Countries & Agencies	Total
1983	20,000	5,000	10,000	35,000
1984	20,000	5,000	10,000	35,000
1985	-	5,000	20,000	25,000
GRAND TOTAL 1983-1985	40,000	15,000	40,000	95,000

II Objectives

This project will produce detailed guidelines and recommendations about appropriate technology for solid and liquid wastes disposal, on the basis of existing knowledge and experience, adequate for specific conditions in the Mediterranean area. Special attention will be given to protect coastal waters and coastal land against environmental damages resulting from improper liquid and solid wastes disposal in riparian countries, as well as to promote efficient and economic wastes disposal technology the best fitted for Mediterranean settlements' technical capabilities for proper operation and maintenance.

III Workplan

- a) Consultations, formulation and signing of project document.
- b) Recruitment of consultants from Mediterranean countries.
- c) Preparation of 2 reports by the consultants:
 - i Design criteria and appropriate technology

for garbage collection, transportation and disposal with special attention to processes such as composting or sanitary land-filling.

- ii Design criteria and appropriate technology for sewer networks considering construction, operation and maintenance, re-use of treated wastewater and impact of storm water damage problems.
- c) Organization of the working group of Mediterranean experts to review the guidelines and criteria.
- d) Translation, reproduction and dissemination of the report containing guidelines and criteria.

IV Outputs

- Report containing guidelines and recommendations for solid and liquid wastes collection and disposal in Mediterranean human settlements.

V Time Table

- a) Consultations and signing of project document April-May 1983
- b) Recruitment of consultants to prepare the report on solid waste collection and disposal June 1983
- c) Preparation of the report on solid wastes July-December 1983
- d) Recruitment of consultants to prepare the report on liquid waste collection and disposal January-February 1984

- e) Preparation of the report on liquid waste March-August 1984
- f) Review of the reports by the working groups January 1985
- g) Translation, reproduction and dissemination of the report containing guidelines and criteria. February-May 1985

VI Budget

	MTF	PAP/RAC	Countries & Agencies	Total
a) Consultation, formulation and signing of project document	2,000	1,000	-	3,000
b) Recruitment of consultants and prepar. of the rep. on solid waste	18,000	4,000	10,000	32,000
Total in 1983	20,000	5,000	10,000	35,000
c) Recruit.of consult. and preparation of report on liquid waste	18,000	4,000	10,000	32,000
d) Preparation of the working group meeting	2,000	1,000	-	3,000
Total in 1984	20,000	5,000	10,000	35,000
e) Meeting of the working group	-	5,000	20,000	25,000
Total in 1985	-	5,000	20,000	25,000
GRAND TOTAL	40,000	15,000	40,000	95,000

This project was proposed and prepared by WHO/EURO which is willing to participate in its implementation.

PAP ACTIVITIES - BAR CHART

Project	1983												1984												1985																																														
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12																																			
Compendium	*	=	=	=	=	=	=	=	=	=	=	+												+																																															
Water resources	*	*	*	*	*	*	*	*	*	*	*	=	=	=	=	=	=	=	=	=	=	=	=	EM	+	+	+	+	+	+	+	+	+	+	+																																				
Coastal Planning	*	*	*	*	*	*	*	*	*	*	*	W	+	+	+	+	+	+	+	+	+	+	+	+																																															
Reconstruct.of settl.	*	=	=	=	=	=	=	=	=	=	=	O	O	O	O	O	O	O	O	O	O	O	O	S	+	+	+	+	+	+	+	+	+	+	+																																				
Earthquake zones	*	*										=	=	=	=	=	=	=	=	=	=	=	=	EM	+	+	+	+	+	+	+	+	+	+	+																																				
Housing Hygiene												W																																																											
Solid and liquid wastes	*	*	*	*	*	*	*	*	*	*	*	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	EMH	+	+	+	+	+	+	+	+	+	+	+																								
Soil protection	*	*	*	*	*	*	*	*	*	*	*	=	=	=	=	=	=	=	=	=	=	=	=	W												W	+	+	+	+	+	+	+	+	+	+	+																								
Tourism												*	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	S	+	+	+	+	+	+	+	+	+	+	+												
Aquaculture	*	*	*									=	=	=	=	=	=	=	=	=	=	=	=	RT	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	RT	+	+	+	+	+	+	+	+	+	+	+
Energy	*	*	*									=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	W	+	+	+	+	+	+	+	+	+	+	+

*** Consultation and preparation of project document
 = Work on the project
 +++ Preparation of final documents
 ooo Technical assistance
 EM Expert Meeting
 W Workshop
 S Seminar
 RT Round table discussion

ANNEX I

BUDGET FOR PRIORITY ACTIONS PROGRAMME /1983-1985/

	1983		1984		1985		Total 1983-1985
	Approved UNEP/IG.36/8	Revised	Proposed	Proposed	Proposed	Proposed	
- Coordination including meeting of Focal Points in 1984	60,000	70,000	80,000	80,000	80,000	80,000	230,000
Compendium		30,000	10,000	10,000	10,000	10,000	50,000
- Water resources mgt.	80,000	75,000	60,000	60,000	10,000	10,000	145,000
- Human settlements: Review and analysis of methods and tools used in current projects on integrated planning and management of Mediterranean coastal zones				30,000	30,000	30,000	125,000
Rehabilitation and re-construction of coastal historic settlements and centres		35,000	50,000	50,000	70,000	70,000	155,000

/....

	1983	1984	1985	Total 1983-1985
Approved UNEP/IG.36/8				
Revised				
Proposed				
Proposed				

A possible approach to the priority action on physical planning in earthquake zones

20,000	40,000	30,000	90,000
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Support for participation in WHO Workshop on housing hygiene in Mediterranean countries

10,000	-	-	10,000
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Solid and liquid waste

20,000	20,000	-	40,000
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Soil protection

40,000	30,000	70,000	90,000	190,000
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Tourism:

100,000

A possible approach to the development of the priority action on tourism

15,000	40,000	80,000	135,000
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Aquaculture

-	5,000	15,000	35,000	55,000
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Renewable sources of energy

-	5,000	15,000	35,000	55,000
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380,000	380,000	430,000	470,000	1,280,000
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