From Development to Implementation: Changing INSPIRE Communication Needs

Christian Ansorge, P. Smits, R. Tomas,
K. Fullerton, D. Lihteneger, P. Hasenohr

Lisbon, 25th May 2015

European Environment Agency

Outline

1. Communication and coordination
2. New requirements stemming from implementation and survey
3. Current activities

European Environment Agency

4 statements

Communication (for SDI) is:

- Essential
- Omnipresent
- Changing and progressing
- Complex

European Environment Agency

Back in time .. 2003

- Communication is the key component of **coordination**

- **Coordination** is main pillar of SDI/INSPIRE implementation
  - Coordination as most work intensive of four components (Harmonisation, Metadata, Legal Framework)
  - Identified 2003, *Results Task Force XIA*

- Communication is essential

European Environment Agency

Back in time .. 2007

- Directive 2007/2/EC
  - *Article 18* and *Article 19* regulating coordination and networks on national and European level
  - "*Member States shall ensure that appropriate structures and mechanisms are designated for <u>coordinating, … , the</u> contributions of <u>all those with an interest</u> in their infrastructures for spatial information.*"
- Communication is omnipresent

INSPIRE development – A collaborative effort underpinned by coordination and communication

- 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

27 MS
Member States
(+ EFTA countries, Turkey)

238 Experts for Annex II/III
(latest call)

28 TWGs
Thematic Working Groups

300 Experts
(drafting team and working groups)

JRC INSPIRE Team

>6500 comments
Data interoperability stakeholder consulation

34 Themes
Thematic Scope

275 LMOs
Legated Mandated Organizations

486 SDICs
Spatial Data Interest Communities

3087 User Organizations
registered on the INSPIRE web site

5 Drafting Teams & IOC Task Force

Consolidation Team
DG ENV, ESTAT, JRC, EEA

Support MSs with implementation

Why the Maintenance and Implementation Framework (MIF)?

Legislation

- COMMISSION REGULATION (EU) No 1253/2013 of 21 October 2013 amending Regulation (EU) No 1089/2010 implementing Directive 2007/2/EC as regards interoperability of spatial data sets and services 10.12.2013
- COMMISSION REGULATION amending Regulation 1089/2010 as regards interoperability of spatial data sets and services 05.02.2011
- COMMISSION REGULATION (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services 08.12.2010

Technical Guidelines Annex I

- INSPIRE Data Specification on Addresses – Technical Guidelines 3.1 17.04.2014
- INSPIRE Data Specification on Administrative Units – Technical Guidelines 3.1 17.04.2014
- INSPIRE Data Specification on Cadastral Parcels – Technical Guidelines 3.1 17.04.2014
- INSPIRE Data Specification on Coordinate Reference Systems – Technical Guidelines 3.1 17.04.2014
- INSPIRE Data Specification on Geographical Grid Systems – Technical Guidelines 3.1 17.04.2014
- INSPIRE Data Specification on Geographical Names – Technical Guidelines 3.1 17.04.2014
- INSPIRE Data Specification on Hydrography – Technical Guidelines 3.1 17.04.2014
- INSPIRE Data Specification on Protected Sites – Technical Guidelines 3.1 17.04.2014
- INSPIRE Data Specification on Transport Networks – Technical Guidelines 3.1 17.04.2014

Technical Guidelines Annex II & III

- INSPIRE Data Specifications – All v3.0 Technical Guidelines for Annexes II & III 13.12.2013
- INSPIRE Data Specification on Agricultural and Aquaculture Facilities – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Area Management/Restriction/Regulation Zones and Reporting Units – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Atmospheric Conditions and Meteorological Geographical Features – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Bio-geographical Regions – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Buildings – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Elevation – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Energy Resources – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Environmental Monitoring Facilities – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Geology – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Habitats and Biotopes – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Human Health and Safety – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Land Cover – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Land Use – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Mineral Resources – Technical Guidelines 10.12.2013
- INSPIRE Data Specification on Natural Risk Zones – Technical Guidelines 10.12.2013

Maintain 6 legal acts and 40+ Technical Guidelines

European Environment Agency

Communication progression

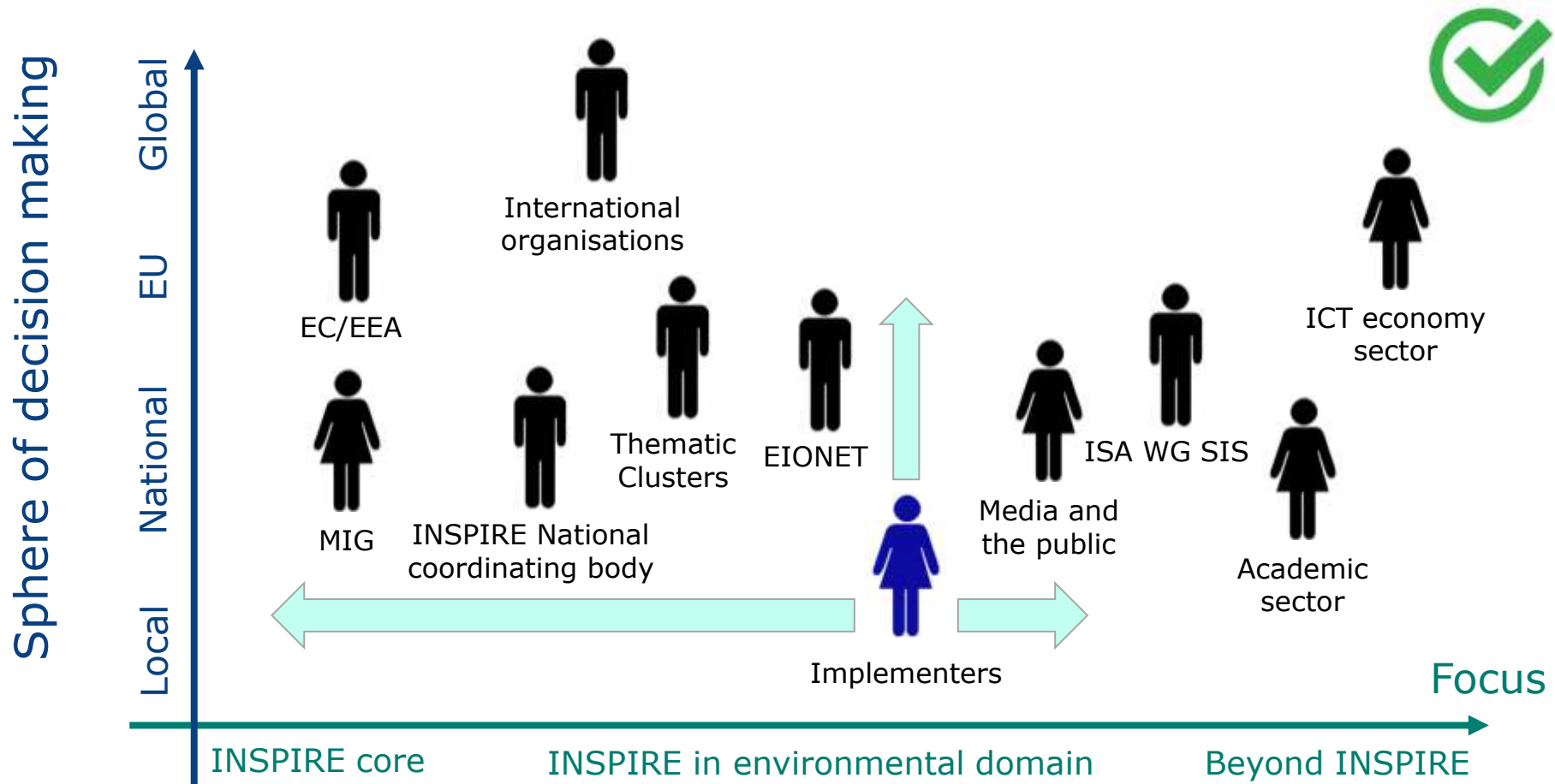| INSPIRE Directive | National transposition | Implementing Provisions | Implementation |

Each step has a certain scope:
- Processes are changing
- Stakeholder are changing
- Communication has to adopt and progress

European Environment Agency

Communication to support INSPIRE implementation - Actors and their sphere of influence

European Environment Agency

Communication in stakeholer survey

- INSPIRE Stakeholder Survey 2014
- Coordination/Communication a.o. mentioned as
  - #2 in the list of perceived obstacles
  - #1 in the list of suggested changes or improvements

  But also as
  - #3 in the list of INSPIRE benefits

Link: http://inspire.ec.europa.eu/reports/consultations/INSPIRE_Public_Consultation_Report_final.pdf

European Environment Agency

Perceived obstacles - Concrete quotes from the survey..what "you" said

lack of use cases "and a lack of communication of potential benefits has made it very difficult to secure appropriate resources .."

"Lack of communication and assistance about implementation of technical rules"

".. 2. Lack of understanding how INSPIRE would benefit us locally. 3. Lack of clear communication and tight deadlines."

European Environment Agency

suggested changes or improvements - Concrete quotes from the survey..what "you" said

"Better communication to the public, currently INSPIRE is not really known and for "specialists" only. A broader public could, and should, use INSPIRE, it is a great source of information on a gigantic scale!"

"More communication and specifications on the quality of data on which we have a good experience. INSPIRE also needs a better organization at all the geographical scales, as we can see it from the very local to the regional level, and how all of these interact. We can share our experience: ... "

"Better communication and knowledge sharing between institutions that use GIS"

European Environment Agency

Benefits - Concrete quotes from the survey..what "you" said

"better communication about datas and who produces these datas"

"Inspire forces new ways of communication and cooperation among organisations involved in the harmonisation of data"

"INSPIRE supports communication and cooperation between different bodies of public administration on different levels (international, national, regional, local)"

European Environment Agency

Future challenges:

- Implementation is ongoing, implementers become most important actors
- Annex III implementation bring new challenges and stakeholders
- Feedback from implementation must be gathered and channeled to trigger improvements

We have listened - List of ongoing activities

- INSPIRE MIF (MIG – collaboration platfrom)
- Social networks and media
- Supporting thematic communities - Thematic clusters
- Collecting reusable tools, apps, improvements – Are3na Reference platform
- INSPIRE in your country
- INSPIRE website
- Inspire Trainings
- INSPIRE Forum
- Inspire CONFERENCES….   **But, is it enough?**

European Environment Agency

We are still listening

- Your feedback – INSPIRE stand
- Learn about our communication more
  - Monday
  - Tuesday – lunch talk
  - Wed – Thu - lunch talks – INSPIRE Thematic clusters activity…
- Get in touch with your national representatives and join the Thematic clusters

European Environment Agency

Thanks!

Christian Ansorge

European Environment Agency

christian.ansorge@eea.europa.eu

European Environment Agency