

INSPIRE and NSDI implementation: State of Play

2009-2011



SADL

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Objectives

- The **review of the methodology** of previous State of the Play Studies - bring it more in line with the development of INSPIRE and the latest work carried out by the INSPIRE drafting teams.
- The preparation of an **annual State of Play** study for two phases (2 periods of 12 months) - based on previous State of the Play studies.
- An **in depth study** of 2 aspects that have emerged as being important within the development of INSPIRE - going beyond legal compliance - to better grasp some key issues on successful implementation and best practice.

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Why a new SoP?

- There are M&R obligations for Member States under INSPIRE – Why a new SoP?
- The INSPIRE & NSDI study goes beyond INSPIRE MR
 - INSPIRE & NSDI includes assessment at EU level
 - INSPIRE MR indicators + 3-yearly report
 - INSPIRE & NSDI SoP can collect additional information – INSPIRE <-> NSDI
 - INSPIRE & NSDI SoP studies 34 countries (+7)

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Approach & methodology

- General approach based on:
 - The last version of the GSDI Cookbook
 - The INSPIRE State of Play reports
 - The published INSPIRE Directive
 - The relevant documents from the INSPIRE DTs
 - The documents prepared by the INSPIRE DT on Monitoring and Reporting
- ☞ A Multi-View Framework to Assess Spatial Data Infrastructures (2008)
 - Crompvoets, Joep; Rajabifard, Abbas; Van Loenen, Bastiaan; Delgado Fernández, Tatiana

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Activities

- Activity 1: testing and evaluating the indicators
- Activity 2: drafting annual country reports
- Activity 3: survey related to specific topics of interest
- Activity 4: drafting summary assessment report

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Activities

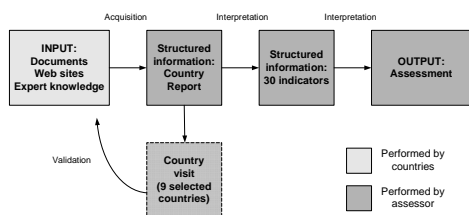
- Activity 1: testing and evaluating the indicators
 - Review the original indicators and the ones of DT MR – mapping; fine tuning
 - Indicators specific to SoP – how to use them in the assessment
 - How to integrate results INSPIRE MR?
 - How to map indicators and make comparisons over time? – separate matrices, new matrices, combined

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Activities

- Activity 1: testing and evaluating the indicators
 - Workshop organised (May 2009)
 - Review the current list of indicators and fine-tune it with the INSPIRE DT list - proposal as a discussion document
 - International experts were reading, thinking and commenting on the proposed methodology.
 - Discuss the different views during the one day workshop and come to some conclusions - practical to implement
 - A technical report on the outcomes of the workshop
 - D.1.1 – Revised indicators document + report WS

SoP: approach and methodology



SoP: approach and methodology

- Indicators
 - Organisational aspects: 7
 - Legal framework, funding: 9
 - Reference and core thematic data: 6
 - Metadata: 3
 - Access to data and services: 3
 - Standards: 1
 - Environment: 1

Activities

- Activity 2: drafting annual country reports
 - Different steps
 - Existing templates will be modified and prepared to streamline (part of) the input from the countries studied
 - 'Clean' existing reports from 2007 (obsolete and incorrect information)
 - Contact countries to receive input
 - Visit (geo-)portals to detect documents, information on developments of the SDI
 - Editing 34 country reports based on the web survey, the analysis of the documents and the input from the countries
 - D2.1xx & D2.2xx – Country reports

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Activities

- Activity 3: survey related to specific topics of interest
 - Approach
 - Establishing a clear list of questions to obtain from the countries answers in a standardised way, where possible quantified, elsewhere in a qualitative way.
 - Distributing the survey questions to the countries and follow-up of incoming answers.
 - Processing the incoming answers, whether quantitative or qualitative and elaboration of reports on the selected topics.
 - Analysing the results in view of additional information for the country reports and a summary section in the summary assessment report

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Activities

- Activity 3: survey related to specific topics of interest
 - Proposed and accepted topics
 - Y1 - Coordination, funding and sharing measures
 - measures taken by the countries to involve stakeholders in the coordination, describing coordination structures and bodies
 - measures taken to fund specific aspects related to the set-up of INSPIRE components
 - measures taken to improve data and service sharing, including the encountered or expected problems
 - D3.1 – Y1 Survey report

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Activities

- Questionnaire sent to 34 countries (11/09)
 - Transposition status of INSPIRE
 - Implementation Strategy
 - Coordination and Cooperation
 - Measures to improve data and service sharing
 - Other questions (e.g. geo-portal)
- Status (13/01/2010)
 - 9 contributions from 8 countries
 - Reply from 22 countries

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Activities

- Activity 3: survey related to specific topics of interest
 - Proposed topics
 - Y2 - Use of the national spatial data infrastructures
 - approach to measure and evaluate the use of (components of) the infrastructure – also quantitatively
 - examples of good practices in the use of the infrastructure (for environmental purposes)
 - ask countries to interview one or more users to get high quality quantitative information regarding one or two concrete use cases
 - D3.2 – Y2 Survey report

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Activities

- Activity 4: drafting summary assessment report
 - Content of the report
 - An overview of the 'old' and 'new' approach, the fine-tuning of the methodology with the most important conclusions
 - A summary of the results of the specific study for that year with the situation in some countries highlighted if appropriate.
 - Analysis of the overall status and progress in Europe
 - Conclusions and recommendations

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Activities

- Activity 4: drafting summary assessment report
 - Approach
 - Elaboration of draft documents
 - Organisation of workshop, each year with expert group and representatives countries (~ INSPIRE conference)
 - Final report taking into account the results of the workshop
 - D4.1 and D.4.2 – summary reports

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Core Project Team

- Core Project Team (CPT)
 - Danny Vandenbroucke – team leader and project manager – technical aspects
 - Dimitrios Biliouris – desktop study – technical aspects
 - Joep Crompvoets – organisational aspects
 - Katleen Janssen – legal aspects
 - Cathy Macharis – pricing and funding aspects
- Danny.vandenbroucke@SADL.kuleuven.be
- Dimitrios.biliouris@SADL.kuleuven.be

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International Board of Experts

- International Board of Experts (IBE)
 - Ian Masser (EN)
 - Bastiaan Van Loenen (NL, EN)
 - Arnold Brecht (NL, EN, DE)
 - Mauro Salvemini (EN, IT)
 - Angela Ionita (RO, EN, FR)
 - Marie-Louise Zambon (FR, EN, IT)
 - Marc Probert (EN)
 - Pedro Muro-Medrano (ES, EN)
 - Kristian Senkler (DE, EN)
 - Christian Eifers (DE, EN)
- Role in WS – input on methodology, surveys, assessment

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