

A Pilot program on the legal harmonization of the management of spatial information and data of the Tisza River Watershed

Proposal

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INSPIRE DIRECTIVE

Directive 2007/2/EC of the European Parliament and of the Council of 14 March 2007 establishing an Infrastructure for Spatial Information in the European Community (INSPIRE) was published in the official Journal on the 25th April 2007. The INSPIRE Directive will enter into force on the 15th May 2007

[Full text of the directive \(EN\)](#)

The directive is available in the official languages.
[Official Journal of the European Union](#)

SDICs and LMOs

Registered SDICs and LMOs can add new reference material and projects to the Implementing Rules Development databases.
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NEWS

- **16-May-07** INSPIRE Work Programme - Transposition Phase 2007-2009
 - **15-May-07** Data Specifications: Call for comments on the Definition of Annex Themes and Scope D2.3
 - **15-May-07** Today, the 15th May 2007 the INSPIRE directive entered into force
 - **15-May-07** INSPIRE Data Specifications: Questionnaire on Unique Identifiers
 - **15-May-07** Open letter from the Commission to the INSPIRE Community
 - **15-May-07** INSPIRE Data Specifications: Questionnaire on the use of the elements of spatial and temporal schema.
 - **15-May-07** Data Specifications: Call for comments on the Generic Conceptual model D2.5
 - **25-Apr-07** INSPIRE Directive published in the Official Journal
- [More News](#)

INSPIRE

April 2007.

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Inspire – Legislation, next steps

- Article 24 (1) Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with this Directive by 15 May 2009

Inspire – Tight deadlines

- 15 May 2008 metadata implementation rules
- 15 May 2009 themes Annex I
- 15 May 2010 metadata complete
- 15 May 2010 report on
 - contribution, coordination, use, QA, sharing, costs and benefits
- 15 May 2012 themes Annex II and III

Inspire – Contact Point

- Article 19(2.) Each Member State shall designate a contact point, usually a public authority, to be responsible for contacts with the Commission in relation to this Directive. This contact point will be supported by a coordination structure, taking account of the distribution of powers and responsibilities within the Member State.

FÖMI is the key player of Inspire related legislation in Hungary

**NSDI -
INSPIRE Annex I & II Core Data Sets**

SPATIAL DATA INFRASTRUCTURE
HUNGARIAN COORDINATION OFFICE

UNSDI
HUNAG

National Regional Global National Agendas Case of Hungary Conclusions

INSPIRE Annex I & II Core Datasets and FÖMI examples:

The INSPIRE legislation framework in the EU and the related tasks in Hungary

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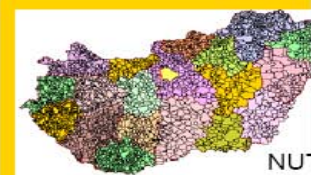
Annex I

- Coordinate reference systems
- Geographical grid systems
- Geographical names
- Administrative units
- Addresses
- Cadastral parcels
- Transport networks
- Hydrography
- Protected sites


Annex II

- Elevation
- Land cover
- Ortho-imagery
- Geology

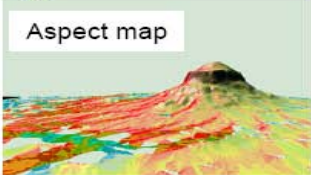
Additional info and Contact:
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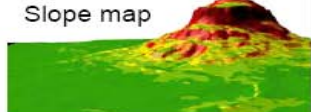
Map of Hungary showing administrative units.




TAKARNET map of Hungary showing transport networks.



Aspect map of a terrain.



Slope map of a terrain.



Photograph of a building.

5th ISDE Symposium hosted by the University of California at Berkeley, 5-9 June, 2007

Discussion of FÖMI and IHLET

- What can be the input of IHLET to the Hungarian Legislation?
- What should be the form of the cooperation?
- What can be the role of IHLET?

What can be the role of IHLET?

- Article 7 (1) .. Relevant user requirements, existing initiatives and international standards for the harmonisation of spatial data sets, as well as feasibility and cost-benefit considerations shall be taken into account in the development of the implementing rules. ..

What can be the role of IHLET?

- Article 7(5) ... other natural or legal persons with an interest in the spatial data concerned by virtue of their role in the infrastructure for spatial information, including users, producers, added value service providers or any coordinating body shall be given the opportunity to participate in preparatory discussions on the content of the implementing rules ...

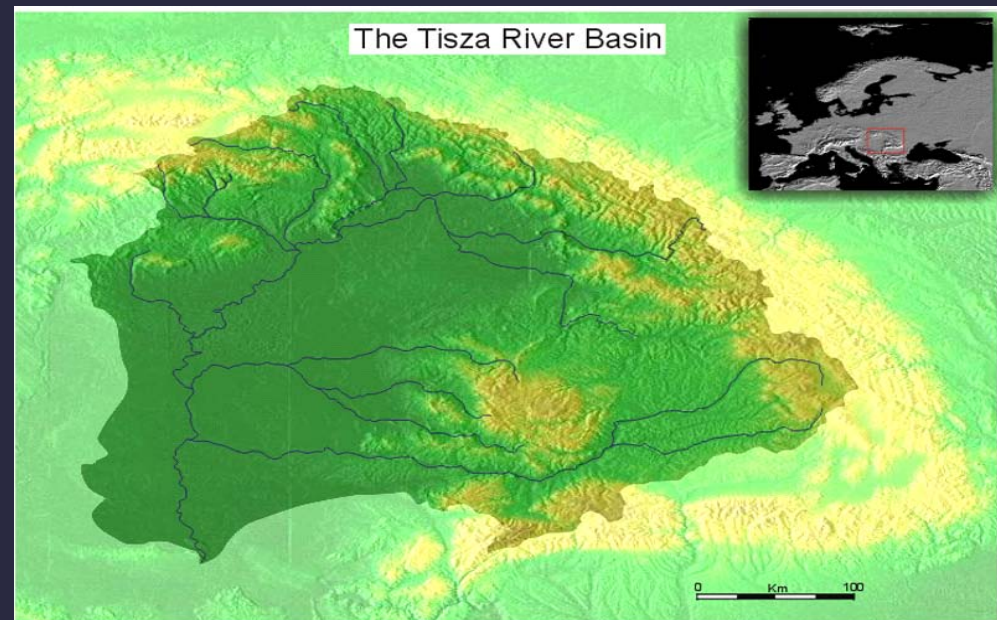
What can be the role of IHLET?

- (26) With a view to stimulating the development of added-value services by third parties, for the benefit of both public authorities and the public, it is necessary to facilitate access to spatial data that extend over administrative or national borders.

What can be the role of IHLET?

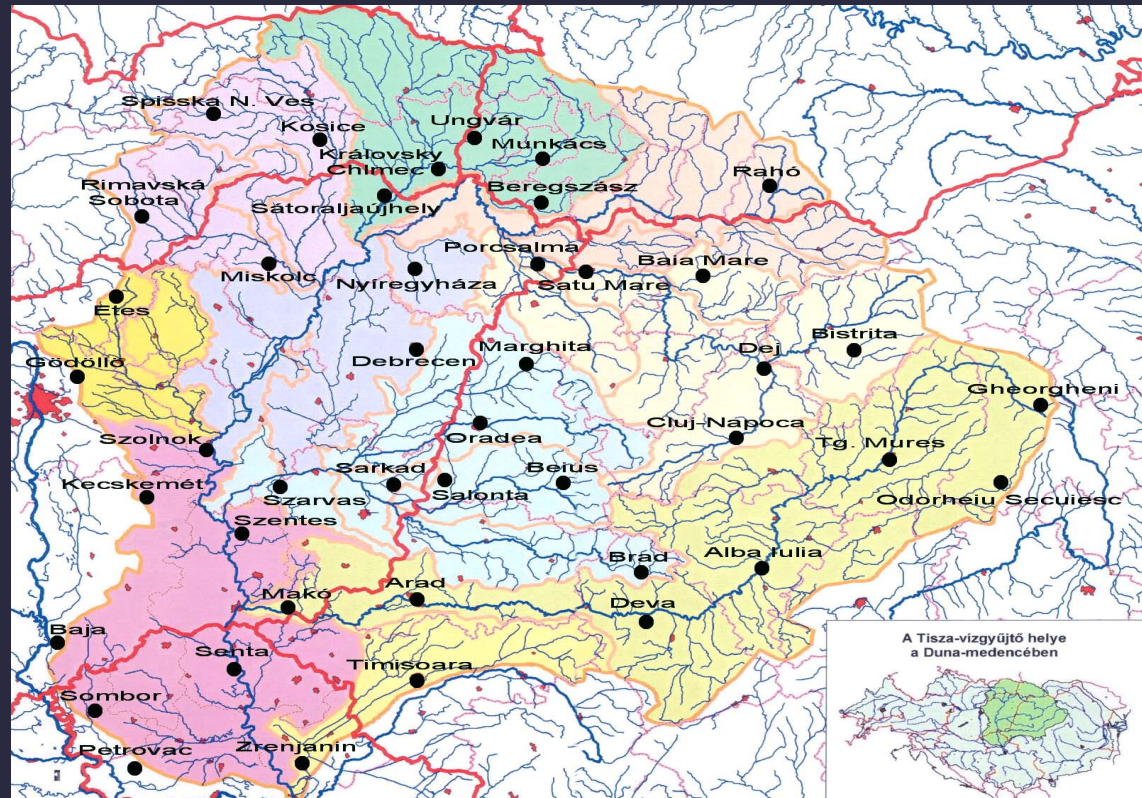
- General facts

- Area: 154039 Km²
- Population: ~15 million
 - Hungary: ~4 million
 - Romania: ~6 million
 - Serbia: ~2 million
 - Slovakia: ~2 million
 - Ukraine: ~1 million
- settlements: ~6800
 - Hungary: 1 200
 - Romania: 4 500
 - Serbia: 150
 - Slovakia: 500
 - Ukraine: 500



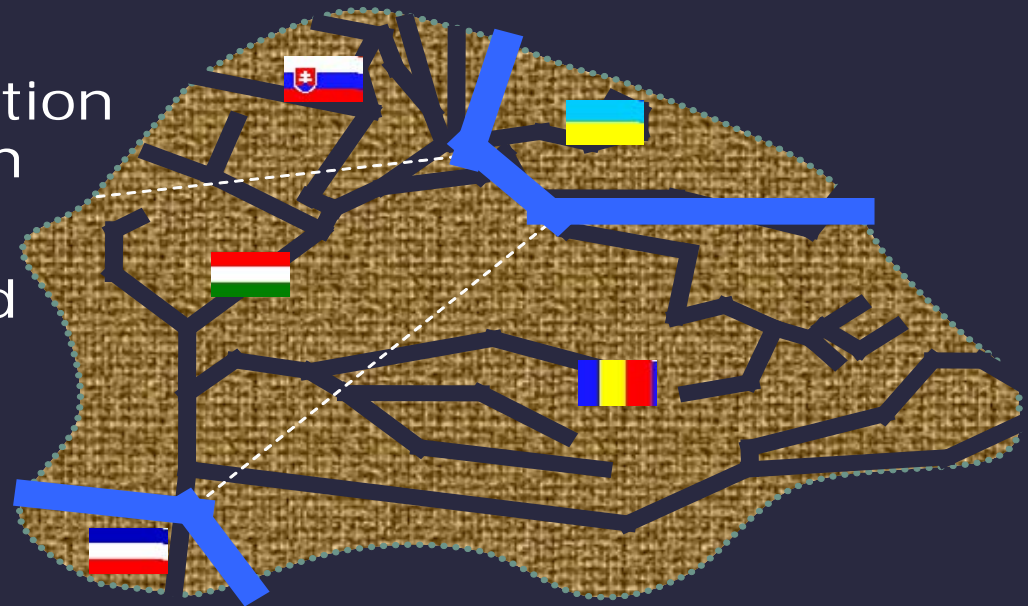
What can be the role of IHLET?

- 48 Local end points
- Working relation to 5 governments
- Network of experts
- Potential innovation channels



What can be the role of IHLET?

- Hungary, Romania, Slovakia
EU Member States
- Serbia
Stabilisation and Association
Process - Western Balkan
- Ukraine
European Neighbourhood
Policy partner country



Proposed Program - Objective

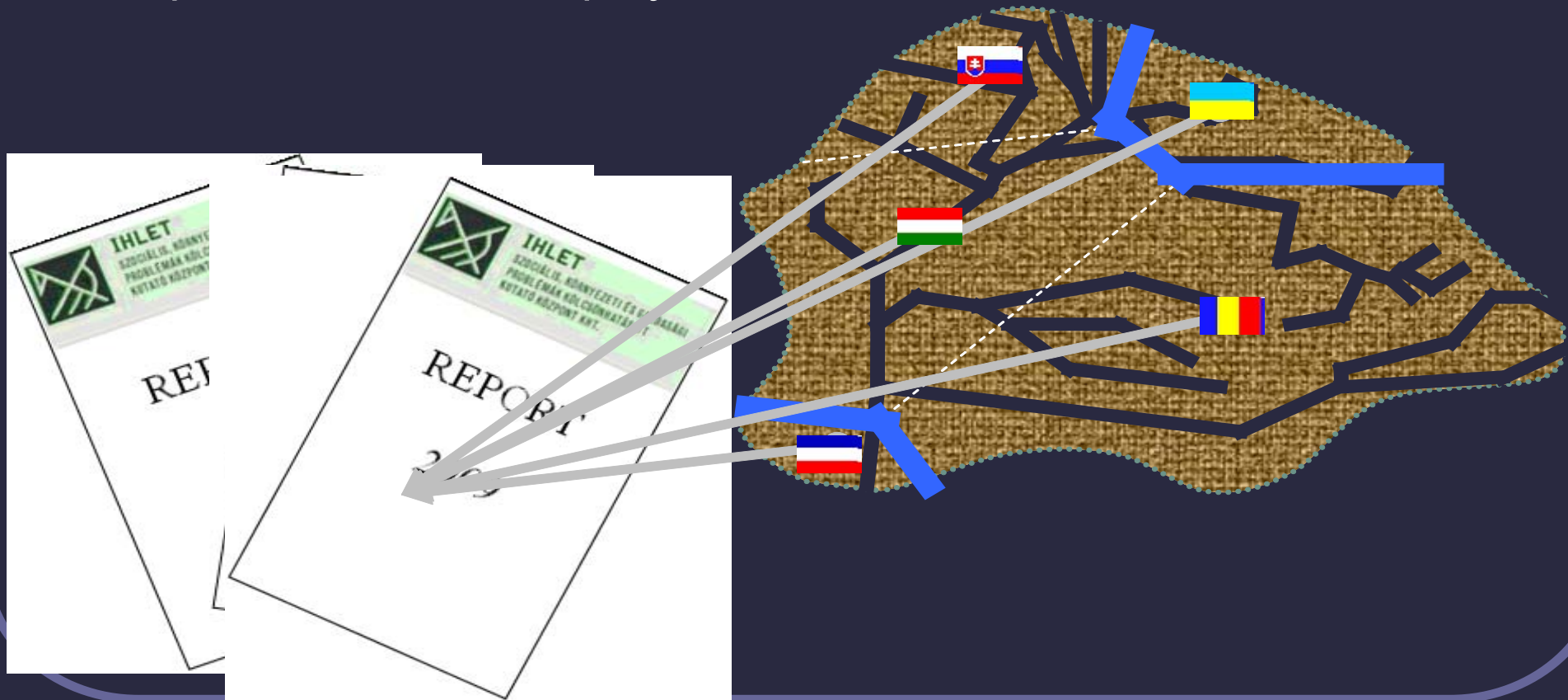
- Supporting the Inspire related legislation
 - In the member states
 - On EU level
 - In the neighbouring 3rd States

Proposed Program - Step 1

- Elaboration of a harmonised spatial data requirement for Tisza river Watershed
 - Themes: Annex I and some of II and III
 - Based on an analysis on the local needs
 - Focused on local cross border issues
 - Presenting that to the 5 interested countries
 - Presenting it to Inspire Committee

Proposed Program - Step 1

- Watershed level harmonised SDI requirements of local players

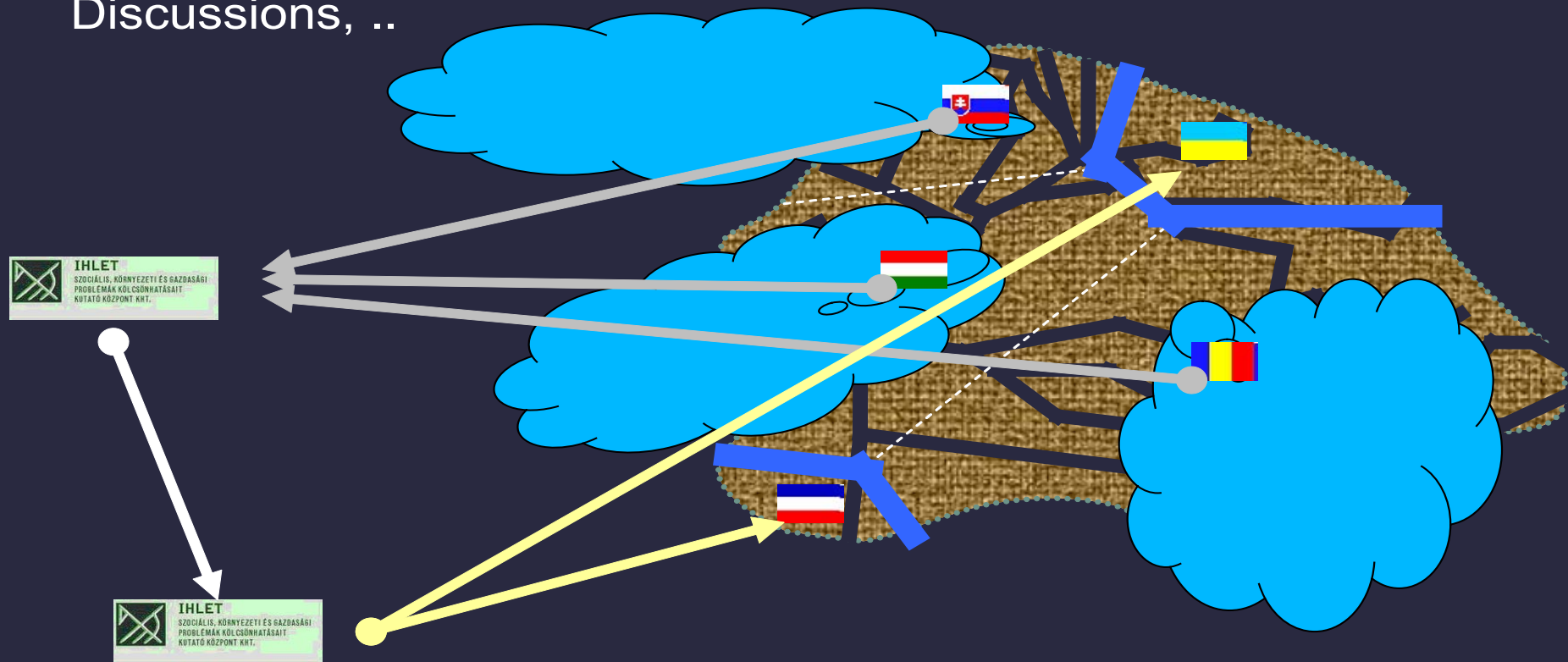


Proposed Program - Step 2

- Taking part in the State level legislation
 - Taking part discussions, providing ideas
 - Checking National implementation plans
 - IHLET reviews their members work analyses their experience
 - IHLET shares information with the non-EU States

Proposed Program - Step 2

- National level legislation Discussions, ..

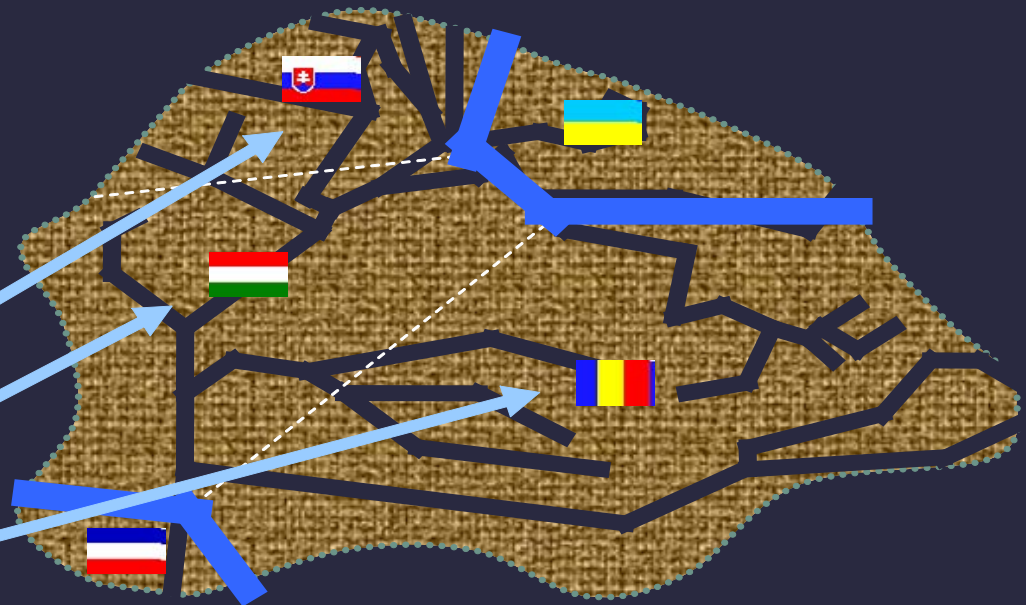
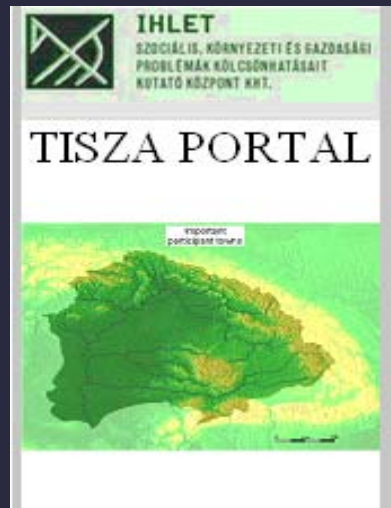


Proposed Program - Step 3

- **Piloting SDI services**
 - Establishment of an SDI portal for EU member states
 - Monitoring work
 - Analysing use and wording lessons
 - Reporting it to the 5 states and the Inspire Committee

Proposed Program - Step 3

- Piloting an SDI portal



Proposed Program - Step 4

- Disseminating Results to 3rd States
 - Supporting INSPIRE related harmonisation of Serbia and Ukraine
 - Extending some services to their territories

Conclusion

- IHLET network in the Tisza River Watershed can support the INSPIRE legislation by
 - Refining local requirements
 - Harmonising both National and Cross-border levels
 - Piloting ideas
 - Proposing corrective measure
 - Disseminating ideas to 3rd States