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?

If Not

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

Financial ?

Technical ?

Juridical ?

Not a political priority ?

It does not exist a centralized system and only in some departments.

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) ?

- What kind of organization do you have? Partly the Oceanography Centre under the umbrella of University of Cyprus.

+Do you have an office specially dedicated to the global management of your data? No

+Do you have thematic management for all or a part of the data? *It depends on each department, they do not follow the same structure.*

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, in the Department of Fisheries and Marine Research (DFMR).*

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? Data of Aquaculture, Fishing resources and Environmental data.

Adapting to Climate Change :

Do you have data management for this theme? *No*

In a specialized Climate Change office?

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

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 ?

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? *No*

In a specialized ICZM 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 ?

Water-Framework Directive;

Do you have data management for the parameters analyzed for W. F. Directive? **Yes, and follows as well INSPIRE Directive.**

In a specialized WFD office? **Yes, in the Water Development Department.**

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? **Biological and physicochemical data.**

Oil Spill pollution;

Do you have data management for planification of the fighting against pollution ? **Yes, and follows as well INSPIRE Directive.**

In a specialized office ? *Yes, the Cyprus Oceanography Center.*

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? **Currents, winds, waves – generally online and online oceanographic data and marine metadata bases.**

Integrated organization; NO

- 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?

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

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

  -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 ? **No.**

For the global management of your data or for some thematic data? **No, only thematic data.**

Do you use regional ERDF or ERDF from European projects for data acquisition? *Oceanography Center Cyprus*

Do you receive national budget for one or more kind of data ? **Yes in the departments which data management is existed.**

What are you 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) ?

We don't have one data system for all the previous thematic.

For Fishing the Department of Fisheries and Marine Research (DFMR) use the Database Management Fisheries Resources.

For Water-Framework Directive the Water Development Department use SYMOS.

For oil spill pollution the Cyprus Oceanography Center use the Forecasting system for oil spill pollution, the CYCOFOS/MEDSLIK.

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)

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,

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

The Water Development Department for Water-Framework Directive and the Cyprus Oceanography Center for oil spill pollution has adapted the Inspire Directive in their programs.

5 - JURIDICAL STATUS OF DATA - DISSEMINATION

Are you proprietary of your data ? **Yes**

Do you have an "open data" policy ? **No**

Do you have a geoportal to open the possibility to pick-up the data ? **No**

For your internal needs only **Yes**

For the public bodies **No**

For all users **No**

What are the links with your state ?

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

- do you receive regularly data from your state ?

They are government departments.

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, only Oceanography Centre in Cyprus provide this kind of training.***

7 - WORKS WITH YOUR NEIGHBOURS

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

Thank you to give examples ...

Only the Cyprus Oceanography Center for oil spill pollution has worked with Mediterranean Countries and REMPEC (Regional Marine Pollution Emergency Response Centre) under of different related program, especially with Israel, Syria and other Mediterranean Countries.

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 ...)

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 ?

- **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)

- Habitats, CIZ, Fauna and flora, Natura 2000

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