

# INSPIRE as a framework for participation for non-EU countries

- Strong interest and commitment to follow INSPIRE model
- A number of non-EU countries are advancing with the adoption and implementation of INSPIRE-like infrastructures
- World Bank, donor nations, and EU support a number of SDI-related projects
- Need for better coordination of this support

# First INSPIRE Mash-up event for biodiversity

- Objective
  - Show the added value of INSPIRE data and services that are being made available
  - Identify gaps or needs
- Key results
  - Biodiversity applications developed by team composed by Bulgarian Ministry of Environment and Water Austrian Environmental Agency, and Slovak Environmental agency
    - With special thanks to Kathi Schleidt, Martin Koska and Peter Mozolik.
  - Actual demonstrator presented during workshop (and is remaining available online)

# First INSPIRE Mash-up event for biodiversity (2/2)

- INSPIRE is framework that facilitates creation of new applications
- Feedback on data specifications
- Urgent need for
  - Industry support for INSPIRE specifications
  - Stability of standards
  - Reference implementations

# GMES proposal for a regulation

- Explanatory memorandum:
  - Consistency with other policies and objectives of the EU:
    - As outlined in the 2008 Communication, **GMES needs to be compliant with the Infrastructure for Spatial Information in Europe (INSPIRE) framework.** INSPIRE is based on a Directive that covers spatial data held by public authorities in the Member States. It places no obligation on Member States to create new geospatial data sets, whereas the objective of GMES is to ensure the continuous availability of operational Earth observation services.
- Pre-amble 18:
  - GMES services should be **fully and openly accessible.** This is necessary to promote the use and sharing of Earth observation data and information **in accordance with the principles of the SEIS, INSPIRE and Global Earth Observation System of Systems (GEOSS)**
- Regulation: Organisational arrangements
  - Commission: implementation and coordination with national activities
    - Art. 4 § 2: **“The Commission shall manage the funds allocated to the activities under this Regulation in accordance with ... and shall ensure complementarity and consistency of the GMES programme with other relevant Community policies, instruments and actions, relating in particular to ... Directive 2007/2/EC (INSPIRE),...”**

# SAFER, the (positive) GIGAS Effect



GESER SAFER Action No. 24  
Product n°08

## POLAND

Eastern Krakow area  
Wisla River - Flood extent  
Situation the 22nd of May 2010

Location Diagrams

Legend

- Potentially flooded area
- Reference water body

Interpretation

Mid May 2010, heavy rains caused serious flooding affecting the cities, villages and infrastructure of southern Poland. This product maps the potentially flooded areas detected the 22nd of May 2010 (RADARSAT-2) along the Wisla River, in the eastern Krakow area. This map should be used with precaution, exhaustivity is not guaranteed, particularly in urban and forest areas.

Cartographic information

0 1 2  
Km

Local projection: UTM 34 North, Datum: WGS 84  
Geographic projection: Lat/Lon (GDA), Datum: WGS 84  
Scale: 1:25 000 for A1 points

Data Sources

Crisis water bodies extracted from RADARSAT-2 (3 m)  
acquired the 22nd of May 2010  
© SERTIT 2010

Reference water bodies extracted from ALOS AVNIR-2 (10 m)  
acquired the 28th of April 2010  
© SERTIT 2010

Background imagery  
Natural colours ALOS AVNIR-2 image (10 m)  
acquired the 28th of April 2009  
© JAXA 2009

Framework

The products elaborated for this Rapid Mapping Activity are realized to the best of our ability, with in a very short time frame, during a crisis/situation, optimizing the material available. All geographic information has limitations due to the scale, resolution, date and interpretation of the original source materials. No liability concerning the content or the use thereof is assumed by the producer. The research leading to these results has received funding from European Community's Seventh Framework Programme (FP7-2007-2013) under grant agreement n° 218652.

Map produced the 22nd of May 2010 by SERTIT  
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## Safer Activation - Flood on Krakow, Poland - 22 May 2010



# Sparx Systems



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The student mentor/tutor will be awarded a prize of €1000**

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