

INSPIRE Thematic Clusters

Engaging thematic communities in the INSPIRE maintenance and implementation process

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Facilitator INSPIRE Thematic Cluster #3



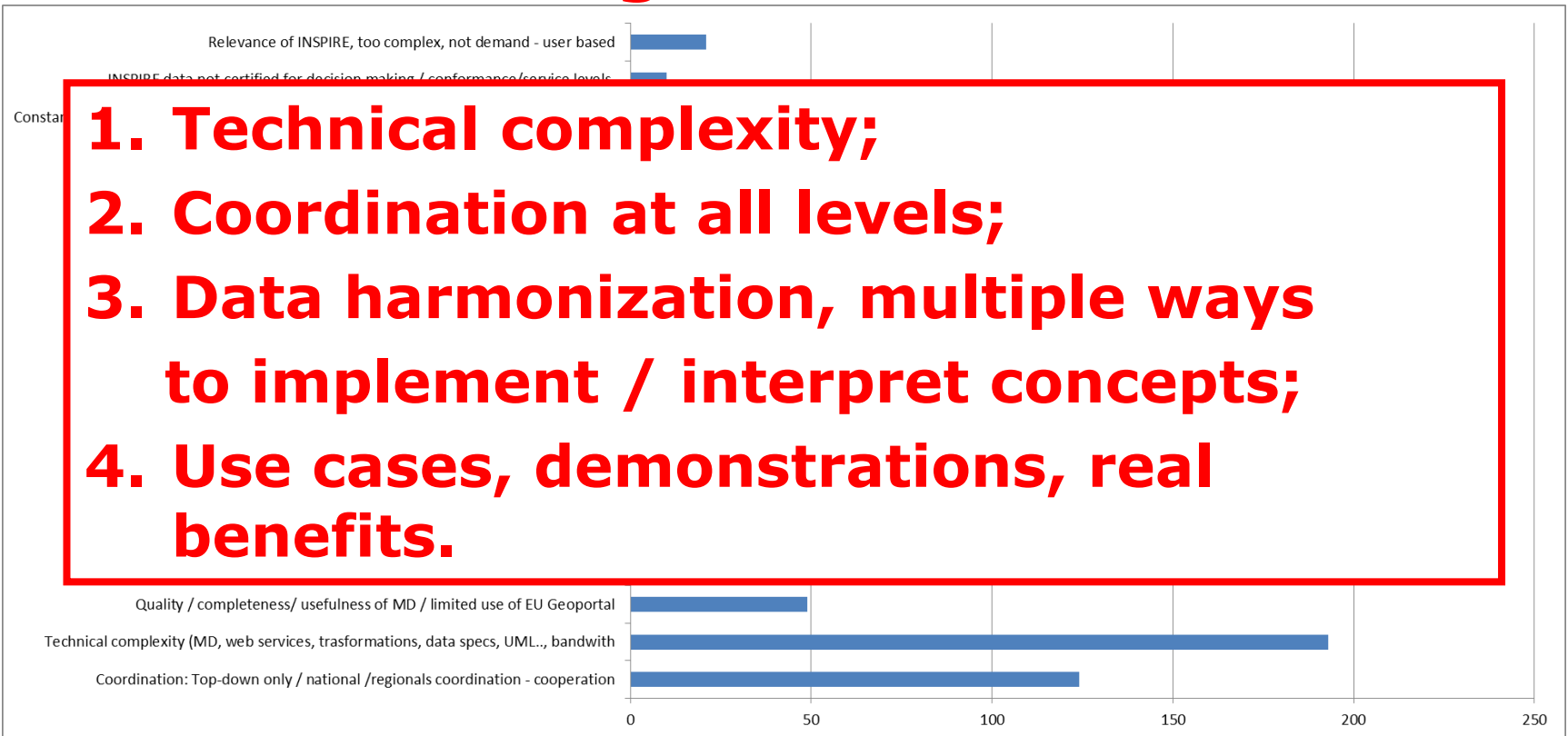
www.jrc.ec.europa.eu

*Serving society
Stimulating innovation
Supporting legislation*



INSPIRE mid-term evaluation public survey

Challenges encountered

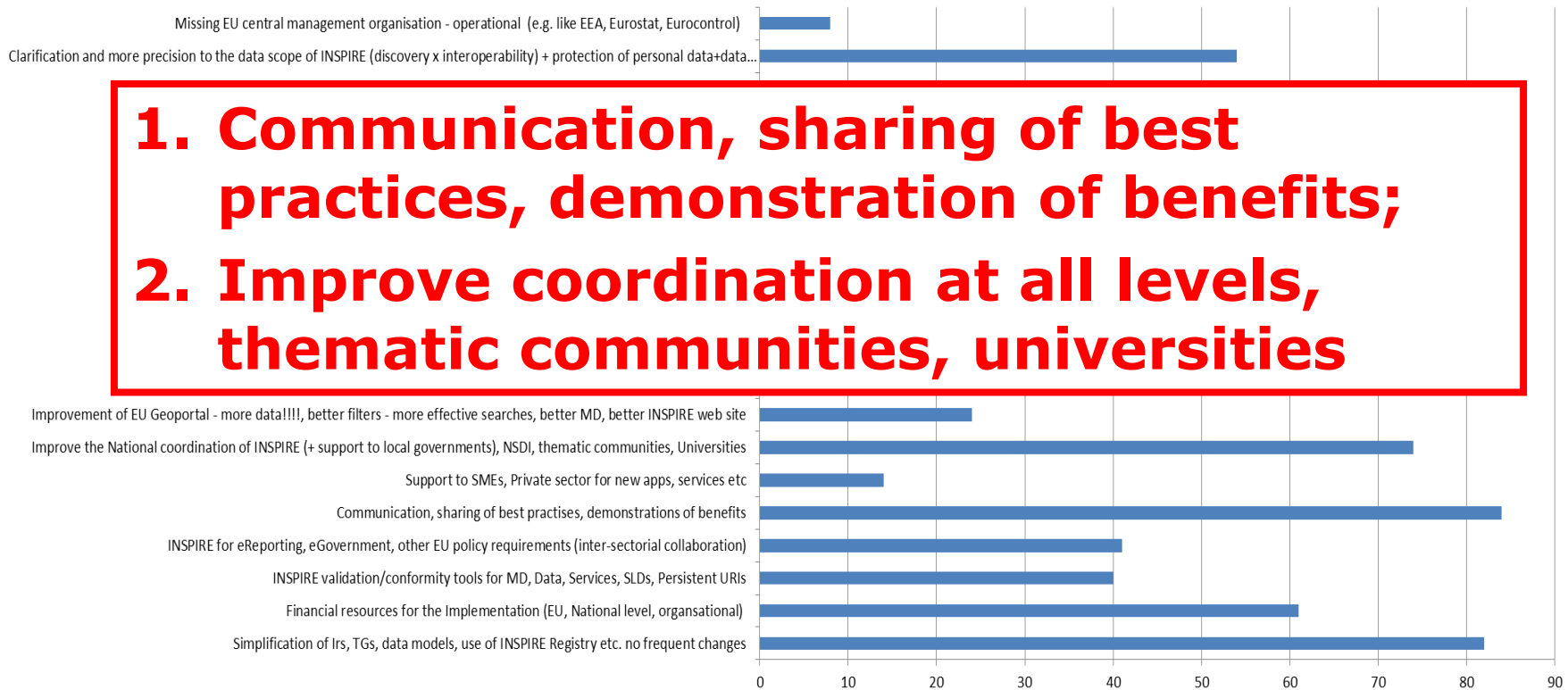


- 1. Technical complexity;**
- 2. Coordination at all levels;**
- 3. Data harmonization, multiple ways to implement / interpret concepts;**
- 4. Use cases, demonstrations, real benefits.**

INSPIRE mid-term evaluation public survey

Changes proposed

Statistics of the responses about changes proposed



- 1. Communication, sharing of best practices, demonstration of benefits;**
- 2. Improve coordination at all levels, thematic communities, universities**

Implementation of INSPIRE in thematic domains

- Many INSPIRE implementation issues are **theme-specific**:
 - Data scope
 - Extension of data models for specific purposes / applications
 - Spatial resolution; Level of detail / scale;
 - Terminology (code lists)
 - Software and solutions utilized
- No agreed way for implementers in MS to **share their experience**.
- No coherent **overview of the status** of the implementation for the different INSPIRE data themes.



Altitude



Occupation des terres



Ortho-imagerie



Géologie

Exchange of implementation experiences in thematic domains

Action proposed:

- **Build communities of INSPIRE implementers** in the EU as well as in MSs around **clusters of themes**.
- **Create an on-line platform** for sharing experiences and for discussing implementation issues and approaches.
- **Address already identified issues** on data specifications of Annex I, II and III **and propose** (if relevant) **concrete change proposals to the INSPIRE MIG**.

Exchange of implementation experiences in thematic domains

Objectives:

- **Support successful implementation** (e.g. developed applications) of INSPIRE by MSs or thematic communities in order to **demonstrate its benefits**.
- **To seek/agree on common “harmonised” implementation solutions.**

New on-line collaboration platform INSPIRE Thematic Clusters

Background:

- **INSPIRE Forum**

"Connecting people and sharing knowledge"

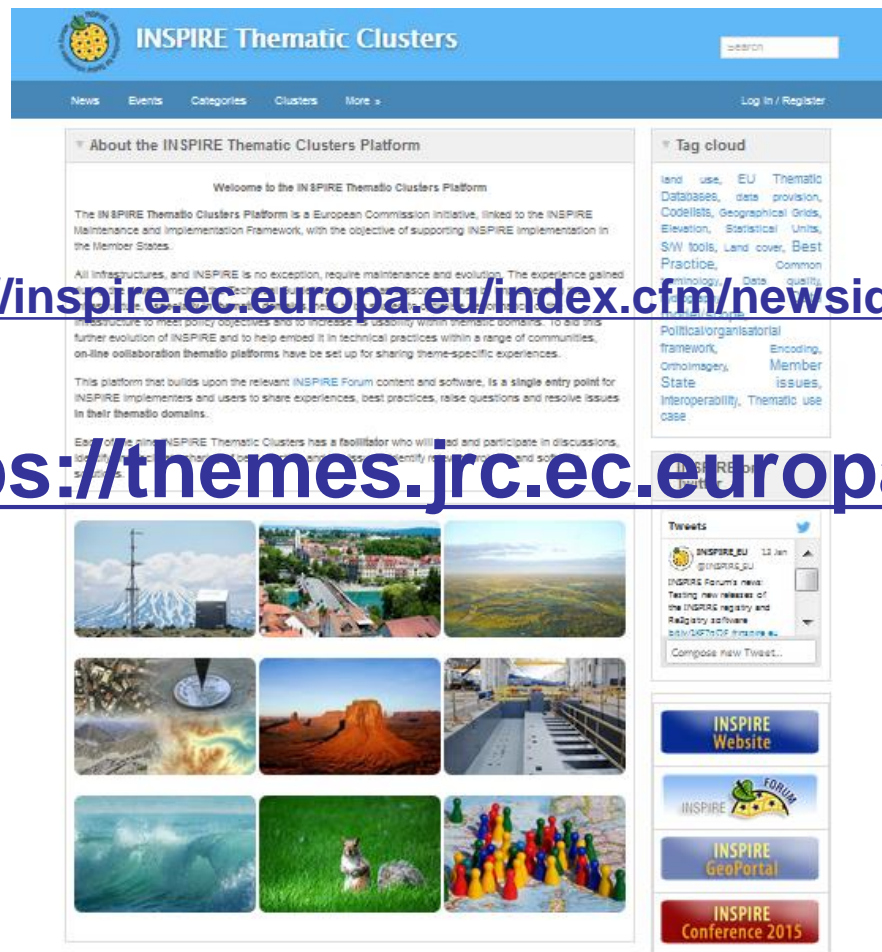
<http://inspire-forum.jrc.ec.europa.eu/>

New objectives and requirements:

- **Re-launch activity** / participation.
- **Concentrate efforts in helping** Member States and Stakeholders **in the implementation of INSPIRE.**
- **Establish a common point of contact to solve thematic issues**



New on-line collaboration platform INSPIRE Thematic Clusters



<http://inspire.ec.europa.eu/index.cfm/newsid/11721>

<https://themes.jrc.ec.europa.eu/>

INSPIRE – Thematic Clusters Facilitators

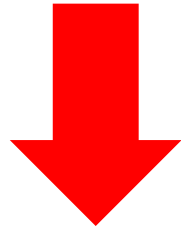
Tasks:

- Facilitate communication / **exchange of implementation** progress, common decisions, priorities, roadmaps
- Identify and **maintain a network of thematic experts** (knowledge base).
- Identify and **share results** of relevant EU/national projects, initiatives and operational implementations (SW tools, methodology, Use cases etc.)

Thematic Clusters Facilitators

1. Geology, Soil, Natural Risk Zones, Mineral resources, Energy resources: **Tim Duffy** (EuroGeoSurveys)
2. Land Use, Land Cover: **Lena Hallin-Pihlatie** (FI)
3. Elevation, Orthoimagery, Geographical Grids, Reference Systems: **Jorge Escriu** (ES)
4. Environmental Monitoring Facilities, Observations and Measurements: **Alessandro Sarretta** (IT)
5. Agricultural and Aquaculture Facilities, Production and Industrial Facilities, Utility and Governmental Services: **Angel Lopez Alós** (ES)
6. Geographical Names, Administrative Units, Cadastral Parcels, Addresses, Buildings, Transport Networks, Hydrography: **Anja Hopfstock** (DE)
7. Oceanographic Features, Sea Regions, Atmospheric Conditions and Meteorological Geographical Features: **Keiran Millard** (UK)
8. Protected Sites, Area Management/Restriction/Regulation Zones and Reporting Units, Habitats and Biotopes, Species Distribution, Bio-geographical Regions: **Brian Mac Sharry** (IR)
9. Statistical Units, Population Distribution, Human Health and Safety: **Mirosław Migacz** (PL)

Support to thematic communities in INSPIRE MIG Work Programme



Work Package 14

MIWP-14: Theme specific issues of data specifications & exchange of implementation experiences in thematic domains

Connections with:

MIWP-1: Improve accessibility and readability of TG

MIWP-2: Create and maintain FAQ page

MIWP-5: Validation and conformance testing

**MIWP-21: Thematic pilots for INSPIRE-based applications
(including for e-reporting)**

TC Facilitators Kick-off meeting (Ispra) 13-14.10.2014

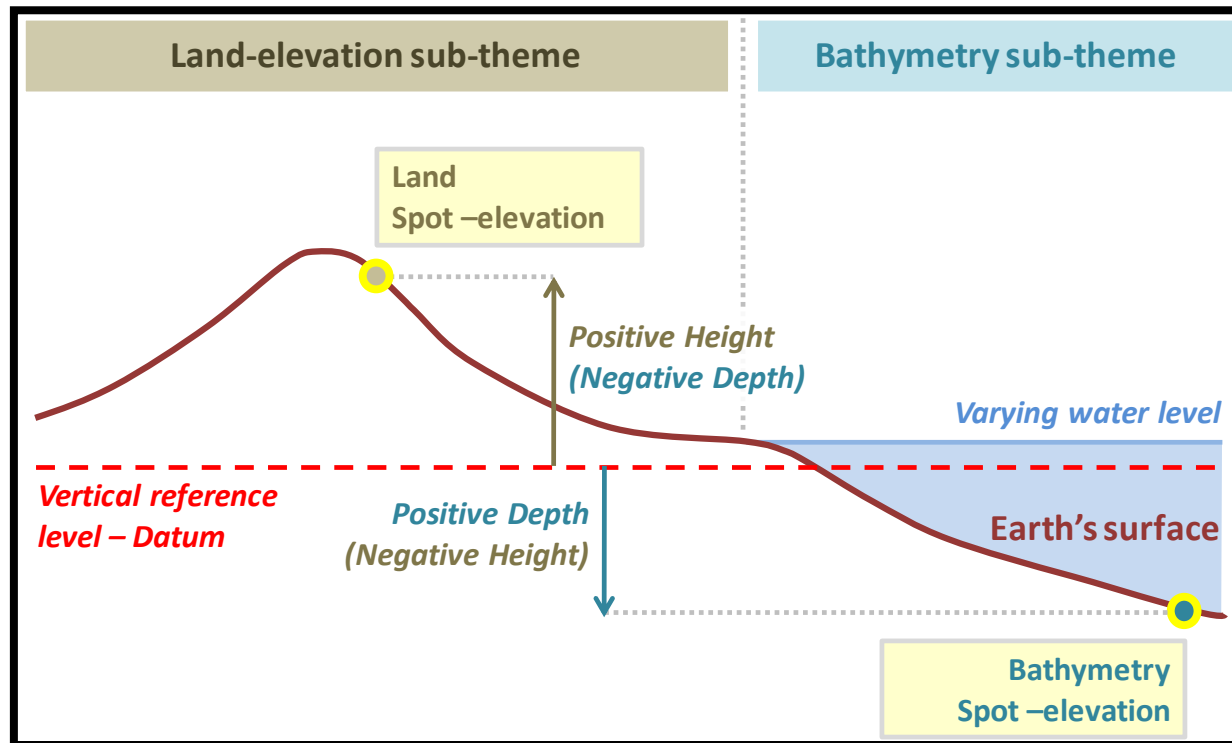
- Cross-cluster coordination.
- Establish a common structure for the collaboration platform.
- Establish criteria for communication.
- Work plan for the first 2 months
- Resources to be used:
 - Experts
 - Contents
- Avoiding duplication of existing activities.

Cluster 3 – EL, OI, RS, GG

Elevation, Orthoimagery, Reference systems, Geographical grids

Content

- **EL** - Data + Requirements + Recommendations

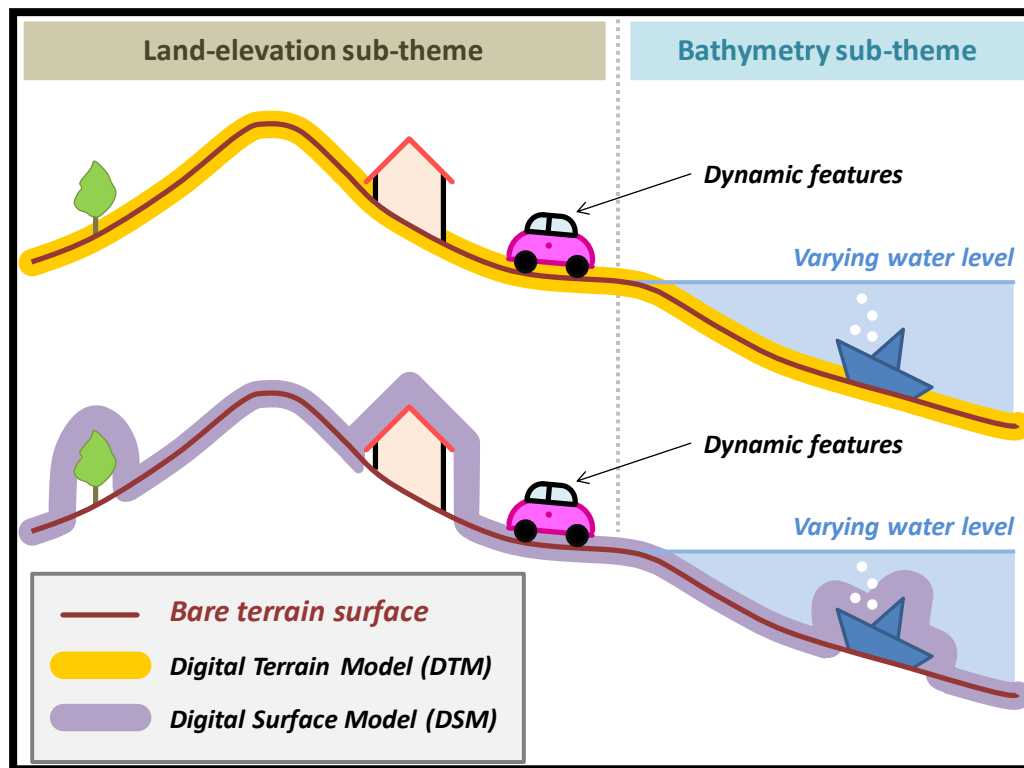


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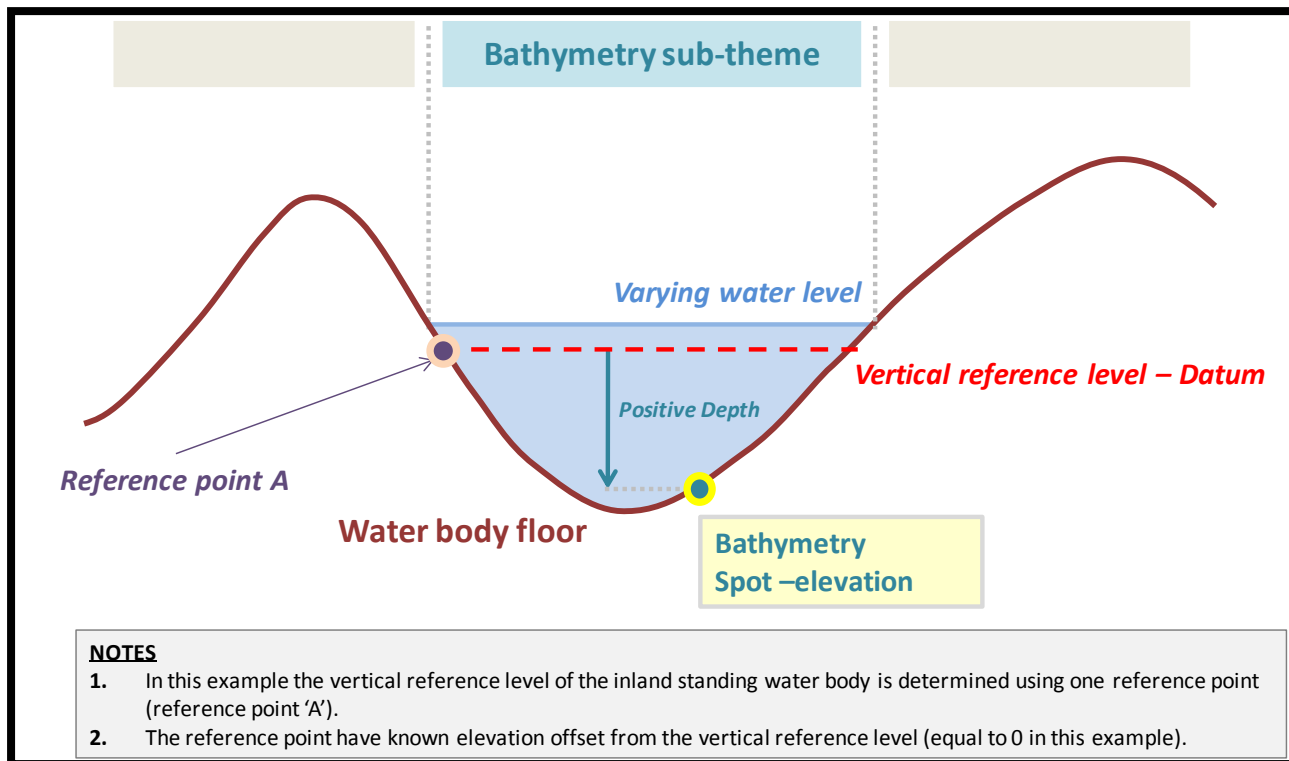


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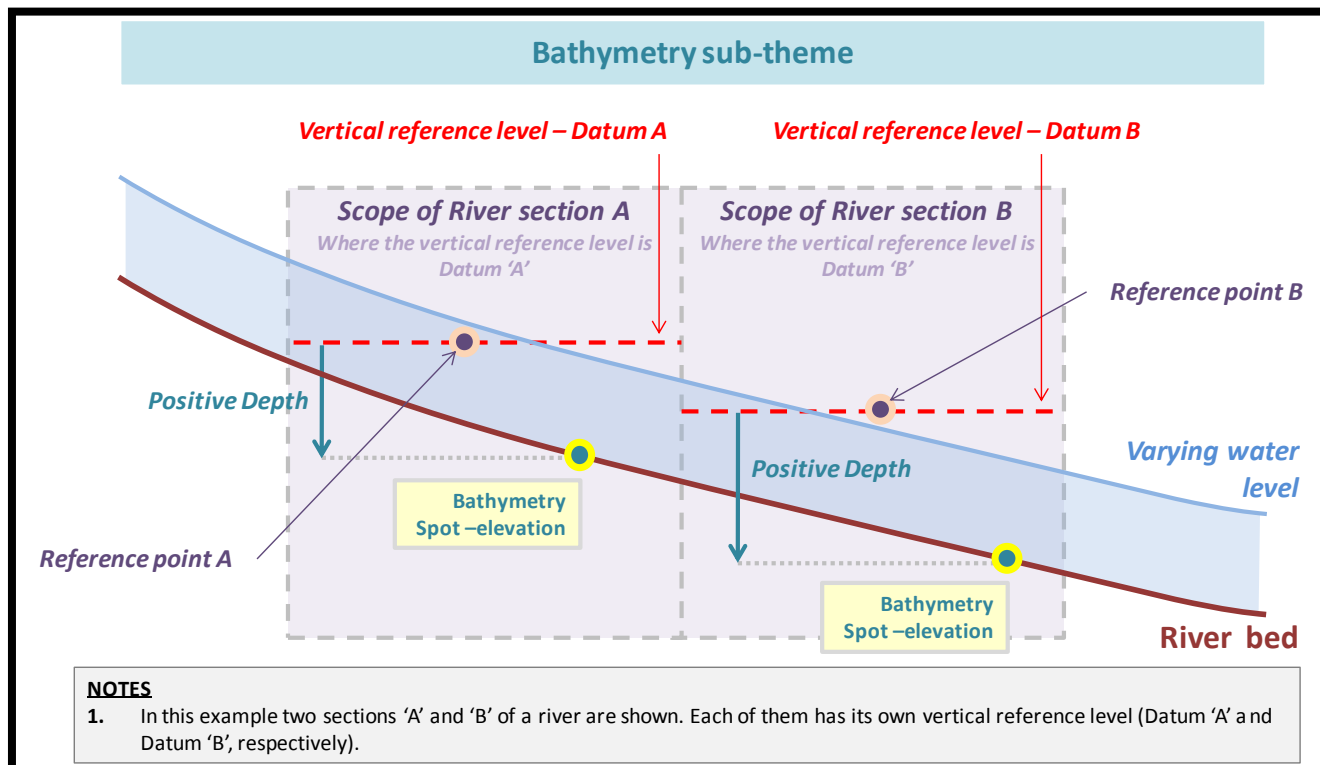


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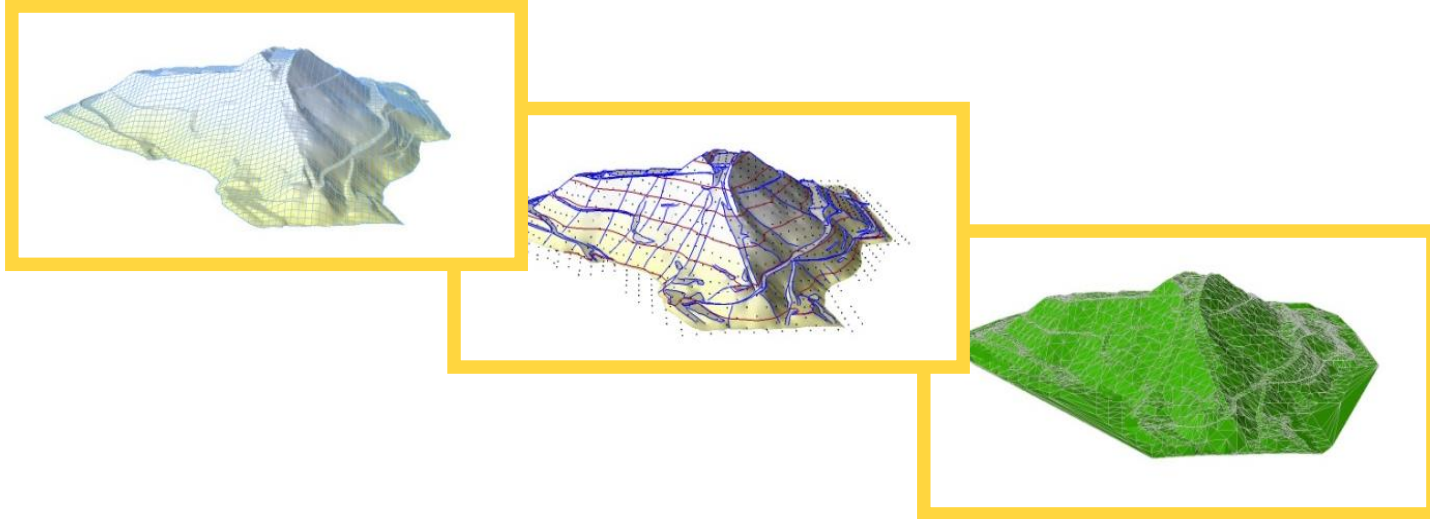


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- **EL** - Data + Requirements + Recommendations



Cluster 3 – EL, OI, RS, GG

Elevation, Orthoimagery, Reference systems, Geographical grids

Content

- **OI** - Data + Requirements + Recommendations

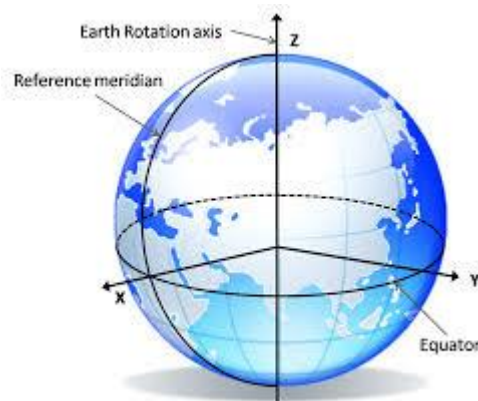


Cluster 3 – EL, OI, RS, GG

Elevation, Orthoimagery, Reference systems, Geographical grids

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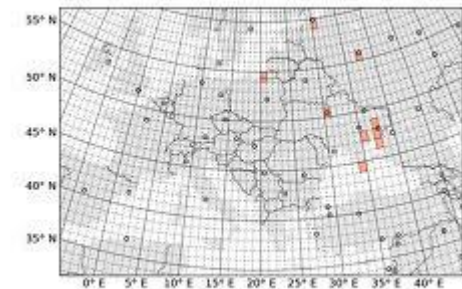
- **RS, GG** - Requirements + Recommendations



ETRS89 - EVRS



**MAP
PROJECTIONS**



**GEOGRAPHICAL
GRIDS**

Cluster 3 – EL, OI, RS, GG

Elevation, Orthoimagery, Reference systems, Geographical grids

Actors

■ EL, OI



- **Production** – Mapping agencies
- **Uses / Applications** – Wide range of users

European Environment Agency



■ RS, GG

- **Establishment / Management**
 - Mapping agencies / Global coordination bodies

CRSEU

Coordinate Reference Systems
in Europe



Message

Engaging our Mapping and Cadastral Agencies:

1. To keep up the “momentum” – participatory, open process from the development of the IRs, TGs also for the INSPIRE implementation phase
2. To share best practices about implementing / utilizing INSPIRE in the thematic domains.

Help INSPIRE to meet “our objectives”

Share this information with your colleagues that may be interested!

Thank you for your attention

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Facilitator Thematic Cluster 3

