



**United Nations  
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**MEDITERRANEAN ACTION PLAN**

Eleventh Ordinary Meeting of the Contracting Parties  
to the Convention for the Protection of the  
Mediterranean Sea against Pollution and its Protocols

Malta, 27-30 October 1999

**Reporting System Within MAP Framework**



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## **Introduction**

Article 26 of the Convention for the Marine Environment and the Coastal Region of the Mediterranean (Barcelona convention) stipulates that:

1. The Contracting parties shall transmit to the Secretariat reports on:
  - (a) the legal, administrative or other measures taken by them for the implementation of the Convention and Protocols and the recommendations adopted by their meetings;
  - (b) the effectiveness of the measures referred to in subparagraph (a) and problems encountered in the implementation of the instruments as mentioned above
2. The reports shall be submitted in such form and at such intervals as the meetings of Contracting Parties may determine.

The purpose of this reporting is to assess the compliance with the Convention and the Protocols as well as the measures and recommendations adopted by the various meetings of the Contracting Parties with a view to ensure and promote their full implementation (Article 27).

With a view to put Article 26 in practice, the Extraordinary Meeting of the contracting Parties (Montpellier, 1-4 July 1996), "invited the Secretariat, in consultation with the Contracting Parties and with the assistance of two or three experts, to propose the development of a System of Coherent Reporting by the Contracting Parties in conformity with MAP-Phase II and the relevant provisions of the Barcelona Convention and its protocols (see doc. UNEP(OCA)/MED IG.8/7).

In order to assist the Contracting Parties to implement Article 26 of the Convention, a consultant was recruited to prepare a draft reporting system within MAP which is the subject of this document.

It is the intention of the Secretariat to convene at the beginning of 2000 an expert meeting composed of the members of the Bureau of the Contracting Parties, to review this draft document, taking into consideration the comments of the meeting of the National Focal Points and submit it to one of the meetings of the Bureau to be convened in the year 2000 for its consideration.

## I. PREAMBLE

During the extraordinary meeting of Contracting Parties to the Convention for the Protection of the Mediterranean Sea against Pollution and its protocols, which was held in Montpellier from 1-4 July 1996, the Parties agreed to grant strategic priority to the setting up of a coherent system for the drafting of reports by the Contracting Parties (DOC. UNEP(OCA)MED.IG.8/7 Annex IV, 4 September 1996).

**During the tenth meeting of Contracting Parties (Tunis, 18-21 November 1997), the Secretariat was invited to finalize this project, whilst the Bureau was asked to study the project and to provide its views.**

The system for drawing up reports should conform to the provisions of the Mediterranean Action Plan and respect the relevant ones in the Barcelona Convention, its Protocols and recommendations.

**The National Report should thus express the obligations incumbent upon each Contracting Party, and should highlight the specific constraints stemming from the Convention, each Protocol and recommendation.**

The UNEP report on the implementation of MAP Phase II will thereby also provide an assessment of which measures are deemed workable, whilst showing those which will require additional commitment and means.

## II. Objectives.

Article 26 of the Convention for the Protection of the Mediterranean Sea against Pollution states that Contracting Parties shall draw up a national report aimed at informing the United Nations Environment Programme which, in turn, shall also regularly report to the Contracting Parties (**Article 17 vi**) on activities undertaken under their obligations to the Convention, its protocols and recommendations (Article 4).

However, in the light of available information on implementation of the legal instruments and related national programmes or, in the best event, the National Reports sent in to date, it has not been possible to make an overall assessment of what has been done in this field.

During the extraordinary meeting of Contracting Parties to the Convention for the Protection of the Mediterranean Sea against Pollution, and its Protocols, which was held in Montpellier on 1-4 July 1996, the Contracting Parties also invited the Secretariat to propose a draft report consisting of requests for information which will make it possible to assess the activities undertaken by each Party in respect of the Convention, each Protocol and MAP Phase II.

Moreover, the Contracting Parties made implementation of the Barcelona Convention and its Protocols one of the strategic priorities of MAP Phase II.

Within the implementation of these legal instruments, the Protocol for the Protection of the Marine Environment against Pollution from Land-Based Activities, and the Protocol concerning Specially Protected Areas and Biological Diversity in the Mediterranean were granted priority task status.

The content of the draft national reports must therefore be anchored in the obligations and recommendations contained in the Convention and its protocols, the recommendations of the Contracting Parties, and those of MAP Phase II **which was**

shaped in the light of previous successes and failures, but also of the results of the United Nations Rio Conference on the Environment in 1992, the eighth meeting of Contracting Parties in Antalya in 1993, and the MED 21 conference on Sustainable Development in the Mediterranean (Tunis 1994).

The report must also comprise the answers to annex II of MAP Phase II on the priority areas for the environment and development in the Mediterranean Basin (1996-2005) as approved by the ninth meeting of Contracting Parties to the Barcelona Convention (Barcelona 5-8 June 1995), and adopted by the Conference of Plenipotentiaries on 9-10 June 1995.

The articles cited in the body of the draft report expressly convey the obligations attached to MAP legal instruments, but also country recommendations aiming at establishing co-operation, and receiving and providing information relating to measures adopted for the protection of the Mediterranean marine environment, its biodiversity and its sustainable development.

Finally, it is stressed that the national report should take account of the Strategic Actions Plan, aimed at fighting pollution caused by land-based activities, which was adopted by the tenth meeting of Contracting Parties in Tunis (18-21 November 1997). Article 15 of the 1996 Protocol states that when it comes into force the S.A.P. must be re-adopted with an eye to possible revision of the planned timetables and measures.

Finally, the Contracting Parties are also requested to indicate in their national reports any obstacles they have encountered in the implementation of these legal instruments, and to assist in improving the body of the text by making any suggestions, comments or observations they may deem useful.

### **III. The National Report**

#### **III.1- Contracting Parties' report on implementation of the Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean (Barcelona Convention). Article 4.1 and 4.2 in particular**

##### **Pressures**

☒ Report on the general situation concerning pressures on the marine environment and the coastal region (01 page maximum)

##### **State**

☒ Institutional measures adopted to monitor pollution (Article 12)

☒ Indicators and data on the quality of environments under pressure or worthy of special attention.

##### **Response (Article 3)**

☒ Do you have a strategy for protecting the marine environment and the coastal region?

**Date of adoption and by what body.**

Describe the main outlines.

☒ Institutional and legal measures adopted by States (Articles 14 and 17).

**Effectiveness of laws and regulations**

▣ Principal measure, programme and/or project undertaken concerning:

The precautionary principle  
The polluter pays principle  
Impact assessments  
Integrated coastal management  
The protection of areas of exceptional ecological interest  
The protection of areas of landscape interest  
Rational use of resources  
The use of clean technologies  
The use of best available techniques and best environmental practices  
The implementation of programmes of sustainable development  
The implementation of programmes for the protection of the environment and of natural resources  
The implementation of programmes for the conservation of the environment and natural resources  
The implementation of programmes for the rehabilitation of the environment and of natural resources

▣ Current or planned projects **in this framework**  
Timetable for completion (Article 4.4a)

▣ **What are the most important technical measures taken by the State concerning land planning on the coastal strip, control of building, and to counter the building-up of the coasts in general.**

▣ Total financial package granted to all programmes under the Convention

▣ Total financial packages granted for each protocol

▣ What measures have been adopted for informing and involving the public? (Article 15)

▣ **What are the NGOs' main demands?**

▣ **Have they taken anyone to court and if so, whom?**

▣ **Are there any cases of litigation, and if so with whom?**

Co-operation  
(Article 3)

▣ In what areas have you developed co-operation with other Contracting Parties, particularly in terms of scientific and technological co-operation (Article 13)?

Have you sent copies of these agreements to the Co-ordinating Unit?

☒ In what areas have you developed co-operation with other Contracting Parties, particularly regarding pollution of the Mediterranean Sea caused by an emergency (Article 9)?

#### Obstacles

- ☒ To the implementation of national and international regulations
- ☒ In terms of forwarding information, and co-operation
- ☒ At financial level

#### Suggestions

- ☒ Concerning the questionnaire
- ☒ Concerning any regulatory, technical or financial issues related to the Convention.



**III.2- Contracting Parties' report on implementation of the Protocol for the Prevention and Elimination of Pollution of the Mediterranean Sea by Dumping from Ships or Aircraft or Incineration at Sea (Dumping Protocol).**

Programme and measures implemented intended to prevent, abate and eliminate pollution caused by dumping from ships and aircraft or by incineration at sea (Articles 1 and 14.2a and b).

Pressures on the seabed  
(Articles 4, 8 and 9)

- ▣ Type of problems likely to cause the dumping of waste at sea
  - originating from industrial activity
  - originating from port activity
  - due to shipping activities
  
- ▣ Origin
  - List the areas of the Mediterranean Sea under national legislation which are, or are likely to become dumping zones
  - List those ports which are regularly dredged
  - Indicate the number of sewers which discharge within and/or in the vicinity of the port
  - Which of them are treated?
  - Indicate the annual volume of sewage discharged there
  - Indicate the average traffic in the national ports and the type of vessels which moor there
  - Indicate the principal activities of these ports
  - Indicate the number of vessels which sail along and/or pass by off the national coasts
  - Indicate the number of national vessels to be scrapped
  - Indicate the number and co-ordinates of vessels which have sunk or run aground in territorial waters and on the coast
  - Indicate the number of processing industries for fish and other marine organisms whose waste goes into the sea
  - Indicate the number of platforms or other structures and installations (as defined in the Offshore Protocol) located offshore
  - Indicate the number of installations which dump geological matter at sea
  - Have you found any substances in packages or containers either floating or on the seabed which you have reason to believe may have been dumped (illicitly or otherwise)
    - \*how often and in what maritime geographical area
    - \*details of the product(s) found
    - \*did you carry out an enquiry
    - \*results thereof
  - Have there been any exceptional emergencies

(waste which could not be eliminated  
on land) which have led to dumping or incineration

at sea

Provide further information

State  
(Annex to the Protocol)

- ▣ **Analysis** of sewage discharged within the ports and/or in their vicinity
- ▣ **Analysis** of dumped dredging sludge
- ▣ **Analysis** of waste from platforms or other structures and installations (as defined in the Offshore Protocol) located offshore
- ▣ Indicate the number of offshore incidents to date
  - which have caused loss of human life
  - which have affected the marine environment
  - which have had no effect on the marine environment
  - in which the vessels neither sank nor ran aground
  - in which the vessels ran aground, with position
  - in which the vessels sank, with position
- ▣ For each incident indicate the name of the ship, its flag, and **the name** of the shipowner
- ▣ Co-ordinates and description of existing dumping sites or sites where waste is likely to be dumped
  - indicate the volume and quantity of liquid and solid waste already dumped
  - characteristics of the place of discharge and the receiving environment
    - hydrographic, meteorological and topographical details of the dumping area
    - initial dilution at point of discharge
    - dispersion characteristics
    - physical, chemical, biological and ecological characteristics of the receiving water in the dumping area
    - capacity of the receiving marine environment to absorb the dumped waste with no negative effect.
- ▣ Describe any marine areas which have been affected by a shipwreck or a ship running aground and, where applicable, its effects
  - on amenity areas
  - on the marine fauna and flora

- on water related activities
- other....

Response (Articles 4, 5, 6, 7, 10, 11, 12)

- ⊠ At regulatory and legislative level
  - Existing legal provisions, particularly concerning the study and issuing of the special permit, in particular as regards:
    - the characteristics and composition of the matter
    - the characteristics of the dumping site and method of disposal
    - monitoring of the dumping operation
  - Number of dumping permits issued
  - Dumping operations carried out (date, **type** and quantity of waste dumped)
  - Co-ordinates and nature of dumping sites
  - Authority(ties) responsible for monitoring **lawful** and unlawful dumping operations
  - Have you to date ever intervened in cases of unlawful dumping of waste in port or harbour waters or in territorial waters
  - Indicate the flags, **the names of the vessels and shipowners**, the date and type of offence
  - What legal action was taken, and was it successful?
- ⊠ At technical level
  - Technical mechanisms or method used to dump the waste
  - Substitution techniques you have applied to avoid dumping
  - Substitution techniques you have applied to reduce the harmfulness of the matter **prior to dumping at sea**
- ⊠ At financial level
  - What financial packages have been granted for dredging operations?

Co-operation

- ⊠ Did you consult the Co-ordinating Unit before dumping?
- ⊠ Did you ask the CU for information when suspect packages or matter were discovered on your national coasts?  
Did you receive any answers?
- ⊠ Did you consult any other international organisations, if so, **which**, and did you receive any answers?
- ⊠ With which partners have you carried out dumping operations? Dates?

- α Were the NGOs informed of the dumping operations?
  - Have there been cases of the NGOs informing the public authorities about unlawful dumping or the **presence of floating matter or matter on the seabed?**
  - Briefly describe their role.

Obstacles

- concerning vessel monitoring
- concerning the implementation of national and international rules and regulations
- concerning the provision of information and co-operation
- In terms of the actual dumping operations themselves.

Suggestions

- Concerning the questionnaire
- Concerning any regulatory, technical and financial questions related to the Dumping Protocol

### **III.3- Contracting Parties' report on implementation of the Protocol concerning Co-operation in Combating Pollution of the Mediterranean Sea by Oil and other Harmful Substances in Cases of Emergency (Emergency Protocol)**

Contingency plan aimed at preventing, abating and eliminating pollution from accidental causes due to the presence of massive quantities of oil or other harmful substances in the sea (**Articles 1, 6**)

#### **Pressures**

- ▣ General lie of the coast
- ▣ Currentology
- ▣ General traffic in
  - commercial ports
  - ports with oil terminals
- ▣ Traffic off the coasts

#### **State (Article 9)**

- Number of incidents at sea and shipwrecks, whether or not they have caused grave and imminent pollution of the marine environment, the coasts, or the related interests of one or more parties.
- Type and assessment of damage for each case
  - Characteristics of the spillage or the harmful substances
  - Scale of the spillage or harmful substances
- Indicate the cases in which harmful substances in packages, containers or other have been found either on the coast or floating in territorial waters
- General state of the coast in terms of oil pollution in particular
- Assessment of any situation caused by pollution by other chemical substances
- Means implemented to combat these situations
  - At financial level
  - In terms of human resources
  - In terms of technical equipment and floating means
  - In terms of means of communication
  - In terms of combat products

#### **Response (Articles 3, 4, 6, 7, 8)**

- ▣ Legal and regulatory
  - Concerning the reporting of incidents
  - Concerning the conformity of vessels with international regulations
  - Concerning port installations
  - Concerning ballast water reception installations
  - Concerning oil terminals
  - Concerning the drawing-up of national contingency plans
  - Concerning the drawing-up of local plans
- ▣ Existing prevention and combat material
- ▣ Existing combat products

- ☒ Existing means for monitoring and communication
- ☒ Human resources and institutions
  - for monitoring
  - for combating
- ☒ Indicate the operational plan for combating accidental marine pollution
- ☒ Financial means granted for the purchase of material, equipment and combat products
- ☒ Did you appeal to FIPOL
  - Dates of incidents and amounts reimbursed
- ☒ Did you draft a report to the centre as stipulated by Article 8 of the Protocol

**Co-operation (Articles 4, 5, 7, 10)**

- ☒ On requests for information and assistance:
  - Did you consult the CU? Were your requests answered?
  - Did you consult any other international organisations?
  - Were your requests answered?
- ☒ Did you request international assistance or help from other parties for incidents
  - of combating pollution
    - \*offshore
    - \*on land
  - of salvaging of vessels
- ☒ Financial package
- ☒ Have you informed the contracting parties of the national organisation responsible for combating pollution of the sea by oil and other harmful substances
- ☒ Have you informed the contracting parties of the national authorities with competence for combating pollution of the sea by oil and other harmful substances
- ☒ Have you informed the contracting parties of the competent national authorities which are responsible for receiving information concerning pollution of the sea by oil and other harmful substances
- ☒ Have you sent or received information about new methods for preventing pollution of the sea by oil and other harmful substances.

**Obstacles**

- Concerning vessel monitoring
- Concerning implementation of national and international rules and regulations
- Concerning the forwarding of information and of co-operation

- Concerning combat operations
- Concerning repayment for damages
- Concerning the transmission of incident reports
- Concerning the transmission of information

#### Suggestions

- concerning the questionnaire
- concerning any regulatory, technical and financial questions related to the Emergency Protocol

### III.4- Contracting Parties' report on implementation of the Protocol for the Protection of the Mediterranean Sea against Pollution from Land-based Sources (Article 13 of the Land-based sources Protocol)

Strategic action programme implemented to combat pollution due to land-based activities (Articles 1, 5, 7.3, 13.2d and 15).

#### Pressures (Articles 4 and 13.2c)

- Origin, quantity and volume of liquid, gaseous and solid waste discharged either directly or indirectly into the Mediterranean originating from built-up areas, industrial units and farms

#### Industrial activities:

- Thermoelectric power stations
- Fertilizer production plants
- Plants for the production and formulation of biocides
- Pharmaceutical formulation and production plants
- Refineries
- Plastic compound production plants
- Other sectors of the organic chemistry industry
- Paper and paper pulp production industries
- Paper, glass and wood recycling plants
- Metallurgical and iron and steel plants
- Metal recycling plants
- Mining and extraction industries
- Cement works
- Other sectors of the inorganic chemistry industry
- Textile industries
- Tanneries
- Electrical and electronic industries
- Ship repair yards
- Garages and oil exchange centres
- Agro-food industries
- Cattle and poultry breeding centres
- Aquaculture centres
- Slaughterhouses
- Industrial waste treatment
- Deballasting points

#### Urban activities:

- Outfalls
- Urban sewage removal networks
- Urban sewage works
- Sewage removal networks serving tourist centres
- Treatment of hazardous waste
- Waste incineration
- Discharge of urban waste



Agricultural activities:

Farms  
(Show on a map the sources of waste either directly or indirectly discharged)

- Categories of substances in question:

Halogen compounds  
Organophosphorus compounds  
Organotin compounds  
Polycyclic aromatic hydrocarbons  
Heavy metals and their compounds  
Used lubricating oils  
Radioactive substances and waste  
Biocides and their derivatives  
Pathogenic microorganisms  
Crude oil and hydrocarbons of petroleum origin  
Cyanides and fluorides  
Detergents and other non-biodegradable surface-active substances  
Compounds of nitrogen  
Compounds of phosphorus  
Other substances causing eutrophication  
Litter and generally speaking any persistent solid matter  
Thermal discharges  
Acid or alkaline compounds  
Non-toxic substances  
- having an adverse effect on the level of dissolved oxygen  
- which may interfere with any legitimate use of the sea  
- which affect the physical and chemical characteristics of seawater  
(Show on a map the points where these pollutants are released)

- Characteristics and mean composition of the discharges

State of waste (solid, liquid, sludge, gaseous)  
Discharge pattern (continuous, intermittent...)  
Physical, chemical and biochemical properties of the waste discharges  
Persistence in the marine environment  
Toxicity and other harmful effects  
Accumulation in biological materials or sediments  
Biochemical changes producing harmful compounds  
Adverse effects on the oxygen content and balance  
Susceptibility to physical, chemical and biochemical change  
Interaction in the aquatic environment with other sea-water constituents which may produce

harmful effects in terms of sea-water usage  
Health risks and effects  
Effects on the taste and smell of products for  
human consumption  
Effects on the smell, colour, transparency or  
other characteristics of seawater

- Areas which are or are likely to be polluted

(Indicate on a map of the coastline the bathing  
areas, sites and nature reserves  
which are not chronically polluted, and those  
likely to be so)

State

**(Articles 12 of the Convention and Articles 8 (Med-Pol Programme) and 13.2b and  
c of the Protocol)**

- ▣ Authority responsible for monitoring pollution
- ▣ Demarcation of the monitoring areas
- ▣ Characteristics of the discharge site and the receiving environment
  - Hydrographic, meteorological, and topographical characteristics of the coastal area
  - Location and type of discharge and its relation to other areas of commercial, tourist and ecological interest, and other discharges
  - Initial dilution achieved at the point of discharge into the receiving environment
  - Dispersion characteristics
  - Characteristics of the receiving water in physical, chemical, biological and ecological terms
  - Capacity of the receiving marine environment to absorb waste discharges without adverse effects.
- ▣ Annual quantity and volume of waste discharged on the coast (solid, liquid, and gaseous)
- ▣ Average seawater quality around discharges from built up areas on the coast, ports, river mouths, bathing and nature areas
- ▣ Average air quality (cf. Annex III of the Protocol) around built up areas on the coast, ports, bathing and natural areas.
- ▣ Level of pollution along the coast in terms of the sectors of activities and categories of substances listed in Annex I of the Protocol (MED-POL Programme **phase III, which covers all aspects of monitoring, including specific temporal trends for sites, and conformity (UNEP(OCA) MED IG 11/inf 9 and 10), as well as monitoring of biological effects (UNEP (OCA) MED WG.132/6 and 7) Athens 97**

- ▣ Characteristics and composition of the discharges
  - List those pollutants which are regularly analysed, and where and when samples are taken
  - List those which are occasionally monitored, stating where and when, and concentrations found
  
- ▣ Number of laboratories involved in pollution monitoring, mention the national reference laboratory(ies).
  
- ▣ Potential impairment of marine ecosystems and seawater uses
  - Describe any critical situation specific to one region of the coast in relation to the characteristics of substances in the environment
  
  - Effects on human health through pollution impact on:
    - \*edible marine organisms
    - \*bathing waters
    - \*aesthetics
    - effects on marine ecosystems, in particular living resources, endangered species and critical habitats
    - effects on other legitimate uses of the sea
  
- ▣ Indicate the characteristics of constituents found in the analyses with respect to their harmfulness, in particular:
  - persistence in the marine environment
  - toxicity and other harmful effects
  - accumulation in biological materials and sediments
  - biochemical transformation producing harmful compounds
  - adverse effects on the oxygen content and balance
  - any change and interaction in the aquatic environment with other seawater constituents
  - all other characteristics as listed in section B of Annex 1

Response  
(Articles 5, 6, 7, 13, 15)

- ▣ Existence of Action Plan, national programme or measures to eliminate marine pollution from land-based sources and activities (article 5).
  
- ▣ Its content (Articles 5.2, 13 and 4)
  
- ▣ Degree of implementation and timetable (Articles 5.2 and 3, 15.1.3 and 4)
  
- ▣ Existence of regional Action Plan to eliminate marine pollution from land-based sources and activities (Article 5)
  
- ▣ Its content (Articles 5.2, 13, and 4)

▫ technical measures adopted to prevent and combat pollution, specifying those which take account of Annex II D of the Protocol (**Article 5.4**) and in compliance with the guidelines, standards and common criteria (Article 7) and the common measures to combat pollution adopted by the Contracting Parties, as well as **the S.A.P.** (MAP Technical report series No 95-UNEP Athens 95 and **UNEP (OCA) MED IG.11/10** Athens 97.

The measures which are particularly targeted are those which were adopted in order to **combat pollution generated by:**

**-urban areas (municipal sewage, solid urban waste and atmospheric pollutants),**

**-industrial development**

**-physical changes and destruction of habitats**

and in particular:

-for the treatment of urban effluent and sludge from sewage works

-for the treatment of industrial effluent

-for the treatment of urban and industrial waste

-for the treatment of gases and smoke

\*in urban areas

\*in industrial areas

\*within certain industrial plants and complexes

- for the treatment and removal of ballast waters from container ships.

- for the disposal of urban sewage (outfalls, canals, water outlets)

- for the disposal of industrial sewage (outfalls, canals, water outlets)

**-for the areas** to be protected (amenities, spawning, breeding, fishing, port...)

▫ To what degree and at what levels is account taken of the criteria for determining best available techniques and best environmental practice (Annex IV of the Protocol)

▫ Financial measures adopted to prevent and combat pollution

- Volume of investments granted to fight against pollution and reduce harmful substances in the marine environment

-of urban origin

-of tourist origin

-of industrial origin

-for ballast removal stations

-for the treatment of gas and dust

-for the treatment of urban waste

-for the treatment of industrial waste

-Current and planned investment

▫ **Legislative and regulatory measures (articles 6,7,13.2a)**

- for inspecting installations
- for assessing compliance with authorizations and regulations governing discharge authorizations issued (Article 6)
- in order to comply with Annex II of the Protocol and the guidelines on the treatment of effluents before their release into the Mediterranean sea (MAP Technical report No111-UNEP)

-Institutions and capacity-related measures (**Article 6.2 and 6.3**)

- Designation of institutions and public bodies working to protect the coasts and to prevent and combat their pollution
- Number of personnel for each administration
- Specializations
- Number of non-governmental associations involved in protecting the coast and the sea. Indicate their main activities.

Co-operation  
**(Articles 9,10 and11)**

Do you have any co-operation projects with neighboring countries or other Mediterranean riparian states within the framework of this Protocol

List completed and on-going projects and the final or expected results.

Also, in terms of technical assistance, are any bilateral or multilateral projects at present being implemented, nearing completion or being drawn up

List the projects you have implemented with the MAP Co-ordinating Unit under the Protocol

Your assessment of these projects.

List those projects within the framework of the L.B.S. Protocol which you suggested for international and regional co-operation but which were unsuccessful. Briefly state why

List any cases of transboundary pollution from neighbouring countries, and the follow-up given.

List the associations for the protection of the sea and the coasts which are involved at local, regional and international level.

On requests for information:

Have you consulted the Co-ordinating Unit, were your requests answered? Have you consulted any other international organisations  
Were your requests answered?

**Obstacles**

List any obstacles and possible difficulties encountered in implementing this Protocol

In terms of knowledge about the state of the environment

In terms of pollution monitoring

In terms of rules and regulations, and standards

In terms of the apparatus to be provided  
In terms of the investment to be granted  
In terms of intersectorial relations  
In terms of relations with associations  
In terms of co-operation  
    \*with the MAP Co-ordinating Unit  
    \* of a regional nature

Suggestions

on the questionnaire  
on any regulatory, technical or financial questions concerning the L.B.S. Protocol.

**III.5 Contracting Parties' report on implementation of the Protocol concerning Specially Protected Areas and Biological Diversity in the Mediterranean (Specially Protected Areas Protocol).**

Action programme implemented in order to protect, preserve and manage in a sustainable and environmentally sound way areas of particular natural or cultural value, and endangered or threatened plant and animal species. **(Articles 4.3.e of the Convention, 3 and 23 of the Protocol)**

The report requested should take account of the provisions of Articles 3,6 to 8, 11 to 21, 23, 24, and 27.

It should therefore include:

**-Pressures  
(Articles 3,5 and 11)**

on areas of particular natural or cultural value and concerning

- areas of ecological interest
- areas of landscape interest

Identify those processes and categories of activities which have or are likely to have a significant adverse impact on the conservation and sustainable use of biodiversity, and in particular:

- on natural resources
- on endangered species
- on threatened species
- on endemic species

on the coastal areas in general and the periurban areas in particular

**State  
(Articles 3,5,8,9,11,12,13 and 15)**

Have the components of biodiversity been identified and inventoried? Include the list.

Are the components of biodiversity monitored? Describe the main lines of the programme.

Is there a list of SPAs and SPAMIs? Which?

Is there a monitoring programme for the processes and categories of activities which have or are likely to have a significant adverse impact on the conservation and sustainable use of biological diversity. Describe the main lines of the programme.

- Indicate the average quality of sea and lake waters in the SPAs and SPAMIs.

**Response  
(Articles 3.1, 3.4, 4, 5 and 8)**

-Have you adopted a sectorial and intersectorial policy, strategies, plans and programmes aiming at ensuring the conservation of biological diversity and the sustainable use of resources?

List the different activities undertaken to this end  
- Have any specially protected areas been set up?

List the protected areas already established and describe them briefly, highlighting what these measures are intended to protect.

Measures adopted for the protection, conservation, and management in an sustainable and environmentally sound way of the Mediterranean sea area as delimited in Article 2 of the Protocol.

-At legislative and regulatory level, and in particular  
**(Articles 3,5,6,7,8,9,3,11,12,13,15,16,17 and 18)**

- in order to establish specially protected areas
  - in order to protect, preserve and manage threatened or endangered species of fauna and flora.
    - in order to establish specially protected areas of Mediterranean importance (SPAMIs)
    - in order to strengthen the application of the other Protocols to the Convention in the protected area.
    - in order to prohibit the discharge of any substance likely to impair the integrity of the protected area.
    - on the passage of ships, any stopping or anchoring.
    - on the introduction of any species not indigenous to the specially protected area.
    - on the introduction or reintroduction of any species which are or have been present in the specially protected area
    - on exploration in the protected area
    - on exploitation of the subsoil of the protected area
    - on scientific research
    - on fishing, hunting, the taking of animals, the harvesting of plants, their destruction, or trade in them
    - on the carrying out of activities within the specially protected area.
    - on the protection of SPAs and SPAMIs under national contingency plans in case of accidental pollution by oil and other harmful substances.
    - on the adoption of Annex I of the Protocol on selecting the SPAMIs
    - on the adoption of Annex II which lists threatened or endangered species.
    - on the adoption of Annex III which lists the species whose exploitation is regulated
  - Has the national authority decided to include any other species in the category of endangered species or those requiring protection?

-At technical level  
**(Articles 3,5,6)**

- on establishing specially protected areas
- on protecting, preserving and managing threatened or endangered species of flora and fauna.
- on identifying and compiling inventories of the components of biodiversity.
- on their conservation and sustainable use.



- on the protection of SPAs and SPAMIs in case of accidental pollution by oil or other harmful substances
- on the inclusion of additional species in the category of endangered species or those requiring protection.

-At institutional level, and in terms of capacities and management  
**(Articles 7,9,5,18,20,24)**

- Do you have a management and protection plan for all the protected areas.  
Describe its main outlines.
- Describe the procedures for monitoring habitats and population dynamics.
- Describe the procedures for landscape monitoring
- Describe the procedures for monitoring human activity.
- List the institutions responsible for monitoring, and indicate their staffing levels.
- Provide the profile of the managers of these areas, indicating their training and that of the qualified technical staff.
- To what extent are active local communities and populations involved in the management of the protected areas?
- List those activities within the area which are compatible with its vocation, including the rules and conditions imposed.
  
- Is there an appropriate infrastructure for the management of the protected area? What does it consist of?

-At financial level  
**(Articles 7.2e, and 9.3)**

Measures adopted

- to finance the promotion and management of the SPAs
  - to finance the promotion and management of the SPAMIs
- Financial packages granted annually for the management of existing SPAs and SPAMIs
- \*Are they adequate?
  - \*What actions are planned for which funding is either not available or insufficient.

Information, public awareness and research  
**(Articles 19,20)**

List the associations for the protection of the sea and the coast which are involved at local, regional and international level.

Co-operation  
**(Articles 3.2,5.2,5.4,11.4 and 7,12.4 and 5,21,22,25)**

Do you have any co-operation projects with neighbouring states or other Mediterranean riparian states within the framework of this Protocol

List completed and current projects indicating what results were obtained or are expected.

Also, regarding technical assistance, are there any bilateral or multilateral projects at present being implemented, completed or drawn up.

List any projects you have implemented with the Co-ordinating Unit within the framework of the Protocol. What is your assessment of these projects.

List any projects under the S.P.A Protocol which you have suggested for international and regional co-operation but which were not successful. Briefly state why

List any cases of transboundary pollution from neighbouring countries which affected the SPA or SPAMI, and indicate what follow-up was given

Are you planning any SPAMIs. List them and give a brief summary of the report to go to the Centre.

List any specially protected areas which have been established contiguous to the border of a third country, indicating their characteristics.

On requests for information:

Did you consult the Co-ordinating Unit? Were your requests answered?

Did you consult any other international organisations? Were your requests answered?

#### Obstacles

List any obstacles and difficulties you may have encountered in applying the Protocol.

- in terms of knowledge about the biological diversity of the SPA or SPAMI.
- in terms of monitoring of pollution and of the SPAs and SPAMIs.
- in terms of rules and regulations, and standards.
- in terms of apparatus to be provided
- in terms of investment to be granted
- in terms of intersectorial relations
- in terms of relations with the associations
- in terms of co-operation
  - \*with the Co-ordinating Unit
  - \*regional co-operation

#### Suggestions

- concerning the questionnaire
- concerning any regulatory, technical and financial questions related to the Specially Protected Areas Protocol.

**III.6 Contracting Parties' report on implementation of the Protocol for the Protection of the Mediterranean Sea against Pollution resulting from Exploration and Exploitation of the Continental Shelf, the Seabed and its Subsoil (Offshore Protocol, not yet in force)**

Action plan to prevent, abate, combat and control pollution resulting from exploration and exploitation activities (**Article 3**)

Pressures  
(**Article 5**)

-Are there any exploration (Article 1dii) and exploitation (article 1diii) activities concerning the continental shelf, the seabed and its subsoil.

\*Geographical definition of the zone(s) (including safety zones)

-Describe the nature of installations (Article 1f) at the point of exploration and exploitation

-List the potential harmful agents and pollution (Article 2 para a. of the Convention) generated there

-List possible adverse effects on marine and sub-marine ecosystems. Summarise them

State (**Articles 5,19,20**)

-Description of the areas where these activities are carried out

- study of the foreseeable effects of the activities of the project(s) on the environment prior to the granting of authorization (s).

-description of the benthic fauna in the area. Draw up a list of what was found.

-Description of the sub-marine fauna and flora in the area; draw up a list of what was found

-Water quality in the exploration and/or exploitation areas (search for and quantification of the categories of substances defined in Annexes I, II and III of the Offshore Protocol)

- Substrate quality in the area (search for and quantification of the categories of substances defined in Annexes I, II and III of the Offshore Protocol)

- Composition and characteristics of discharge from the exploration and/or exploitation installation from the point of view of its harmfulness (refer to Annexes I,II and III of the Protocol).

Response  
(**Articles 4 to 28**)

**-At the regulatory and legal level.**

Are you a signatory to the United Nations Convention on the Law of the Sea, Montego Bay, 10 December 1982.

**Measures adopted** (particularly in respect of Article 29)

-for granting authorizations  
What essential information do they contain?

- for establishing the foreseeable environmental effects of the activities under the project(s) before authorization(s) is/are granted.
- for granting authorization for constructing the installations, for exploration or exploitation.
- Have you refused any on the basis of Article 4.2 of the Offshore Protocol?
- on the need to install safety mechanisms around the exploitation and/or exploration installations.
- for carrying out impact assessments (in the light of the characteristics of the exploration and/or exploitation area prior to any exploration and exploitation. (Article 5a)
- for granting authorization for scientific research and exploration alone
- for sanctions in case of non-observance
- for imposing the use of best available techniques on the operator
  - \*for exploration and exploitation
  - \*for maximal reduction of pollution
- for establishing what substances and materials are used by the operator
- for discharging harmful substances and materials in the Protocol area (Articles 9.4, 9.5 and 9.6)
- for discharging sewage.
- for processing garbage
- for approving reception installations for the disposal of waste from offshore installations
- for adopting Annexes I,II, and III of this Protocol.
- for the disposal of oil, oil mixtures and drilling fluids and cuttings
- for the joint adoption of standards for the prevention and disposal of
  - \*waste
  - \*harmful substances
  - \*oil
  - \*oil mixtures
  - \*dredging fluids and cuttings
- for the adoption of common methods of analysis
  - \*of oil content arising from the installations
  - \*of oil based drilling fluids
  - \*of dredging waste
- for the use of diesel-based drilling fluids.
- for the adoption of a contingency plan as defined by the Emergency Protocol and in conformity with the provisions of Annex VII of this Protocol.
- for notification by the operator of any incident occurring offshore or on board the installations
- for monitoring the effects of the operators' activities and the conditions governing the granting of authorizations
- \*By what body? Is it approved? Do you have a national monitoring system?

#### **At technical level**

##### **Measures adopted**

- indicate the main outlines of the operator(s) contingency plan
- Existing preventive means for avoiding pollution generated by each installation.
  
- Description of the disposal techniques for waste caused by
  - \*human activity
  - \*exploration activity
  - \*exploitation activity
  
- Planned safety measures and apparatus for the protection of human life

- for obtaining the certificate
- Description of the monitoring mechanism
- Did you require the operator to produce technical and professional qualifications before authorization was granted
- Describe the safety mechanism(s) installed around the exploitation and/or exploration installations.
- List the means, methods and mechanisms used:
  - \*for exploration and exploitation
  - \*for maximal reduction of pollution
- If there are any pipelines and cables in the area, what provisions have been adopted?
- What measures are planned for the removal of the installation?
- What precautionary measures have been adopted for the conservation of the SPAs and SPAMIs?

**At financial level**

**Measures adopted**

- on liability and reparation for damages
- other(s)

**Co-operation**

**(Articles 6,10,14,16,18,21,to 27)**

- Are authorisations notified to the MAP Co-ordinating Unit?
- measures adopted for the joint adoption of rules and standards for the prevention and disposal
  - \*of waste
  - \*of harmful substances
  - \*of oil
  - \*of oil mixtures
  - \*of dredging fluids and cuttings
- List the practices, international procedures and guidelines you have adopted in order to achieve the objectives of this Protocol.
- Are they notified to the Co-ordinating Unit?
- Are discharges of substances notified to the Co-ordinating Unit when they are caused by cases of force majeure?
- On requests for information
- Did you consult the Co-ordinating Unit? Were your requests answered?
- Did you consult any other international organisations? Were your requests answered?
- Indicate any other measure which has made technical assistance and the strengthening of co-operation possible.

**-Public information**

- Indicate any steps taken to inform the public
- Indicate any activities undertaken by the associations within the framework of this protocol.

**Obstacles**

- List any obstacles and difficulties which you may have encountered in applying this protocol.
- In terms of monitoring pollution, the SPAs and SPAMIs and the operators' activities.

- In terms of rules and regulations and standards
- In terms of the apparatus to be provided
- In terms of intersectorial relations
- In terms of relations with the associations
- In terms of co-operation
  - \*with the Co-ordinating Unit
  - \*regional co-operation

**III.7-Contracting Parties' report on implementation of the Protocol on the Prevention of Pollution of the Mediterranean Sea by Transboundary movements of Hazardous Waste and their disposal (Hazardous Waste Protocol).**

Action programme implemented in order to prevent, abate, combat and dispose of pollution caused by transboundary movements of waste, to reduce and phase out their movement, and to eliminate the generation of hazardous waste. **(Articles 5,8)**

**Pressures**

- Present situation concerning the generation of hazardous waste.
- Annual production of waste as defined in Annex I of the Protocol
- With reference to Article 6, list those hazardous wastes which cannot be disposed of in an environmentally sound manner.

**State (articles 5 and 8)**

- Full list of imports and exports of hazardous waste
- List any existing technical means and installations for the disposal of hazardous waste.  
Briefly indicate their technical specifications
- List the wastes which are disposed of there  
List those which cannot be disposed of in an environmentally sound manner within the national territory.
- List import and/or export operations which have been notified in writing by the waste exporting country, and those where consent was given by the importing and/or transit States.

**Response**

**-At the legal and regulatory level  
(Articles 5,6,7,9,14)**

- Are you a signatory to
  - \*the Basel Convention
  - \*the ACP/EEC Convention
  - \*the Bamako Convention
- Have you defined any other provisions under your national legislation on procedures regarding transboundary movements of waste.
- List those aspects of your national legislation, and the regulations, which are related to the aims of this protocol.
- Measures adopted:
  - to reduce and phase out production and dispose of hazardous waste
  - to reduce pollution which may stem from the transboundary movement and disposal of hazardous waste in terms of:
    - \*Prevention
    - \*combat
    - \*monitoring
- to reduce shipping of this type of waste in the Mediterranean.
- on importing hazardous waste
- on transit of hazardous waste towards developing countries.
- on including certain categories of waste from Annex I of the Protocol in the list of hazardous waste, subject to controls on the import and export of waste.

- to adopt Annex IV of the protocol
- to respect the passage through territorial waters of a vessel transporting hazardous waste (Article 6.4 and 6.5), for purposes of transit or re-importation (Article 7)
- to counter infringement of the provisions of this protocol

#### **At institutional level**

Indicate which institution is responsible for preventing and monitoring the illegal traffic of hazardous waste in the Mediterranean.

-How has it performed?

#### **At technical level**

**(Articles 5,8)**

- Existing means for reducing and phasing out the production and disposal of hazardous waste
- Existing means for reducing pollution which may result from the transboundary movements and disposal of hazardous waste in terms of:
  - \*Prevention
  - \*combat
  - \*monitoring
- Existing means for reducing the shipping of this type of waste in the Mediterranean
- Briefly provide any useful indications concerning existing industrial processes which do not generate hazardous waste.  
By way of comparison, indicate their equivalents which do.
- Briefly provide any useful indications concerning existing industrial processes which generate limited amounts of hazardous waste.  
By way of comparison, indicate their equivalents which generate more.

#### **-At financial level**

- What level of finance has been granted for the phasing-out of hazardous waste?
- What level of finance has been granted for the reduction of generation of hazardous waste?
- Are there any cases in which there has been compensation of damage stemming from transboundary movements and the disposal of hazardous waste?

#### **Public information**

**(Article 12)**

Do you inform:

- the public,
  - the importers,
  - the exporters,
- about waste import and export operations.
- Is information communicated to the Co-ordinating Unit.  
How?

- Do you pass on information from the parties or MAP on transboundary movements of waste.
- Do you inform the public of legal steps being taken against non-observers and of all information relating to illegal traffic?

Co-operation

**(Articles 4,5.5,8,9.5,9.6,9.7,10,11,142:14am)**



-In your national legislation have you defined any other types of waste apart from those contained in Annex I of the protocol.

-Have you informed the Co-ordinating Unit of the provisions in your national legislation which differ from those in the hazardous waste protocol, and concerning procedures for the transboundary movement of waste.

Mention anything which has made it possible to prevent illegal traffic of hazardous waste, or to punish it.

-Concerning requests for information:

Did you consult the Co-ordinating Unit, were your requests answered?

Did you consult any other international organisations? Were your requests answered?

-Do you have any co-operation protocols aiming at finding new methods for reducing and disposing of waste.

-Do you inform the parties of legal procedures instigated against any non-observer(s) and concerning all cases of illegal traffic?

-What financial assistance and technical programmes have you drawn up with the contracting parties?

#### Obstacles

-List any obstacles and difficulties you may have encountered in applying this protocol.

-In terms of monitoring of pollution, the SPAs and SPAMIs, and the operator's activities.

-In terms of rules and regulations and standards

-In terms of apparatus to be provided

-In terms of intersectorial relations

-In terms of relations with the associations

-In terms of co-operation

\*with the Co-ordinating Unit

\*regional co-operation

**III.8 Contracting Parties' report on the implementation of the Action Plan for the protection of the marine environment and sustainable development of the coastal areas of the Mediterranean  
MAP Phase II**

**Article 4.2 of the Convention**

This section proposes a report layout similar to that of Agenda 21's RIO+5. It sets out the general chapters covering the priority areas of annex II of MAP phase II.

It should provide the Coordinating Unit with a synoptic table indicating the measures implemented by the parties.

Theme

Pressures

Responses

**MAP COORDINATING UNIT**

**Report of the Contracting Parties to the  
Barcelona Convention and its protocols on the  
implementation of MAP Phase II**

**Country:**

**This report was drawn up and updated by:**

**Name of institution/service**

**Date**

**It was submitted by (Name)**

**Signature**

**Position**

**Address**

**Telephone**

**Fax**

**E-mail**

**I. SUSTAINABLE DEVELOPMENT IN THE MEDITERRANEAN**

**1. Integrating environment and development**

**1.1 Economic activities and the environment**

**Agriculture:**

Pressures

Responses

**Industry**

Pressures

Responses

**Energy**

Pressures

Responses

**Tourism**

Pressures

Responses

**Transport**

Pressures

Responses

1.2- Urban development and the environment

**Pressures**

**Responses**

**1.3 Sustainable management of resources**

**Water resources**  
Pressures

Response

**Soil**  
Pressures

Response

**Living marine resources**  
Pressures

Response

**Forests and plant cover**  
Pressures

Response

1.4 Integrated management of coastal areas

Pressures

Response

1.5 Elements of a Mediterranean strategy

**National strategy for sustainable development**

**1.6 National capacity-building**

**Present organisation**

Response  
(in terms of management of public services at central and local level, companies having an environmental impact, but also in terms of intersectorial coordination)



**2. CONSERVATION OF NATURE, LANDSCAPES AND SITES**

**Data collection and periodic assessment of the situation**

**Legal measures**

**Planning and management**

**Public awareness-raising and participation**

**Exchange of experience and improving national capacities**

**3. ASSESSMENT, PREVENTION AND ELIMINATION OF MARINE POLLUTION**

**- Assessment of pollution-related problems**

Regional level

National level

**-Pollution prevention**

Prevention and elimination of pollution of the marine environment caused by land-based activities

Regional level

National level

Prevention and combatting of pollution of the marine environment caused by offshore activities

a) Prevention of marine pollution by ships

Regional level

National level

b) Preparation for combatting, combatting and cooperation in cases of accidental marine pollution

Regional and sub-regional level

National level

c) Prevention of pollution of the marine environment by dumping from ships and aircraft

Regional level

National level

**3.a. ASSESSMENT, PREVENTION AND ELIMINATION OF MARINE POLLUTION**

**Pollution prevention**

d) Prevention and combatting of pollution of the marine environment resulting from the exploration and exploitation of the continental shelf, the seabed and its subsoil

Regional level

National level

e) Prevention and combatting of pollution of the environment by transboundary movements of hazardous waste and their disposal

Regional level

National level

- Support measures

**4. INFORMATION AND PARTICIPATION**

Pressures

Responses

## II. STRENGTHENING LEGAL FRAMEWORKS

Mention any legal instruments aimed at protecting the environment and developing the regions on a sustainable basis, which have already been published or are now being prepared

Mention any legal instruments aimed at setting up checking and periodic assessment systems for the environment in conformity with international law, which have been published or are now being prepared.

### III. INSTITUTIONAL AND FINANCIAL PROVISIONS

<b>Institutional provisions</b>
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Indicate the national focal points responsible for the follow-up and coordination of MAP activities and the circulation of its information
--

Indicate the national focal points responsible for monitoring and following-up implementation of the convention, its protocols and the activities and actions of the MAP centres
--

<b>Financial provisions</b>
-----------------------------



2. INTEGRATED MANAGEMENT OF NATURAL RESOURCES

<b>2.1 Integrated water management</b>		
Guidelines on water management		
Measures adopted to protect water resources and combat drought		
Existing instruments for the qualitative and quantitative monitoring of water resources		
Location and capacity of		
Existing installations for sewage treatment	Installations enabling the reuse of sewage	Existing installations for the treatment of brackish water

<b>2.2 Soil management</b>
Instruments for assessing and monitoring soil vulnerability
Preventive measures for soil protection and conservation
Activities for the rehabilitation of eroded land and the restoration of plant cover



**2.3 Combatting erosion and desertification**

Activities implemented

State of implementation of the convention on desertification

**2.4 Management of forests and plant cover**

Strategy for the sustainable management of forestry resources

State of implementation of the Action Programme on Mediterranean Forests

Strategy and combat plans for forest fires

Existing techniques and means of combat

<b>2.5 Management of genetic resources</b>		
Measures adopted concerning:		
In situ protection of genetic resources	Rational use of genetic resources	promotion of gene banks

**2.6 Marine biological resources**

Management of national resources and precautionary principle

Code of conduct on fishing

### 3. INTEGRATED MANAGEMENT OF COASTAL AREAS

Measures adopted towards integrated management
Techniques used for the protection of coastal areas and the coastline
Pilot areas
Training

#### 4. WASTE MANAGEMENT

Existing programmes and strategy		
Location		
of coastal towns with dumps or with controlled waste incineration plants; Capacity (t/d) and type of waste	of towns near the coastal dumps or tips incineration plants. Capacity (t/d) and type of waste	of hazardous waste controlled and/or waste treatment plants. Capacity (t/d) and type of waste
Measures adopted to prohibit the export of toxic waste to Mediterranean countries which are non members of the EEC		
Measures adopted to combat marine and coastal tips		

## 5. AGRICULTURE

National strategy and use of seed and chemical inputs

Action in favour of sustainable agriculture

National programme on rational irrigation and saving water

**6. INDUSTRY AND ENERGY**

Action undertaken:		
For the adoption of best environmentally-friendly techniques	towards adoption of clean techniques	
Description and localisation		
Action towards reducing polluting emissions and waste		
Liquid waste	Gaseous waste	Solid waste
Promoting renewable energies		



## 7. TRANSPORT

Action in favour of:	
Setting up port reception facilities for liquid waste from ships	setting up port reception facilities for solid waste from ships
Existing navigational assistance and monitoring systems	
Checks on vessels for the protection of the marine environment by the relevant conventions and protocols	

## 8. TOURISM

Action in favour of environmentally-friendly tourism

Tourism diversification programme

## 9. URBAN DEVELOPMENT AND THE ENVIRONMENT

Strategy implemented
Energy saving
Non-polluting transport
Waste management
Sustainable use of water
Living space and green areas

### 10. INFORMATION

Decision-taking process at national and local level
Processes and action towards increased public awareness
<p>Campaigns organised</p> <p>Documents and reports</p> <p>Demonstrations</p>

**11. ASSESSMENT, PREVENTION AND CONTROL OF MARINE POLLUTION**

Main sources of pollution			
Direct (Specify whether this is liquid or solid waste)	Indirect (specify whether this is liquid or solid waste)	From diffuse sources	From the atmosphere
Quality of seawater with location:			
Of the most highly polluted areas		Of non-polluted areas	

Processes followed for implementing:	
Guidelines on treatment of effluent	Guidelines on dumping of dredging spoils
Strategy on massive accidental pollution (attach national contingency plan)	

## 12. CONSERVATION OF NATURE, LANDSCAPES AND SITES

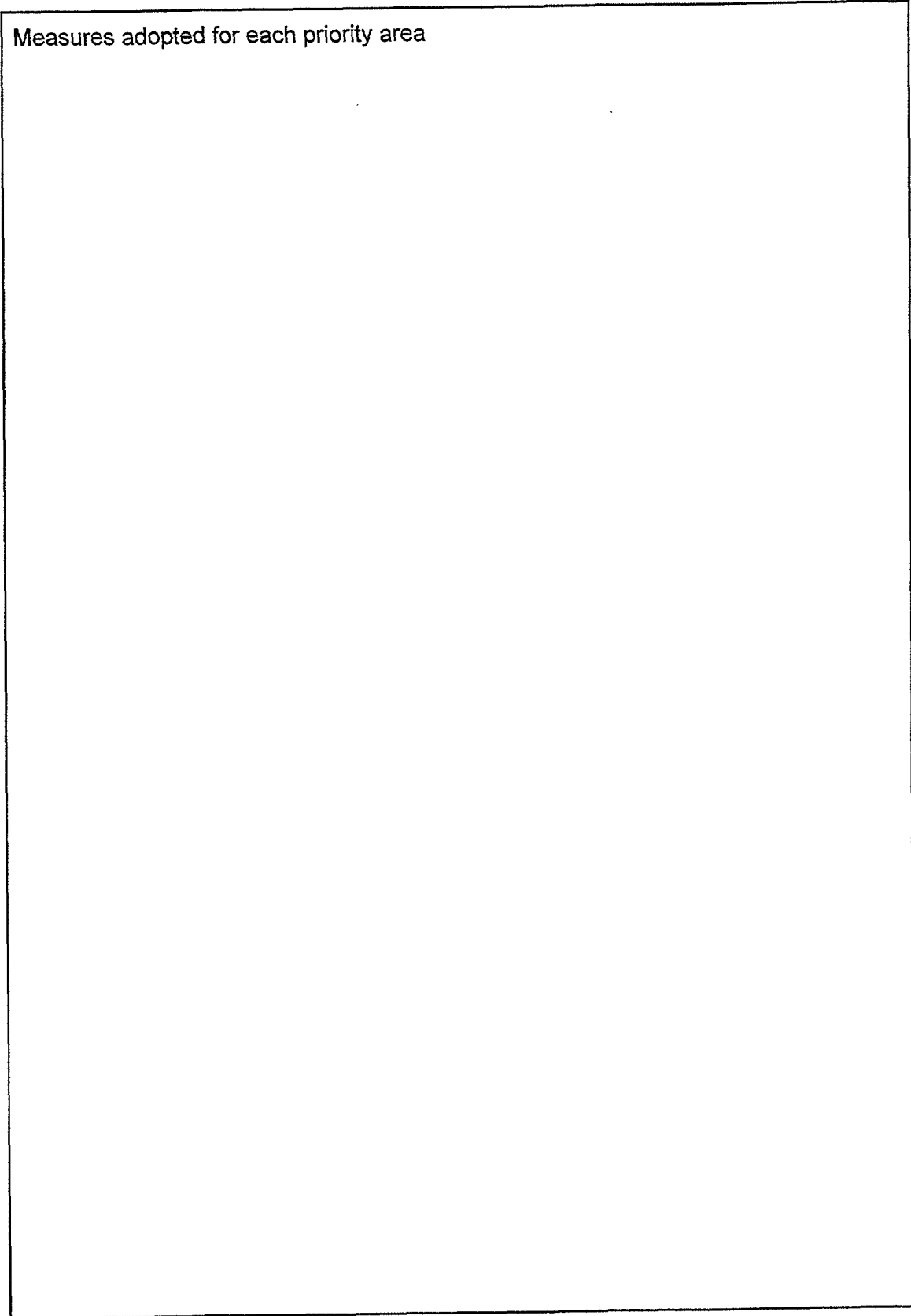
National strategy on biodiversity			
Inventory and ecological atlas			
Of elements of biodiversity of Mediterranean interest	Of threatened species	Of sites of natural value	Of sites of cultural value

Conservation and rational management of wetlands		
Land-planning policy for the coastline		
Protection programmes		
For the monk seal	For marine turtles	For marine mammals



**13. STRENGTHENING THE LEGAL FRAMEWORK**

Measures adopted for each priority area

A large, empty rectangular box with a thin black border, intended for reporting measures adopted for each priority area. The text "Measures adopted for each priority area" is located at the top left corner of the box. The rest of the box is blank.

**14. INSTITUTIONAL AND FINANCIAL PROVISIONS**

Measures adopted to create and strengthen the institutions concerned
Overall financial package allocated for implementation of the priority areas of MAP phase II
Amount allocated to each priority area