

INSPIRE Implementing Rules & Technical Guidelines – Status & next steps

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4th Workshop on the use of GIS/OGC standards in meteorology, 4-6 March 2013, Reading

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Stimulating innovation
Supporting legislation*



INSPIRE Directive & Implementing Rules

- The INSPIRE Directive lays down **general rules** to establish an **Infrastructure for Spatial Information in Europe** for the purposes of Community **environmental policies** and policies or activities which may have an impact on the environment
- INSPIRE is built on the **SDIs established and operated by the Member States**
- **JRC** is the **technical coordinator**
- **Implementing Rules** (IR, legal acts)
 1. Metadata
 2. Interoperability of spatial data sets and services
 3. Services (discovery, view, download, transform, invoke)
 4. Data and Service sharing (policy)
 5. Monitoring & reporting

INSPIRE in a nutshell

- Comprehensive **data inventory** (Monitoring & Reporting IR)
- **Facilitate data discovery** through standardised discovery services & metadata (IR on Network Services & Metadata)
- **Data sharing** (IR on Data and Service Sharing)
- **Facilitate data access** by allowing standardised view, download and transformation (IR on Network Services)
- **Facilitate data use and interoperability** by adopting common cross-domain models to exchange data (IR on Data Interoperability)

INSPIRE thematic scope

Annex I

1. Coordinate reference systems
2. Geographical grid systems
3. Geographical names
4. Administrative units
5. Addresses
6. Cadastral parcels
7. Transport networks
8. Hydrography
9. Protected sites

Annex II

1. Elevation
2. Land cover
3. Ortho-imagery
4. Geology

Annex III

1. Statistical units
2. Buildings
3. Soil
4. Land use
5. Human health and safety
6. Utility and governmental services
- 7. Environmental monitoring facilities**
8. Production and industrial facilities
9. Agricultural and aquaculture facilities
10. Population distribution – demography

11. Area management/ restriction/regulation zones & reporting units

12. Natural risk zones

13. Atmospheric conditions

14. Meteorological geographical features

15. Oceanographic geographical features

16. Sea regions
17. Bio-geographical regions
18. Habitats and biotopes
19. Species distribution
20. Energy Resources
21. Mineral resources

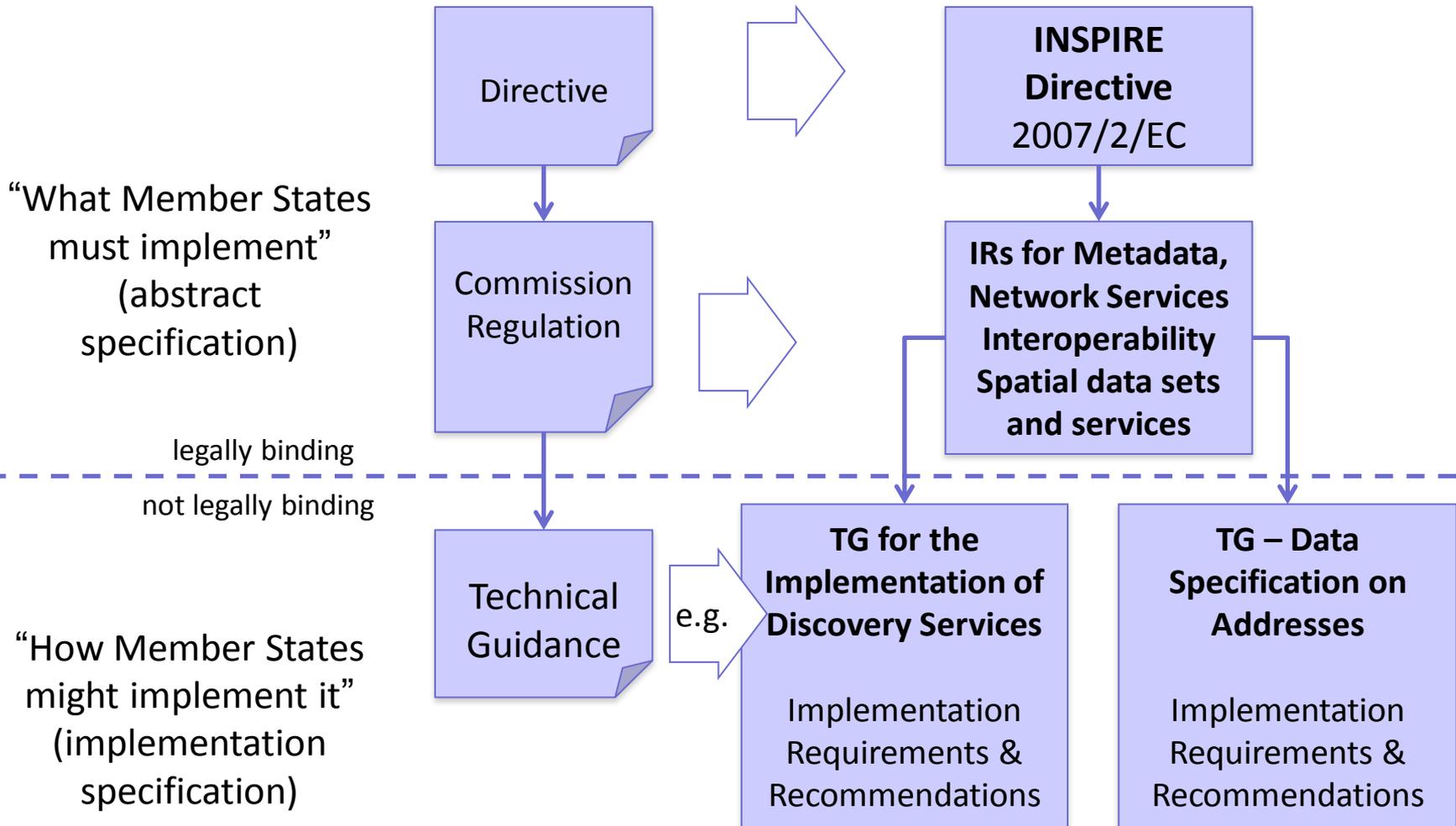


Coordination

- Transparency and inclusiveness
- Stakeholder consultations
- **Support to Member States** on the implementation
- Extend INSPIRE to and ensure consistency of **different policy domains**
- Promote INSPIRE in **international standardisation**



IRs vs. TG





Implementation Roadmap

What	When
Metadata available for Annex I+II spatial data	Dec 2010
Discovery and view services IOC	May 2011
Discovery and View Services operational	Nov 2011
Download and Transformation Services IOC	June 2012
Download and Transformation Services operational	end 2012
Access to (newly collected / all) Annex I spatial data sets under harmonised conditions	end 2012 / 2017
Metadata available for Annex III spatial data	Dec 2013
Access to (newly collected / all) Annex II+III spatial data sets under harmonised conditions	around Oct 2015 / 2020

Moving into the Implementation phase

- 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

The INSPIRE MIF*

- Organisation
 - Main pillar: Permanent Commission Expert Group on INSPIRE Maintenance & Implementation
 - 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
 - There could also be a role in the MIF for European (or global) umbrella organisations

The INSPIRE MIF

- Procedures
 - Regularly updated work programme
 - Important to collect, filter and prioritise (with MS) change requests and requests for implementation support
 - discussed with the Member States
 - Issues can be addressed by
 - EC INSPIRE team
 - workshop with relevant experts
 - ad-hoc sub-group
 - other stakeholders, e.g. European/global umbrella organisations
- Schedule
 - Further details to be discussed with the MS in April

Thank you ... Questions?

More information

- INSPIRE web site: <http://inspire.jrc.ec.europa.eu/>
- INSPIRE Geoportal: <http://inspire-geoportal.ec.europa.eu/>

**Join us at the INSPIRE Conference in Florence
23-27 June 2013**

http://inspire.jrc.ec.europa.eu/events/conferences/inspire_2013/