

EuroSDR
Some reflections
from EC perspective

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INSPIRE as a bottom-up process

- Reminder: INSPIRE applies an open and transparent approach in:
 - Formulating the policy
 - orientation papers
 - position papers
 - internet consultation
 - Assessing likely impact
 - first EU legislative initiative with Extended Impact Assessment
 - Advising on process
 - INSPIRE expert group with MS representatives
 - EU "umbrella" organisations
 - Mobilising stakeholders
 - concept of SDICs and LMOs
 - open registration process
 - Providing input to drafting of Implementing Rules and Data specifications
 - through experts,
 - reference material,
 - projects
 - Commenting on drafts, and testing

INSPIRE progress

Country	Transpose	Coordination			Implementation	
		NMA	ENV	Other	Centralised	Federated
Italy	☺		✓	✓		✓
France	☺		✓	✓		✓
Latvia	☺		✓		✓	
Slovenia	☺		✓	✓	✓	
Hungary	☹		✓	✓	✓	
Germany	☺		✓	✓		✓
Lithuania	☺		✓		✓	
Estonia	☺		✓	✓	✓	
Spain	☺		✓	✓	✓	
UK	☺		✓	✓	✓	
Austria	☺		✓	✓	✓	✓
Iceland	☺		✓		✓	
Finland	☺		✓		✓	
Netherlands	☹		✓	✓	✓	
Cyprus	☺		✓	✓	✓	
Denmark	☹		✓	✓	✓	
Norway	☺		✓		✓	
Ireland	☺		✓		✓	

INSPIRE progress

The image displays a grid of 16 small screenshots, each representing a different country's implementation of INSPIRE. The countries shown are Italy, France, Latvia, Slovenia, Hungary, Germany, Lithuania, Estonia, Spain, UK, Austria, and Norway. Each screenshot shows a different web interface, map, or data visualization related to INSPIRE progress in that country.

Examples of impacts

- It is too soon to get INSPIRE "quantified" impact evidence, but is clear that INSPIRE triggered a huge dynamism
- INSPIRE forces "re-thinking" some business model considerations.
- Multiple impacts at national level are being detected and are developing (some less known examples):
 - Iceland: reference to expected benefits of INSPIRE yielded already a positive impact between governmental institutions involved in NSDI development.
 - Lithuania: all state and local authorities will be following common standards and requirements maintaining spatial data + wider use and higher quality of state data and process control.
 - Cyprus: INSPIRE is expected to play a very important role in the every day activities of all government departments using spatial information.
 - Eire: INSPIRE starts facilitating 'joined up government', better environmental protection, demonstrating openness with data held by public bodies.

Examples of impact

- INSPIRE has fostered the development of advanced SDIs also at sub-national level
- Evidence from Catalonia and Lombardia indicates that costs of setting up and maintaining regional SDI can be recovered in less than 2 years, with real benefits to citizens, business and public administration

The image shows a map of Europe with red circles highlighting Catalonia and Lombardia. To the right of the map is a small inset image of a document titled "Advanced Regional Spatial Data Infrastructures in Europe". The document cover features the JRC logo and the text "JRC Scientific and Technical Reports".



INSPIRE in the EC

- JRC action to coordinate SDI components within the Joint Research Center
- Eurostat managed INSPIRE@EC prototype project, and is now managing the follow-up project
- GISCO mandate works on GI coordination within the EC
- GISCO started collecting Metadata on key datasets within EC
- JRC links up with GMES Bureau for coordination between INSPIRE and GMES
- DG ENV set up an interservice group involving INSPIRE, GMES and SEIS
- The group of 4 (EEA, ENV, ESTAT, JRC) started preparing the integration of environmental data centers, with spatial data as an important integrating component
- INSPIRE specifications are getting formally included in contractual terms of new FP7 projects





Impact assessment

- Cost-benefit approach is not applicable to INSPIRE as a whole.
- Paradigm shift needed:
 - from: cost-benefit
 - over: operational efficiencies and avoidance of duplication
 - to: improved social policy response
- More fundamentally:
 - To which extent is impact assessment measurement applicable to an infrastructure?
 - Are impacts measured for other infrastructures, and if so: how, when and by who?





EuroSDR remarks on INSPIRE (from previous workshop)

- Coordination of INSPIRE appears to be problematic
- For better coordination, use softer steering
- Need to balance INSPIRE requirements with other EU, national requirements (e-gov, PSI)
- Lack of economic success stories regarding INSPIRE implementation
- INSPIRE articles on data sharing are most confusing
- Pending legal reform is a cause for many legal uncertainties
- No clear guidelines to follow for organisations at stake.





Concluding remarks

- INSPIRE provides an interesting model for developing an infrastructure in the full meaning of the word, i.e. including technical challenges, shared practices, organisational settings and cooperative partnerships
- Its development requires a lot of time, resources and effort, but the added value of shared ownership of processes and outcomes can hardly be underestimated.
- Uncertainties on how to deal with new developments
 - major commercial players (Google earth, Virtual earth)
 - Crowdsourcing initiatives





Thanks for Your Attention!


