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Bridging North and South Mediterranean for the advantage of the WFD and Marine Strategy



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Regional strategy for the Protection of water resources in coastal areas in the Mediterranean



Mediterranean Action Plan

Land-Based Sources Protocol

- ❖ The amended version entered into force in June 2008
- ❖ Eliminate land-based sources of pollution (substances that are toxic, persistent, liable to bio-accumulate)
- ❖ Implement action plans with measures and time-tables to eliminate pollution



Key Issues Addressed

Land-based sources of pollution

- ❖ Coverage : coastal hydrological basins
- ❖ Sewage , industrial waste water , solid waste
- ❖ Chemicals from industrial activities
- ❖ Pesticides and nutrients used in agriculture

Art. 15 LBS Protocol

- 1 year after the entry into force of LBS Protocol (18 June 2008) countries should adopt regional action plans and programmes containing measures and timetables for their implementation for the general obligations under Art. 5



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Implementation process

Implementation Process List of Priority substances

- establish an **exhaustive list of substances** of concern for the Mediterranean
- establish a list of “**action substances**” out of the exhaustive list of substances of concern according to the following criteria:
 - the substance is covered by regional and/or international instruments regulating its use, release or phasing out,
 - the substance has an ELV or its ELV is under development either at national or at regional levels, and
 - there are evidences of the risk of the substance and /or its load on the marine environment and health
- or
 - the substance, falling under the above criteria, is accepted for inclusion after it is formally proposed by a Contracting Party during the Contracting Parties meetings.

Implementation Process Differentiation mechanism

- The implementation of temporal differentiation based on the establishment of common regionally ELVs for the “action substances” and relevant sectors.
- This process should be taken into account when preparing programmes of actions including measures and timetables.



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Implementation Process National Plan

- The Parties commit themselves to implement the above measures, according to two deadlines: xxxx and xxx.
- The Parties will decide on the deadlines for the implementation of the ELVs indicated in the table of Article III above, taking into account their national circumstances and respective capacity to implement the required measures.
- A national programme of action, including the adopted deadlines, should be prepared and communicated to the Secretariat within 180 days after the adoption of the regional plan by the Contracting Parties.



Reporting

- Countries shall make use of the biannual MAP reporting system to report on progress, barriers and difficulties in the implementation of measures included in the regional plans.

Programme of Measures -adopted-

- Programme/ action plan for the reduction of BOD5 from municipal WWTPs
- Programme/ action plan for phasing out substances contained in Annex I of the LBS Protocol and Annex A of the Stockholm Convention in particular Aldrin, Chlordane, Dieldrin, Endrin, Heptachlore, Hexachlorobenzene, Mirex, Toxaphene.
- Programme/ action plan for phasing out the production and use DDT..



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Regional Plan for reduction of BOD from municipal WWTPs

Paramètre	Zone/champ d'application	VLE (mg/l O ₂)	Observations/Dispositions
DBO ₅ à 20°C sans nitrification	Zone du Protocole "tellurique"	<=50	En postulant l'obtention d'une réduction de 70 à 90 % de la charge affluente (traitement secondaire) ¹
	Zone du Protocole "tellurique" – émissaires en mer (réf. art. 7 Protocole "tellurique")	<=200	En postulant l'obtention d'une réduction de 20 % de la charge affluente (traitement primaire) ¹ Ces VLE ne devraient être adoptées qu'en tenant compte des conditions locales et à sous réserve que les charges totales n'affectent pas le milieu marin récepteur.



Regional Plan for reduction of BOD from municipal WWTPs

- Preservation of Rights
The provisions of this Regional Plan shall be without prejudice to stricter provisions respecting the reduction of BOD5 from urban waste water contained in other existing or future national, regional or international instruments or programmes.



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Regional Plan for reduction of BOD from municipal WWTPs

- The Parties commit themselves to implement the above measures, according to two deadlines: 2015 and 2019. The Parties will decide on the deadlines for the implementation of the ELVs indicated in the table of Article III above, taking into account their national circumstances and respective capacity to implement the required measures.

Programme of measures -under preparation-

- Regional plan for the reduction of inputs of Mercury:
 - Fixing ELVs for effluents
 - Best Practices to reduce inputs of mercury from Waste , Agriculture, Laboratories, Dentistry etc

Programme of measures -under preparation-

- Regional plan for the reduction of BOD from food sector
 - Fixing ELVs for effluents from Dairy, Fruit and Vegetables, Breweries, Winery, Fish processing, Sugar manufacturing, vegetable oil, Canning and Meat processing industries

Programme of measures -under preparation-

- Regional Plan for phasing out several chemicals
 - 9 Chemicals recently included in the frame work of Stockholm Convention



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Implementation of ecosystem approach to the management of human activities in the Mediterranean



ECAP Road map

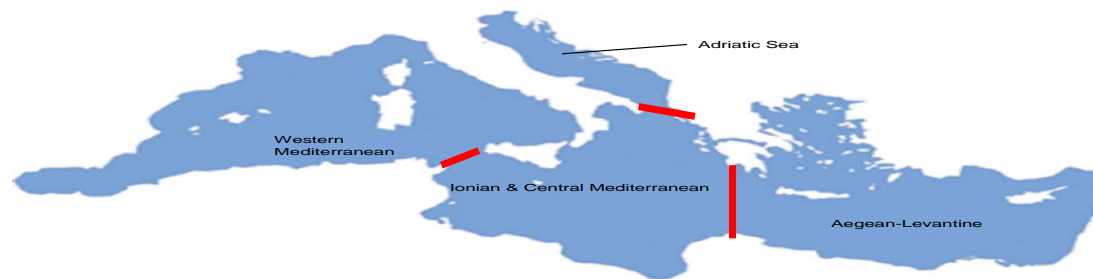
- Definition of an ecological Vision for the Mediterranean
- Setting of common Mediterranean strategic goals
- Identification of important ecosystem properties and assessment of ecological status and pressures
- Development of a set of ecological objectives corresponding to the Vision and strategic goals

ECAP Road map

- Derivation of operational objectives with indicators and target levels
- Revision of existing monitoring programmes for ongoing assessment and regular updating of targets
- Development and review of relevant action plans and programmes

Objectives

The ECAP road map requires that an assessment of the **ecological status** and of **pressures and impacts** is undertaken in four different regions of the Mediterranean, identified based on bio-geographic and oceanographic considerations.



The role of the Barcelona Convention (i)

MSFD

Assessment

“In respect of each marine region or subregion, Member States shall make an initial assessment of their marine waters taking into account of existing data where available...”

Barcelona Convention

An assessment document is under preparation in the 4 MSFD subregions in the frame of Ecosystem Approach

The role of the Barcelona Convention (ii)

MSFD

Determination of Good Environmental Status

“... By reference to the initial assessment made pursuant to Article 8(1), Member States shall, in respect of each marine region or subregion concerned, determine, for the marine waters a set of characteristics for good environmental status, on the basis of qualitative descriptors listed in Annex I.”

Barcelona Convention

will be the basis for the development of Ecological Objectives in the framework UNEP/MAP participated as an observer in the development of criteria and methodological standards for the determination of “Good Environmental Status” in Europe (11 Descriptors and relevant indicators).

The descriptors and indicators determined by the EU Commission Decision of the ECAP

The role of the Barcelona Convention (iii)

MSFD

Establishment of environmental targets

“... establish a comprehensive set of environmental targets and associated indicators for their marine waters so as to guide progress towards achieving good environmental status in the marine environment, taking into account the indicative list of pressures and impacts set out in Table 2, Annex III...”

Barcelona Convention

Targets and indicators are under development in the framework of the Ecosystem Approach.



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Thank you for your Attention

