

2016.X: Priority list of data sets for eReporting

Title	Priority list of data sets for eReporting			
ID	2016.X			
Status	<input checked="" type="checkbox"/> Proposed	<input type="checkbox"/> Endorsed	<input type="checkbox"/> In Progress	<input type="checkbox"/> Completed
Issue	<p>The implementation of the Directive establishing an Infrastructure for Spatial Information in Europe (INSPIRE, Directive 2007/2/EC) has passed its half-way mark. Based on evaluation of the state-of-implementation and the fitness of the Directive for its intended purpose (a so-called REFIT evaluation), it is clear that further efforts at all levels and by all actors will have to be made over the coming years to close the identified gaps in implementation (against targets) and steer future implementation actions towards maximising the societal and environmental benefits from the INSPIRE Directive.</p> <p>Based on the evaluation of reporting obligations under the environmental legislation, done in the framework of the Better Regulation EC initiative a preliminary list of common datasets related to environmental reporting obligations has been prepared by the DG ENV. This list of datasets needs to be:</p> <ol style="list-style-type: none"> 1) Further elaborated based on the MS input (e.g. identifying the core = most commonly used datasets) as well as maintained 2) Improved / updated based on the detailed conceptual mapping between Reporting objects and INSPIRE spatial data types <p>The first set of core datasets from the list should be made available “as-is” by MS through the European Spatial Data Infrastructure by the end of 2016/1Q2017 and continue with the rest of identified datasets by the end of 2017.</p>			
Proposed action	<p>Two main actions (interlinked, carried out in parallel) are foreseen:</p> <ol style="list-style-type: none"> 1) Refinement and regular update of the priority list of identified data sets related to the reporting obligations (developed by DG ENV) and their publication “as-is” through the European Spatial Data Infrastructure. 2) Detail conceptual mapping of reporting obligation objects and their properties (from agreed reporting sheets) to relevant INSPIRE application schemas and spatial object types. <ol style="list-style-type: none"> a. The result of this will be used for updating the list of datasets as well as it will serve as basis for identifying spatial objects / application schemas that are shared by several reporting flows and whose harmonisation according to INSPIRE hence support streamlining of reporting efforts. b. The evaluation will also take into account possible impacts of proposed changes to reporting obligations / INSPIRE legal and technical framework. 			
Links & dependencies	<p>Dependencies:</p> <ul style="list-style-type: none"> • Alignment with the Fitness Check on Environmental Monitoring and Reporting and the actions developed therein. • Feedback from the INSPIRE CT, MIG T, P – within the agreed INSPIRE MIF activities further input is expected • Feedback and coordination with sectoral policy experts on reporting in the various environmental policy domains (air, water, nature, etc). <p>Links:</p> <ul style="list-style-type: none"> • The new INSPIRE M&R Action depends on an easy way to identify the available 			

	data sets through the national INSPIRE discovery services for its monitoring of the priority datasets Key Performance Indicators (KPIs)
Organisational set-up	<p>JRC, with EEA (DG ENV) support will:</p> <ul style="list-style-type: none"> - Coordinate the improvement of the list of priority datasets and their publication through INSPIRE discovery services (including additional MD if relevant for better search) - Carried out a detailed conceptual mapping of the identified reporting obligations objects with related INSPIRE spatial data objects. - Create a proposal for streamlining data obligations of INSPIRE and/or environmental reporting e.g. reusing common types, object referencing) based on the detailed conceptual object mapping. - Update/extend of the “Find your Scope” SW tool content/functionality to include the agreed mappings <p>A dedicated MIG temporary sub-group coordinated and supported jointly by JRC and EEA is suggested. The sub-group should ideally cover all EU countries. It is also important that the sub-group should consist of INSPIRE as well as thematic experts with respective reporting experience (e.g. NFPs). The sub-group will provide platform to exchange the experience with execution of the tasks. It will also provide feedback to the conceptual mapping and to the proposal for streamlining of the reporting obligations (ROs).</p>
Lead	DG-JRC; EEA
Scope	<p>The scope of the Action that falls under Working area 2: <i>End user applications</i> is to develop further a list of datasets related to environmental reporting and support MSs with making these datasets accessible through the European Spatial Data Infrastructure in a step wise manner. It also reflects the gaps identified during the evaluation of the state-of-implementation and the fitness of the Directive for its intended purpose (a so-called REFIT evaluation). In the scope is also a provision of help (e.g. update of the SW tool - Find your scope /HALE) to transform the priority datasets according to the INSPIRE requirements and proposal for streamlining of selected/prioritized/agreed ROs based on the detailed object mapping (ROs x INSPIRE).</p> <p>The realisation of the proposal for possible streamlining of ROs and if applicable INSPIRE IRs/TGs is out of scope.</p>
Tasks	<p>Task 1) provision of the agreed priority datasets for environmental reporting:</p> <ul style="list-style-type: none"> • Develop a methodology for incremental improvement of the list of datasets. • Make those datasets as-is accessible through the European Spatial Data Infrastructure following the prioritisation (e.g. first most commonly used). • Monitor the provision of datasets related to environmental reporting utilising new KPI(s). • Modify, if needed, the geoportal functionality (e.g. based on additional MD elements) to better search for the priority datasets. • Improve the list of datasets directly relevant for environmental reporting based on implementation experience. <p>Task 2) Detail conceptual mapping of the objects defined in reporting obligations with INSPIRE spatial object types and evaluation of the possible streamlining based on the “re-use”</p> <ul style="list-style-type: none"> • Develop a detailed conceptual mapping between the objects defined in reporting obligations and INSPIRE spatial object types. • Identify those spatial object types that could yield possible synergies for reporting and provide a proposal for streamlining taking into account cost and benefit analysis of possible changes to reporting obligations and/or INSPIRE legal and

	<p>technical framework.</p> <ul style="list-style-type: none"> Based on the mapping develop an extension to the INSPIRE “Find your scope” application. Update the list of the priority datasets (Action 1) based on the results of this detailed object mapping. 		
Outcomes	<ul style="list-style-type: none"> Minimum list of priority datasets for environmental reporting (regularly updated) Identified data sets accessible (discoverable, viewable, downloadable) “as is” through INSPIRE network services Matching tables containing reporting objects as identified in datasets and related INSPIRE spatial object types Extension of the “Find your scope” INSPIRE application Identification of spatial objects that could yield possible synergies for reporting Proposal for streamlining of reporting obligation based on the utilisation of INSPIRE (i.e. first draft taking into account possible impacts) 		
Proposed Impact	<input type="checkbox"/> Technical Adjustment / Bug Fixing <input type="checkbox"/> Technical Improvement / Development <input checked="" type="checkbox"/> Practical Support for Implementing Process <input checked="" type="checkbox"/> Cost Reducing Effect for Implementing Process <input checked="" type="checkbox"/> Direct Support on Policy-Making / - Activities		
Timeline	<p>Date of Kick-off: <i>July 2016</i></p> <hr/> <p>Proposed Date of Completion: 31/12/2017</p>		
Required human resources and expertise	<p>It is essential to get not only INSPIRE experts, but also eReporting ones as well. Therefore, ideally the group composition would consist of nominated eReporting and INSPIRE experts from MS (2 per country) + CT (DG JRC, EEA, ENV)</p>		
Required financial resources	<p>Some funding is foreseen by DG ENV through the Administrative Arrangement with the JRC (see organisational set-up).</p> <p>Additional financial resources may be needed for re-imburement of experts for face-to-face workshops and/or feasibility studies, cost / benefit evaluation regarding the proposal for streamlining and if needed support to the conceptual mapping or its review.</p>		
Risk factors	<table border="0"> <tr> <td style="vertical-align: top;"> <p>Overall risk level of the action</p> <input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low </td> <td style="vertical-align: top;"> <p>Risk factors to be considered</p> <input type="checkbox"/> Missing Resources (especially in 2016 as resource planning for 2016 already took place) <input checked="" type="checkbox"/> High Complexity <input type="checkbox"/> Interdependencies with other Actions <p>Others:</p> <ol style="list-style-type: none"> Nominated people do not have the right expertise – especially related to environmental reporting - and/or availability. Missing acceptance of results of this action by COM/EEA or thematic experts in Member States. </td> </tr> </table>	<p>Overall risk level of the action</p> <input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low	<p>Risk factors to be considered</p> <input type="checkbox"/> Missing Resources (especially in 2016 as resource planning for 2016 already took place) <input checked="" type="checkbox"/> High Complexity <input type="checkbox"/> Interdependencies with other Actions <p>Others:</p> <ol style="list-style-type: none"> Nominated people do not have the right expertise – especially related to environmental reporting - and/or availability. Missing acceptance of results of this action by COM/EEA or thematic experts in Member States.
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