

“An INSPIREd Cadastre”

Hugo DE GROOF

Directorate-General Environment

Chief Scientist, Research and Innovation Unit

Hugo.De-Groof@ec.europa.eu

European Commission INSPIRE TEAM

Eurostat – DG Environment – Joint Research Centre

Overview

- The cadastre and INSPIRE – a history
- INSPIRE impact on access and use of cadastral data
 - Data policy
 - Technical
- Cadastre and the environment – challenges & opportunities

The cadastre and INSPIRE – a history

- 2002 Granada, 2002 - 1st PCC conference
- 2004 – Scope of INSPIRE – includes cadastre
- 2005 – Co-decision negotiation on INSPIRE – cadastre moved to Annex I
- 2005 - Kick-off of data specifications work for INSPIRE implementing rule – Cadastre Thematic Working Group
- 2009 - Regulation data specifications Annex 1 endorsed by INSPIRE Committee – entry into force December 2010

INSPIRE – Data Sharing: access and use of cadastral data

- For purposes of EU Environmental policies and policies or activities which may have impact on the environment
- Without prejudice to : “Aarhus” Directive 2003/4/EC & “PSI” Directive 2003/98/EC
- Does not affect ‘ownership’ or ‘intellectual property’

INSPIRE Sharing with Who ?

1. “Public authority” – defined in INSPIRE
 - a) Any government or public administration – all levels
 - b) Any natural or legal person with admin.functions under national law – in relation to environment
 - c) Any natural or legal person under control of a) b).
2. The “Public” – defined in Aarhus Directive
 - “one or more natural or legal persons, and, in accordance with national legislation or practice, their associations, organisations or groups”
3. “Third Parties” – defined in INSPIRE
 - Any natural or legal persons other than “Public authority”

DIFFERENT CONDITIONS APPLY for 1, 2, 3

Sharing Conditions – complement PSI directive

1. Between “Public authorities” – INSPIRE Article 17
 - a. Member State “measures” shall preclude any restrictions at point of use
 - b. Licensing, charging allowed, but compatible with a.
 - c. Derogations: course of justice, national defence, international relations.
2. With the “Public” – Aarhus & INSPIRE Chapter IV
 - a. Through discovery & view services ‘free of charge’
 - Derogation for ‘view’ – charging allowed - if to ensure maintenance of large volumes, frequently updated
 - b. If not ‘free of charge’ for view, download, invoke – then e-commerce services must be available.
 - c. Several derogations possible, compatible with Aarhus directive for view, download... e.g IPR, course of justice, confidentiality, national defence, international relations, etc.
3. With “Third Parties”, TP (subcategory of 2.)
 - a. Aarhus directive & PSI directive apply
 - b. Member States to make it possible for TP to ‘link’ their data to the INSPIRE ‘services’

INSPIRE Metadata

- “Implementing Rule”
- Commission Regulation No 1205/2008 of 3 December 2008 on Metadata
- Has to be created, conform and kept up-to-date
- For spatial data corresponding to Annex I and II : by 03-Dec-2010 – (including cadastre)

INSPIRE Network Services

- “Implementing Rule”
- Commission Regulation No 976/2009 as regards the Network Services of 19 October 2009
- to “discover” available data and to “view” the data - to be operational by 19-Oct-2011
- amended, extending the services to “download” and “transformation” will be adopted by mid-2010. - to be operational by mid-2012
- amendment in progress, regarding the chaining and “invoking of spatial data services”, is foreseen for mid-2012

INSPIRE & spatial interoperability

- INSPIRE Chapter III – Interoperability of Spatial Data Sets and Services
- “Implementing Rule” – Commission Regulation
 - For Annex I – including cadastre
 - Endorsed by INSPIRE Committee December 2009
 - Commission adoption in December 2010
 - Applicable on 15 December 2010
- Bottom-up developed by cadastre community experts + Implementation Guidelines
- When to be “Conform” ?
 - within 1 year for “new or restructured”
 - Within 7 years for “existing”



Challenges & Opportunities EU Laws & Strategies

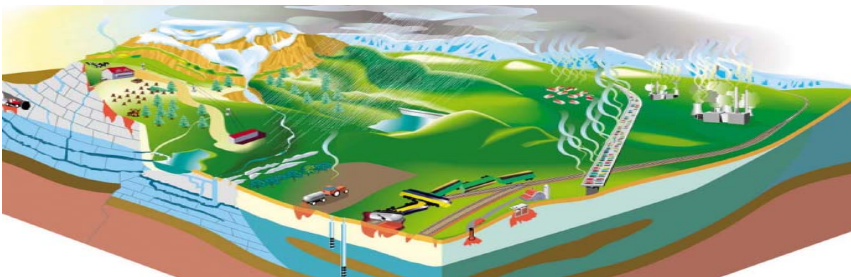
- Nitrates Directive
- Floods Directive
- Birds & Habitat Directive – Natura 2000
- Pesticides Directive
- Water Framework Directive
- Seveso Directive
- Noise Directive
- Ambient Air Quality Directive
- Marine Strategy Framework Directive
- Biofuel Directive
- Greening of the Common Agricultural Policy

Instruments to overarching strategies

- Adaptation to - and mitigation of climate change
- Environment & Health Action Plan
- Soils Thematic Strategy
- Biodiversity Action Plan
- Natural Resource Thematic Strategy
- Urban Environment Thematic Strategy
- Mitigation of man-made and natural disasters
- Adaptation to and mitigation of climate change

MUCHAS GRACIAS !!!

get to grips with
climate change



**YOU CONTROL
CLIMATE CHANGE.**



TURN DOWN. SWITCH OFF. RECYCLE. WALK. **CHANGE**