Recent **INSPIRE** developments

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Serving society
Stimulating innovation
Supporting legislation

Outline

- INSPIRE current status with overview of legislation

- Maintenance and Implementation Framework

- Copenhagen meetings from 14-17 October 2013

- Open (geo) data & initiatives

- Danube Reference Data and Service Infrastructure (DRDSI)

INSPIRE Current status

- The legal framework has been established
- Development of NSDIs across EU according to provisions of the Directive
- Many components and services of infrastructure are already in place
- Implementation of INSPIRE is entering a new phase (focus is now on MS)
- MIF = Maintenance and implementation framework
- evolution of INSPIRE

INSPIRE Directive & Implementing Rules

- INSPIRE Legal Acts published in the Official Journal of the EU
- **Directive** 2007/2/EC (INSPIRE) 14.03.2007
- INSPIRE **Metadata** Regulation 03.12.2008 (corrigendum 15.12.2009)
- Commission Decision regarding INSPIRE **monitoring and reporting** 05.06.2009
- Regulation on INSPIRE Network Services 19.10.2009 (**View and discovery**)
- Regulation on INSPIRE **Data and Service Sharing** 29.03.2010
- Commission Regulation amending Regulation (EC) No 976/2009 as regards **download services and transformation services** 10.12.2010
- Commission Regulation implementing Directive 2007/2/EC of the European Parliament and of the Council as regards **interoperability of spatial data sets and services** 10.12.2010 (Annex I)
- Commission Regulation amending Regulation 1089/2010 as regards interoperability of spatial data sets and services 05.02.2011 (**code list**)
- **Annex II+III** amendment to Regulation on the interoperability of spatial data sets and services adopted 21.10.2013.

Maintenance and Implementation

- ## Support to the implementation of the IRs, e.g.
  - Answering questions around INSPIRE implementation
  - Facilitating the discussion of issues and exchange of experiences between INSPIRE experts in existing groups
  - Implementation/hosting of central infrastructure components
  - Capacity building, development of training material etc.
  - Support to eReporting

- ## Corrective maintenance to IRs, e.g.
  - Corrigenda to the MD Regulation and M&R Decision
  - Corrections and bug fixes in TG documents or schemas

- ## Evolutive maintenance of the IRs, e.g.
  - Taking into account requirements emerging from environmental legislation or developments in technology / standardisation

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Setting up the INSPIRE MIF

Organisation:
- Main pillar: Permanent Commission Expert Group on INSPIRE Maintenance & Implementation (MIG)
  - 1 member (plus back-up) proposed by MS
  - based on successful model of IOC Task Force
  - Main task: cross-cutting issues, e.g. architecture, registers
- In addition: Ad-hoc sub-groups for specific tasks
  - Members from a "pool of experts" (proposed by SDICs/LMOs)
  - Tasks: Specific (time-limited) maintenance/implementation tasks

Call for Experts for INSPIRE Maintenance and Implementation

To maintain the unique expertise that has been created during the development of the INSPIRE legal acts and Technical Guidelines, the Commission is setting up a **pool of experts** on INSPIRE implementation and maintenance based on an open-ended call for experts, which is available at

http://inspire.ec.europa.eu/mif

The call is open to all individuals with a high level of expertise in one or several of the aspects relevant for INSPIRE implementation and maintenance.

The experts should provide ad-hoc input to discussions related to INSPIRE implementation and/or participate in sub-groups set up by the MIG to address specific maintenance or implementation support tasks.

The call will be open-ended, and **registration will be possible from 8th of July 2013.**

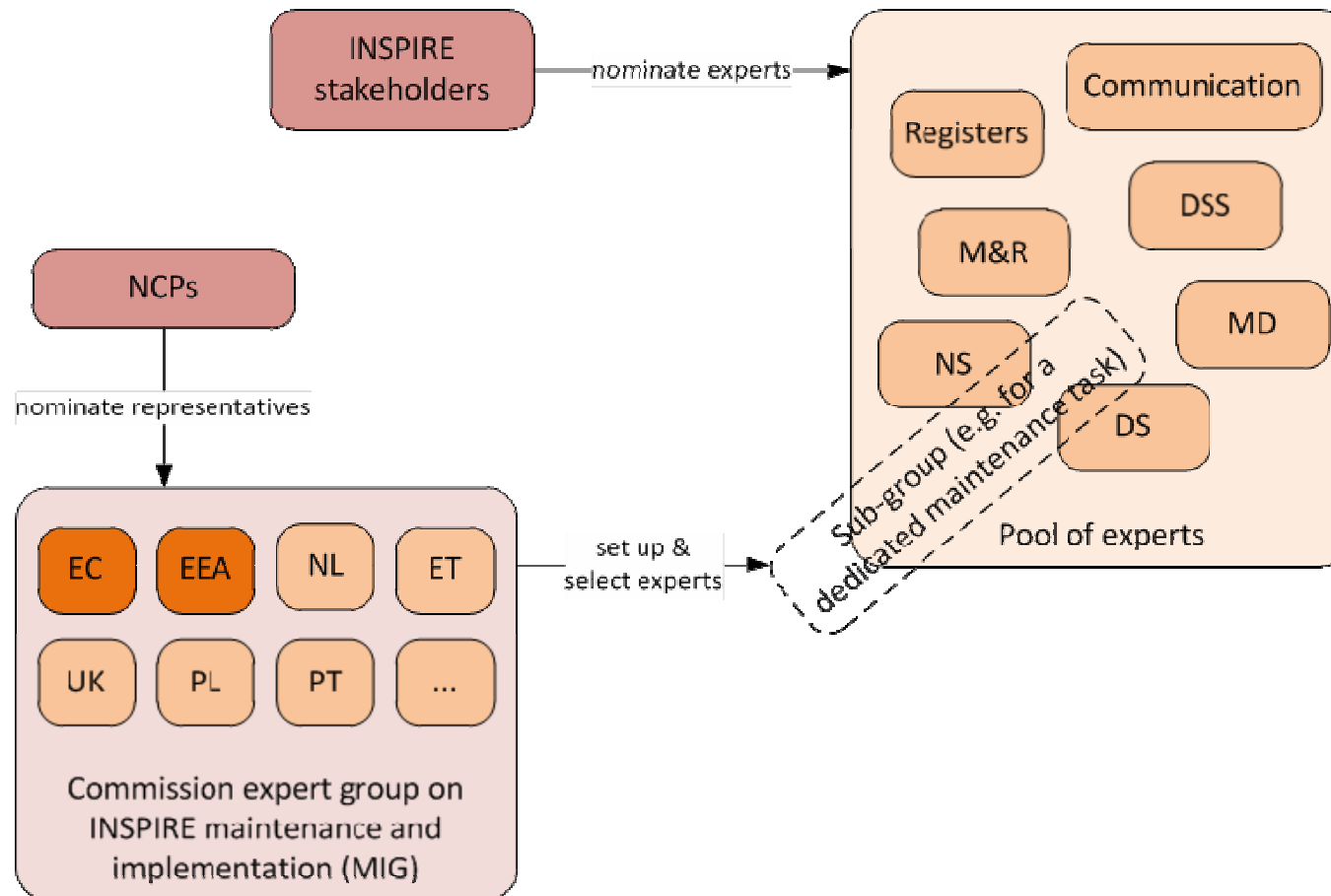**The INSPIRE Maintenance and Implementation Framework**

It is crucial to support the coherent implementation of the INSPIRE infrastructure and to ensure that the INSPIRE legal acts and Technical Guidelines are maintained to take into account lessons learned during the implementation. Therefore, the Commission, in agreement with the Member States, is setting up the **INSPIRE Maintenance and Implementation Framework (MIF)**, which is based on the same principles as those applied for its development.

As part of this framework, a Commission expert group called **INSPIRE Maintenance and Implementation Group (MIG)** with representatives of the INSPIRE national contact points will be established by mid-2013 and kick-off its work in October 2013. The MIG aims at bringing about an exchange of experience and good practices between the Member States, to identify and give advice about implementation and maintenance issues to be addressed and to prepare and regularly update a rolling work programme.

The MIG will be complemented by a **pool of experts** drawn from the stakeholder community, following a call for expression of interest (see reverse side).

Setting up the **INSPIRE MIF**

Copenhagen meetings from 14-17 October 2013

- MIG Kick-off

- INSPIRE Monitoring and Reporting

- ISA working group on Spatial Information & Services

- INSPIRE NCPs & EIONET NFPs

MIG main topics (priority issues)

- Improve accessibility and readability of TG
- Better information on FAQ
- Guidelines and best practices for access control (authentication, authorisation and accounting - AAA)
- Managing and using http URIs for INSPIRE identifiers
- Validation and conformity testing
- INSPIRE registry
- Extension of Download Service TG for observation, coverage and tabular data
- Annex I updates
- Update of MD TG
- Encoding, GML
- Theme specific issues
- Support to thematic legislation

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INSPIRE Monitoring and Reporting (with possible futures)

- Most countries could deliver in time
- Country reports vary in text and precision
- Lack in comparability of country reports due to different interpretations (and styles)
- Simplification of deliveries
- Further automation of submissions
- Quality assurance
- Support of XML and other formats
- Closer connection between monitoring and reporting

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1st meeting of the ISA WORKING GROUP on SPATIAL INFORMATION AND SERVICES
16-17 October 2013

*I*nteroperability
*S*olutions for
European public
*A*dministrations

Common frameworks

Common services

Re-usable generic tools

Sharing and re-use

ISA is a key enabler for Public Administrations to join forces, bring down e-barriers and overcome financial constraints

European Union Location Framework

Delivering growth and better services through "location-enabled government"

http://ec.europa.eu/isa/actions/02-interoperability-architecture/2-13action_en.htm

https://joinup.ec.europa.eu/community/eulf/description

http://inspire-forum.jrc.ec.europa.eu/pg/groups/228519/european-union-location-framework-the-study/

https://twitter.com/EULocation
#EULF

ARe³NA
A Reusable INSPIRE Reference Platform

http://ec.europa.eu/isa/actions/01-trusted-information-exchange/1-17action_en.htm

https://joinup.ec.europa.eu/community/are3na/description

http://inspire-forum.jrc.ec.europa.eu/pg/groups/120868/a-reusable-inspire-reference-platform/

#ARe3NA

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Open (geo) data & initiatives

- Geoinformation is one of the most desired re-usable information (Neelie Kroes, 2012)
- PSI Directive
- Open Data Initiatives
  - open data portals (facilitate access to and re-use of public sector information)
  - towards a pan EU data portal – data.gov.eu
  - working with EU MS on data formats and interoperability
  - Linked Open Data Around the Clock (LATC) project
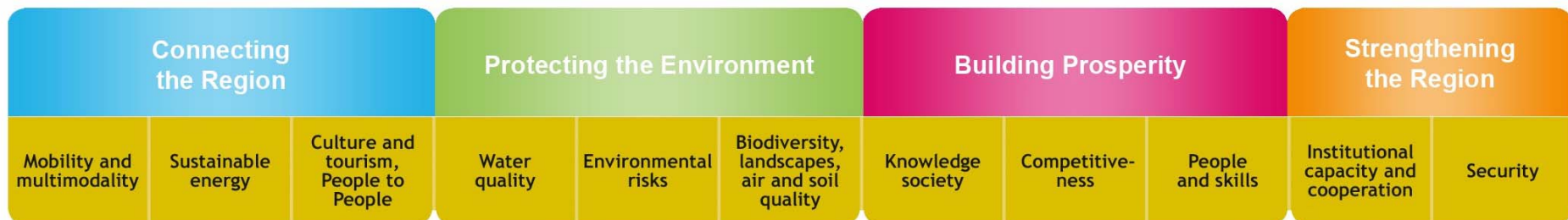- Economic gains in the order of EUR 40 billion a year
- Concerns …

EU Strategy for the Danube Region

The Danube region:

- 14 countries (EU, Candidate Countries, Non-EU
- Over 100 million inhabitants
- Disparities in socio-economic development
- Huge language diversity

EUSDR - **a macroregional strategy,** endorsed in June 2011 by the
    European Council and launch of the implementation phase.

11 Priority Areas

Connecting the Region			Protecting the Environment			Building Prosperity			Strengthening the Region	
Mobility and multimodality	Sustainable energy	Culture and tourism, People to People	Water quality	Environmental risks	Biodiversity, landscapes, air and soil quality	Knowledge society	Competitive-ness	People and skills	Institutional capacity and cooperation	Security

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DANUBE REGION strategy

JRC response

4 flagship clusters:

- Danube Water Nexus (DWN)
- Danube Land and Soil Nexus (DLSN)
- Danube Air Nexus (DAN)
- Danube Bio-energy Nexus (DBN)

2 horizontal activities:

- Danube Reference Data and Service Infrastructure (DRDSI) pilot project
- Smart Specialisation

DRDSI

- Single access point for access to Danube region data
- Platform for collaboration
- Establishment of a Danube data community
- Increase of visibility of project results
- Platform for sustainability
- Real test case for INSPIRE in cross-border context
- Combined use of data
- Data services

DRDSI platform

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Thank you for your attention!

Welcome to the 8th INSPIRE Conference that
will take place in Denmark, 16-20 June 2014

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