



DATA AND CARTOGRAPHIC TOOLS

This questionnaire is the basis of our Data diagnostic for MAREMED project.

The Data theme crosses all the other thematic. The possibility to manage data and do cartographies is one of the key points to have an Integrated maritime vision.

To understand better your problems and give good messages to the EU Commission, we thank you to answer to the questions with explanations of your situation.

QUESTIONNAIRE

Do you have DATA Management infrastructure in your organization or in association with other organization, that you can use for the coastal management?

YES

If Not

Thank you to explain why and what kind of problems do you have ?

Financial ?

Technical ?

Juridical ?

Not a political priority ?

If Yes (or in association with other organization)

1- ORGANIZATION

- Is it an Internal or External management ? (with a company, research laboratory, coastal zone observatory, special organization with other governance levels) ?

PARTLY INTERNAL, PARTLY IN COLLABORATION WITH LAMMA AND ARPAT (REGIONAL AGENCIES)

- What kind of organization do you have?

SEVERAL REGIONAL STRUCTURES (SECTOR) COLLABORATING TO IMPLEMENT AND MANAGE DATA

Do you have an office specially dedicated to the global management of your data?

SEVERAL OFFICES AND TWO AGENCIES

Do you have thematic management for all or a part of the data?

THEMATIC DATA IS PARTLY MANAGED BY REGIONE TOSCANA AND PARTLY BY THE TWO AGENCIES (LAMMA AND ARPAT)

How do you organize the data management for the MAREMED thematic:

Fishing:

Do you have data management for this theme ?

YES

In a specialized fishing office?

YES, THERE ARE A SEVERAL SPECIALIZED OFFICES: I.E. REGIONE TOSCANA, ARPAT AND CIBM

Are these data related to the regional global data set to complete an integrated vision?

NO, THESE DATA ARE ONLY PARTIALLY USED IN A GLOBAL DATA SET ON BIODIVERSITY (I.E. RENATO-BIOMART)

What kind of data related to this theme do you manage or use?

GEOREFERENCED ABUNDANCE IN THE SEA AND OTHER BIOLOGICAL DATA OF ALL GROUND FISH SPECIES.

LANDINGS SAMPLING DATA OF COMMERCIAL FISHERIES AND SPATIAL DISTRIBUTION OF BOTH FISHING EFFORT AND CATCHES

TOTAL DAILY CATCHES AND GEOGRAPHICAL DISTRIBUTION OF SPECIAL FISHERIES: I.E. TRANSPARENT GOBY AND EEL FISHERIES

Adapting to Climate Change :

Do you have data management for this theme?

YES

In a specialized Climate Change office?

LAMMA AND REGIONE TOSCANA

For example, do you have observations or atlases for erosion, extreme events like marine flood, rain, tempests, low pressure ...

YES, WE HAVE DONE SOME RESEARCH IN COLLABORATION WITH ICRAM ABOUT THE RISK OF FLOODING IN THE CASE OF SEA LEVEL RISE IN THE VERSILIA ALLUVIAL PLAIN.

Are these data related to the regional global data set to complete an integrated vision?

YES

What kind of data related to this theme do you manage or use ?

SEA LEVEL RISE RATES, SHORELINE EVOLUTION, NEARSHORE MORPHOLOGY, LONGSHORE SEDIMENT TRANSPORT RATES, FLUVIAL SEDIMENT TRANSPORT RATES.

ICZM:

In a Integrated maritime vision, the ICZM data organization could be the data platform for coastal management.

Do you have data management for this theme?

YES ABOUT COASTAL EROSION DEFENCE STRATEGY AND PLANNING AND QUALITY OF BATHING WATERS

In a specialized ICZM office ?

YES

Are these data related to the regional global data set to complete an integrated vision ? **YES, SHORELINE EVOLUTION, NEARSHORE MORPHOLOGY, LONGSHORE SEDIMENT TRANSPORT RATES, FLUVIAL SEDIMENT TRANSPORT RATES, CONTINENTAL SHELF SAND AND GRAVEL RESERVOIRS, COASTAL DUNES MORPHOLOGY AND EVOLUTION MONITORING, BEACH SAND TEXTURE AND PETROGRAPHY, NUMERICAL MODEL SIMULATION OF FUTURE EVOLUTION, COASTAL PROTECTION STRUCTURES INVENTORY, COASTAL ZONE GEOMORPHOLOGIC MAP, ENVIRONMENTAL IMPACT STUDY FOR THE EXPLOITATION OF POTENTIAL RELICT SAND AND GRAVEL RESERVOIRS LOCATED ALONG THE TUSCAN CONTINENTAL SHELF TO BE USED FOR ARTIFICIAL BEACH NOURISHMENT INTERVENTIONS**

What kind of data related to this theme do you manage or use ?

Water-Framework Directive:

Do you have data management for the parameters analyzed for W. F. Directive?

YES

In a specialized WFD office?

ARPAT

Are these data related to the regional global data set to complete an integrated vision?

PARTLY

What kind of data related to this theme do you manage or use?

Oil Spill pollution:

Do you have data management for planification of the fighting against pollution ? NO

In a specialized office ?

Are these data related to the regional global data set to complete an integrated vision ?

What kind of data related to this theme do you manage or use ?

Integrated organization:

- For Fishing, Adapting to climate change in coastal zone, ICZM, WFD, REACH, fighting against pollution, fauna and flora, do you have special organization for data? Do you have links among these thematic in terms of data?

NO

- Or No links are made in the different offices for data (the current case), Data of ICZM are not connected with data of fishing...

YES

- What do you think it would be possible to do for improving the situation? (a special meeting of MAREMED will be organised for that)

DEFINING AN INTEGRATED CONCEPTUAL DATA MODEL, TO HELP US REVISING OUR GOVERNANCE ORGANIZATION

- To be recognized in the MAREMED website, we thank you to give links directly to find each theme in your website

2 -BUDGET :

Do you have a special budget for data management ?

IT DOESN'T EXIST A SPECIFIC BUDGET DEDICATED TO WFD IN REGIONE

**TOSCANA. NEVERTHELESS ARPAT (SEE ANSWER N. 19 PREVIOUS QUESTIONNAIRE)
MAKES AN INSTITUTIONAL MONITORING**

For the global management of your data or for some thematic data?

Do you use regional ERDF or ERDF from European projects for data acquisition?

YES FOR ICZM

Do you receive national budget for one or more kind of data ?

NO

What are your needs?

What are your suggestions for the next financial period (2014 2020)?

3- HARDWARE AND SOFTWARE :

What kind of systems do you use? Standards : WFC, WFS, WMS (site OGC)?

WMS (PARTLY)

4 - DATA management regarding INSPIRE DIRECTIVE :

What kind of DATA do you manage? (you can do a reference to the information given in the chapter 1)

ANNEX I: 1, 2, 3, 4, 5, 6, 7, 8, 9;

ANNEX II: 1, 2, 3, 4;

ANNEX III: 1, 2, 3, 4, 10, 13, 14, 18, 21

We thank you to send a list of your metadata. If the data are related to the INSPIRE Directive you can comment directly the INSPIRE Annexes given in word format,

NOT AVAILABLE

You can find the INSPIRE Directive in all MAREMED languages in the MAREMED website:

<http://www.maremed.eu/index.php?act=1,5,3>

<http://www.maremed.eu/index.php?act=1,5,3,,,,en> (English link)

Moreover, we constituted an extract of the Directive with just the Annexes in each language of MAREMED project. (in attachment of this questionnaire and in gmail tool).

We thank you to comment the annexes directly in the text and explain your situation regarding the parameters concerned.

For each parameter;

Thank you to explain if ;

- You manage this kind of data?

- You have local or national guidelines to collect this parameter ? If yes ; thank you to send it to us to cross experiences

5 - JURIDICAL STATUS OF DATA - DISSEMINATION

Are you proprietary of your data ?

YES

Do you have an “open data” policy ?

PARTLY

Do you have a geoportal to open the possibility to pick-up the data ?

PARTLY

For your internal needs only

For the public bodies

For all users

YES

What are the links with your state ?

Do you send data to the state ? What kind of parameter (for fishing or WFD for example)

WFD

Do you receive regularly data from your state ?

NO

6 - TRAINING OF FUNCTIONARIES IN CHARGE OF DATA MANAGEMENT AND/OR COASTAL MANAGEMENT

What are your financial or technical needs for;

- The data managers

- The coastal managers

Does this kind of training exist in your region or state?

YES FOR COASTAL MANAGERS AT BOTH REGIONAL AND STATE LEVEL

7 - WORKS WITH YOUR NEIGHBOURS

Have you ever worked with your neighbour regions to do common cartographies/mapping?

SOMETIMES

Thank you to give examples

WITH LIGURIA AND LAZIO REGIONS ABOUT COASTAL MAPS

8 - PREPARING PILOT ACTIONS COMPONENT

- Awareness raising about INSPIRE Directive: (For Pilot Action Component)

This Directive must help the multilevel governance of territories but it is not sufficiently known and applied.

MAREMED will organise one day training for the partnership with European functionaries to explain this Directive to key actors of coastal management in your region

Give us suggestions of these key actors in your case, how many person will participate to this training ?

Give us suggestions about questions you would want to see put on the debate during this training (for example, juridical, financial or technical impact of the Directive ...)

TECHNICAL: DEFINING AN INTEGRATED CONCEPTUAL DATA MODEL

The result of the diagnostic will be presented during the training.

- Participation to test of EMODNET

Could you send a set of data like bathymetry or habitats, fauna and flora inventories, to participate to this test ?

NO

- Interopérability test:

In the pilot actions we decided to test of link of our systems with our neighbours to a have an example of common map. This will prove the interest to take into account the regions for the application of the different European Directives and white papers..

We thank you to confirm to us that it will be possible to work on :

- Erosion (evolution of coastal line since 40 years)

YES

- Habitats, CIZ, Fauna and flora, Natura 2000

- Spatial planning in link with Economical activities in an integrated land and sea space.