Meeting between Commission and Member States experts on the implementation of the INSPIRE Directive
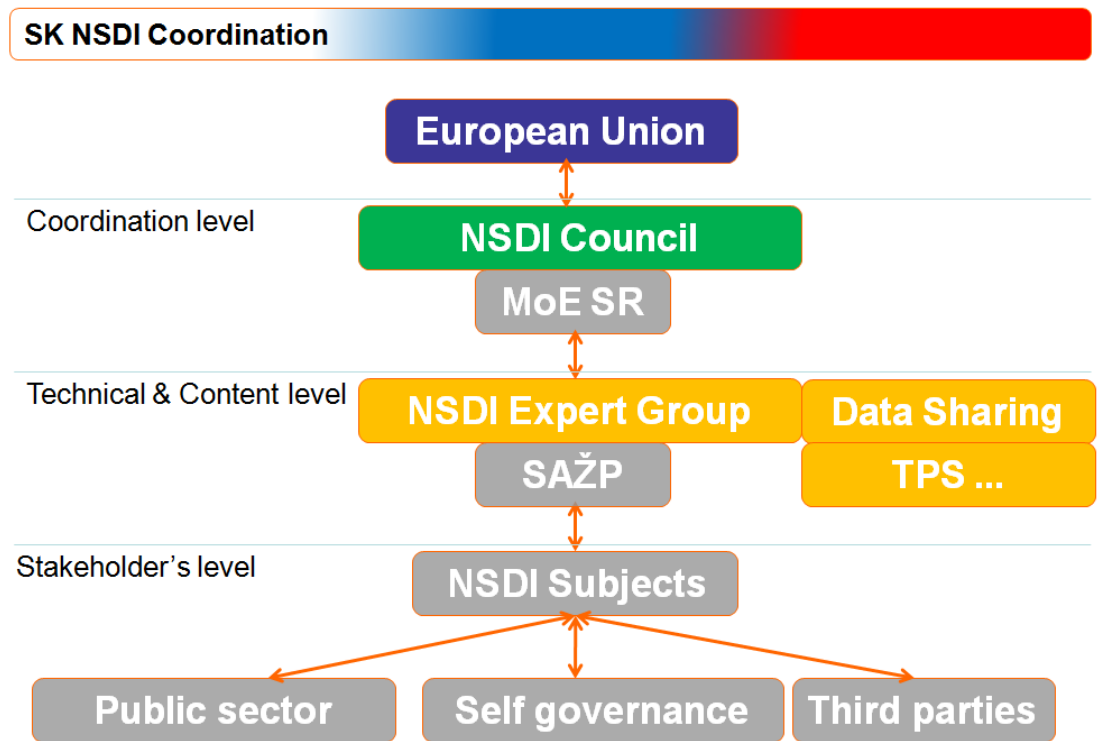

EUROPEAN COMMISSION - SLOVAKIA

11.03.2016, DG ENV - Avenue du Beaulieu 5, 1160 Auderghem, Brussels, Belgium

inspire_eu@sazp.sk

Setting the scene

National coordination

- Roles

Ministry of the Environment

of Slovak Republic (MoE)

Slovak Environment Agency (SAZP)

- coordination of NSDI

- technical infrastructure – building and maintenance

- national Geoportal

Geodesy, Cartography and Cadastre Authority of Slovak Republic (GCCA)

Research Institute of Geodesy and Cartography

- maintainance and international harmonisation of data as regards surveying and mapping

- integrating up-to-date reference data on location for INSPIRE and into Slovak e-Government

Ministry of of Finance of the Slovak Republic (MoF)

- implementation of eGovernment

- eGovernment standardisation

Ministry of Interior of the Slovak Republic (MoI)

- implementation of Open Government Partnership in SR

- Open Data

National coordination

- Main stakeholders – remaining NSDI council members

Authority	
Ministry of Agriculture and Rural Development of the Slovak Republic	MoA
Ministry of Culture of the Slovak Republic	MoC
Ministry of Defence of Slovak republic	MoD
Ministry of Economy of the Slovak Republic	MoEC
Ministry of Education, Science, Research and Sport of the Slovak Republic	MoED
Ministry of Health of Slovak Republic	MoA
Statistical Office of the Slovak Republic	SO
Ministry of Transport, Construction and Regional Develop-ment of the Slovak Republic	MoT
Association of Towns and Communities of Slovakia	AoT

- Asignment of responsible bodies to INSPIRE Annex themes

INSPIRE Zoznam povinných osôb

Zoznam povinných osôb vedie v zmysle § 12 ods.4 zákona č. 3/2010 Z. z. (Zákon o národnej infraštruktúre pre priestorové informácie) Ministerstvo životného prostredia Slovenskej republiky. Jeho hlavným cieľom je transparentná organizačná podpora implementácie INSPIRE v SR. Tá spočíva v aktuálnom prehľade dotknutých subjektov, identifikácií gestorstva jednotlivých INSPIRE tém, vrátane zabezpečenia efektívneho zvyšovania miery povedomia a znalostí v problematike INSPIRE.

V prípade, ak sú vaše údaje v zozname neaktuálne, prosím kontaktujte nás.

Filter [Všetky usporiadané podľa poradia ▾]

Príloha: 1   *Téma:* 1   *Názov:* **Súradnicové referenčné systémy**   Údajová špecifikácia

Povinná osoba (rezort): ÚGKK SR
Povinná osoba (organizácia): ÚGKK SR
Právny predpis: Zákon 215/1995 Z.z. o geodézii a kartografii

Príloha: 1   *Téma:* 2   *Názov:* **Sústavy súradnicových sietí**   Údajová špecifikácia

Povinná osoba (rezort):
Povinná osoba (organizácia):
Právny predpis:

Príloha: 1   *Téma:* 3   *Názov:* **Geografické názvoslovie**   Údajová špecifikácia

Povinná osoba (rezort): ÚGKK SR
Povinná osoba (organizácia): ÚGKK SR
Právny predpis: Zákon 215/1995 Z.z. o geodézii a kartografii

Príloha: 1   *Téma:* 4   *Názov:* **Správne jednotky**   Údajová špecifikácia

Povinná osoba (rezort): ÚGKK SR, MV SR
Povinná osoba (organizácia): ÚGKK SR, MV SR
Právny predpis: Zákon 221/1996 Z.z. o územnom a správnom usporiadaní SR; Zákon 540/2001 Z.z. o štátnej štatistike

National coordination

- NSDI Council position for Bilateral meeting with EC

Challenges for implementation

- Coordination
    - NSDI Council – workload distribution, stronger possition/role
    - NSDI Expert Group + thematic subgroups: Deserves higher attention
    - Lack of trainings, Setting up the help desk
    - Extension of NSDI Council with the representation of Government Office of the Slovak Republic, Ministry of Justice of the Slovak Republic and professional bodies
    - Improved collection of requirements and benefits evidence (Surveys, hackathons)

- Expertise
    - Responsible bodies comes with limited human and financial resources for the relevant expertise (mainly in data modelling/transformations as well as with services and infrastructure profiles and sufficient legal background)

National coordination

- NSDI Council Action plan 2016

National spatial data infrastructure Coordination council (KR NIPI). Action plan 2016

No.	Action title (Action outcome)	Date for submission for KR NIPI	Responsible/ co-responsible	Note
	Coordination			
01	Preparation of the INSPIRE implementation strategy for SK (INSPIRE implementation strategy in SK)	First draft 02/2016 Final version 09/2016	MoE SR / KR NIPI members	Document providing detailed clarification of the conditions for implementation of INSPIRE 2007/2/ES legal requirements for the period 2016 - 2020
02	Coordination of the Expert group and Technical groups activities (Organizing and documentation of the Expert group and Technical groups activities)	11/2016	MoE SR / KR NIPI members	Regular information will be continuously provided to the KR NIPI members and published via SK INSPIRE website[1]
03	Coordination with the eGovernment a Open Data activities (Tasks and outcomes inline with the requirements of the eGovernment and data preparing for the Open Data Portal + additional related outcomes)	11/2016	MoE SR MoE SR / KR NIPI members	Coordination with Open Data activities in connection to the Resolution of the Slovak Government no.59/2015[2]
04	NSDI awareness rising (Organization of the conferences ForumForum, INSPIRUJME SE, publication of the information via SK INSPIRE website)	11/2016	MoE SR / KR NIPI members	Events, published and communicated information
	Spatial data and services interoperability			
05	Evaluation of the INSPIRE mapping tables inventory (List of identified mapping tables with the relevant update of the Register of Responsible Bodies[3])	03/2016	MoE SR	Results of the analysis implemented into the Register of Responsible Bodies
06	Spatial data and services interoperability Guidelines (Updated presentations and where needed , training video guidelines)	02/2016	MoE SR	
07	Identification of the spatial datasets	03/2016	MoE SR / Coordination	Prioritisation based on

[1] http://inspire.enviroportal.sk/
[2] http://www.minv.sk/?rm_od
[3] http://inspire.enviroportal.sk/povinne_osoby/

No.	Action title (Action outcome)	Date for submission for KR NIPI	Responsible/ co-responsible	Note
	and priority setting (Identified priority spatial datasets)		KR NIPI members	list of EC priority reporting legal acts Prioritizácia and INSPIRE legal requirements (Newly collected and extensively restructured Annex I spatial data sets)
08	Provision of priority spatial datasets (Collected priority spatial datasets)	04/2016	KR NIPI members	Harmonized spatial datasets - in case of newly collected and extensively restructured Annex I spatial data sets. For remaining cases datasets can remain in the structure as they are collected and maintained.
09	Provision of other spatial datasets (Collected other spatial datasets)	12/2016	KR NIPI members	Harmonized spatial datasets - in case of newly collected and extensively restructured Annex I spatial data sets. For remaining cases datasets can remain in the structure as they are collected and maintained.
	Metadata			
10	Provision of availability and compliancy for the priority spatial datasets and services metadata (Metadata for the priority spatial datasets and services)	04/2016	KR NIPI members	
11	Provision of availability and compliancy for the other spatial datasets and services metadata from the Annex I-III of the NSDI law n.3/2010 (Metadata for the priority spatial datasets and services from the Annex I-III of the NSDI law n.3/2010)	12/2016	KR NIPI members	
	Spatial data services			
12	Provision of the availability of on-line discovery, view and download	04/2016	KR NIPI members	

No.	Action title (Action outcome)	Date for submission for KR NIPI	Responsible/ co-responsible	Note
	services for documented priority datasets (Documented priority datasets available via spatial data services through National and European Geoportal)			
13	Provision of the availability of on-line discovery, view and download services for other documented datasets (Other documented datasets available via spatial data services through National and European Geoportal)	12/2016	KR NIPI members	+ Including implementation of the request from National Forest Centre to create national tile scheme for cashed services
	Data and service sharing			
14	Creation of "the NSDI License Policy" (Document of "the NSDI License Policy")	05/2016	TPVSS" / KR NIPI members	
	Monitoring and reporting			
15	Preparation of the SK INSPIRE Monitoring for 2015 (SK INSPIRE Monitoring 2016)	04/2016	MoE SR / KR NIPI members	
16	Preparation of the SK INSPIRE Report 2013-2016 (SK INSPIRE Report 2013-2016)	04/2016	MoE SR / KR NIPI members	

Notes:

Ministry of Agriculture and Rural Development of the Slovak Republic	MoA
Ministry of Culture of the Slovak Republic	MoC
Ministry of Defence of Slovak republic	MoR
Ministry of Economy of the Slovak Republic	MoEC
Ministry of Education, Science, Research and Sport of the Slovak Republic	MoER
Ministry of Environment of the Slovak Republic	MoE
Ministry of of Finance of the Slovak Republic	MoF
Geodesy, Cartography and Cadastre Authority of Slovak Republic	GCCA
Ministry of Interior of the Slovak Republic	MoJ
Ministry of Health of Slovak Republic	MoA
Statistical Office of the Slovak Republic	SO
Ministry of Transport, Construction and Regional Development of the Slovak Republic	MoT
Association of Towns and Communities of Slovakia	MoT

[4] http://inspire.enviroportal.sk/koordinacia/rev-o-sk/cast/gi/tpvss

2. identification of spatial data sets and priority setting

2. identification of spatial data sets and priority setting

Q1: Do you agree with our assessment that a considerable number of spatial data sets are not yet reported and available online?

Yes, based on preliminary investigations, significant part of the spatial data sets is being reported via various on-line reporting channels.
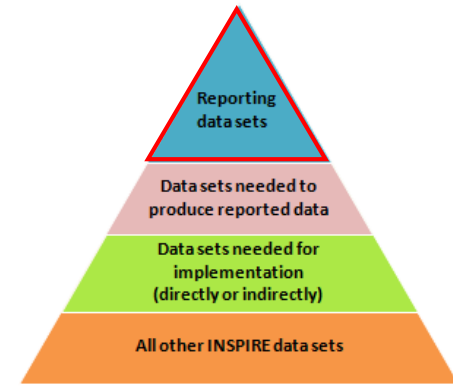
Q2: In your case, what are the reasons why those data sets are not yet identified and online?

In some cases the priority was driven by the expectations for the full compliancy and in rest cases it was simply result of the insufficient communication and coordination.

Q3: What are your plans to identify the 'missing' data sets and to bring them online?

After the MIG meetings in Rome last December. there has been initiated activities on national level aiming to improve the situation via approved National Spatial Data Infrastructure (NSDI) Council Action plan 2016 paying high attention to the priority reporting datasets. (Actions: 07,08).
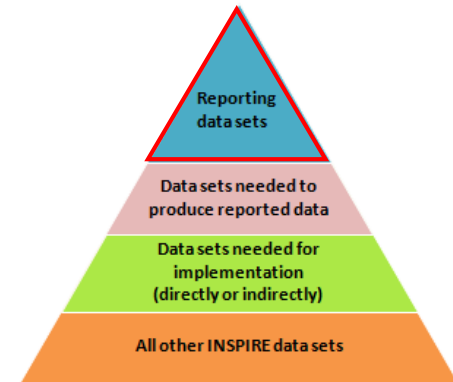
NSDI components

- Interoperability – [Priority reporting]() data sets:

	Metadata	View	Download
Environmental monitoring facilities	😐	☹️	☹️
Agricultural and aquaculture facilities	☹️	☹️	☹️
Area management/restriction/ regulation zones and reporting units	😐	☹️	☹️
Atmospheric conditions	😐	☹️	☹️
Meteorological geographical features	😐	☹️	☹️
Bio-geographical regions	🙂	🙂	🙂
Habitats and biotopes	🙂	🙂	🙂
Species distribution	🙂	😐	😐
Protected sites	🙂	🙂	🙂

Reporting data sets

Data sets needed to produce reported data

Data sets needed for implementation (directly or indirectly)

All other INSPIRE data sets

NSDI components

- Interoperability – Priority datasets identification

EU legislation	Responsible body	Contact	Reporting
Directive 2008/50/EC on ambient air quality and cleaner air for Europe	MŽP SR (SAŽP)	Radoslav Virgovič (radoslav.virgovic@sazp.sk) 048/ 4374 178	(B) Preliminary information on zones and agglomerations (Article 6) (C) Preliminary information on the assessment regime (Article 7) (H) Information on air quality plans (Article 13) (I) Information on source apportionment (Article 13) (J) Information on the scenario for the attainment year (Article 13) (K) Information on measures (Articles 13 and 14)
Directive 2007/60/EC on the assessment and management of flood risks – flood risk management plans	MŽP SR (SAŽP, SVP)	Renáta Grófová (renata.grofova@sazp.sk) 0915 595 202 Peter Čadek (Peter.Cadek@svp.sk) Monika Supeková (Monika.Supekova@svp.sk)	Floods Directive - Flood Risk Management Plans
Directive 2007/60/EC on the assessment and management of flood risks	?	?	Floods Directive - Preliminary Flood Risk Assessment and Areas of Potential Significant Flood Risk Floods Directive - Flood Hazard Maps and Flood Risk Maps
Directive 2000/60/EC on establishing a framework for the Community action in the field of water policy - river basin management plans	MŽP SR (SAŽP, ?)	Renáta Grófová (renata.grofova@sazp.sk) 0915 595 202 Panak ?	EQSD in WFD characterisation of River Basin District (RBD), human activity and economic analysis, summary report and register of protected areas EQSD in WFD River Basin District and competent authority report EQSD in WFD River Basin Management Plan including programme of measures Groundwater in WFD River Basin Management Plan including programme of measures
Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)	MŽP SR (SAŽP)	Renáta Grófová (renata.grofova@sazp.sk) 0915 595 202	Groundwater in WFD progress on implementation of programmes of measures
Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)	MŽP SR (SAŽP)	Renáta Grófová (renata.grofova@sazp.sk) 0915 595 202	EQSD in WFD progress on implementation of programmes of measures
Emissions - Regulation EC/166/2006 concerning the establishment of a European Pollutant Release and Transfer Register (e-PRTR) and Directive 2001/80/EC on the limitation of emissions of certain pollutants into the air from large combustion plants (the LCP Directive)	MŽP SR (SAŽP)	Ivana Novikmecová (ivana.novikmecova@sazp.sk) 0907 850 130 ePRTR Lišková Katarína (katarina.liskova@sazp.sk) 0915 595 205 LCP Radoslav Virgovič (radoslav.virgovic@sazp.sk) 048/ 4374 178	E-PRTR data reporting

Reporting data sets

Data sets needed to produce reported data

Data sets needed for implementation (directly or indirectly)

All other INSPIRE data sets

NSDI components

- Interoperability – Priority datasets identification
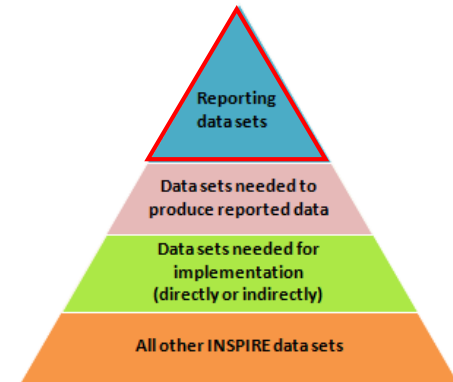
EU legislation	Responsible body	Contact	Reporting
Council Directive 91/271/EEC concerning urban waste-water treatment	MŽP SR (SAŽP, VÚVH)	(SIIF) Renáta Grófová (renata.grofova@sazp.sk) 0915 595 202 Slugeň Drahovská	Urban Waste Water Treatment Directive - Situation Report (Art. 16) (nesedí datum)
Council Directive 91/676/EEC concerning the protection of waters against pollution caused by nitrates from agricultural sources	MŽP SR (SAŽP, VÚVH)	Renáta Grófová (renata.grofova@sazp.sk) 0915 595 202 Cibulka	Nitrates Directive - Report (30/06/2016)
Council Directive 1999/31/EC on the landfill of waste	MŽP SR (SAŽP)	Ivana Novikmecová (ivana.novikmecova@sazp.sk) 0907 850 130	Landfill of Waste Directive Implementation Report
Directive 2009/147/EC on the conservation of wild birds	MŽP SR (SAŽP, ŠOP SR)	Ivana Novikmecová (ivana.novikmecova@sazp.sk) 0907 850 130 ?	
Directive 2010/75/EU on industrial emissions (the Industrial Emissions Directive or IED)	MŽP SR (SAŽP)	Radoslav Virgovič (radoslav.virgovic@sazp.sk) 048/ 4374 178	Annex II Questionnaire
Directive 2002/49/EC relating to the assessment and management of environmental noise (the Environmental Noise Directive – END)	MŽP SR, MZ SR (SAŽP)	Renáta Grófová (renata.grofova@sazp.sk) 0915 595 202 Jajcaj	Strategic noise maps (DF 4 and DF 8)
Directive 2006/21/EC on the management of waste from the extractive industries (the mining waste directive)	MŽP SR (SAŽP)	Ivana Novikmecová (ivana.novikmecova@sazp.sk) 0907 850 130	Mining Waste Directive implementation report
Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora	MŽP SR (SAŽP, ŠOP SR)	Ivana Novikmecová (ivana.novikmecova@sazp.sk) 0907 850 130 ?	National Report on Derogations under the Habitats Directive

3. compliance with INSPIRE requirements on "Interoperability of spatial data sets and services"

Q4: Do you share this assessment? Do you have any comments?

Yes, the lowering trend can be explained by clarified scope and the requirements for the INSPIRE compliancy. During the first period there were declared some datasets as compliant, although they were not in reality, but just were falling under the scope of the theme.

Q5: What are your plans to remedy the situation? By when?

Initial set of activities already took place via collection of mapping tables for the Annex I and some Annex II+III themes in 2015. By end of March 2016 analysis of this inventory if foreseen to be done as an input for the bilateral meetings foreseen to be organised on national level with the main stakeholders to provide further guidance and support to meet legal requirements by the end of the 2016. (Actions 07 and 09).

Question: Testing toolset for validation of the requirements for the interoperability

NSDI components
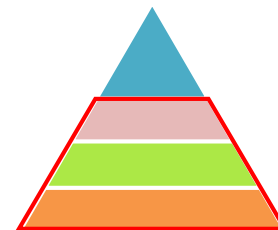
- Interoperability – Other data sets from Annex I:

	Metadata	View	Download
Coordinate reference systems	----	----	----
Geographical grid systems	----	----	----
Geographical names	☺	☺	😐
Administrative units	☺	☺	😐
Addresses	😐	😐	😐
Cadastral parcels	☺	😐	☹
Transport networks	☺	☺	😐
Hydrography	☺	☺	😐

It remains open, whether there shall be appointed any responsible body

MoI is currently undertaking the activities to ensure INSPIRE compliance .

Further coordination between GCCA and MoT will extend the compliancy of SK for all transport means

Initial harmonisation activities took place between MoE and GCCA .

NSDI components

- Interoperability – Other data sets from Annex II & III:

	Metadata	View	Download
Elevation	🙂	😐	🙁
Land cover	🙂	🙂	😐
Orthoimaginary	😐	😐	🙁
Geology	🙂	🙂	😐
Statistical units	🙁	🙁	🙁
Buildings	🙂	🙁	🙁
Soil	🙂	😐	😐
Land use	😐	😐	😐
Human health and safety	😐	😐	🙁

NSDI components

- Interoperability – Other data sets from Annex II & III:

	Metadata	View	Download
Utility and governmental services	😐	😐	😦
Population distribution – demography	😦	😦	😦
Natural risk zones	😦	😦	😦
Energy resources	😦	😦	😦
Mineral resources	😐	😐	😦

Overal INSPIRE compliancy across all annexes
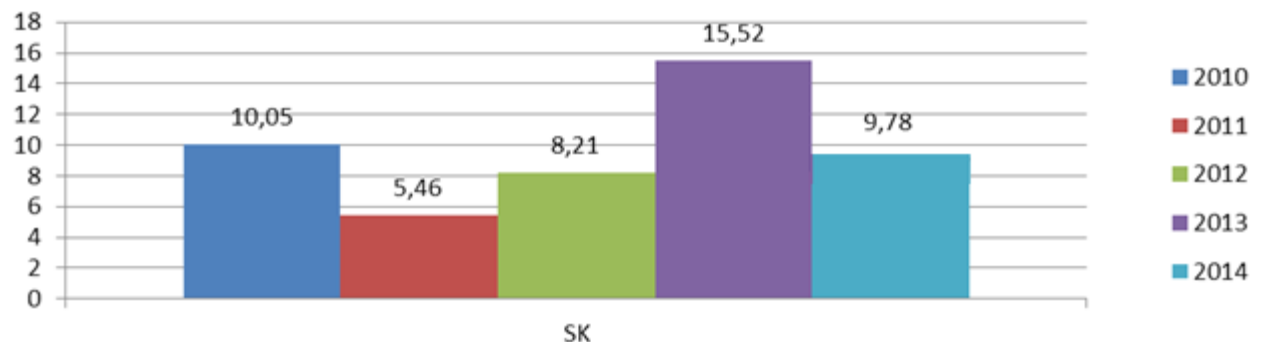
Bar chart (SK): 2010 = 10,05; 2011 = 5,46; 2012 = 8,21; 2013 = 15,52; 2014 = 9,78

3. compliance with INSPIRE requirements on "Interoperability of spatial data sets and services"

Q6: What are your plans to achieve compliance?

For time being the responsibilities were assigned in Slovakia only on the INSPIRE themes level via Register of Responsible Bodies. In 2016 the priority will be on identification of responsibility on the lower level of detail with respect to the essential elements of the INSPIRE UML model - for the legally binding part. At the same time detailed guidance is foreseen to be provided via INSPIRE national strategy clarifying certain concepts, necessary for practical implementation of legal requirements and technical recommendations (Action 01).

Q7: What are your views on this in terms of feasibility?

Proposed and approved NSDI council Action plan provides concrete evidence of willingness to commit resources of the Ministry of the Environment of Slovak republic (main responsible body for INSPIRE implementation) and other main stakeholders on national level to meet legal requirements and achieve practical benefits of operational SDI. There can be also identified some risks causing the proposed deadlines will not be achieved (Limited skilled expertise, changed priorities in connection to the political situation, etc.).

Q8: Do you see a need for priority setting and if so, on what should these priorities be based in your view? For example, prioritise the common data modelling on the basis of upcoming reporting requirements as listed in Table 1.

We do support the idea to demonstrate the INSPIRE visibility and harmonisation for already published environmental spatial data, together with the focus on reference data, which in many case provide essential base for environmental spatial content.

3. compliance with INSPIRE requirements on "Interoperability of spatial data sets and services"

[Priority datasets identification and harmonisation](#)

4. compliance with metadata under Annex I-III

NSDI components

- <u>Metadata</u>
    - <u>National Geoportal</u> metadata viewer + Catalogue service
    - Creation and update of the metadata:
        - Can be done either via Metadata editor from MoE
        - Via INSPIRE metatada editor
        - Via metadata editors of data providers

    ~ 410 rec @ SK CSW *

🟢 geology	77
🟡 administrative units	34
🔵 land cover	26
🟠 hydrography	26
🔴 transport networks	15
🔵 soil	13
🟣 protected sites	11
🟣 land use	11
🟢 geographical names	9
🟡 utility and governmental services	8
🔵 production and industrial facilities	8
🟠 orthoimagery	8
🔴 habitats and biotopes	6
🔵 elevation	6
🟣 species distribution	5
🟣 area management/restriction/regulation zones and reporting units	5
🟢 environmental monitoring facilities	4
🟡 buildings	4
🔵 geographical grid systems	3
🟠 bio-geographical regions	3
🔴 statistical units	2
🔵 meteorological geographical features	2
🟣 human health and safety	2
🟣 coordinate reference systems	2
🟢 cadastral parcels	2
🟡 natural risk zones	1
🔵 energy resources	1
🟠 agricultural and aquaculture facilities	1

INSPIRE Full Operating

Average degree of conformity of INSPIRE Metadata: 83.34%

(SK) - Member State Discovery Service Summary Report

* As for 04.03.2016

4. compliance with metadata under Annex I-III

Q9: Do you share this assessment? Do you have any comments?

We are aware of validations problems concerning metadata records from Slovak national catalogue service.

Metadata published by Slovak national catalogue service come from various partial catalogue services operated by data providers across public administration. Slovak national catalogue service plays a role of central harvester for distributed catalogue services. National catalogue service implementation lacks validation toolset with comparable capability as in case of INSPIRE Geoportal validation tool.

As report says approximately 82% metadata elements are provided to conform to respective regulations. With this in mind the low number (61) of valid metadata records is caused to significant level by repetitive validation issues e.g. missing conformity metadata, inappropriate spatial reference system.

Spatial reference system (SRS) validation issue remark: as of our understanding of regulations the validation of SRS in metadata record is too strict in case when dataset conformity is declared in its metadata as "not conformant" or "not evaluated". In this case of non harmonised dataset SRS shall not be considered to comply with SRS list mandated by respective regulation.

Note: Filtering metadata for INSPIRE Geoportal (currently testing the possibility to filter the INSPIRE related content from national CSW)

4. compliance with metadata under Annex I-III

Q10: What are your plans and solutions to remedy the situation? By when?

INSPIRE national coordinator – Ministry of the Environment of the Slovak republic is currently implementing national e-Government project "Spatial data registry" financed by EU structural funds. One of the main components is complex metadata solution with up to date validation toolset.
Existing Slovak national catalogue service will be substituted be new implementation provided by the project. The project shall be finished by September 2016. We expect short transition period needed for data provides to adopt new metadata solution provided by the project (Actions 10,11).

Question remains about the resources beyond the INSPIRE scope, and data publishers would like to share these via NSDI?

5. non-compliance of Spatial Data Services (discovery, view and download services)

NSDI components

- ## Network services

  - Searchable via National Geoportal metadata viewer

  - Currently available INSPIRE View and Download services

Spatial Data Service Types

- discovery:5
- view:54
- download:14
- transformation:1
- invoke:0
- other:23
- unknown/non-INSPIRE: 31
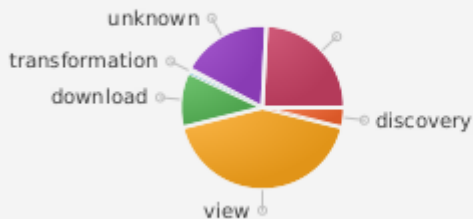
128 rec @ SK CSW

  - Compliancy

Discovery

View

Download

INSPIRE Validation
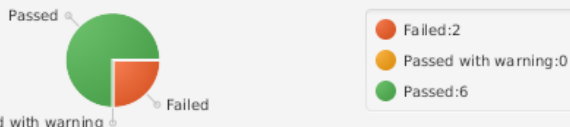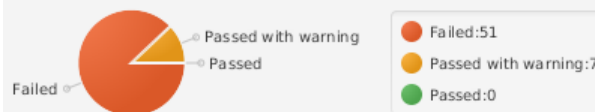
Passed

Failed

Passed with warning

- Failed:2
- Passed with warning:0
- Passed:6

INSPIRE Validation

Passed with warning

Passed

Failed

- Failed:51
- Passed with warning:7
- Passed:0

INSPIRE Validation

Failed

Passed with warning

- Failed:3
- Passed with warning:0
- Passed:0
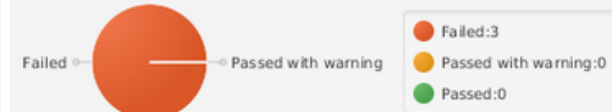
5. non-compliance of Spatial Data Services (discovery, view and download services)

Q11: Do you share this assessment? Do you have any comments?
We are aware of gap related to the view and download services. This discrepancy is caused by several factors.

- *Technical difficulties with view and download services implementation by data providers*
- *Complexity to achieve compliancy with the legal requirements and technical recommendations*
- *Data access limitation (e.g. copyrights)*

Question: Availability of reference implementations Discovery, View, Download (Atom, Pre-defined downloads, Direct access)

5. non-compliance of Spatial Data Services (discovery, view and download services)

Q12: What are your plans and solutions to remedy the situation? By when?

Recent legal changes to Slovak national SDI law stimulated by the observations from the European Comission (In connection to the Analysis of the transposition of Directive 2007/2/EC into Slovak legislation based on EU Pilot 4473/13/ENVI) put MoE of the Slovak republic in charge to provide the technical support for data providers (To ensure ensure that public authorities are given the technical possibility to link their spatial data sets and services to the network referred to in Article 11(1) of the INSPIRE Directive).

There are foreseen the activities aiming to ensure the full support of legal requirement with the technical support for spatial data services via project proposal to be also in line with the national e-Government activities. Resulting project proposal shall implemented support for harmonisation activities and view and download network services for data providers not technically capable to provide harmonised network services. Despite the results of this effort question of sufficient resources for data harmonisation remains still open. With that main responsibility for the fulfilment of the legal requirements will still stay with the data providers, representing the main pillars for the infrastructure itself.

Apart of technical difficulties further transparency for data sharing and support for re-use (PSI and Open Data) advocacy including the collection for benefits evidence shall be strengthened by the MoR of the Slovak republic and with the support of the all stakeholders (Actions 02,03,04,05-09,12,13).

6. compliance with INSPIRE requirements on Data-sharing

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Q13: Do you share the general EU level assessment?
Yes

Q14: Do you consider the current implementation of data sharing in SK sufficiently effective to remove all procedural obstacles to data sharing with SK, with other MS and with the EU levels?
No

Q15: In terms of efficiency, how do you rate the administrative burden of the current situation?
Not sure, about the intention of the question, but current administrative burden remains high in connection to the effective and harmonised data and service sharing in Slovakia.

Question: Lack of proper guidance for licencing (also in connection to eGov and Open Data movement)

Q16: What are the SK plans for ensuring that 'all practical obstacles, occurring at the point of use, to the sharing of spatial data sets and services' are removed based on Article 17 of the Directive?

There are two types of related activities:

Legal activities: *Where initial activities already took place with the amendment of the NSDI law No. 3/2010 Coll. (No.362/2015 Coll.) and additional are foreseen with the amendment of Decree no. 352/2011 Coll.*

Technical guidance activities: *In connection to the NSDI Council action plan activity to prepare NSDI Licence Policy guidelines is foreseen to take place (Action 14).What are your plans and solutions to improve the situation? By when?*

In connection to the activities of the national Data sharing working group preparation of the data sharing arrangements clarifying the use of harmonised licenses (INSPIRE and Creative Commons) will take place in order to provide the input for the Decree no. 352/2011 Coll. amendment (April 2016) and NSDI Licence Policy guidelines preparation (First proposal 05/2016) (Actions 14,15,16).

Question: Scope of the INSPIRE in relation to the data sharing (interpretation of the dataset falling or not falling under the INSPIRE).

Conclusions and next steps

Conclusions

- What mostly works
  - Coordination on top level
  - Harmonisation for some themes
  - Possibility do discover, view resources
  - X border knowledge transfer

- What does not properly work
  - Coordination on expert domain / technical level
  - Alocation of sufficient priority and resources
  - Limited open data sharing arrangements / culture

- Points to focus
  - Identify data as they are and where they are
  - Made them accessible via services
  - Describe the data and services with metadata

- Possible drivers / helpers
  - Link /interaction with new communities ([OGP/Open Data action plan 2016-2019](#), [slovensko.digital](#))
  - Closer alignemnt with eGov
  - Support / inspirations from other EU MSs and EC

Next steps

- For 2016
    - NSDI Coordination council Action plan
    - INSPIRE Monitoring and Reporting
- For 2016 – 2020
    - National NSDI implementation strategy