INSPIRE – from the EU perspective
Where we stand and the road ahead

Michael Lutz
INSPIRE KEN webinar, 7 December 2015

www.jrc.ec.europa.eu

Serving society
Stimulating innovation
Supporting legislation

Source: wikipedia.org

How INSPIRE can help users/customers

- Which data sets exist?

- I cannot access them

- Who owns it? How can I access it? What's the scope? What's the quality?

- I cannot view or download it

- I don't understand the data and map content

	Picnic		Camping
	Self-guided Trail		Camping with Power
	Hide		Caravan site with Power
	Guided Trail		

EU-wide gazetteer – an opportunity lost?

- Needs for an EU-wide gazetteer based on authoritative INSPIRE "geographical names" data

- Requests from
  - EU Publications Office for spatially indexing places occurring in EU legal texts (http://eur-lex.europa.eu/)
  - DG CONNECT for providing a "places" search box for the new pan-European Data Portal (http://www.europeandataportal.eu/)

- EDP contractor had to analyse possible data sources based on
  - INSPIRE monitoring tables
  - INSPIRE geoportal
  - National geoportals
  - Web searches

EU-wide gazetteer – an opportunity lost?

- Observations
  - Lack of INSPIRE download services for GN
  - Available downloadable data not INPSIRE compliant
  - INSPIRE view services (WMS) available in some countries
  - Language barrier when trying to access the data
  - Some services only available with extra payment
  - Some services are access restricted
  - Some services are only accessible through "shopping" process
  - Some data sets seem to be incomplete

- Procedure
  - Use geonames.org by default
  - Supersede with official GN information if available

Transportation pilot – benefits

- Improvement of G2B data exchange (DSM)
- Road authorities upgrade from quarterly to daily updates to map providers
- Commercial map providers able to move from disparate national processes to more standardised processes in different EU countries
- Minimal implementation costs for road authorities with mature road database (leverage the investment made with INSPIRE)
- Reduced error rates for map providers (by 72% for speed limits)
- Time savings for end users, costs unchanged
- Improved collaboration between geospatial and thematic communities

What do we bring? Are we in competition with other Internet data providers?

- Most of the Internet data providers collect, standardize and disseminate all relevant corporate, financial, market and M&A data — plus news and analysis — for industries like metals & mining.

- We are partly dealing with the same data (e.g., project/mine status, exploration, production and grades, reserves and resources…) but our goal is to provide the investor, the decision-maker or the stakeholder with the capability (i) to produce in a seamless way his own analysis combining several types of data and (ii) to search for and exploit pertinent syntheses (e.g., the e-Minerals Yearbook [WP4] and foresight studies [WP6]).

- We are covering the whole value chain, putting notably at the end user disposal all the geological and metallogenic knowledge necessary to evaluate ongoing mining projects (potential of the area, potential of development…).

No competition, but complementarity

INSPIRE implementation – Where do we stand?

Where do we stand?

✔ Largely ok; discussions which data sets are in scope, some environmental data missing

✘ ✔ Many data are open; but also many data sharing agreements missing

✔ Largely ok, but sometimes seen as a one-off exercise

✔ ✘ Not yet widely implemented, but improving (in particular Annex I+II & Atom download)

✘ Implementation only starting (mainly Annex I)

INSPIRE implementation and use

Where are we going?

Better regulatory monitoring

for better implementation of environmental regulation

"e-environment for green results "

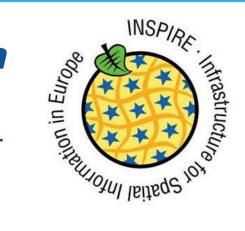(The reporting initiative under the Better Regulation Package)

INSPIRE, Europe's *lingua franca* for anything geospatial

EU implementation of the **G8 Open Data Charter**

EU Open Data Strategy

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee, and the Committee of the Regions:
A Digital Agenda for Europe *– COM(2010) 245 final/2*

Directive 2013/37/EU of 26 June 2013 amending Directive 2003/98/EC on the **re-use of public sector information** *(PSI) Directive 2003/98/EC*

Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: **A Digital Single Market Strategy for Europe**

Towards **interoperability for European public services** *COM(2010) 744*

Commission Decision on a Union Civil Protection Mechanism & Guidance for **Recording and Sharing Disaster Damage and Loss Data**