

QUESTIONNAIRE REGARDING THE STATE OF APPLICATION OF THE WATER FRAMEWORK DIRECTIVE 2000/60/EC

PARTNER REGIONE TOSCANA

REGION ITALIA

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INTRODUCTION

MAREMED – Maritime Regions cooperation for Mediterranean, is a project started in 2010 and co-funded by the MED Programme, that involves 15 partners among Regions and local administrations from France, Italy, Spain, Greece and Cyprus together with the [Conference of Peripheral Maritime Regions](#) (CPMR)

The project is dealing with the following themes: maritime policy governance, the integrated management of coastal and maritime areas, fisheries, adaptation to climate change in coastal areas, efforts to reduce pollution and data management.

Its objective is to develop tools for enhancing and coordinating regional, European and Mediterranean policies on these six thematic strategies

Within the first work phase (the present one) it will be carried out an overview of the policies implemented and their governance by the project partners. In the second phase will identify pilot coastal zones in which promote transnational management initiatives and share operational tools to aid in decision-making for the six thematic strategies.

PREPARATION AND AIM OF THE QUESTIONNAIRE

This questionnaire has been elaborated by FEPORTS (Comunidad Valenciana, Spain) on the basis of the UE Water Framework Directive (WFD), with the advice of the Head of the Water Quality Service in the Environment Ministry of the Valencian Region and the responsible of environment issues of the Valencia Port Authority. It has been presented to the EC DG Environment and integrated after this consultation. The Questionnaire has been presented to the MAREMED partners in the meeting hold in Marseille the last 26th November and has been modified/integrated on the basis of the discussion.

This questionnaire aims at determining and comparing the current state of implementation of the Water Framework Directive (WFD) from the point of view of the coastal waters in the regions involved in the project;

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gain an outline of the problems and obstacles hindering implementation; and to identify the parties involved and the bodies which are responsible for ensuring compliance with the WFD in each region. Also its intended to identify best practices and areas for improvement and to create synergies between the different regions involved which can help to overcome the obstacles encountered. Finally, a further goal is to be able to make recommendations and guidelines which will help to improve the level of implementation and compliance with the WFD and thereby meet the deadlines and objectives previously set.

The Questionnaire will contribute to create an informative framework useful for decision makers at regional, national and European level. Partners and voluntary regions are kindly asked to fill-in the questionnaire and send back it to FEPORTS before February the 28th in your language and before the March the 11th in English.

The WFD creates a legal framework to protect and restore clean water across Europe and ensure its long-term, sustainable use (its official title is Directive 2000/60/EC of the European Parliament and of the Council of 23 October 2000 establishing a framework for Community action in the field of water policy.)

The Directive establishes an innovative approach for water management based on river basins, the natural geographical and hydrological units, and sets specific deadlines for Member States to achieve ambitious environmental objectives to protect aquatic ecosystems. The Directive addresses inland surface waters, transitional waters, coastal waters and groundwater, and it establishes innovative principles for water management, including public participation in planning and economic approaches, including the recovery of the cost of water supply services.

Annex V of the Directive lists the quality indicator to be measured to determine ecological status. It also sets out a five-step classification of surface water bodies and calls for joint work on intercalibration.

Please, justify your answers and attach references to documents or Internet links if appropriate. Use the space you need but keeping in mind to be precise and clear in the explanations. You can modify/adapt the questionnaire to the context of your region if necessary and by consulting previously the coordinators of the WFD MAREMED working group:

- David Incertis: dincertis@feports-cv.org
- Ana Subirats: asubirats@feports-cv.org

PART 1: GOVERNANCE

Please, address to the document “Diagnostic of Governance of Maritime Policies” in order to answer to questions relating to Governance of the WFD .

PART 2: OPERATIONS

1 - Have frameworks been developed for water planning been drawn up in your river basin district? Are there river basin management plans?

Yes, they have been adopted in the Regione Toscana.

- **The Northern Apennines River Basin Management Plan**
- **The Serchio River District Management Plan**
- **The Central Apennines River Basin Management Plan.**

2 - Has there been any kind of initial survey with regard to water planning in your river basin district? What framework or tool has been used for this?

All the controls provided for coastal waters have been put in place by Legislative Decree no. 152/06 and subsequent modifications and for bathing waters by Legislative Decree no. 116/08 and Ministerial Decree 30 March 2010.

3 - What is the current status of the planning process in your region? Has it finished?

In 2010 management plans were adopted for the three river basin districts of the Regione Toscana; the process is not finished because it is expected to achieve the planned targets by 2015. Therefore it is indispensable to carefully follow the implementation of the measures established to attain or maintain the quality conditions of the waters.

4 - Are the WFD implementation deadlines being met? What operational difficulties have been encountered?

The Directive 2000/60/EC has now been fully transposed by Italy with the approval of Legislative Decree no. 152/06, of Ministerial Decree No 131/08, of Ministerial Decree No. 56/09 and, finally, Ministerial Decree No. 260/2010; on the regional level the extensive application process is still not completed and there are still several difficulties making the new system created by ARPAT for monitoring and classifying coastal water bodies reach normal operating conditions.

5 - Have the river basin district(s) which your region belongs to been the subject of a study regarding the impact of the pressures of human activity on the water in the maritime and port areas?

Yes, the Regione Toscana, has implemented studies in the territory of the river basins, on the pressures and impacts of human activities on coastal waters and port areas in order to prepare the Water Protection Plan and meet the obligations of Ministerial Decree No. 131/08 on the typing of coastal water bodies.

6 - Does your region have a register of the maritime protected areas? What kind of control is carried out on them?

In Regione Toscana there is a register of protected marine areas, but currently only the protected marine area of the Secche della Meloria has been instituted.

7 - Does your region differentiate between bodies of coastal water depending on their chemical or ecological state? Are the waters in port areas given special consideration?

Yes, coastal waters have been classified separately according to their chemical state and ecological state in accordance with Legislative Decree No. 152/99; the new quality state has not yet been assigned in accordance with Ministerial Decree No. 260/2010 because it was only recently published in the Official Gazette. For port waters no specific controls have been established by law, but the Regione Toscana implemented a trial in the Livorno port through the MOMAR project funded under the Italy-France Cross-border Maritime P.O."

8 - Has your river basin district taken part in intercalibration¹ exercises for its coastal waters? Does your river basin district belong to a network of intercalibration points?

Yes, the Regione Toscana for many years took part in the intercalibration exercise for the coastal waters of the Mediterranean Sea and is part of a network of European intercalibration points.

9 - In your district, has any network been set up to monitor the chemical quality of coastal waters and their ecological potential? If so, specify its structure.

The chemical and ecological monitoring is carried out in accordance with the obligations laid down by Legislative Decree No. 152/06 and subsequent amendments, the operating arm of the Regione Toscana for the implementation of the monitoring of coastal waters is the Regional Agency for Environmental Protection (ARPAT).

10 - What parameters are considered by the monitoring networks? How often does

monitoring take place?

The monitored matrices are: Phytoplankton, Zooplankton, Macroalgae, Coralligenous, Benthic macroinvertebrates, Current meter regime, Basic chemical and physical elements, specific pollutants, Sediment, Biota; controls are conducted at intervals varying from fortnightly to yearly, depending on the matrices to be examined.

11 - Are the following issues monitored in coastal and port waters in the geographical district in which your region is located?

- a) State of biodiversity
- Yes
? Yes, partially
? No
- **Monitoring required by Legislative Decree No. 152/06 as amended**
- **Project BioMarT**
- **Project Gionha**
- b) Disturbance of marine ecosystems, the presence of foreign species
- ? Yes
? Yes, partially
? No
- Monitoring of *Ostreopsis ovata* pursuant to Legislative Decree No. 116/08 and Resolution of the Regional Council of Tuscany No 1094 of 20 December 2010**
- c) The commercially exploited fish and shellfish populations
- Yes
? Yes, partially
? No
- The responsibility for controls of fish and shellfish intended for marketing is the responsibility of the Prevention Services Office of Public Veterinary Health**
- d) The stability of the sea bed
- ? Yes
? Yes, partially
? No
- If so, what kind of monitoring:
- e) Concentration of pollutants in the water
- Yes
? Yes, partially
? No
- Monitoring required by Legislative Decree No. 152/06 as amended and the deliberation of the Regional Council of Tuscany no. 100/2010**

Yes

f) Presence of marine waste

? Yes, partially

? No

Monitoring required by Legislative Decree No. 152/06 as amended and with riders for drain pipes into the sea and direct ingress

12 - In order to comply with the WFD planning, the ecological potential and chemical quality of the waters should be in the process of being classified. Has such classification been carried out for coastal waters, including those in port areas? If not, what is the current status of this classification?

The port waters are excluded from classification and typing; coastal water bodies have not yet been classified because Ministerial Decree No. 260/2010 laying down the technical criteria for classifying the state of water bodies was published in the Official Gazette No. 30 of 7 February 2011. The first classification will be available by mid 2011.

13 - What difficulties have been encountered in your district with regard to the implementation of monitoring networks? Technical, operational, financial...?

The main difficulties were encountered during the complicated phase of selecting sites for monitoring; financial difficulties arose due to the large number of sites to be monitored and the matrices required by relevant legislation.

14 - In your river basin district, are there any special differences in the implementation of these networks for inland waters and those for territorial coastal waters? What are they?

Yes, in Regione Toscana three different monitoring networks have been set up based on the European implementation: - Inland surface waters - transitional waters - coastal waters.

15 - Is there a database which records the pressures on coastal and transitional waters, so that the bodies of coastal waters in your region can be identified and quantified? State its name and who is responsible for it.

All the results of the tests on coastal waters and transitional waters are entered by the Regione Toscana into the WISE system and sent to ISPRA, which processes them and forwards them to the competent European Commission.

16 - Does your region or district have a census or register of all the coastal or maritime

waters from which water is taken for different uses?²

The Regione Toscana has a list of coastal waters and waters for the life of the shellfish that are controlled in accordance with Decree Law No. 152/06 and subsequent amendments and riders

17 - Do you have any recommendations or methodologies for the integrated management of bodies of water in coastal and/or port areas in your country, region or river basin district? If so, specify the legal or administrative framework which this tool forms part of.
In the Regione Toscana there is no legal or administrative framework for the integrated management of the coastal strip.

PART 3: ECONOMIC ISSUES

18 - Is there any devoted budget for the establishment of the WFD policy in your region?

There is no specific budget for the FWD in Tuscany, but institutional monitoring is guaranteed and performed by the Regional Agency for Environmental Protection of Tuscany.

19 - Has your region been the subject of an economic analysis or study concerning the use of coastal waters or those of port areas?

No, a specific economic analysis for coastal waters has not yet been completed in Tuscany. A preliminary approach to the economic analysis was the subject of the Northern Apennines River Basin Management Plan, the Serchio River District Management Plan and the Central Apennines River Basin Management Plan adopted in 2010.

20 - Do these studies analyze the economic impacts and how industrial development is conditioned by the requirements of the WFD regarding maintaining water quality? Specify these.

As indicated in answer 19, the Regione Toscana has not conducted an economic analysis specific to its coastal waters.

21 - Have cost-benefit analyses been carried out regarding the implementation of the WFD in coastal waters? Specify which studies they are and their availability.

See answer 19 and 20.

22 - What are the main economic barriers that have been encountered in your region or

² Industrial uses, fish farms, desalination to produce drinking water, etc.

district hindering compliance with the WFD?

See answer 19 and 20.

Head of

Protezione e Valorizzazione Fascia Costiera e dell'Ambiente Marino

[Protection and Development of the Coastal Strip and Marine Environment]

Ing. Gilda Ruberti

Florence, 23 February 2011