INFO RAC visit
Work Package 4 Data management and infrastructure
ENI-SEIS South Support Mechanism project

6-8 February 2017
Rome, Italy
(ISPRA)

Summary of meeting discussion

Participants:

EEA: Michael Assouline

Info RAC Team: Giuseppina Monacelli (Director), Giordano Giorgi, Cristian Di Stefano, Valter Sambucini, Patrizia Perzia, Tiziana Cillari, Andrea Gagna, Fabio Baiocco, Arthur Pasquale

B-open: Marco Montuori, Alessio Siniscalchi

Objectives of the meeting:

For each item in the agenda, evaluate the current situation (problems and limits), list a series of points to be addressed, identify working methods (including resources, roles in the team, sharing platform documents) and start working on certain points.

- INFO MAP infrastructure in view of delineating win-win solution (H2020 data flows)

- Analyse the Meta data model under development in ECAP implementation context

- Audit MedPol Information System to be run against the data model and the INFO MAP architecture

- Explore other reporting tools related to the Barcelona Convention (NBB, PRTR, ECAP)

- Definition of a work plan: defining together with INFO RAC a series of activities for the implementation of INFO MAP and infrastructure components in line with the other work packages

- Setting the procedures for linking INFO MAP with ENI SEIS II website (in a view of implementing data visualization tools)

Day 1:

- **ENI SEIS II Support Mechanism project (description of action and website + H2020 working plan (2015-2020) (Michael Assouline)**

Presentation of the project in the context of H2020 initiative, links with UNEP/MAP Barcelona Convention activities, description of work packages in particular WP4 through proposed activities and outputs.

- **INFO RAC activities related to ENI SEIS II Support Mechanism Project (Giordano Giorgi)**
  ECAP history and description of the agreed indicators, IMAP guidelines, standards for data monitoring proposal based on the MSFD implementation in Italy (in line with EEA standards), ECAP data model, comparison between H2020, NAPs, IMAP and selection of ECAP common indicators (13, 17, 22). Planning of information standards proposal for ECAP data flows monitoring.

Day 2:

- **PRTR (Andrea Gagna)**
  Presentation of the Italian PRTR structure, data flows, E-PRTR, presentation of PRTR pilot in the Mediterranean (South countries). Description of the work undertaken for PRTR and NBB integration.

- **NBB and Medpol information system (Alessio Siniscalchi)**
  Introduction of MEDPOL system (transformation in time from Access database to Postgres database), data structure of the Medpol Information System, Reporting format. Interface of NBB and background maps (region for reporting) and the data structure.

- **INFO MAP existing architecture and datasets and implementation phases (Fabio Baiocco)**
  Presentation of the SDI and its components (geoviewer, geonetwork, geoserver). Tour visit to the server's room at ISPRA.

- **QSR and indicators (Giordano Giorgi)**
  Brief description of timeline, linkages with ECAP indicators and monitoring data sources (Emodnet, RACs, Medpol) and process review by contracting parties through CORMON working groups meetings.

Day 3:

- Discussion and testing of web services from INFO MAP (Geoserver) into the ENI SEIS II website for data visualisation and performance indicators.
- Preparation of implementation plan for infrastructure component (WP4) of SEIS II Project (timeline and remarks) to support indicator based environmental assessment at country level:
  1. SDI and data management from INFO MAP (Geoserver (services), geonetwork (metadata catalogue), postgres (db)); Description of the actual INFO MAP architecture, basic functions and components (groupware for information sharing, medpol, NBB,

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BCRS); Procedures for identifying national databases: surveys, existing groups, etc. and capacity to use utilities for surveys provided by INFO RAC

2. Identification of information standards related to PRTR and extension in terms of activities to be developed; Mapping of standards for H2020 indicators

3. SDI service to be implemented at country level (including citizen/community monitoring) cloud solution + training; Data agreement to be concluded together with local data owners for sharing information layers on SDI (linked to point 1)

4. Data policy proposal to facilitate the indicators implementation (access and sharing). To be divided by row data, monitoring, indicators and reporting; Distinction by internal and regional needs

5. Identification of ECAP indicators related to H2020 initiative (3 indicators has been identified eutrophication, contaminants and marine litter) and related data dictionary for the integration into MEDPOL (taking into account the hierarchical structure, country, area, monitoring station, sample, analysis, etc.); Description of the types of trainings taking into consideration pilot's data flows to be implemented with single countries and thematic areas

Next steps:

INFO RAC will meet the UNEP MAP secretariat in Athens in the week 13-17/02 and next steps will be agreed based on the outputs of this meeting.

It would be useful to organise a meeting with the coordinators of other work packages in order to improve the coordination and integration in particular WP2 indicators and assessments for new indicators (factsheets) and WP3 data and statistics for data dictionary in the context of NBB extension.

We agreed to use the common space hosted in INFO MAP to share documents and updates.

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