EP

United Nations Environment Programme

MEDITERRANEAN ACTION PLAN

Meeting of MED POL Focal Points

Barcelona (Spain), 18-21 June 2013

2012-2013 SEIS project document

Delegates are kindly requested to bring their documents to the meeting

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Towards the implementation of SEIS in the Mediterranean Region and support to the implementation of the ENPI-SEIS project

Work programme for 2012/2013

Version 27/08/2012

Background

"The EU Shared Environmental Information System (SEIS) is a collaborative initiative of the European Commission and the European Environment Agency (EEA) to establish together with the Member States an integrated and shared EU-wide environmental information system. This system would tie in better all existing data gathering and information flows related to environmental policies and legislation. It will be based on technologies such as the internet and satellite systems and thus make environmental information more readily available and easier to understand to policy makers and the public."[1]

The SEIS aims at developing a distributed network of public information providers sharing environmental data and information in order to improve monitoring and reporting on the environment. Building on existing infrastructure, services and expertise/knowledge, all point sources of data and information at national and regional level will be progressively interconnected and compatible with each other, forming a unique network. The SEIS concept is based on the following principles, which state that data should be:

- managed as **close** as possible to its source;
- collected **once**, and shared with others for many purposes;
- readily **available** to easily fulfil reporting obligations;
- easily **accessible** to all users.
- accessible to enable **comparisons** at the appropriate geographical scale, and citizen participation;
- fully available to the general **public**, and at the national level in the relevant **national language(s)**
- supported through common, free **open** software standards.

The European Environment Agency was assigned by EC/DG DEVCO to carry out a project for gradually extending the Shared Environment Information System (SEIS) principles to the European Neighbourhood Policy (ENP) East and South Partner countries and the Russian Federation over the period 2010-2014. A coherent and coordinated approach is foreseen for the implementation of the various SEIS components across the two ENP regions, based on a clear understanding of the current situation and the specific needs of each partner country.

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[1] http://ec.europa.eu/environment/seis/what.htm

The ENPI-SEIS project aims at:

- identifying or further developing environmental indicators and scorecards - suitable for the design and review of environmental policies, supporting the monitoring and compliance with various national, regional and international obligations and targets;
- improving capacities in the field of monitoring, collection, storage, assessment, and reporting of environmental data of the relevant environmental authorities including the national statistical systems, in compliance with reporting obligations to international agreements and in coordination with relevant regional initiatives;
- setting up national and regional environmental information systems in the countries of the European Neighbourhood Policy (ENP) area that are in line with the EU SEIS, and
- tracking progress of the regional environmental initiatives (ENP, Eastern Partnership, Horizon 2020).

The aim of the South-region component of the ENPI/SEIS project is to create the necessary ground for the long-term operation of SEIS in the southern Mediterranean partner countries (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestinian Authority, Syria and Tunisia). The ENPI-SEIS South project is fully embedded within the framework of the Euro-Mediterranean Initiative of depolluting the Mediterranean by 2020, the H2020 Initiative. H2020 builds on existing institutions, initiatives and results, filling gaps where it could bring added value. It operates within the framework of existing and developing policy instruments, and supports the implementation of the commitments undertaken in the framework of the Barcelona Convention: MAP's Strategic Action Programme (SAP) to address pollution from land-based activities (SAP MED); the Mediterranean Strategy for Sustainable Development (MSSD), launched by the Mediterranean Commission for Sustainable Development (MCSD). Priority in assessing the SEIS status will be given to the Horizon 2020 priority thematic areas: industrial emission, municipal waste and waste water, including marine pollution taking into account the UNEP/MAP Ecosystem Approach Roadmap implementation outcome, and in particular its indicators, in synergy with the EU Marine Strategy Directive.

Along those lines *UNEP/MAP-Barcelona Convention*, upon the request of its Contracting Parties, is developing a holistic environmental information system (InfoMAP) encompassing data and information from all the Mediterranean countries (Southern, Northern and Eastern shores) and regional sources. Building on and integrating existing information systems, InfoMAP will improve accessibility and information sharing over institutional, administrative and international boundaries and support decentralized data custodianship and control.

The 17th CP meeting held in Paris (February 2012) mandated the Secretariat of UNEP/MAP to:

- Establish and make operational an information system to support the implementation of ecosystem approach and MAP integrated monitoring system

- Develop a MAP/Barcelona Convention data sharing policy taking into account the SEIS data sharing principles and with due consideration of access rights and confidentiality for the consideration of MAP Focal Points and 18th Contracting Parties meeting".

Due consideration will be given to the GEOSS Data Sharing Action Plan for the implementation of the GEOSS Data Sharing Principles which was adopted by the GEO-VII Plenary of 3-4 November 2010 and which have been ratified by most of the Contracting Parties to the Barcelona Convention.

As a key organization in the region, UNEP/MAP prepared during the inception phase of the ENPI-SEIS project, the regional report on "State of play and specific needs of ENP South countries with regard to main SEIS components focusing on Horizon 2020 priorities". Findings and recommendations of this report" were thoroughly discussed, in view to SEIS application in the Mediterranean, at the ENPI-SEIS Steering Committee meeting held in November 2011. Based on the conclusions of these discussions and the work programme for 2012 adopted by the ENPI-SEIS Steering Committee, UNEP/MAP proposed to support the implementation on ENPI-SEIS project in the Mediterranean on the following activities for the period 2012-2013:

1. Establish a common set of populated H2020 indicators through a common methodology with the focus on the three H2020 priority areas: industrial emission, municipal waste and water (fresh and waste water, inland and marine waters). The work on marine and coastal environment indicators will be supportive of and compatible with the indicators of the Ecosystem Approach developed in the context of UNEP/MAP.

2. Implement in pilot countries PRTR with regard to the industrial sector including waste generation, as a tool to monitor and record pollutant inputs from the industrial sector in the Mediterranean and replicate the lessons learned and the experience in the region.

3. Support a sustainable/continuous data flow with regard to the H2020 indicators through the establishment of a respective SEIS infrastructure at three levels:

   • *enhancing the regional node of Info MAP system and developing a policy instrument on information sharing for consideration of the Contracting Parties at its forthcoming meeting in 2013*

   • *enhancing the MED POL information system, to collect and store data on the agreed H2020 indicators and in relation to the Plan Bleu statistical information system in order to support the needs for assessment and monitoring as defined in the context of the Ecosystem Approach*

   • *undertaking country projects to develop the necessary national infrastructure nodes based on SEIS principles to ensure that the populating of H2020 indicators and PRTR exercise are fully supported at national/regional level in harmony with InfoMAP and its respective components information systems.*

4. Undertake capacity building and training with regard to the three pillars of SEIS, content, governance and infrastructures in the southern Mediterranean.

5. Undertake awareness activities for decision makers and the large public with regard to SEIS application.

6. Contribute to the preparation of a joint assessment report EEA/UNEP MAP on the implementation of the H2020 initiative.

Regional workshops as a tool to extend, at the regional level, lessons learnt and experience gathered will also be implemented. In this context UNEP/MAP will be making optimal use of its existing network of focal points and their respective meetings as well as other relevant meetings (i.e., ECAP) scheduled for 2012 and 2013 within the current UNEP/MAP Programme of Work adopted by the Contracting Parties in Paris in February 2012.

Based on the above, UNEP/MAP developed a detailed work proposal to support the ENPI-SEIS implementation in the southern Mediterranean as described hereafter and in the annex "Workplan and Budget".

Work programme for 2012/2013

The proposed work programme is divided around the main ENPI-SEIS activities (data and indicators, infrastructure, assessment, communication and dissemination.

1. DATA AND INDICATORS

Within the framework of H2020 and ENPI-SEIS, the EEA has been requested to design, in cooperation with relevant partners and based on existing on-going initiatives, a coherent data flow, indicator and assessment process as well as a framework for regular indicator-based analyses to compare and measure progress across the region. In order to support the above process, it is proposed to assess progress on Mediterranean environment using a set of relevant indicators in line with the EEA Core Set of Indicators (CSIs) and other existing regional sets of indicators, in particular those developed under the Ecosystem Approach of the Barcelona Convention, and to facilitate the production of country assessments of the three H2020 priority areas.

In this framework, two Working Groups (WG), with two representatives per partner country, have been set-up in order to support more specifically the work on indicators and on infrastructure (see http://enpi-seis.ew.eea.europa.eu/project-activities/work-plan-2012). As part of the WG of the H2020 RMR sub-group, the WG on Environmental Indicators aims i) to identify a list of potential indicators to provide a consistent baseline of information from across the region to measure and compare progress made under the Horizon 2020 initiative and to support the process of regular reporting on the Mediterranean, and ii) to support the supply of information, which allows a greater variety and depth of information, experiences and good (and bad) practices to be shared (e.g. development of country profiles). Complementary to the WG on Environmental Indicators, the WG on Information Technology will identify the various possible problems in data accessibility; assess the data availability in technical and institutional terms for the selected indicators developed by the WG on Environmental Indicators. This will lead to the set-up of a common meta-database, to facilitate and make technically possible the regular reporting processes and to make steps towards sharing environmental information. The two Working Groups will contribute to support the implementation of the pilot actions identified by the country.

H2020 relevant indicators should be elaborated so as to form the Common Set of Indicators (CSI) aligned with the SEIS principles. These indicators concern environmental state, pressure, impact and response regarding municipal waste, urban waste water and industrial emissions. This sub-task aims at proposing then finalizing an indicator list for the identified priority areas within ENPI South partner countries. These indicators should be commonly accepted and suitable for the design and review of environmental policies with regard to H2020 priorities, supporting monitoring at national and regional level, and complying with international obligations and targets of UNEP/MAP.

For each proposed indicator the following should be defined: calculation methodology, degree of reliability, method of data collection, data availability, and reference to the indicators of the Ecosystem Approach. For each indicator a detailed fiche should be developed. The list of indicators identified should be further analyzed for each country with respect to data availability, time series, data producers, collection methodology, and analysis. Several ENP South countries are involved in several international and regional environmental data

collection initiatives that provide access to national data. Within these international and regional data collection initiatives, two are particularly relevant within the scope of the ENPI SEIS South project: UNEP/MAP covering both EU and non-EU countries and providing the region with a sustainable mechanism for the collection and analysis of H2020-related data and the MEDSTAT program.

Assessment of data gaps should focus on the following issues with respect to H2020 indicators:

I.   *Municipal waste: availability, harmonization and consistency, geographical coverage, lack of indicator development.*

II.   *Water: geographical coverage, availability, lack of indicator developed, lack of national capacities for regular monitoring. The list also contains some marine quality indicators that are fully in line with ecosystem approach indicators and the EU MSFD.*

III. *Industrial emissions: time and geographical coverage, number of parameters and substances monitored.*

Proposed activities:

1.1. Populating H2020 indicators.

This key activity encompasses the core of the indicator work including the population of indicators for the purpose of tracking progress of the implementation of H2020 activities. A list of key H2020 policy questions and indicators based on the indicators developed by UNEP/MAP in 2008 and further work undertaken by the EEA was presented and discuss by the ENPI-SEIS Working Group on Environmental indicators, during its meeting in April 2012 at the premises of the Union for the Mediterranean in Barcelona.

The current workplan is envisaged to include the following milestones within this activity:

1.1.1. Contribution to the development of strategic/policy paper providing guidelines on the key indicators selected. This paper will take into account the UNEP/MAP specific policy framework including the integration between DPSIR and ECAP approaches as well as the adaptation of new indicators to new strategy.

1.1.2. Contribution to the development of methodological guide and translation in 3 languages

The indicator development will be supported by the preparation of detailed indicators factsheets and methodological guide. UNEP/MAP will contribute to the development of the methodological guide for the application of the populating methodology so that the final proposed indicator list is, subsequently, populated in all ENPI South partner countries. The methodology including the methodology sheets will be closely developed with the EEA and the Working Group members, making use of the regular meeting of the Working Group and consultation with the countries, all MAP components and other relevant partners in the region. It will take into account the revision of the sheets and at that occasion proceed to a first data collection exercise. The guidelines should be available in three working languages with the view to support their use at country level by a large number of experts in a sustainable manner taking into account that reporting on the progress of the implementation of H2020 will be a long process.

1.1.3. Populating of the agreed indicators in ENPI South countries based on the common methodology with support to countries in data exchange & handling:

UNEP/MAP will support the ENPI-SEIS partner countries in developing and populating the agreed H2020 indicators through the organization of national workshops, data collection and missions to countries. This will create an excellent opportunity for the countries to document the implementation of the approach proposed in the RMR pilot outline and provide national data to populate the agreed H2020 indicators. On this basis, the final H2020 indicators list will be finalized and the methodology validated.

Organisation of national workshops with environmental institutions in partner country on the indicators development, reinforcing national cooperation.
This activity should ideally be demand driven by countries. The workshops will involve key stakeholders at national and local levels as appropriate involved in the indicators development and population process. Missions to countries will be necessary to support countries in populating indicators and explaining the methodology and build solid infrastructure systems (meeting preparation and report 5 d/country). The national workshops will be organized by the countries themselves that will be also responsible for mobilizing national consultancy for the collection of available data at the national level as appropriate. For this purpose the funds related to the organizations of national workshops and collecting data from available national sources will be given to the countries in accordance with UNEP/MAP practice and UN rules and regulations. The respective regional databases of UNEP/MAP and other database as appropriate will be used to the extent possible for this purpose (populating exercise). In relation with the activities related to infrastructure and the work of the ENPI-SEIS Working on Information Technology, benefit of using the EEA tools (e.g. Reportnet) will be envisaged. This will help to identify the necessary synergies with the other reporting systems in place.
Implementation of all activities with regard to indicators will involve travel expenses of the UNEP/MAP staff to attend the national workshops and other related regional meetings under the project. The budget for this is presented in the work plan and budget attached as annex to this project proposal.

The whole process will be supported by infrastructure-governance activities that are explained in separate section below, with the view to ensure sustainability of a regular data flow and agree with the countries to give access and deliver these data by developing a regional governance tool in the framework of UNEP/MAP for sharing data based on the principle of once report approach. (See chapter 3 for more detail).

1.1.4. Final list of H2020 indicators:
Based on the detailed indicators fact-sheet and outcome of the populating exercise, UNEP/MAP will contribute to the preparation of the indicator assessments with a view to make final proposal on feasible H2020 indicators, drafting of final report and final proposal for populated H2020 indicators list to RMR Spring 2013 meeting.

1.1.5. Final regional workshop and related publications to exchange lessons learnt and share results achieved.

A regional workshop will be held to share the lessons learnt, experience gathered and promote synergies at the regional level. This meeting will be held back to back with Medpol focal points meeting in 2013.

Expected outputs

- Contribution to policy paper on H2020 indicators

- Methodological guide available and published in 3 languages (French, English, Arabic)

- Final list of indicators populated

- Country capacities with regard to indicators enhanced

Budget breakdown:

Contribution to strategy paper on H2020 indicator	5 000 Euro
Methodological guide/Indicators factsheets finalised and available in 3 languages (French, English and Arabic)	35 000 Euros
H2020 indicators populated from national sources in ENPI South countries and regional databases including national workshops and missions to countries to support the exercise at national level	55 000 Euros
Final H2020 indicator list. Contribution to the indicator assessment, reporting and evaluation of results, participation at meetings	30 000 Euros
Final regional workshop (back to back with MED POL NFP meeting)	25 000 Euros
TOTAL BUDGET INDICATORS	**150 000 Euros**

The budget to cover mission of UNEP/MAP experts to countries related to indicators activities as well as to attend coordination/regional meetings related to project implementation on indicators is included in the travel budget line under chapter 5 of the project proposal.

1.2 Support PRTR establishment with regard to H2020 at national and regional levels (land based pollution part)

The "Pollutant Release and Transfer Register" (PRTR) is an environmental database or inventory of potentially harmful releases or transfer to air, water, and soil as well as waste transported off site for treatment or disposal. In addition to collecting data for PRTR from stationary sources, PRTRs are also designed to include estimates of releases from diffuse sources such as agriculture and transport activities. The development and implementation of a PRTR system adapted to national needs represents a means for government to track generation, release and the fate of various pollutants over time. A PRTR can therefore be an important tool in the total environment policy of a government and encouraging reporters to reduce pollution by implementation of cleaner technologies. The implementation of the PRTR reporting system in the Mediterranean region is based on information of releases of a list of

pollutants to water, air and land. Hence, many Mediterranean countries have not detailed information on the releases of the pollutants from point sources. Furthermore, many of the pollutants included in the list are not routinely analyzed in the effluents and emissions and therefore no extensive data sets are available.

UNEP/MAP has developed several tools including software for supporting countries work to establish PRTR. Direct assistance was given in the past to several Mediterranean countries such as Turkey, Syria, Egypt and Morocco. The SEIS state of play report identified PRTR as a key activity to support data collection and sharing from industrial point sources. In order to extend and promote coherence in the Mediterranean countries it will be useful to extend the project and include the PRTR establishment in the Balkans countries using the same methodology. As such, the activities under this project will cover PRTR implementation in all countries as well as the holding of a regional workshop to share experiences in the region and replicate best practices.

The PRTR exercise will also focus on the H2020 indicators for industrial pollution and will also help to enhance the coherence between reporting under the LBS protocol with reporting under H2020. **The PRTR exercise will fully take into account the need for interoperability with other reporting systems in place, as appropriate and explained below.**

Activities:

a) Support online PRTR, establishing national teams in ENPI South countries in setting up a PRTR system for the H2020 indicators on industrial pollution. This will include support to countries with training, missions as well as ensuring the necessary software and other elements needed for PRTR to be established effectively. Missions to countries will be undertaken by UNEP/MAP to support the process and the budget for this is presented in Annex to this project proposal.

b) Regional workshops including (i) participation of H2020 SEIS project coordinators to assist basic training at June 2012 PRTR meeting organized by H2020 (CB/MEP) as well as (ii) holding of a regional workshop to exchange and disseminate the lessons learnt and to promote replication. The second workshop would ideally be scheduled for a one day meeting back to back with Medpol focal point meeting in May 2013.

Expected outputs:

- PRTR established in some ENPI South countries

- Lessons learned and experiences shared among all countries in the Mediterranean

- Country capacity on PRTR enhanced in all ENPI South countries

Budget breakdown for PRTR:

Support to the establishment and operation of the PRTR national teams including national workshops. The national workshops will be organized by the countries themselves that will be also responsible for mobilizing national consultancy for undertaking the necessary activities related at the national level and covering costs related to logistics. For this purpose the necessary funds will be given to the countries in accordance with UNEP/MAP practice and UN rules and regulations.	70 000 Euros

Regional expertise to train national teams on the application of the software including national workshops in the respective countries and build PRTR	65 000 Euros
Regional workshop to share experience on PRTR in the Mediterranean	25 000 Euros
Preparation and publication of a report on PRTR in the Mediterranean	10 000 Euros
TOTAL budget PRTR	**170 000 Euros**

The budget to cover mission of UNEP/MAP experts to countries related to PRTR activities as well as to attend coordination/regional meetings related to project implementation on PRTR is included in the travel budget line under chapter 5 of the project proposal.

2. SEIS INFRASTRUCTURE

In order to benefit of a unique environmental information system covering all the MAP components' data and information, UNEP/MAP initiated the development and implementation of a system allowing a smooth sharing of information among the MAP components and other relevant players in the region based on SEIS principles following a step-by-step approach. The InfoMAP infrastructure is under development at regional level, ensuring the connection between the different UNEP/MAP components (i.e. the Coordination Unit, MED POL and the Regional Activity Centers) and providing the UNEP/ MAP components with shared services. According to the InfoMAP roadmap, SEIS nodes would be developed in the MAP Countries by 2014.

In order to populate the selected key indicators (i.e. the H2020 indicators), establish PRTR system and develop SEIS compliant systems in the ENP South Countries, it is necessary to design and set up the data collection infrastructure, i.e. the information and communication tools and means suitable for managing data flows and sharing data and information across the ENP South Countries.

Participation in the ENPI/SEIS South working group on "Information Technology" will ensure the necessary connection with MAP relevant networks.

2.1 Definition and implementation of selected country specific SEIS roadmaps

Based on results from Country visits and identification of pilot actions, SEIS roadmap will be implemented in the partner Countries.
Starting from the conceptual model of SEIS, user requirements analysis for the infrastructures will be developed, focused on H2020 sectors; however, other quick-win topics could be considered, based on Countries' priorities. This activity will also include missions to the countries to support the preparation of the SEIS national nodes roadmap.
Expected output:
  a) User requirements analysis for infrastructures development;
  b) Technical specification for the SEIS national node.

Budget: 20 000 Euros

2.2 Technical assistance and training for the implementation of first services on selected SEIS national node

Technical assistance and training will include technical guidelines and assistance on developing data infrastructure and remote helpdesk for running and fine tuning systems on selected national nodes (including networking tools), populate metadata on geo-referenced data sets, trial data delivery for IMS population with first H2020 CSI.

Expected output:
- c) Technical guidelines
- d) Open source software and networking tools
- e) Helpdesk service

Budget: 45 000 Euros

2.3 Linking national and regional development of SEIS, support to design of UNEP/MAP components nodes compliant with SEIS principles

The architecture design of UNEP/MAP nodes will be reviewed to make the MAP Contracting Parties nodes compliant with SEIS principles and on the way for interoperability; technical specifications and guidelines on interoperability will be developed, in the framework of InfoMAP. UNEP/MAP will promote and coordinate the contribution of MAP relevant networks in the WG "Information Technology" for the duration of the work programme; in order to develop a common and shared understanding of the IT aspects of the ENPI/South-SEIS. Furthermore, UNEP/MAP will cooperate with the EEA in the preparation of the WG "Information technology" meetings (Agenda, invitation letter).

Expected output:

- a) Regional articulation of the SEIS implementation

Budget: 15 000 Euros

2.4 SEIS infrastructure for PRTR (see also activity 1.2.)

With regard to the PRTR infrastructure, a cloud service will be developed - as part of the infoMAP architecture - to facilitate the on-line reporting of industrial pollutants from the ENPI/South Countries. Use will be made of the experience and outcome of the work carried out so far including the use of the existing MEDPOL/UNIDO PRTR software. Particular attention will be paid to make sure that the PRTR established in countries will allow for the inter-operability with other reporting systems including in particular the National Baseline Budgets (NBBs) of the Medpol Info system and other reporting systems, as appropriate. This activity includes also missions to countries of ICT experts to support the national workshops on PRTR and their establishment and assess the needs of the respective countries.

Expected output:

h)   PRTR cloud service prototype that would serve as a basis to establish the NBB information system on sources in harmony with E-PRTR and the existing reporting systems as appropriate.

Budget: 50 000 euros

Budget breakdown SEIS Infrastructure

Definition and implementation of selected country specific roadmaps	**20 000 euros**
Technical assistance and training for the implementation of first se on selected SEIS national node	**45 000 euros**
Linking national and regional development of SEIS, support to des UNEP/MAP components nodes compliant with SEIS principles	**15 000 euros**
SEIS infrastructure for PRTR	**50 000 euros**
Total budget SEIS Infrastructure	**130 000 Euros**

The budget to cover mission of UNEP/MAP experts to countries related to IT activities as well as to attend coordination/regional meetings related to project implementation related to IT is included in the travel budget line under chapter 5 of the project proposal.

3. ASSESSMENT

3.1 Assessing the implementation of H2020, preparation of regional H2020 assessment report

This activity will be addressing the State of reporting within each country on specific topics (H2020); providing overview of national capabilities and state of the art to report on the state of the environment based on the outcome of the H2020 indicators populating exercise.

Following discussion of the ENPI-SEIS Working Group on Environmental Indicators and agreement of the H2020 RMR, a first assessment of H2020 progress is foreseen by mid-2013. Making use of the technical and institutional support provided by UNEP/MAP to the ENPI-SEIS project this assessment will be a joint effort of EEA and UNEP-MAP combining an indicator-based report and the development of country profile.

The preparation of this regional assessment will be closely related to the progress made with the indicator development (indicator fact-sheet, population of the selected indicators and indicators assessment) and particularly on the gap analysis of the country situation. Based on this gap analysis, a detailed draft outline of the report will have to be proposed for discussion to the next meeting of the Working Group on Environmental Indicators in October 2012. UNEP/MAP will provide relevant support to the EEA in developing this outline and contribute to the preparation and drafting of the report (thematic assessment and country profiles).

Expected outputs

Contribution to elaboration of outline of the assessment report, contribution to the drafting of chapters of the assessment report.

Proposed Budget: 20 000 Euros

Participation of UNEP/MAP (2 representatives) to coordination meeting with EEA is also envisaged in the travel budget under chapter 5 of the project proposal.

3.2. SEIS application to regional SoE reporting (SENSE) on selected topics (2012-2013): EEA perform this in Europe in SENSE project (semantic, type of approach)

This activity will address the capacity to collect information on the state of the environment (by means of linked-open data). The application of the SEIS principles related to data will be applied to" knowledge" in the context of different nodes. This will take a Bottom up approach in order to depict the country specific "story" of specific process of information exchange rather than data, using technology. This will allow the flexibility for a country and culture-specific approach to be supported, developing a reporting and assessment mechanism adapted to the diversity and of the region.

Identification of national good practices on SoE reporting. UNEP/MAP will undertake Research of bibliography on how SoE developed and questionnaire on national good practices). The activity of SEIS application to regional SoE reporting (SENSE) on selected topics will be carried out in 2013 following consultation/agreement with the EEA.

Proposed budget 10 000 euros

Budget breakdown Assessment

Preparation of regional H2020 assessment report	20 000 euros
SEIS application to regional SoE reporting (SENSE) on selected to	10 000 euros
Total budget Assessment	30 000 Euros

4. COMMUNICATION AND DISSEMINATION

Based on the project progress and subject to further agreement with the EEA, UNEP/MAP proposes to provide support to the communication and dissemination activities of the ENPI-SEIS project.

4.1 Communication

UNEP/MAP will cooperate with EEA in framing and implementing the project communication plan, to increase the impact of the SEIS project as much as possible in the ENPI/South region and in the framework of the MAP Communication strategy 2012-2017, adopted by the MAP COP 17, Paris, 2012 (websites, press releases, newsletter); detailed activities will be implemented in 2013 after consultation/agreement with the EEA

Expected output:

a) Project results communicated through UNEP/MAP website, InfoMAP portal, Medpol and BP website

b) Visibility of the project enhanced

Proposed budget   10 000 Euros

4.2 SEIS Dissemination of knowledge

This activity will be focusing on the development of a specific dissemination component. The objective is making use of, and building on, existing good practices, lessons learnt using training and SEIS Cookbook, using emerging model of platform, develop materials and expertise. South-south exchange will be promoted. The InfoMAP e-learning module will be made available for the project. It includes a number of activities reflecting the joint effort to develop the European and Mediterranean recipes to be inserted into the SEIS cookbook, a living document intended for disseminating experience, tools and good practices among the SEIS interested parties. The first draft of the cookbook is almost ready by the EEA; it will be an on line publication that will be enriched with good practices. In this respect, the SEIS related knowledge and good practices developed by UNEP/MAP, also undertaken as part of the ENPI/SEIS South project, will be included in the Cookbook in the future, including: user identification and requirements; data access policy; data collection standards; data management tools; prototype developments for data collection, management and accessibility. These activities will be implemented in 2013 after consultation/agreement with the EEA.

Expected outputs:

c) Contribution to the SEIS cookbook

d) InfoMAP e-learning platform available and training material on-line

Proposed budget   30 000 Euros

Budget breakdown Communication and dissemination

Communication	10 000 euros
SEIS Dissemination of knowledge	30 000 euros
Total budget Communication and dissemination	**40 000 euros**

5. NETWORKING AND MANAGEMENT

UNEP/MAP, will be contributing to the different Working Groups established in the framework of ENPI-SEIS project (indicators, IT, RMR) including any bilateral meetings with EEA, as required, as well as to support the preparation of the final report to EEA on the implementation of the project. UNEP/MAP Coordinating unit will lead the work of UNEP/MAP for implementing project activities.

Period of implementation and milestones

It is expected to run the project over a period of 18 months, from mid-2012 to end 2013.

The activities will have to be timed according to several key meetings, particularly meetings of the H2020 Review, Monitoring and Research sub-group, meetings of the Working Group on Environmental Indicators and Working Group on Information Technologies, technical thematic meetings (e.g. Industrial emissions, waste statistics, etc) and meeting of the ENPI-SEIS Steering Committee.

A quarterly review analysis of the activities implemented will be prepared and discuss with the EEA. Before the start of each activity, an official approval and acceptance of the outcomes of the previous specific activity will be seek from the EEA. At the start of each activity, UNEP/MAP will review the project plan and discuss with the EEA any adjustments needed.

Budget breakdown Network and Management

Project management and preparation of quarterly and final report of project implementation for submission to EEA	20.000 Euros
Participation mission to countries of UNEP MAP team in accordance with project activities and coordination/regional meetings related to the SEIS project	48 000 Euros
Total budget Network and Management	68 000 euros

Total project budget

Total budget components 1, 2, 3, 5	588 000 Euros
Programme Support cost (7%)	41 160 Euros
TOTAL BUDGET OF THE PROJECT	629 160 Euros