



# 1<sup>st</sup> Regional workshop on indicators of the ENI-SEIS II South Project Copenhagen, 17 – 18 May 2017.

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The role of Info-RAC in the ENI SEIS II South Project

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Céline Ndong (Info-RAC) /18 May 2017/ European Environment Agency (EEA).

# Info-RAC establishment

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- 1993:** Environment Remote Sensing Centre (**ERS/RAC**) established
- 2005:** Information and Communication Centre (**INFO/RAC**) established, (14th MoCP, Portoroz)
- 2008:** **Governance paper**, decision IG 17/5 of the 15th MoCP, Almeria
- 2009:** **Mandates of the Components of MAP**, Decision IG.19/5 of the 16th MoCP, Marrakech
- 2010:** info-RAC operated by ISPRA (Italian National Institute for Environmental Protection and Research, Rome)

# Thematic areas

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- Information and communication technology
- Information sharing, communication, education, training and awareness-raising
- Dissemination of results from environmental research and from innovative observation and monitoring technology

# Info-RAC mission and infoMAP

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The objective of info-RAC is to contribute to **collecting and sharing information**, raising **public awareness** and **participation** and enhancing **decision-making processes** at the regional, national and local levels

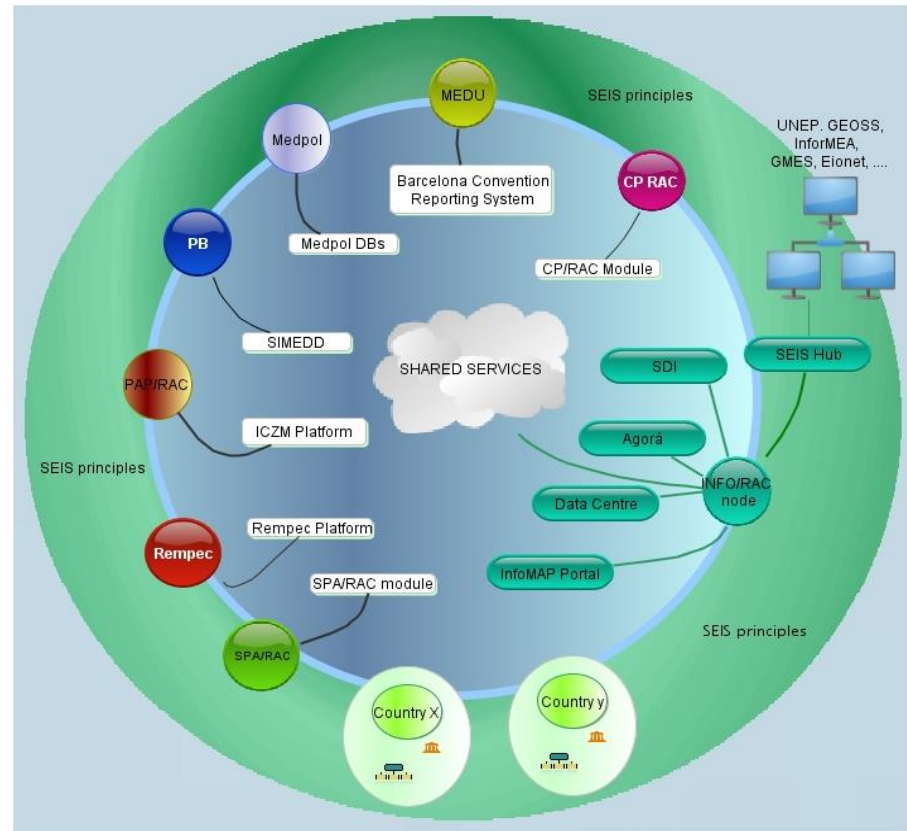
## The infoMAP system:

*infoMAP is the UN Mediterranean knowledge platform conceived to provide and share data, information services and knowledge for the benefit of the Mediterranean Action Plan components and Contracting Parties [...]*

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# Overview of the infoMAP system

- **MAP components nodes**  
(*CU, MedPol, RACs*)
- **Regional node**  
(*Portal, Spatial Data Infrastructure, Data Centre and shared services*)
- **Country nodes**



# Regional services of the infoMAP system

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- **infoMAP Portal:** one-stop-shop access to infoMAP nodes and other data services of regional level
- **Data Centre:** to provide overall functionalities on data produced and elaborated by MAP

# Regional services of the infoMAP system

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## People directory

Store users credentials and Information and allow to implement a SSO mechanism between infoMAP services

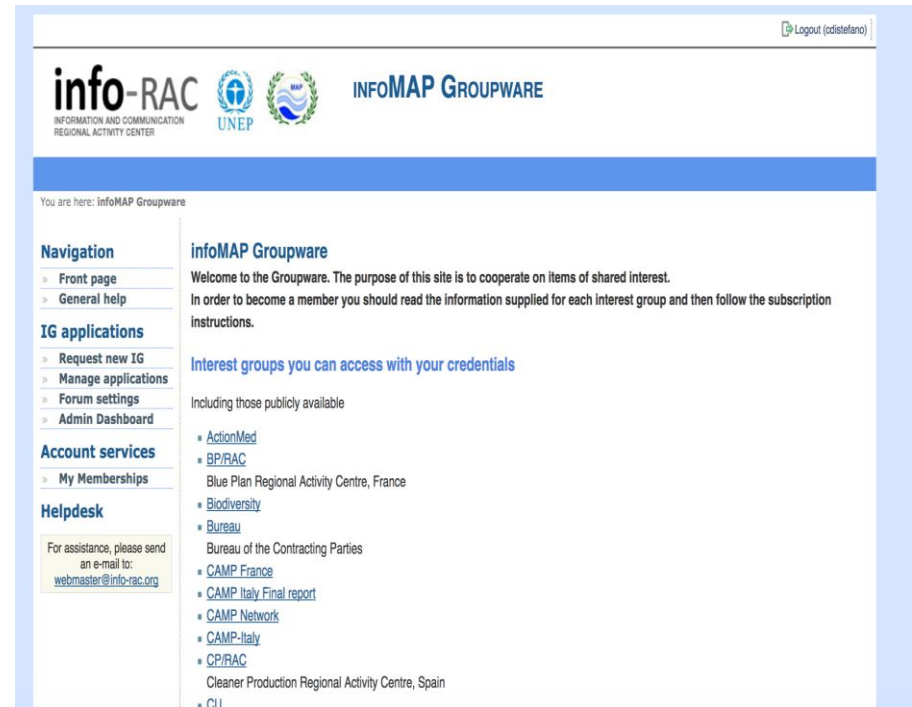
### Editing user data for Cristian Di Stefano (cdistefano)

First name: *	<input type="text" value="Cristian"/>
Last name: *	<input type="text" value="Di Stefano"/>
Job title:	<input type="text" value="Information and communication technology expert"/>
E-mail: *	<input type="text" value="cristian.distefano@isprambiente.it"/>
URL:	<input type="text" value="http://www.sinanet.isprambiente.it"/>
Postal address:	<input type="text"/>
Telephone number:	<input type="text" value="+39 0650074040"/>
Mobile telephone number:	<input type="text"/>
Fax number:	<input type="text"/>
Organisation:	<input type="text" value="INFO/RAC"/>

# Regional services of the infoMAP system

## Groupware

Web application that offers a set of tools useful to share documents, drafts.... among MAP Components



The screenshot displays the 'infoMAP Groupware' web application interface. At the top, there is a navigation bar with the 'info-RAC' logo (Information and Communication Regional Activity Center), the UNEP logo, and the 'INFOMAP GROUPWARE' title. A 'Logout (odistefano)' link is visible in the top right corner. Below the navigation bar, a blue horizontal bar contains the text 'You are here: InfoMAP Groupware'. The main content area is divided into two columns. The left column contains a 'Navigation' menu with links for 'Front page' and 'General help'. Below this is an 'IG applications' section with links for 'Request new IG', 'Manage applications', 'Forum settings', and 'Admin Dashboard'. Further down is an 'Account services' section with a link for 'My Memberships'. At the bottom of the left column is a 'Helpdesk' section with a text box containing the email address 'webmaster@info-rac.org'. The right column features the 'infoMAP Groupware' heading, a welcome message, and a section titled 'Interest groups you can access with your credentials'. This section lists several interest groups, including 'ActionMed', 'BP/RAC' (Blue Plan Regional Activity Centre, France), 'Biodiversity', 'Bureau' (Bureau of the Contracting Parties), 'CAMP France', 'CAMP Italy Final report', 'CAMP Network', 'CAMP-Italy', 'CP/RAC' (Cleaner Production Regional Activity Centre, Spain), and 'CU'.



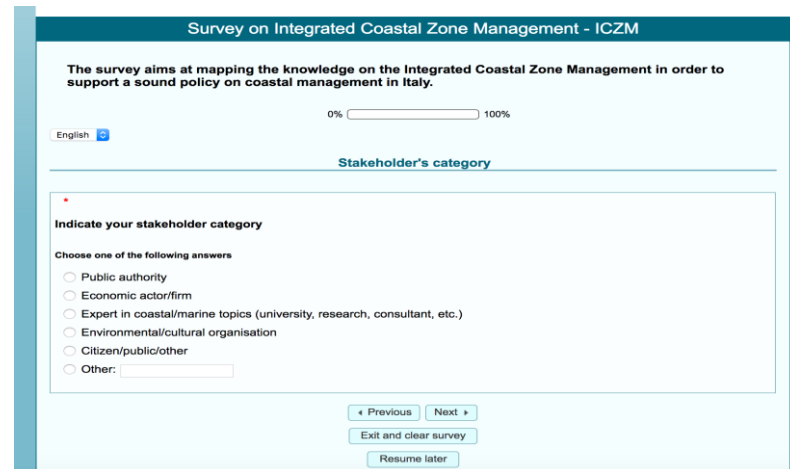
# Regional services of the infoMAP system

## Surveys

Open source web tool  
for online surveys  
Surveys can be open  
to general public or  
closed on invitation



The screenshot shows the info-RAC website interface. At the top left is the info-RAC logo with the text "INFORMATION AND COMMUNICATION REGIONAL ACTIVITY CENTER". To the right are the logos for the MAP (Marine Activity Platform) and UNEP. The main content area is a light blue box with the text: "The following surveys are available:", "Survey on Integrated Coastal Zone Management - ICZM", and "Please contact Administrator ( surveys@info-rac.org ) for further assistance." Below this is a language dropdown menu set to "English - English". The footer of the page contains the text "info-RAC" and "Surveys".



The screenshot shows the "Survey on Integrated Coastal Zone Management - ICZM" page. The title bar at the top reads "Survey on Integrated Coastal Zone Management - ICZM". The main text states: "The survey aims at mapping the knowledge on the Integrated Coastal Zone Management in order to support a sound policy on coastal management in Italy." Below this is a progress indicator showing "0%" and "100%". There is a language dropdown menu set to "English". The section "Stakeholder's category" is highlighted. Below it, a red asterisk indicates a required field. The text "Indicate your stakeholder category" is followed by the instruction "Choose one of the following answers". The options are: "Public authority", "Economic actor/firm", "Expert in coastal/marine topics (university, research, consultant, etc.)", "Environmental/cultural organisation", "Citizen/public/other", and "Other: [input field]". At the bottom right, there are four buttons: "Previous", "Next", "Exit and clear survey", and "Resume later".

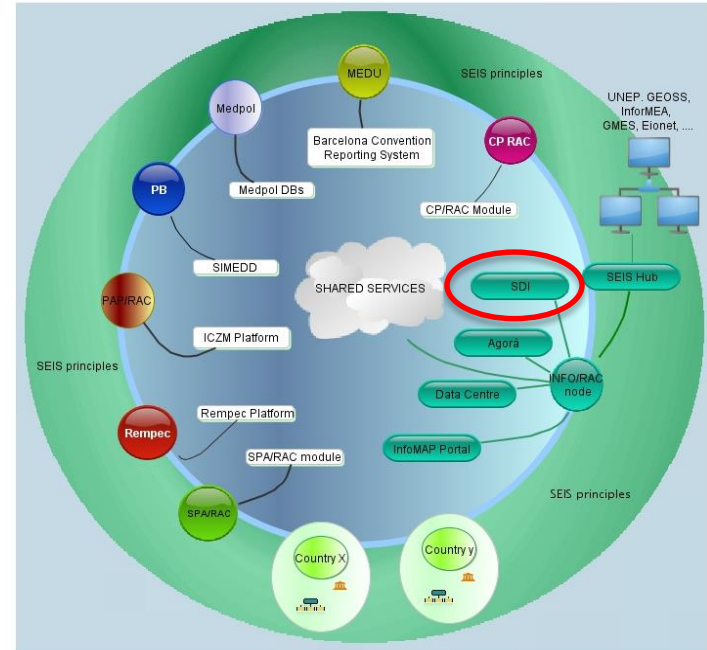
# The Spatial Data Infrastructure of the infoMAP system (SDI)

The main tools:

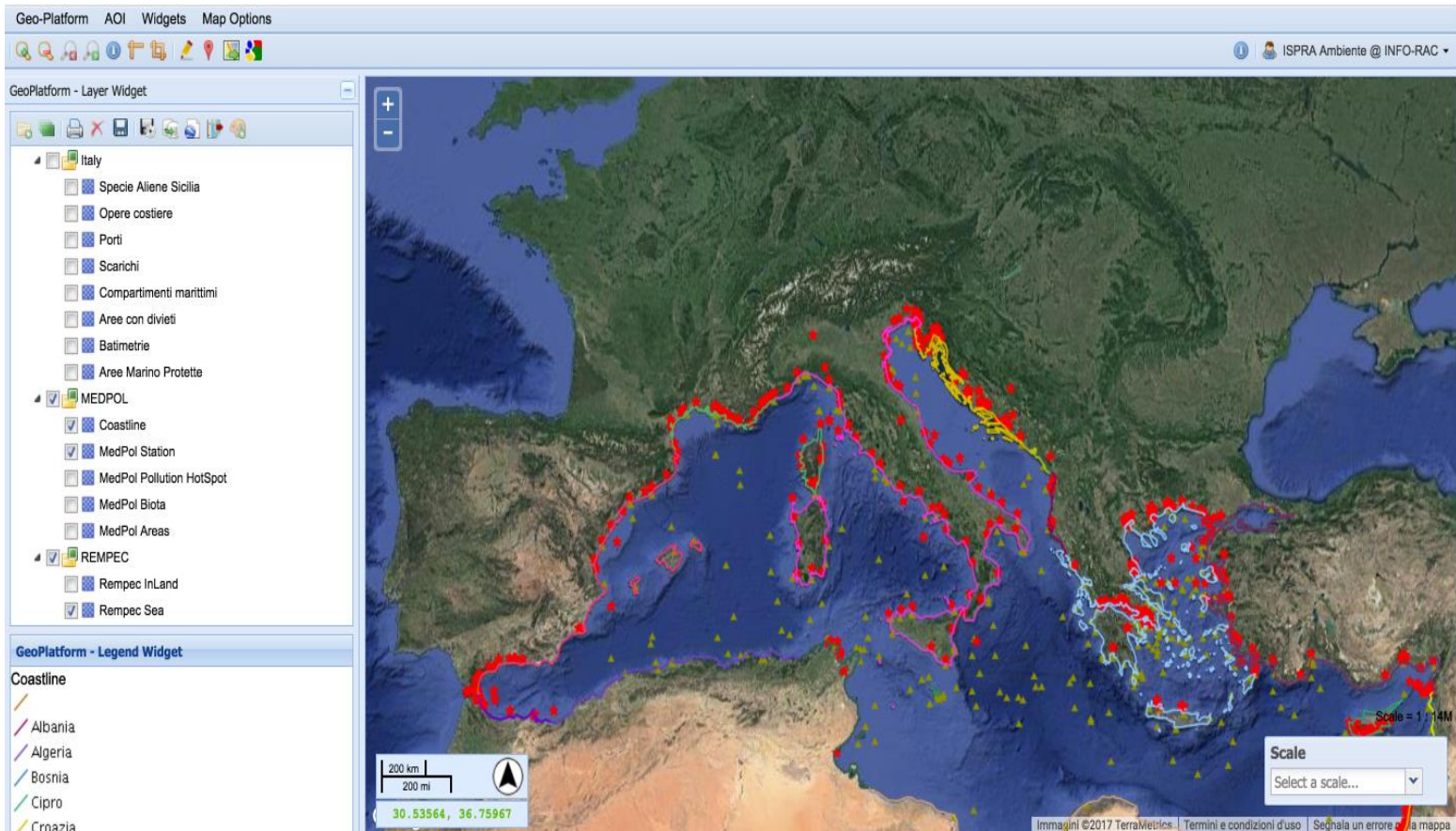
- GeoViewer,
- Catalogue
- GeoDatabase

The main functions:

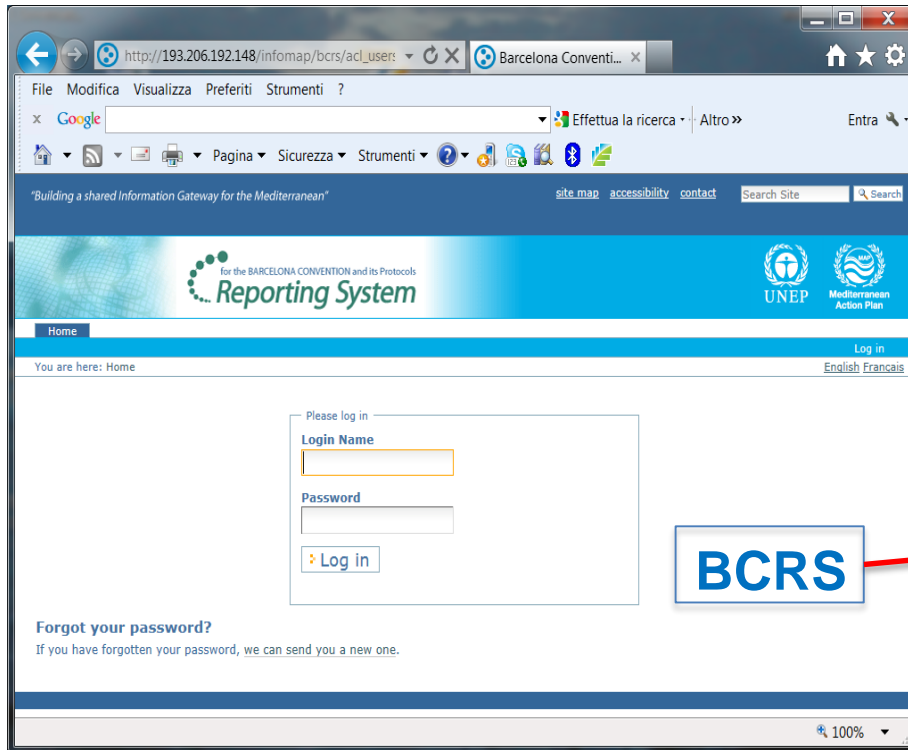
- Discovery: search and access information on MAP themes;
- View: Display spatial datasets on the interactive map;
- Download: users can select and download numerical data or maps



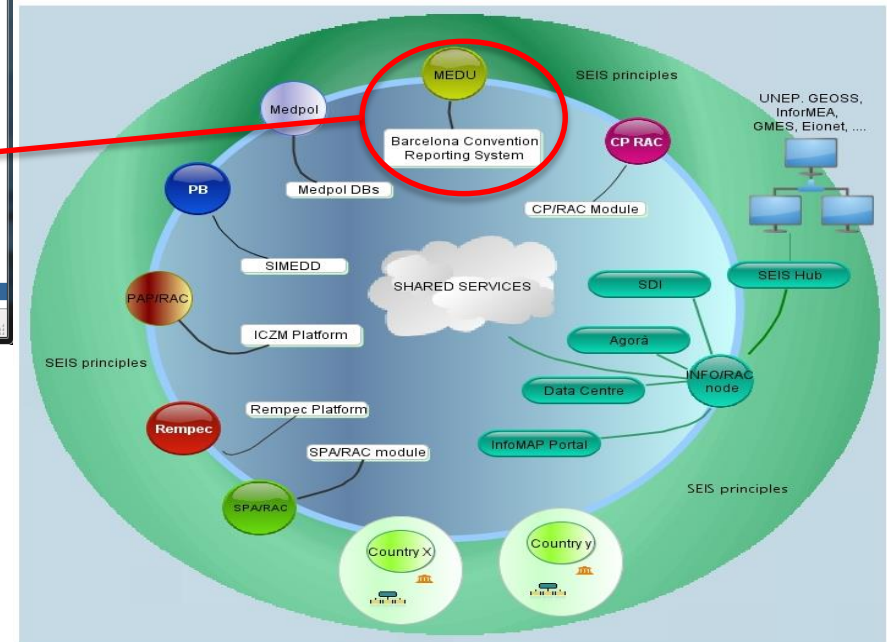
# The Spatial Data Infrastructure of the infoMAP system – SDI geoportal



# The Barcelona Convention Reporting System



compliance reporting data



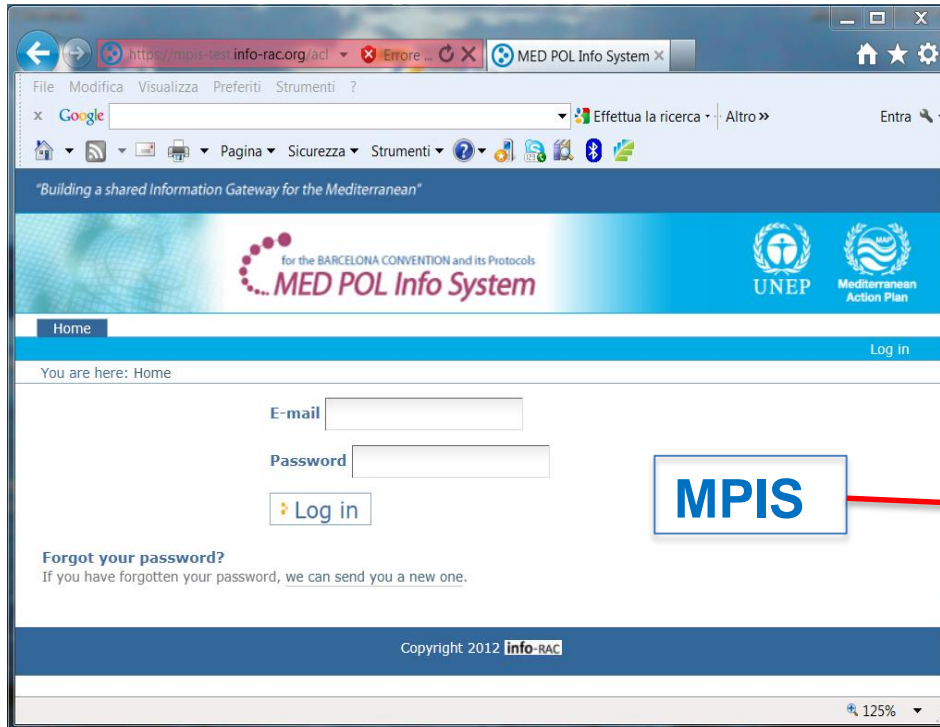
# The Barcelona Convention Reporting System

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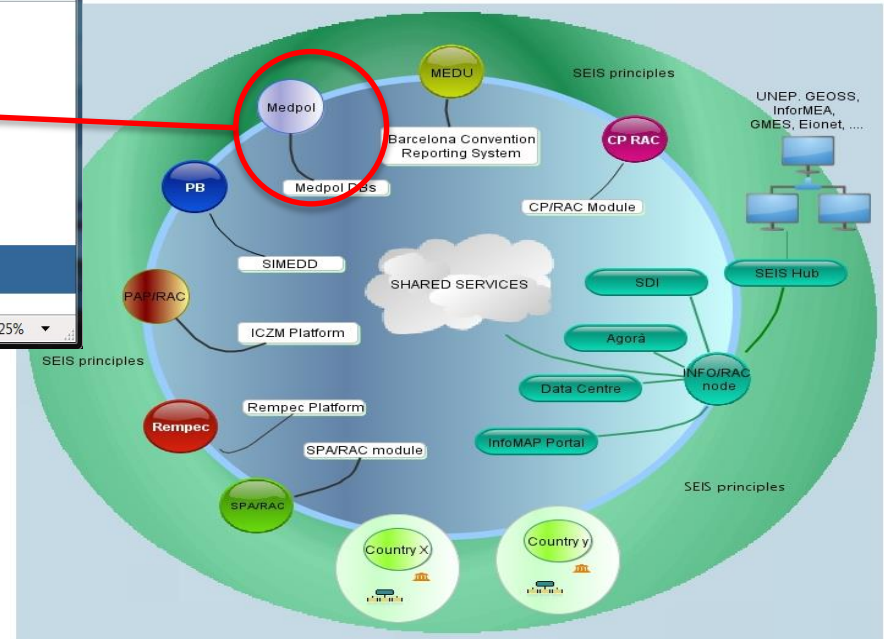
- The BCRS is the infoMAP module that allows Contracting Parties to report under article 26 of the amended Barcelona Convention and several articles of different Protocols of MAP
- The main objective of the system is to collect, store, manage and process **compliance reporting data** (textual and numerical) regarding the implementation of the Barcelona Convention and its Protocols
- The MAP Secretariat has the legal responsibility of BCRS, whereas INFO/RAC is responsible for its operation and development



# The MEDPOL/NBB Information Systems (MPIS)



**MPIS**



# The MEDPOL/NBB Information Systems (MPIS)

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- The MEDPOL Info System is a networked information system intended to provide the Contracting Parties and MED POL Unit with the tools to manage, share, preserve and analyze the following datasets:
  - Compliance monitoring data
  - National Budget Baseline (“Sources”) data
  - Pollution Monitoring data
- MED POL has the legal responsibility of MPIS, whereas INFO/RAC is responsible for its operation and development

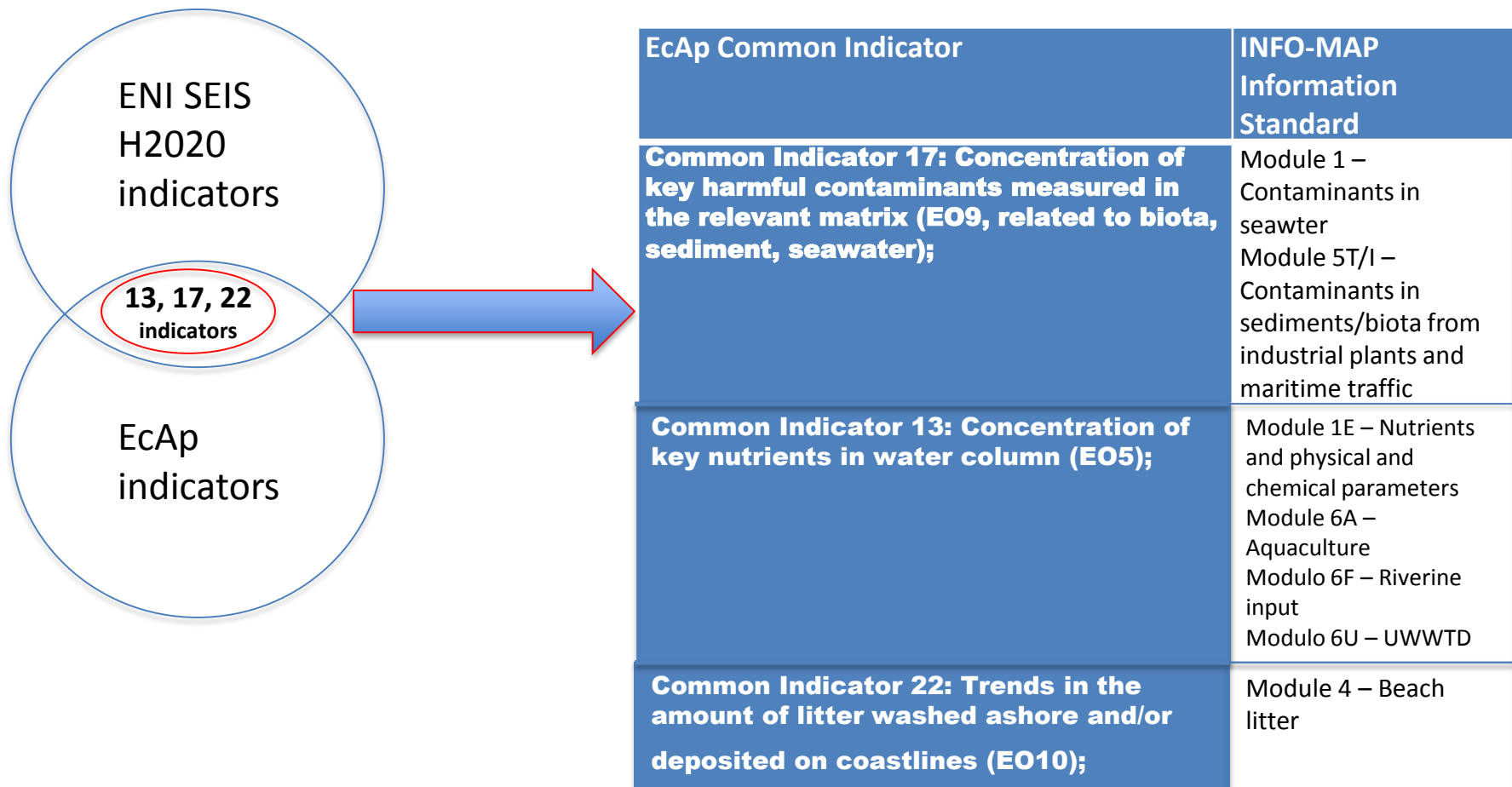
# The role of INFO-RAC in the ENI SEIS II South project

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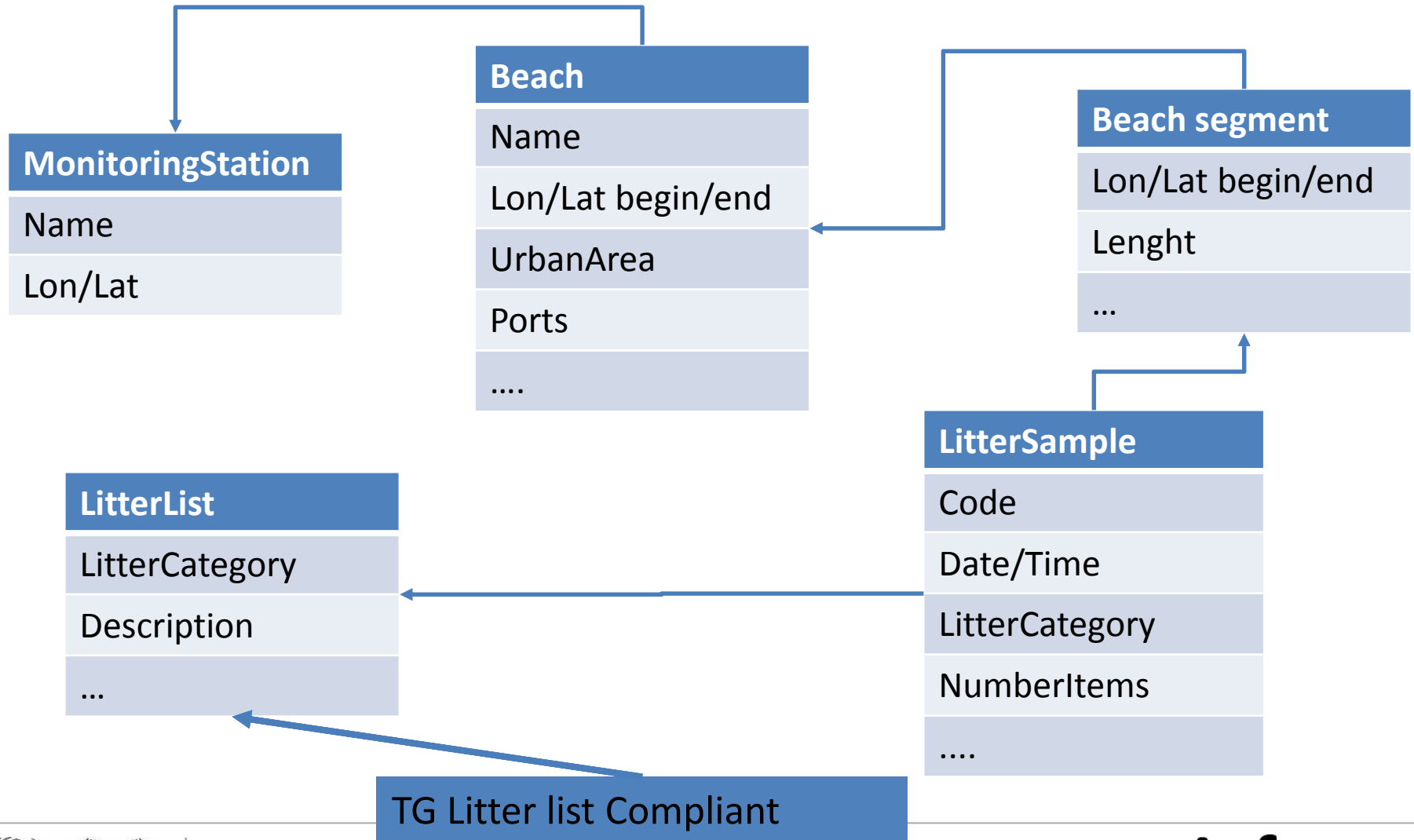
- Prepare an online questionnaire to collect various types of information (es: type of data sources, specifics thematic issues linked to H2020, data policy access..etc)
- Propose information standards for the indicators;
- Make available for each country an SDI for the data flow and the development of indicators.



# Selection of indicators – Pilot study

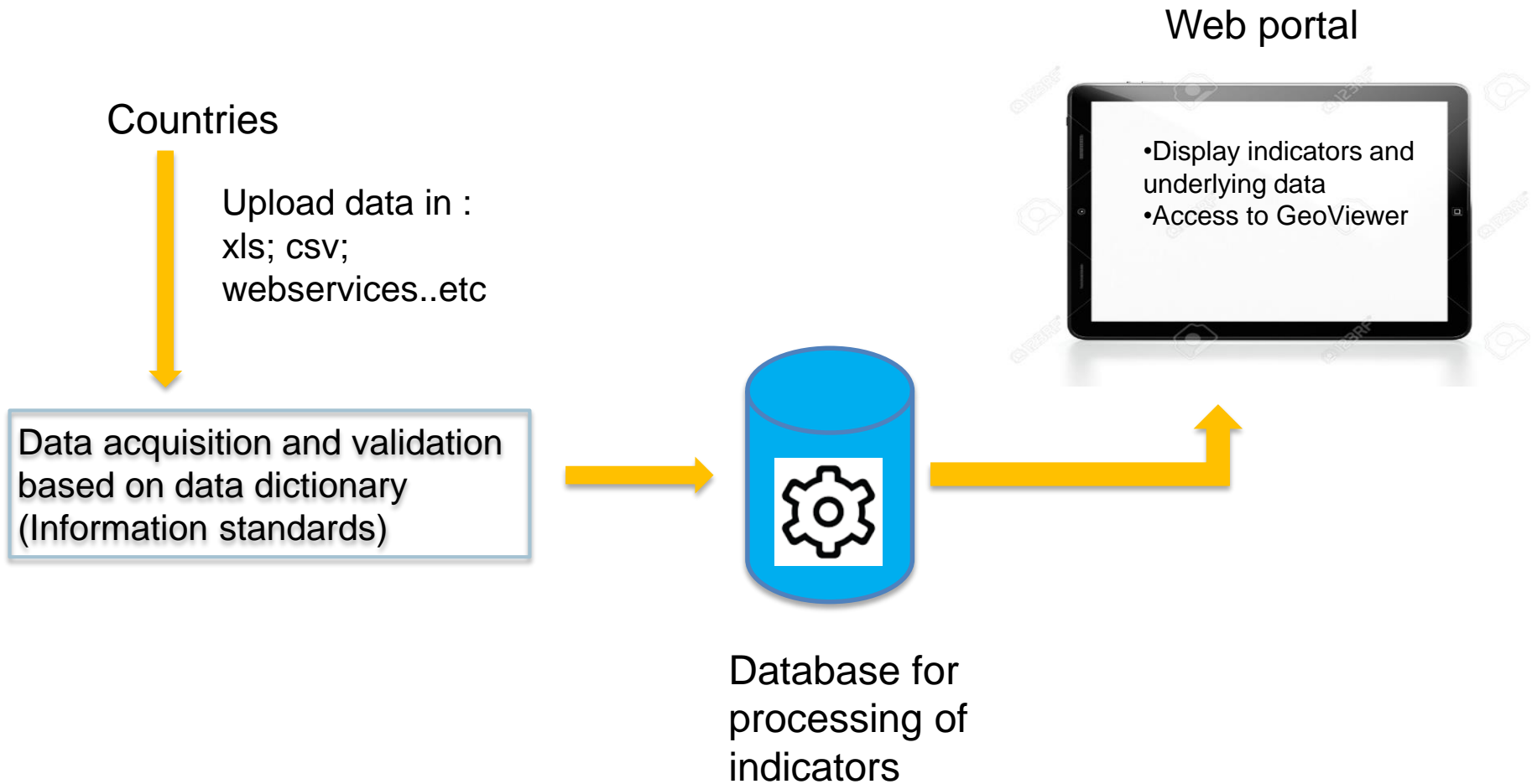


## EO10: MarineLitter – Beach litter



# Data flow example

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# Thank you

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[www.info-rac.org](http://www.info-rac.org)