



United Nations
Environment
Programme



Distr.
RESTRICTED

UNEP/WG.125/10
30 December 1985

Original: ENGLISH

Meeting of Experts of the Technical Implementation
of the Protocol for the Protection of the
Mediterranean Sea against Pollution from
Land-based Sources

Athens, 9-13 December 1985



REPORT OF THE MEETING OF EXPERTS OF THE
TECHNICAL IMPLEMENTATION OF THE PROTOCOL FOR THE
PROTECTION OF THE MEDITERRANEAN SEA AGAINST POLLUTION
FROM LAND-BASED SOURCES

TABLE OF CONTENTS

	pages
Main body of the Report	1 - 7
Annex I : List of Participants	
Annex II : Agenda	
Annex III : List of documents	
Annex IV : General Guidelines for the Development of Programmes and Measures for the Implementation of the Protocol	
Annex V : Guidelines for the Elimination of Pollution from Land-based Sources, in Terms of Article 5, by Substances Listed in Annex I to the Protocol	
Annex VI : Guidelines for Limiting Pollution from Land-based Sources, in Terms of Article 6, by Substances or Sources Listed in Annex II to the Protocol	
Annex VII : Land-based Sources Protocol Implementation Workplan and Budget for 1986	
Annex VIII : Indicative Workplan and Timetable for the Formulation of Programmes and Measures in Terms of Articles 4,5,6,7 and 13 of the Protocol from 1988 to 1995	

Introduction

1. The Contracting Parties to the Convention for the Protection of the Mediterranean Sea against Pollution and its related Protocols decided at their Third Ordinary Meeting (Dubrovnik, 28 February-9 March 1983) to convene in 1983 a meeting of experts to elaborate the technical aspects of the provisions of the Protocol for the Protection of the Mediterranean Sea against Pollution from Land-based Sources, (UNEP/IG.43/6, para 87). The meeting had to be postponed for technical reasons. The decision to convene it was confirmed by the Contracting Parties at their Extraordinary Meeting (Athens, 10-13 April 1984) (UNEP/IG. 49/6, para 58).

2. In accordance with these decisions, the Co-ordinating Unit for the Mediterranean Action Plan convened a Meeting of Experts of the Technical Implementation of the said Protocol, at its seat in Athens from 9 to 13 December 1985. All Mediterranean States and the EEC were invited to nominate experts to participate at the meeting. Representatives of the Cooperating Agencies, Food and Agriculture Organisation of the United Nations (FAO), World Health Organisation (WHO), World Meteorological Organisation (WMO), Intergovernmental Oceanographic Commission (IOC), United Nations Educational, Scientific and Cultural Organisation (UNESCO), International Atomic Energy Agency (IAEA), United Nations Industrial Development Organisation (UNIDO) and the United Nations Economic Commission for Europe (ECE) were also invited, as well as Regional Activity Centres of the Mediterranean Action Plan (BP/RAC, PAP/RAC, ROCC, SPA/RAC).

3. The meeting was attended by 18 experts designated by 14 Mediterranean States and the EEC, 6 representatives of 5 United Nations Specialized Agencies and 2 from 2 MAP Regional Activity Centres. A list of participants is attached as Annex I to this report.

Agenda item 1. Opening of the Meeting

4. The meeting was opened by Mr. Aldo Manos, Co-ordinator of the Mediterranean Action Plan, who welcomed participants on behalf of the Executive Director of UNEP, Dr. Mostafa K. Tolba. He described the present meeting as essential for the implementation of the Protocol and explained its postponement as solely due to the lengthy preparations involved. He reminded participants that at the Fourth Meeting of the Contracting Parties (Genoa, 9-13 September 1985), it was agreed that early implementation of the Protocol is a single most important contribution to the control of the pollutants entering the Mediterranean Sea. He informed the meeting that the financial situation of the Mediterranean Action Plan was currently very satisfactory and also that the institutional support for preparation of necessary programmes and measures for the Protocol's implementation was excellent both from the side of structures within the Action Plan and that of the Cooperating Agencies.

5. The participation of Mediterranean States was, however, essential. So far only 9 ratifications had been obtained. It was extremely important that other countries ratified the protocol as soon as possible.

6. As the Genoa meeting had given no indications of expenses in connection with the Protocol's implementation, the proposals of the present meeting regarding the 1986-1987 biennium would be submitted to the Bureau of the Contracting Parties for approval of transfer of unspent funds from 1985. Such transfer would have no repercussions on any component of the Action Plan.

7. In view of the 10th Anniversary of the adoption of the Action Plan, a special exhibition would be inaugurated during the period of the meeting, by the Greek Minister of Environment, Physical Planning and Public Works, H.E. Mr. E. Couloubis.

8. Mr. S. Keckes briefly outlined the history of the Protocol, which has been signed after protracted negotiations. He noted with satisfaction that whereas in the past, Mediterranean States considered its implementation as unrealistic because of the high costs involved, the present trend showed a strong conviction that implementation was essential. This situation was not wholly attributable to the Mediterranean Action Plan, but the Plan had certainly created the climate for change. He expressed the hope that rational and applicable programmes and measures would eventually emerge.

9. Representatives of six countries informed the meeting that the necessary internal procedures for eventual ratification of the Protocol were under way, and it was hoped that the relative instruments would be deposited within a short period.

Agenda item 2. Rules of Procedure

10. Mr. A. Manos informed the meeting that the Rules of Procedure for the Meetings and Conferences of the Contracting Parties to the Convention for the Protection of the Mediterranean Sea and its related Protocols (UNEP/IG. 43/6, Annex XI) would apply mutatis mutandis to the present meeting.

Agenda item 3. Election of Officers

11. The meeting unanimously elected the following officers:

Chairman	: Mr. Turgut Balkas	(Turkey)
Vice-Chairmen	: Mr. René Bremond	(France)
	: Mr. Yusef I. Elmehrik	(Libyan Arab Jamahiriya)
Rapporteur	: Ms. Athena Mourmouris	(Greece)

Agenda item 4. Adoption of agenda

12. The meeting adopted the agenda which appears in Annex II to this report. Documents which were available to the meeting are listed in Annex III.

Agenda item 5. Organisation of work

13. The meeting agreed to work only in plenary sessions with the proviso that ad hoc working groups or drafting committees would be formed by the Bureau in consultation with the Secretariat if any special matter so required.

Agenda item 6. General principles for the progressive implementation of the Protocol

14. The Secretariat introduced documents UNEP/WG.125/3 and UNEP/WG.125/3, Add. 1 which contained proposals for general principles for the development of draft programmes and measures for progressive implementation of the Protocol together with the draft workplan and time-table for development of such drafts over the next 10 years, and a proposed budget for the period 1986-1987. The Secretariat was aiming at the preparation of programmes and measures regarding all substances in Annexes I and II of the Protocol by the year 1995 and to facilitate their implementation by the year 2000.

15. The meeting had a comprehensive discussion on the above document during which the following main conclusions were reached:

- It was important that the development of draft programmes and measures should follow the recommendations made by the Contracting Parties at their Fourth Ordinary Meeting in Genoa (9-13 September 1985) (UNEP/IG.56/5, page 32, section 3).
- In the development of such programmes and measures, it would be necessary to replace the term "principles" by "guidelines", and "directives" in the French text by "recommendations".
- Although a long-term workplan, as produced by the Secretariat was advisable, it would be more practical to recommend the adoption of the 1986-1987 component, in detail, and to consider the rest as indicative, subject to review.

16. The meeting agreed on a set of guidelines for the development of programmes and measures for the implementation of the Protocol. These guidelines are given in Annex IV to this report.

17. The meeting decided to discuss the workplan, timetable and budgetary provisions for proposed actions during the course of the appropriate agenda items (7,8 and 9). The actions for the 1986-1987 biennium, as agreed to by the meeting, are contained in Annex VII and the indicative list of activities from 1988 to 1995 is contained in Annex VIII.

18. The meeting took note of the proposed budgetary requirements for the implementation of the programmes and measures agreed upon for 1986-1987, as presented in UNEP/WG.125/3 Add.1 and was informed of the intention of the Secretariat to seek the authorization of the Bureau of the Contracting Parties to utilize unspent 1985 funds for the activities listed in Annex VII.

Agenda item 7. Proposals for the elaboration of programmes and measures for the elimination of pollution from land-based sources by substances listed in Annex I (Article 5)

19. The Secretariat introduced document UNEP/WG.125/4 which contained proposal for the development of programmes and measures for the elimination of pollution from land-based sources in terms of Article 5 by substances listed in Annex I to the Protocol.

20. The meeting discussed the above document, together with the corresponding workplan, time-table and budgetary provisions. It was noted by the meeting that the proposed actions were in conformity with the recommendations of the Contracting Parties (Genoa, 1985) that (a) programme and measures dealing with Annex I substances and item 8 of Annex II to the Protocol (Pathogenic microorganisms) would be accorded priority, and (b) that at least two substances per year should be tackled. The relative priority accorded to each substance within this overall framework was discussed, as well as the possibility of being able to deal with more than two substances per year after the 1986-1987 biennium.

21. The meeting agreed on a set of guidelines for the development of programmes and measures regarding Annex I substances which are given in Annex V to this report. In this context it was understood that in the preparation of assessments the sections dealing with sources of pollution would also take into account quantitative information on production as well as on utilization, whenever necessary and possible.

22. The workplan and time-table for the activities regarding Annex I substances to be conducted during 1986-1987, as finally agreed to by the meeting, is incorporated in the workplan and time-table in Annex VII to this report. The indicative list of corresponding activities from 1988 to 1995 is incorporated in Annex VIII to this report.

23. The meeting took note of document UNEP/WG.125/9 (draft glossary of terms) and agreed that in the final draft version to be prepared by the Secretariat, the text of the Protocol should also be taken into account, sources of definitions should be included and fullest possible use be made of definitions already existing in national legislation and in other legal instruments relevant to the Mediterranean.

Agenda item 8. Proposals for the elaboration of programmes and measures for limiting pollution from land-based sources by substances or sources listed in Annex II (Article 6)

24. The Secretariat introduced (a) document UNEP/WG.125/5, which contained proposals for the development of programmes and measures for limiting pollution from land-based sources in terms of Article 6, by substances or sources listed in Annex II to the Protocol, and (b) document UNEP/WG. 125/7, which consisted in draft guidelines for the issue of authorizations for the discharge of liquid wastes into the Mediterranean.

25. The meeting discussed the proposals concerning Annex II substances, and clarifications were provided to parts of the relevant document. The meeting noted that under the terms of the Protocol, an authorization was required for both Annex II substances and substances in Annex I in quantities or concentrations below the limits to be jointly agreed on by the Contracting Parties. Various representatives stressed the practical difficulties connected with the imposition of authorizations for discharge, especially in the case of already-existing installations, and it was suggested that where appropriate, authorizations would be granted on a conditional basis until such time as the information necessary for firm authorization was available.

26. The meeting also agreed that in the case of a number of Annex II substances or sources of pollution, the assessment made could very well result in no need for any measures, for the time being, and this should be kept in mind when preparing an assessment.

27. During the discussion of the draft guidelines for the issue of authorizations for the discharge of liquid wastes into the Mediterranean, a number of representatives stressed the need for very careful examination of the document, which required time to complete. It was pointed out that practical problems would prevent the imposition of authorizations for discharges at the present time. Problems could also arise in countries where procedures for authorization which were not necessarily identical with those in the guidelines already existed.

28. The meeting agreed that the following procedures would be observed.

- (a) Countries would send comments on the draft forms (Annexes I and II to document UNEP/WG. 125/7) to the Secretariat by the end of February 1986.
- (b) On the basis of such comments, the Secretariat would prepare a simplified version of both forms and submit these to the WGSTC meeting in June 1986.
- (c) Countries would send detailed comments on the whole document by the end of November 1986. These comments would be used by the Secretariat for the preparation of a revised version of the documents, which would be submitted to the 1987 meeting of the WGSTC.

Agenda item 9. Draft recommendations for the formulation of common guidelines standards and criteria in terms of Article 7 of the Protocol

29. The Secretariat introduced document UNEP/WG.125/6, which contained draft recommendations for the formulation of common guidelines, standards and criteria in terms of article 7 of the Protocol, together with a workplan and timetable for proposed actions.

30. The meeting took note of the document and had a comprehensive discussion of the actions proposed. A strong emphasis was placed on the importance of re-use and recycling of wastes and wastewaters, and it was urged that as much attention as possible should be given to this aspect. A number of representatives stressed the importance of taking into account, as provided for in the Protocol, the economic capacity of the Parties and their need for development. It was also pointed out that in the actions for elaboration of programmes and measures, it was not always necessary to deal with each section of Article 7 of the Protocol on a separate basis. In a number of cases one activity could provide an input into more than one sector.

31. The workplan and time-table as finally agreed on by the meeting for activities to be conducted during 1986-1987, is incorporated in the general workplan and time-table in Annex VII to this report. The indicative list of corresponding activities from 1988 to 1995 is incorporated in Annex VIII to this report.

32. The meeting took note of document UNEP/WG.125/8 concerning marine outfall systems for liquid effluents. Following a short discussion it was recommended that:

- Countries could send comments on the document to the Secretariat within the next three months.
- On the basis of such comments, the Secretariat would prepare a revised version of the text and submit it to the WGSTC meeting in June 1986.

Agenda item 10: MED POL monitoring and research activities relevant to the Protocol (Article 8 and 9)

33. The Secretariat introduced briefly document UNEP/WG.118/9 (report of the 3rd Meeting of the WGSTC for MED POL), in particular with regard to activities related to the Land-based Sources Protocol. It was explained to the meeting that the implementation of the Protocol was linked not only with the activities of MED POL but also with those of the Blue Plan and PAP.

34. Mr. Y. Ahmad, Acting Director OCA/PAC, UNEP, Nairobi, addressed the participants and spoke about the relevant activities of UNEP in the field of Environmental Impact Assessment (EIA). He described the four aspects of the programme, currently been undertaken by UNEP, namely:

- cost/benefit analysis in the EIA
- innovative methods
- the regenerative capacity of nature and
- environmental accounting.

35. Several representatives pointed out that the corrigendum to the document UNEP/WG.118/9 should be always distributed together with the main document. This was accepted by the Secretariat, and the Corrigendum (UNEP/WG.118/9. Corr. 1) was distributed at the meeting.

36. The meeting recommended that:

- (a) Projects within the framework of MED POL research activities B, C and E should be initiated and that the matter should be placed on the agenda of the 1986 meeting of the WGSTC.
- (b) The Contracting Parties encourage national institutions to initiate and conduct, within the framework of MED POL, research projects relevant to the implementation of the Protocol.

Agenda item 11: Other business

37. No matter was raised under this agenda item.

Agenda item 12: Adoption of the Report

38. The meeting adopted its report on 13 December 1985.

Agenda item 13: Closure of the Meeting

39. In his concluding remarks Mr. A. Manos expressed the satisfaction of the Secretariat for the results of the meeting. He noted that the extensive preparations and consultations held with the relevant United Nations Agencies, had facilitated the reaching of an agreement while the ten year period covered by the Calendar may appear to be long, it is more than justified in view of the number of substances covered and of the number of industrial sectors affected by the Protocol. In this connexion he thanked the representative of the EEC for providing the Secretariat with relevant documentation and invited the participants to assist in a similar manner.

40. The Chairman thanked all participants for the positive and constructive contribution made, which led to the successful outcome of the meeting, which should be considered not only as a technical meeting, but a milestone in the progressive development of the Mediterranean Action Plan. Apart from starting the preparations for the implementation of the Land-based Sources Protocol, a new philosophy of approach had been commenced. He also expressed his appreciation to the Secretariat for providing a 10-year perspective, instead of the normal short-term programme, thereby furnishing a much clearer picture of eventual targets, with deadline dates for each successive step, even if only indicative.

41. The Chairman closed the meeting on 13 December 1985 at 13.30 hours.

ANNEX I

LIST OF PARTICIPANTS
LISTE DES PARTICIPANTSALGERIA
ALGERIE

Mr Sidi Menad Siahmed
Sub-Director
Ministry of Hydraulics
Environment and Forestry
Kouba, Algiers
Algeria

Tel: 58.75.00
Tlx: 51220 MHYD ALGER

CYPRUS
CHYPRE

Mr Loizos Loizides
Fisheries Officer
Department of Fisheries
Ministry of Agriculture and Natural Resources
Tagmatarchou Pouliou 5-7
Nicosia
Cyprus

Tel: 2-403576
Tlx: 4660 MINAGRI

EUROPEAN ECONOMIC
COMMUNITYCOMMUNAUTE ECONOMIQUE
EUROPEENNE

Mr Jacques Vaccarezza
Coordonnateur pour le MED POL
Administrateur Principal
Direction Générale de l'Environnement, de la
Protection des Consommateurs et de la Sécurité
nucléaire
Commission des Communautés Européennes
200 rue de la Loi
1049 Bruxelles
Belgium

Tel: 2-2355108
Tlx: 21877 COMEU B

EGYPT
EGYPTE

Mr Moustafa Fawzi
Under Secretary
Directorate of Maritime Inspection
Ministry of Maritime Transport
Ras-El-Tin
Alexandria
Egypt

Tel: 802299
Tlx: 54407 FANAR UN

FRANCE
FRANCE

Mr René Bremond
Ministère de l'Environnement
14 Boulevard du Général Leclerc
92524 Neuilly s/Seine
France

Tel: 33-1-4-7581212
Tlx: 620602 DENVIR

GREECE
GRECE

Ms Athina Mourmouris
MED POL Co-ordinator
Ministry of Physical Planning, Housing
and the Environment
17 Amaliados and Pouliou Street
Ambelokipi
Athens
Greece

Tel: 6410242
Tlx: 216374 IHOP GR

Ms Jane Babassika
Lawyer
Ministry of Physical Planning, Housing
and the Environment
17 Amaliados and Pouliou Street
Ambelokipi
Athens
Greece

Tel: 6411717
Tlx: 216374 IHOP GR

ISRAEL
ISRAEL

Mr Yuval Cohen
National Co-ordinator for MED POL
Head, Marine Pollution Section
Environmental Protection Service
Ministry of the Interior
P.O. Box 6158
Jerusalem 91061
Israel

Tel: (02) 630407, 660151
Tlx: 26162 IEPS IL

ITALY
ITALIE

Mr Lorenzo Villa
Ispettore Generale per i Collegamenti internazionali
Ispettorato Centrale per la difesa del Mare
Ministero della Marine mercantile
Viale dell'Arte (EUR)
Rome
Italy

Tel: 5908 (533)
Tlx: 43-612153 MIMERC I

Mr Ettore Messina
Expert
Ministry of Ecology
Istituto Costruzioni Idrauliche
Piazza Venezia 11
Rome
Italy

Tel: 4740266, 4741967, 4745804, 5770290
Tlx:

Mr Michel Bernhard
Scientific Adviser
E.N.E.A.
PO Box 316
I - 19100
La Spezia
Italy

Tel: 0187-536249
Tlx: 271268 CNRSP

LIBYAN ARAB
JAMAHIRIYA

Mr Yusef I. Elmehrik
National Co-ordinator for MED POL
Chairman, National Committee for Marine Science
Director, Environmental Programme
National Academy for Scientific Research
P.O. Box 8004
Tripoli
Socialist People's Libyan Arab Jamahiriya

Tel: 218-21-32181
Tlx: 901-20039 ENMARAB

MALTA
MALTE

Mr Edward Scicluna
Head, Department of Management Studies
University of Malta
Msida
Malta

Tel: 356-514342

MONACO
MONACO

Mr Alain Louis Vatrican
Secrétaire Général
Centre Scientifique de Monaco
16 Boulevard de Suisse
MC 08030 Monaco Cedex

Tel: 003393-303371
Tlx: 42-469796 GENDEL CARLO

SPAIN
ESPAGNE

Mr Joaquin Ros
National Co-ordinator for MED POL
Ministerio de Obras Publicas y Urbanismo
Dirección General de Medio Ambiente
Paseo de la Castellana 67
Madrid
Spain

Tel: 34-1-2531600 ext. 2429
2535600
Tlx: 52-22325 MINO

SYRIAN ARAB REPUBLIC
REPUBLIQUE ARABE
SYRIENNE

Mr Saad-Allah Shawaf
Director of water pollution control department
Ministry of Irrigation
Damascus
Syrian Arab Republic

Tel: 210175
Tlx: 411059 IRIGAT SYR

TURKEY
TURQUIE

Mr Turgut Balkas
Chairman
Environmental Engineering Department
Middle East Technical University
Ankara
Turkey

Tel: 41-237100
Tlx: 607-42761
Cable: ODTU - Ankara

YUGOSLAVIA
YUGOSLAVIE

Mr Slavko Sobot
National Co-ordinator for MED POL
Department of Planning and Environmental Protection,
Committee for Building, Housing, Public Works and
Environment Protection of the Socialist Republic
of Croatia
Marulicev trg 16
Zagreb 41000
Yugoslavia

Tel: 3841-447811
Tlx: 62-22120 TANZG YU

Mr Zeljko Ostojic
Committee for Water Management
of the Socialistic Republic of Croatia
Proleterskih Brigada 220
41000 Zagreb
Yugoslavia

Tel: 3841-510522

REPRESENTATIVES OF THE UNITED NATIONS, SPECIALIZED AGENCIES AND OTHER ORGANIZATIONS
REPRESENTANTS DES NATIONS UNIES, INSTITUTIONS SPECIALISEES ET AUTRES ORGANISATIONS

UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION
ORGANISATION DES NATIONS UNIES POUR LE DEVELOPPEMENT INDUSTRIEL

Ms Sonia Maltezou
Industrial Development Officer
Chemical Industries Branch
Division of Industrial Operations
UNIDO
P.O. Box 400
A-1400 Vienna
Austria

Tel: 43-222-26310
Tlx: 135612 UNO A

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
ORGANISATION DES NATIONS UNIES POUR L'ALIMENTATION ET L'AGRICULTURE

Mr Gabriel P. Gabrielides
Senior Fishery Officer (Marine Pollution)
FAO Project Office
Co-ordinating Unit for the Mediterranean Action Plan
Leoforos Vassileos Konstantinou 48
Athens 11635
Greece

Tel: 7236586, 7244536
Tlx: 222611 MEDU

WORLD HEALTH ORGANISATION
ORGANISATION MONDIALE DE LA SANTE

Mr Louis J. Saliba
WHO Senior Scientist
WHO/EURO Project Office
Co-ordinating Unit for the Mediterranean Action Plan
Leoforos Vassileos Konstantinou 48
Athens 11635
Greece

Tel: 7236586, 7244536
Tlx: 222611 MEDU

Mr George Ponghis
WHO Temporary adviser
50 Alopekis Street
Athens 140
Greece

Tel: 1-7219472

INTERNATIONAL ATOMIC
ENERGY AGENCY

AGENCE INTERNATIONALE
DE L'ENERGIE ATOMIQUE

Mr Rolf Schneider
International Laboratory of Marine Radioactivity
Musée Océanographique
Principauté de Monaco

Tel: 93-301514
Tlx: 479378 ILMR

INTERGOVERNMENTAL
OCEANOGRAPHIC
COMMISSION

COMMISSION
OCEANOGRAPHIQUE
INTERGOUVERNEMENTALE

Mr Gunnar Kullenberg
Senior Assistant Secretary
IOC

UNESCO
7 place de Fontenoy
75700 Paris
France

Tel: 45681000
45683988
Tlx 204461 PARIS

REGIONAL ACTIVITY
CENTRE FOR THE BLUE
PLAN

CENTRE D'ACTIVITE
REGIONALE POUR LE PLAN
BLEU

Mr Michel Grenon
Directeur Scientifique du Plan Bleu
Place Sophie Laffitte
Sophia Antipolis
06560 Valbonne
France

Tel: 93-742600
Tlx: 461311 CEFIGRE

REGIONAL ACTIVITY
CENTRE FOR THE
PRIORITY ACTIONS
PROGRAMME

CENTRE D'ACTIVITES
REGIONALE POUR LE
PROGRAMME D' ACTIONS
PRIORITAIRES

Mr Arsen Pavasovic
Director
PAP/RAC
Town Planning Institute
Kraj sv. Ivana 11, P.O. Box 74
58000 Split
Yugoslavia

Tel: 43499
Tlx: 26477 YU URBS

ANNEX II

AGENDA

1. Opening of the Meeting
2. Rules of Procedure
3. Election of Officers
4. Adoption of Agenda
5. Organisation of Work
6. General principles for the progressive implementation of the Protocol
7. Proposals for the elaboration of programmes and measures for the elimination of pollution from land-based sources by substances listed in Annex I (Article 5)
8. Proposals for the elaboration of programmes and measures for limiting pollution from land-based sources by substances or sources listed in Annex II (Article 6)
9. Draft recommendations for the formulation of common guidelines, standards and criteria in terms of Article 7 of the Protocol
10. MED POL monitoring and research activities relevant to the Protocol (Articles 8 and 9)
11. Other Business
12. Adoption of the Report
13. Closure of the Meeting

ANNEX III

LIST OF DOCUMENTS

A. WORKING DOCUMENTS

- | | |
|---------------|--|
| UNEP/WG.125/1 | Provisional Agenda |
| UNEP/WG.125/2 | Provisional Annotated Agenda |
| UNEP/WG.125/3 | General principles for the progressive implementation of the Protocol |
| UNEP/WG.125/4 | Programmes and measures for the elimination of pollution from land-based sources, in terms of Article 5, by substances listed in Annex I to the Protocol |
| UNEP/WG.125/5 | Programmes and measures for limiting pollution from land-based sources, in terms of Article 6, by substances or sources listed in Annex II to the Protocol |
| UNEP/WG.125/6 | Draft recommendations for the formulation of common guidelines, standards and criteria, in terms of Article 7, of the Protocol |
| UNEP/WG.125/7 | Guidelines for the issue of authorisations for the discharge of liquid wastes into the Mediterranean |
| UNEP/WG.125/8 | Guidelines for the computations concerning marine outfall systems for liquid effluents |

UNEP/WG.125/9 Draft glossary of terms appearing in Annexes I, II and III to the Protocol

B. INFORMATION DOCUMENTS

UNEP/WG.125/Inf.1 Provisional List of Documents

UNEP/WG.125/Inf.2 Provisional List of Participants

UNEP/WG.118/Inf.23 Principles, methodologies and guidelines for the protection of the marine environment against pollution from land-based sources

UNEP/WG.125/Inf.3 Environmental capacity, an approach to Marine Pollution Prevention, report of the GESAMP Working Group on the methodologies and guidelines for the assessment of the impact of pollutants on the marine environment

UNEP/Reg.Seas Rep. Stud. No.56 GESAMP: Cadmium, lead and tin in the marine environment. UNEP Regional Seas Reports and Studies No.56. UNEP, 1985

GESAMP, Report and studies No. 26 Atmospheric transport of contaminants into the Mediterranean Region

C. REFERENCE DOCUMENTS

UNEP/WG.118/3 Progress report on the implementation of the long-term programme for pollution monitoring and research (MED POL Phase II) (1983 - 1985)

UNEP/WG.118/5 Assessment of the present state of pollution by mercury of the Mediterranean Sea and proposed control measures

UNEP/WG.118/6 Assessment of the present state of microbial pollution of the Mediterranean

UNEP/WG.118/9 and Corr.1 Report of the Third Meeting of the Working Group on Scientific and Technical Co-operation for MED POL (Athens, 27-31 May 1985)

UNEP/IG.56/5

Report on the Fourth Ordinary Meeting of the Contracting Parties to the Convention for the Protection of the Mediterranean Sea against Pollution and its Related Protocols (Genoa, 9-13 September 1985)

UNEP/Reg.Seas Rep.
Stud. No.32

Pollutants from land-based sources in the Mediterranean. UNEP Regional Seas Reports and Studies No.32. UNEP 1984

Y.J. Ahmad
G.K. Sammy

Guidelines to environmental impact assessment in developing countries , Hodder and Stoughton, London, 1985.

S. Kuwabara

The legal regime of the protection of the Mediterranean against pollution from land-based sources. Tycooly International Publishing Limited , Dublin, 1984.

ANNEX IV

GENERAL GUIDELINES FOR THE DEVELOPMENT OF PROGRAMMES
AND MEASURES FOR THE IMPLEMENTATION OF THE PROTOCOL

- (a) The existing level of pollution of the Mediterranean Sea and the severity of its effects on the Mediterranean ecosystem, human health and amenities should be used as indications guiding the timetable for the formulation of measures.
- (b) The Protocol should be implemented progressively, through a step-by-step process, according to a long-term workplan and timetable agreed by the Contracting Parties.
- (c) The best available information on scientific and technical matters should be used in formulating proposals for measures to be taken under the Protocol.
- (d) The ecological, geographical and physical characteristics of the Mediterranean Sea and its coastal zone, including the absorptive capacity of the marine environment, should be taken into account in formulating the measures.
- (e) The implementation of the Protocol should be linked with and reinforced by the other components of the Action Plan, MED POL in particular.
- (f) The programmes and measures for the implementation of the Protocol shall include common guidelines, standards or criteria, wherever appropriate.
- (g) The measures adopted individually or jointly under the Protocol should take into account the economic capacity of the Contracting Parties.
- (h) Assistance should be made available to developing countries in the implementation of the Protocol. Such assistance should include exchange of information in the fields of services and technology, training in pollution control methodologies as well as acquisition of appropriate pollution control technologies on advantageous terms.
- (i) Annex IV to the Protocol concerning pollution from land-based sources transported by the atmosphere, should be prepared in accordance with the provision of Article 4 of the Protocol.

ANNEX V

GUIDELINES FOR THE ELIMINATION OF POLLUTION FROM LAND-BASED SOURCES,
IN TERMS OF ARTICLE 5, BY SUBSTANCES LISTED IN ANNEX I TO THE PROTOCOL

In addition to the general guidelines the following will be applied:

- (a) A survey on land-based sources and amounts of pollutants reaching the Mediterranean Sea should be prepared as an updating of the MED POL X exercise.
- (b) For each of the group of substances listed in Annex I to the Protocol, an assessment of the state of pollution in the Mediterranean Sea should be prepared. Such assessments would include, inter alia:
 - Sources of pollution in the Mediterranean Sea;
 - Levels of pollution;
 - Effects of pollution;
 - Present legal, administrative and technical measures at national and international level;
- (c) Such assessments should include all available relevant information from the Contracting Parties (Article 8 of the Protocol), from other components of MAP, in particular MED POL, as well as from other sources (e.g. Paris/Oslo Commission, Baltic Convention, etc.).
- (d) Preparatory work should take already-existing material fully into account. This would avoid (a) overlap and duplication of work, which would be uneconomic and time-consuming, and (b) the production of sets of standards and criteria which could be at a variance with already-existing norms and, as a result, place a number of countries in a difficult position regarding compliance. Eventually, a certain degree of variance with already-existing criteria might very well turn out to be necessary, but this would have to be fully justified.
- (e) On the basis of such assessments, measures would be proposed which should take into account the provisions of Article 7 of the Protocol.

ANNEX VI

GUIDELINES FOR LIMITING POLLUTION FROM LAND-BASED SOURCES, IN TERMS OF ARTICLE 6, BY SUBSTANCES OR SOURCES LISTED IN ANNEX II TO THE PROTOCOL

In addition to the general guidelines the following will be applied:

- (a) A survey on land-based sources and amounts of pollutants reaching the Mediterranean Sea should be prepared as an updating of the MED POL X exercise.
- (b) For each of the group of substances listed in Annex II to the Protocol, an assessment of the state of pollution in the Mediterranean Sea, should be prepared. Such assessments would include, inter alia:
 - Sources of pollution in the Mediterranean Sea;
 - Levels of pollution;
 - Effects of pollution;
 - Present legal, administrative and technical measures at national and international level;
- (c) Such assessments should include all available relevant information from the Contracting Parties (Art. 8 of the Protocol), from other components of MAP, in particular MED POL, as well as from other sources (e.g. Paris/Oslo Commission, Baltic Convention, etc.);
- (d) On the basis of such assessments measures would be proposed which should take into account the provisions of Article 7 of the Protocol;
- (e) The proposed measures should also take into account the provisions of Annex III to the Protocol;
- (f) Guidelines for the issue of authorization for discharge should be prepared, based on Annex III to the Protocol as well as on the said assessments and proposed measures.

ANNEX VII
LAND-BASED SOURCES PROTOCOL IMPLEMENTATION WORKPLAN AND BUDGET FOR 1986

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE	CONSULTANCY REQUIREMENTS	BUDGETARY REQUIREMENTS (US \$)
1. Completion and Revision of the Glossary	Protocol and Annexes	UNEP/MEDU, WHO	Dec. 1986	-	2,000
2. List of substances falling within each of the Groups in Annex I to the Protocol	Annex I	UNEP/MEDU, IRPTC	Dec. 1986	1 Consultant	4,000
3. List of substances falling within each of the Groups in Annex II to the Protocol	Annex II	UNEP/MEDU, IRPTC	Dec. 1986	1 Consultant	4,000
4. Assessment of the state of pollution in the Mediterranean Sea by used lubricating oils and proposed measures	Article 5; Annex I	UNEP/MEDU, UNIDO	Dec. 1986	1/	1/
5. Survey of land-based sources and amounts of pollutants reaching the Mediterranean Sea	Article 5 and 6; Annexes I and II	UNEP/MEDU, WHO	Dec. 1986	3 Consultants	37,000
6. Assessment of the state of microbial pollution in the Mediterranean Sea and proposed measures for shell-fish and shell-fish growing waters	Article 6; Annex II	UNEP/MEDU, WHO	Dec. 1986	1 Consultant	5,000

LAND-BASED SOURCES PROTOCOL IMPLEMENTATION WORKPLAN AND BUDGET FOR 1986

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE	CONSULTANCY REQUIREMENTS	BUDGETARY REQUIREMENTS (US \$)
7. An evaluation of the benefits and limitations of submarine pipelines, whether or not associated with treatment plants, for discharge of liquid effluents	Article 7; para 1 (a)	UNEP/MEDU, WHO	Dec. 1986	1 Consultant	6,000
8. Formulation of the procedure for the collection and submission of information from the Parties on measures taken, results achieved and difficulties encountered in the application of the Protocol	Article 13	UNEP/MEDU, WHO	Dec. 1986	-	-
9. Draft guidelines for the issue of authorisations for the discharge of liquid wastes into the Mediterranean	Article 6	UNEP/MEDU, WHO	Dec. 1987	2-3 Consultants	10,000
Total					68,000 =====

1/ Budgeted in 1985 with US \$ 5,000 (with no additional cost in 1986)

LAND-BASED SOURCES PROTOCOL IMPLEMENTATION WORKPLAN AND BUDGET FOR 1987

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE (US \$)	CONSULTANCY REQUIREMENTS	BUDGETARY REQUIREMENTS
1. Assessment of the state of pollution in the Mediterranean Sea by cadmium and cadmium compounds and proposed measures	Article 5; Annex I	UNEP/MEDU, FAO	Dec. 1987	1 Consultant	3,000
2. Assessment of the state of pollution in the Mediterranean Sea by organohalogen compounds and proposed measures	Article 5; Annex I	UNEP/MEDU, FAO	Dec. 1987	1 Consultant	3,000
3. Assessment of the state of pollution in the Mediterranean Sea by mercury and mercury compounds and proposed measures	Article 5, Annex I	UNEP/MEDU, FAO	Dec. 1987	1 Consultant	5,000
4. A comparative review of the various types of treatment existing in the Mediterranean area for wastewaters, with the view to their re-use or their discharge into the sea	Article 7, para 1 (a)	UNEP/MEDU, WHO	Dec. 1987	1 Consultant	15,000
5. Compilation of detailed information on existing legislative measures regarding the discharge of wastes through submarine outfalls in Mediterranean countries together with similar information from selected countries outside the region, to enable comparison and evaluation of applicability	Article 7; para 1 (a)	UNEP/MEDU, WHO	Dec. 1987	1 Consultant	10,000
6. Identification and categorization of effluents requiring special and/or separate treatment and listing of such treatment and/or other requirements normally associated with or advisable for such effluents	Article 7, para 1 (b)	UNEP/MEDU, WHO, UNIDO	Dec. 1987	1-2 Consultants	25,000
				Total:	61,000
				=====	
				Total:	129,000
				=====	
				TOTAL FOR 1986 - 1987 BIENNIIUM :	
				129,000	

INDICATIVE WORKPLAN AND TIMETABLE FOR THE FORMULATION OF PROGRAMMES AND MEASURES IN TERMS OF ARTICLES 4, 5, 6, 7 AND 13 OF THE PROTOCOL FROM 1988 TO 1995

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE
1. Assessment of the state of pollution in the Mediterranean Sea by persistent synthetic materials which may float, sink or remain in suspension, and proposed measures	Article 5; Annex I	UNEP/MEDU, UNIDO	Dec. 1988
2. Assessment of the state of pollution in the Mediterranean Sea by organophosphorous compounds and proposed measures	Article 5; Annex I	UNEP/MEDU, FAO	Dec. 1988
3. Assessment of the state of pollution in the Mediterranean Sea by organotin compounds and proposed measures	Article 5; Annex I	UNEP/MEDU, FAO	Dec. 1988
4. Completion and revision of the list of substances included in the groups contained in annexes I and II to the Protocol	Annexes I, II	UNEP/MEDU, IRPTC FAO	Dec. 1988
5. Evaluation of in situ investigations on selected submarine outfalls to determine their technical efficiency and cost-effectiveness	Article 7, para 1(a)	UNEP/MEDU, WHO	Dec. 1988

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE
6. Survey of the situation currently existing with regard to products, installations and other processes within the region actually or potentially causing significant pollution of the marine environment	Article 7, para 1(d)	UNEP/MEDU, WHO UNIDO	Dec. 1988
7. Preparation of draft Annex IV to the Protocol concerning pollution from land-based sources transported by the atmosphere	Article 4	UNEP/MEDU, WMO	Dec. 1988
8. Assessment of the state of pollution in the Mediterranean Sea by radioactive substances and proposed measures	Article 5; Annex I	UNEP/MEDU, IAEA	Dec. 1989
9. Assessment of the state of pollution in the Mediterranean Sea by substances proven carcinogenic, teratogenic or mutagenic and proposed measures	Article 5; Annex I	UNEP/MEDU, WHO	Dec. 1989
10. Assessment of the present state of pollution in the Mediterranean Sea by pathogenic micro-organisms and proposed measures	Article 6; Annex II	UNEP/MEDU, WHO	Dec. 1989
11. Compilation and evaluation of already existing international experience of use of alternative products and processes. In this regard, experiences on recycling and re-use of solid and liquid wastes will be taken into account	Article 7, para 1(d)	UNEP/MEDU, WHO, UNIDO	Dec. 1989

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE
12. Assessment of the state of pollution by crude oils and hydrocarbons of any origin and proposed measures	Article 6; Annex II	UNEP/MEDU	Dec. 1990
13. Assessment of the state of pollution in the Mediterranean Sea by zinc, copper and lead with proposed measures	Article 6; Annex II	UNEP/MEDU, FAO	Dec. 1990
14. Assessment of the present state of pollution in the Mediterranean Sea by nickel, chromium, selenium and arsenic with proposed measures	Article 6; Annex II	UNEP/MEDU, FAO	Dec. 1990
15. Identification and categorisation of alternative products, installations and other processes capable of reducing pollution of the Mediterranean marine environment	Article 7, para 1(d)	UNEP/MEDU, WHO, UNIDO	Dec. 1990
16. Assessment of the present state of pollution in the Mediterranean Sea by inorganic compounds of phosphorous and elemental phosphorous and proposed measures	Article 6; Annex II	UNEP/MEDU, IOC	Dec. 1991
17. Assessment of the present state of pollution in the Mediterranean Sea by non-biodegradable detergents and other surface-active substances and proposed measures	Article 6; Annex II	UNEP/MEDU, WHO	Dec. 1991

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE
18. Assessment of the present state of pollution in the Mediterranean Sea by thermal discharges and proposed measures	Article 6; Annex II	UNEP/MEDU, FAO	Dec. 1991
19. Common guidelines for the determination of the length, depth and position of pipelines for coastal outfalls, taking into account, in particular, the methods used for pre-treatment of effluents	Article 7, para 1 (a)	UNEP/MEDU, WHO	Dec. 1991
20. Compilation of a Mediterranean inventory of effluents requiring special and/or separate treatment including type, category, amount, locality and existing treatment, if any, together with, wherever possible, those local characteristics influencing the effects of such effluents on the marine environment, and the feasibility of separate and/or special treatment	Article 7, para 1 (b)	UNEP/MEDU, WHO, UNIDO	Dec. 1991
21. Formulation of draft common guidelines, standards and criteria for special requirements for effluents necessitating separate treatment	Article 7, para 1 (b)	UNEP/MEDU, WHO, UNIDO	Dec. 1991
22. Survey on the yield and the cost/benefit of the application of alternative products and processes	Article 7, para 1 (d)	UNEP/MEDU, WHO UNIDO	Dec. 1991

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE
<p>23. Assessment of the present state of pollution in the Mediterranean Sea by acid or alkaline compounds of such composition and in such quantity that they may impair the quality of seawater and proposed measures</p>	<p>Article 6; Annex II</p>	<p>UNEP/MEDU, IOC</p>	<p>Dec. 1992</p>
<p>24. Assessment of the present state of pollution in the Mediterranean Sea by substances which have, directly or indirectly, an adverse effect on the oxygen content of the marine environment, especially those which may cause eutrophication and proposed measures</p>	<p>Article 6; Annex II</p>	<p>UNEP/MEDU, IOC</p>	<p>Dec. 1992</p>
<p>25. Assessment of the present state of pollution in the Mediterranean Sea by barium, uranium and cobalt with proposed measures</p>	<p>Article 6; Annex II</p>	<p>UNEP/MEDU, FAO</p>	<p>Dec. 1992</p>
<p>26. Assessment of the present state of pollution in the Mediterranean Sea by cyanides and fluorides and proposed measures</p>	<p>Article 6; Annex II</p>	<p>UNEP/MEDU, WHO</p>	<p>Dec. 1993</p>
<p>27. Assessment of the present state of pollution in the Mediterranean Sea by substances which, though of a non-toxic nature, may become harmful to the marine environment or may interfere with any legitimate use of the sea owing to the quantities in which they are discharged and proposed measures</p>	<p>Article 6; Annex II</p>	<p>UNEP/MEDU, IOC</p>	<p>Dec. 1993</p>

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE
<p>28. Assessment of the present state of pollution in the Mediterranean Sea by organosilicon compounds and substances which may form such compounds in the marine environment, excluding those which are biologically harmless or are rapidly converted into biologically harmless substances and proposed measures</p>	Article 6; Annex II	UNEP/MEDU, FAO	Dec. 1993
<p>29. Assessment of the present state of pollution in the Mediterranean Sea by antimony, tin and vanadium with proposed measures</p>	Article 6; Annex II	UNEP/MEDU, FAO	Dec. 1994
<p>30. Assessment of the present state of pollution in the Mediterranean Sea by substances which have a deleterious effect on the taste and/or smell of products for human consumption derived from the aquatic environment, and compounds liable to give rise to such substances in the marine environment and proposed measures</p>	Article 6; Annex II	UNEP/MEDU, WHO	Dec. 1994
<p>31. Assessment of the present state of pollution in the Mediterranean Sea by biocides and their derivatives not covered in Annex I and proposed measures</p>	Article 6; Annex II	UNEP/MEDU, FAO	Dec. 1994

ACTIONS	RELEVANCE TO THE PROTOCOL	RESPONSIBLE AGENCIES	TARGET DATE
32. Assessment of the present state of pollution in the Mediterranean Sea by titanium, boron and silver and proposed measures	Article 6; Annex II	UNEP/MEDU, FAO	Dec. 1995
33. Assessment of the present state of pollution in the Mediterranean Sea by molybdenum, beryllium, thallium and tellurium with proposed measures	Article 6; Annex II	UNEP/MEDU, FAO	Dec. 1995