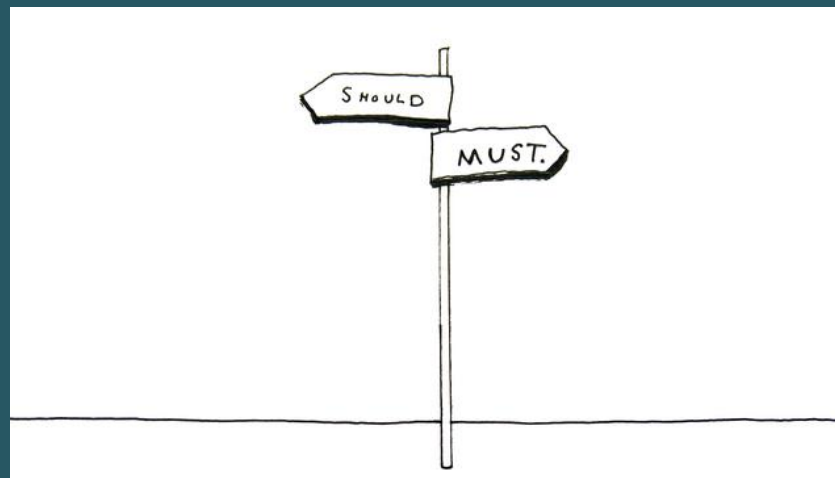


Slovakian INSPIRE at the crossroads



Martin Tuchyňa

Inspirujme se...Conference, 14.02.2017, Prague, Czech republic

Content

- INSPIRE in Slovakia
- Legal framework
- Data sharing
- Interoperability
- Coordination
- Obligation vs. Opportunity

SAZP

- Established in 1993
 - Instituted by Ministry of the Environment
- Policy support
 - Design and implementation
- INSPIRE development and implementation
 - INSPIRE Maintenance and implementation
 - Member state contact point
 - Technical support for National Geoportal, Spatial Data Registry
- eGov & Open Data support



Subject: Implementation of the INSPIRE Directive
Dear Deputy Permanent Representative,

I would like to draw your attention to the obligations set out in Directive 2007/2/EC establishing an Infrastructure for Spatial Information in the European Community (INSPIRE) (hereafter "the INSPIRE Directive").

There are a number of very important deadlines that have elapsed and that should be respected by the Member States, as the related actions contribute to achieving the objectives of the Directive and to facilitate the work of national authorities.

In view of the above, my services have identified a number of challenges concerning application of the Directive, as explained in detail in the annex to this letter.

INSPIRE in Slovakia

- Challenges observed by European Commission (2015)
 - Considerable number of spatial datasets is not yet available online and documented by metadata
 - Datasets for monitoring and reporting EU env. acqui
 - Technical conformity of available metadata
 - Accessibility of spatial data sets through view and download services still has a lot of room for improvement
 - Problems in adopting data sharing policies
- SK INSPIRE Report 2016
 - Ongoing implementation with identified gaps
 - Need to improve the effort
- Inconsistencies between M&R and INSPIRE Dashboard



INSPIRE in Slovakia

- SK INSPIRE [Action Plan 2016 – 2021](#)

- Set of 25 actions aiming to remediate identified gaps and achieve the objectives of the INSPIRE
- Some actions – already with delays

- Main issues

- Low level of priority
- Internal and external coordination
- Limited professional, technical and financial capacities
- Validation and conformity, Data quality
- Consistency with eGovernment, Open Data and other requirements / expectations
- Value for the money

INSPIRE
Infrastructure for Spatial Information in Europe

Hlavná stránka Články O INSPIRE Termíny Transpozícia Implementácia Koordinácia Projekty Hľadaj RSS Kontakty

Koordinácia

Úroveň SK
KR NPI
ES NPI
Akčný plán
Úroveň EÚ

INSPIRE implementačné pravidlá

Aktuálny stav v prijímaní INSPIRE implementačných pravidiel

Povinné osoby

Zoznam povinných osôb (Zákon 3/2010 Z.z.)

Hlavná stránka / Koordinácia / Úroveň SK / Akčný plán

Akčný plán

Na základe listu env.d 4(2015)0999186 a záverov bilaterálneho stretnutia medzi zástupcami Slovenskej republiky a Európskej komisie zo dňa 11.03.2016 v Bruseli Slovenská republika schválila Akčný plán implementácie INSPIRE pre obdobie rokov 2016-2021. Predmetný akčný plán bol pripravený Kontaktným bodom za INSPIRE pre SR a schválený konzultáciou s Koordinátnou radou Národnej infraštruktúry priestorových informácií. Dokument bol tiež sprístupnený k verejnej konzultácii. Prvá verzia je k dispozícii v prílohe 10.4 INSPIRE Správy človeka štátu - Slovenská republika, 2016.

Slovenská Republika - INSPIRE Akčný Plán 2016 - 2021

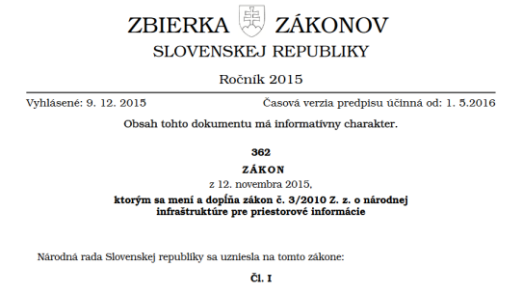
P.Č.	Názov Aktivity (Výstup aktivity)	Mihnik	Zodpovedný/spolu zodpovedný	Poznámka
Koordinácia				
01	Priprava INSPIRE implementačnej stratégie (INSPIRE implementačná stratégia)	09/2016	MŽP SR / KR NPI	Dokument poskytujúci podrobné spresnenie podmienok implementácie legislatívnych požiadaviek Smernice INSPIRE (2007/2/ES) pre obdobie rokov

INSPIRE in Slovakia

- Main points of attention from INSPIRE perspective
 - Coordination and guidance for stakeholders
 - Identification of responsible organizations on spatial object types level
 - Documenting identified datasets and services via metadata
 - Provision of services (discovery, view and download)
 - Improve data sharing
 - Ensure interoperability requirements
 - Provision of technical support in linking of data and services
- Need for close consistency with eGov & Open Data
 - Principle “Only Once” - National eGov strategy Integration
 - OGP – Alignment with Action plan 2016-2019

Legal framework

- 2016 – Amendment of the NSDI Law (362/2015 Coll.)
 - Reducing of identified gaps
 - Consistency with the Spatial Data Registry
- 2017 – Amendment of NDSI Decree (12/2017 Coll.)
 - Provisions for metadata (interoperability & monitoring)
 - Provisions for National discovery service
 - Provisions for Spatial Data Registry
 - Provisions for Data Sharing



Data sharing

- Provision of [templates for harmonised data sharing](#)
 - Templates for data and service sharing under the Open Data regime

Typ dohody / licencie	Odkaz na vzor / dohodu / licenciu	Poznámka
INSPIRE Základná dohoda/licencia	Vzor základnej dohody o spoločnom využívaní súborov priestorových údajov	Príklad 1
	Vzor základnej dohody o spoločnom využívaní služieb priestorových údajov	Príklad 2
CC0 Voľné dielo		
CC BY Creative Commons Attribution („uviedenie autora“) 4.0	http://www.slideshare.net/saeron/by-preklad-sk	

Data sharing

- Provision of templates for harmonised data sharing
 - Template for other data and services

Typ dohody / licencie	Odkaz na dohodu/licenciu	Poznámka
INSPIRE Špecifická dohoda/licencia	Vzor špecifickej dohody o spoločnom využívaní súborov priestorových údajov	Príklad 3
	Vzor špecifickej dohody o spoločnom využívaní služieb priestorových údajov	Príklad 4
CC BY-ND Creative Commons Attribution-No-derivates („uviedenie autora – bez odvodeného obsahu“) 4.0	http://www.slideshare.net/saeron/by-nd-prekladsk	
CC BY-NC Creative Commons Attribution-NonCommercial („uviedenie autora – nekomerčné použitie“) 4.0	http://www.slideshare.net/saeron/by-nc-prekladsk	
CC BY-SA Creative Commons Attribution-ShareAlike („uviedenie autora – rovnaké šírenie“) 4.0	http://www.slideshare.net/saeron/by-sa-prekladsk	
CC BY-NC-ND Creative Commons Attribution-NonCommercial-No-derivates („uviedenie autora – nekomerčné použitie – bez odvodeného obsahu“) 4.0	http://www.slideshare.net/saeron/by-ncnd-prekladsk	
CC BY-NC-SA Creative Commons Attribution-NonCommercial-ShareAlike („uviedenie autora – nekomerčné použitie – rovnaké šírenie“) 4.0	http://www.slideshare.net/saeron/by-ncsa-prekladsk	

P.č.	Téma	Aplicačná schéma	Donoča	Dátum
13	Geografické názvoslovie	Geographical Names Mapping Table_LUGKK.xls	peter.deak@sigeoedez.sk	29.09.2015
14	Spoločné jednotky	AdministrativeUnits Mapping Table_LUGKK.xls	peter.deak@sigeoedez.sk	12.10.2015
15	Adresy	Názvy metadátového profilu pre Register Adries Register adres v kontexte INSPIRE	Kamil.Fako@minv.sk	13.01.2016
17	Dopravné siete	Common Transport Elements Mapping Table_SSC.xml	alica.szebenjova@ssc.sk	18.09.2015
		Road Transport Network Mapping Table_SSC.xml	alica.szebenjova@ssc.sk	18.09.2015
		Air Transport Network Mapping Table_LUGKK.xls	peter.deak@sigeoedez.sk	12.10.2015
		CableTransportNetworkMappingTable_LUGKK.xls.xml	peter.deak@sigeoedez.sk	12.10.2015
		Railway Transport Network Mapping Table_LUGKK.xls.xml	peter.deak@sigeoedez.sk	12.10.2015
		Railway Transport Network Mapping Table_ZSR.xml	Debo.Vladim@zar.sk	14.12.2015

Interoperability

- Identification of datasets and responsible parties
 - Current mapping only on Themes level ([Register of responsible bodies](#))
 - Focus on spatial object types level – Mapping tables
 - Priority on Annex I + INSPIRE Environmental Priority Datasets
- Observations
 - Time and resources demanding process
 - A lot of uncertainties about the scope and way of implementation
 - Technical complexity, lack of data modeling expertise

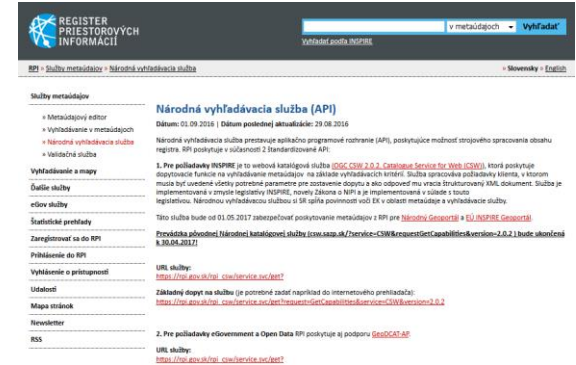
Type	Initial draft for discussion at MSG-T
Creator	DG ENV
Date/status/version	23/03/2016 / DRAFT / version 1.0
Addressee	MSG-T (and ultimately MSG-P) as well as Experts Groups on reporting
Identifier	MI
Description	Based on the discussion in the permanent policy sub-group of the MSG (MSG-P) in December 2015 in relation to priority setting in the INSPIRE implementation, it was agreed that one of the priorities will be to support e-reporting under EU environment legislation. As a first step, the Commission agreed to come forward with an initial draft list of spatial data sets which are explicitly required to be reported under the some EU pieces of environment legislation currently being screened in the context of the Fitness Check for Environmental Monitoring and Reporting. The enclosed should be developed further over the coming weeks so that a final minimum list can ultimately be discussed and agreed at the next meeting of MSG-P in June 2016.
Requested actions:	The members of the MSG-T are invited to: <ul style="list-style-type: none">• Take note of the list and ask questions for clarifications.• Comment, as appropriate.• Discuss the list with their national experts responsible for reporting of these datasets with the view to making these datasets available in their national geographies as soon as possible.

Interoperability

- Plans
 - Identify the INSPIRE Environmental Priority Datasets
 - Complete the Annex I theme, where possible and prepare the conditions for Annex II and III themes
 - Identify gaps for missing INSPIRE themes
 - Support stakeholders with alignment towards INSPIRE models
 - Consistency with eGov “Reference and Better Data” strategy

Metadata

- Plans
 - Improve metadata availability, quality and usability via Spatial Data Registry (RPI)
 - Provide the support to stakeholders
 - Alignment with the INSPIRE Service Driven Monitoring
 - Update the National Discovery Service (To provide SK resources for INSPIRE Geoportal and Dashboard)
 - Integrate INSPIRE metadata (RPI) with National Metadata System (Metals) and Open Data Portal (Only once principle – to create the metadata once and distribute them, where needed)





Obligations vs. opportunities

- Legal obligations
 - Can create strong incentives, but also issues
 - Importance for proper and clear interpretation
 - Preferring the encouragement approach
 - Need to focus on options for legal enforcement
- Opportunities for GeoICT and society
 - INSPIRE as positive challenge
 - Improvement of internal corporate environment
 - Justification of the benefits via integration with eGov and Open Data

Importance to respect legal obligation, bearing in mind usefulness whilst ensuring professional responsibility.

There is never a good time for tough decisions. There will always be an election or something else. You have to pick courage and do it. Governance is about taking tough, even unpopular, decisions.

[Jairam Ramesh](#)

Thank you & questions

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