

Minutes of the meeting in Rabat (Morocco) –21-22 March 2019

Two days technical assistance meeting of the ENI SEIS II South Project took place in Morocco at “Observatoire Nationale de l’Environnement et du Développement Durable (ONEDD) – Secrétariat d’État chargé du Développement Durable”. Meeting participants included ENI SEIS II National Focal Points, MEDPOL National Focal Point, Representatives of ONEDD, consultants, the European Environment Agency (EEA) and INFO/RAC.

The meeting was dedicated to the Work Package 4 of the Project ENI SEIS II South “*Data management and Infrastructure*” and progress on the H2020 reporting. Objective of the meeting was to test the interoperability of the national system SIREDD (Système d’Information Régional sur l’Environnement et le Développement Durable) developed by ONEDD and the InfoMAPNode system of the UN Environment/MAP. The SIREDD is a regional spatial infrastructure that monitors the environmental situation via online dashboards, facilitates data flows, calculates indicators and analyses and projects data. The SIREDD is also a network at regional level of territorial authorities, universities and economic operators represented by NFPs for each sector. The network is now in place and starting its activities.

On the first day, ONEDD presented the SIREDD system related to the two Mediterranean Regions Tanger-Tetouan and l’Orientale.

InfoRAC presented the InfoMAP system including the Spatial Data Infrastructure (SDI) - InfoMAPNode and the InfoRAC Data Centre (IDC) for data reporting.

The experts discussed how to populate the InfoMAPNode system with automatized procedures. SIREDD aims to serve the H2020 reporting and other Barcelona Convention reporting obligations. The intention is to bypass the manual compilation of the spreadsheets and ensure coherence among data flows. Prefilling options were offered as a key element for the reporting to facilitate MEDPOL data flows. A Consultant from ONEDD dedicated to NBB reporting activity presented the organisation of the data reporting and highlighted similarities between H2020 and NBB data flows. It appeared that synchronizing the InfoMAP system and SIREDD would contribute greatly to the H2020 reporting obligation.

The experts envisaged two options: 1. to consume web services in background 2. to transfer data from SIREDD InfoMAP via XML scripts.

ONEDD intends to invest in developing a strong regional infrastructure and requested support in data harmonisation and trainings on how to use the InfoMap System via e-learning or in situ (Morocco-Italy).



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On the second day, the SIREDD system with 733 indicators was presented. However, currently only 30% of those indicators are populated. Representatives of ONEDD shared their challenges in collecting the data due to data availability, which would affect the H2020 reporting. Data gaps in the industrial sector are very high. For now, only estimations are used for industrial emissions. Morocco relies on the IMAP programme to increase the capacity for pollution monitoring. In addition, data processing such as data aggregation methods at the regional level is one of the biggest challenges for Morocco

An important effort of harmonisation between H2020 indicators and national indicators has been done by Morocco and between the two Mediterranean Regions Tanger-Tetouan and l’Orientale. The intention is to adopt all H2020 indicators as national indicators to give continuity to the Project. SIREDD could become in the future the entry point in Morocco to the H2020 indicators.

As a reply to the methodological issues of indicators calculation, EEA suggested preparing a list of recommendations by indicators. Those recommendations will be communicated to the thematic experts.

In terms of data policy, Morocco has now adopted a law on the access of the information at national level, which is an important institutional framework for the project.

Regarding Quality Assurance / Quality Control, l’ONEDD has requested to get access to the specifications.

Concerning the update of spatial layers with the InfoMAPNode System, Mrs Bourous, Chef of the databases at ONEDD already transferred the new subdivisions to InfoRAC following the national reform of administrative units.

The meeting concluded with different remarks from the ENI SEIS II South National Focal Point regarding the administrative subdivisions of Morocco and its territorial limits. The Medpol Focal Point also pointed its interest in developing web applications that could facilitate data reporting at local level for instance in the laboratories. The ENI SEIS II South NFP reiterated the need of capacity building to reach those objectives.

To conclude Morocco has shown very high capacity in terms of data management and SIREDD is a good case in point. SIREDD is a very advanced tool to be considered as the driver of competitiveness between the two regions. Practically, Morocco agreed to transfer a list of thematic to the experts, to update spatial data related to H2020 indicators, to finalise the spreadsheets for indicators reporting following the regional workshop in Tetouan with the national team and to put in place an automatic transfer of data with xml.



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