

# Príprava prioritných údajov o stave životného prostredia v SR

**Konferencia Inspirujme se...**

27.02.2018, Pruhonice, Česká republika

# Prehľad

1. Motivácia
2. INSPIRE prioritné datasety
3. Súvisiace úlohy
4. Aktuálny stav a súvisiace výzvy
5. Plánované aktivity

# 1. Motivácia

- SK INSPIRE country fiche

INSPIRE key obligation	Overall implementation status and trend	Outlook	<u>Dashboard Legend</u>
Ensure effective coordination	😊 ↗	🟢	<b>Implementation Status:</b> 😊: implementation of this provision is well advanced or (nearly) completed. Outstanding issues are minor and can be addressed easily.
Data sharing without obstacles	😐 ↗	🟢	😐: implementation of this provision has started and made some progress but is still far from being complete. Outstanding issues are significant and need to be addressed to ensure that the objectives of the legislation can still be reached by 2020.
Step 1: Identify spatial datasets	😐 ↗	🟢	😐: implementation of this provision is falling significantly behind or has not even started. Serious efforts are necessary to close implementation gap.
Step 2: Document datasets (metadata)	😐 ↗	🟢	<b>Trend:</b> ↗: the trend of the implementation is positive. →: the trend of the implementation is neutral. ↘: the trend of the implementation is negative.
Step 3: Provide services for identified spatial datasets (discovery, view, download)	😐 →	🟢	<b>Outlook:</b> 🟢: clear and targeted actions have been identified which allow reaching the objectives of the legislation in an effective way. 🟡: No real progress has been made in the recent past or actions which have been identified are not clear and targeted enough to predict a more positive outlook. 🔴: no actions have been identified to overcome identified implementation gaps.
Step 4: Make spatial datasets interoperable by aligning them with the common data models.	😐 →	🟢	

- Komunikácia Európskej komisie



EUROPEAN COMMISSION  
DIRECTORATE-GENERAL ENVIRONMENT  
Directorate E - Implementation & Support to Member States  
The Director

Brussels, 21. 12. 2017  
ENV.E.4/ /Ares(2017)

Addressed to the INSPIRE National Contact Points (NCPs) via email

Having said this, there are still significant shortcomings in your national implementation efforts, and I am sure that you will agree that further efforts are needed to close the existing gaps and catch up on the obligations whose deadlines have already passed, in particular as regards selection of datasets, documentation (metadata) and provision of services. In particular, we are concerned that the most basic and essential datasets for the implementation of environmental legislation are in many cases not yet available at all through the INSPIRE infrastructure or they cannot be viewed and downloaded. In accordance with Articles 6, 7 and 11 of the INSPIRE Directive, such datasets (covering Annexes I to III of the Directive) should have been made available "as is" since 2013.

Antwerp. This would allow us to demonstrate together the availability of key environmental spatial data for reuse and thereby the added value of the Directive. In other words, the fruits of all our efforts can become more visible and accessible to a wider user community. We therefore call on your support in filling the Thematic Viewer with your environmental priority datasets as much as possible in the coming months, but at the latest by 15th May 2018.

# 1. Motivácia

- SK INSPIRE country fiche

INSPIRE key obligation	Overall implementation status and trend	Outlook	<u>Dashboard Legend</u>
Ensure effective coordination	😊 ↗	🟢	<b>Implementation Status:</b> 😊: implementation of this provision is well advanced or (nearly) completed. Outstanding issues are minor and can be addressed easily.
Data sharing without obstacles	😐 ↗	🟢	😐: implementation of this provision has started and made some progress but is still far from being complete. Outstanding issues are significant and need to be addressed to ensure that the objectives of the legislation can still be reached by 2020.
Step 1: Identify spatial datasets	😐 ↗	🟢	😐: implementation of this provision is falling significantly behind or has not even started. Serious efforts are necessary to close implementation gap.
Step 2: Document datasets (metadata)	😐 ↗	🟢	<b>Trend:</b> ↗: the trend of the implementation is positive. →: the trend of the implementation is neutral. ↘: the trend of the implementation is negative.
Step 3: Provide services for identified spatial datasets (discovery, view, download)	😐 →	🟢	<b>Outlook:</b> 🟢: clear and targeted actions have been identified which allow reaching the objectives of the legislation in an effective way. 🟡: No real progress has been made in the recent past or actions which have been identified are not clear and targeted enough to predict a more positive outlook. 🔴: no actions have been identified to overcome identified implementation gaps.
Step 4: Make spatial datasets interoperable by aligning them with the common data models.	😐 →	🟢	

- Komunikácia Európskej komisie



EUROPEAN COMMISSION  
DIRECTORATE-GENERAL ENVIRONMENT  
Directorate E - Implementation & Support to Member States  
The Director

Brussels, 21. 12. 2017  
ENV.E.4/ /Ares(2017)

Addressed to the INSPIRE National Contact Points (NCPs) via email

Having said this, there are still significant shortcomings in your national implementation efforts, and I am sure that you will agree that further efforts are needed to close the existing gaps and catch up on the obligations whose deadlines have already passed, in particular as regards selection of datasets, documentation (metadata) and provision of services. In particular, we are concerned that the most basic and essential datasets for the implementation of environmental legislation are in many cases not yet available at all through the INSPIRE infrastructure or they cannot be viewed and downloaded. In accordance with Articles 6, 7 and 11 of the INSPIRE Directive, such datasets (covering Annexes I to III of the Directive) should have been made available "as is" since 2013.

Antwerp. This would allow us to demonstrate together the availability of key environmental spatial data for reuse and thereby the added value of the Directive. In other words, the fruits of all our efforts can become more visible and accessible to a wider user community. We therefore call on your support in filling the Thematic Viewer with your environmental priority datasets as much as possible in the coming months, but at the latest by 15th May 2018.

## 2. INSPIRE prioritné datasety

- [MIWP action 2016.5 "Priority list of datasets for e-Reporting"](https://ies-svn.jrc.ec.europa.eu/projects/2016-5/wiki/)
- [SK zoznam INSPIRE prioritných datasetov](https://inspire.gov.sk/implementacia/interoperabilita/inspire-tmy)

INSPIRE > MIG Domovská stránka

Návod Projekty Prehľad Prihlásenie

Hľadať

MIG >> MIWP 2016-2020 >> 2016.5 Priority list of data sets for eReporting

Prehľad Aktivity Úlohy Wiki

### Main page for the MIWP action 2016.5 "Priority list of datasets for e-Reporting"

Context

Action 2016.5

The scope of this action under "Working area 2: End user applications" of the Maintenance and Implementation Work Programme 2017-2020 is to further develop a list of datasets related to environmental reporting and support Member States with making these datasets accessible through the European Spatial Data Infrastructure in a stepwise manner. The list also reflects the data gaps identified during the evaluation of the state-of-implementation and the fitness of the Directive for its intended purpose (a so-called REFIT evaluation). In the scope is also a provision of help (e.g. update of the SW tool - Find your scope /HALE) and other possible support to transform the priority datasets according to the INSPIRE requirements and proposal for streamlining of selected/prioritized/agreed environmental reporting obligations based on the detailed spatial object mapping.

The realisation of the proposal for possible streamlining of reporting obligations and if applicable INSPIRE IRS/TGs is out of scope since this role is attributed to the Committee or the co-legislator if reporting obligations have to be amended in EU law. However, as a result of this work, suggestions can be made which will be transmitted to the relevant units in the Commission dealing with these issues.

Wiki

Výchozia stránka  
Index podľa názvu  
Index podľa dátumu

INSPIRE > MIG Domovská stránka

MIG >> MIWP 2016-2020 >> 2016.5 Priority list of data sets

Prehľad Aktivity Úlohy Wiki

### Rolling priority list of data sets v2.0

Guidance to the priority dataset list version 2.docx - Guidance to the priority dataset list version 2 (46.944 KB) Joeri Robbrecht, 23 Feb 2018 12:43 pm

eReporting\_PriorityDataList\_extended\_draft\_V2.0.xlsx - Priority list of data sets version 2.0 (97.377 KB) Joeri Robbrecht, 23 Feb 2018 12:43 pm

inspire.gov.sk/implementacia/interoperabilita/inspire-tmy

## INSPIRE

Národná infraštruktúra priestorových informácií

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

inspire.gov.sk / Implementácia / Interoperabilita / INSPIRE témy

### INSPIRE témy

Informácie k implementácii jednotlivých tém zadenonovaných v prílohách zákona č.362/2015 Z.z., ktorým sa mení a dopĺňa zákon č. 3/2010 Z. z. o národnej infraštruktúre pre priestorové informácie.

**INSPIRE prioritné datasety**

Príloha 1

- 1.1 Súradnicové referenčné systémy
- 1.2 Systavy súradnicových sietí
- 1.3 Geografické názvoslovie
- 1.4 Správne jednotky
- 1.5 Adresy
- 1.6 Parcely katastra nehnuteľností
- 1.7 Dopravné siete
- 1.8 Hydrografia
- 1.9 Chránené územia

Implementácia

Metaúdaje

Interoperabilita

Harmonizácia údajov - Mapovacie tabuľky

INSPIRE témy

Usmernenie k interoperabilite

Sieťové služby

Zdieľanie údajov

Monitoring a reporting

Testovanie a validácia súladu

Využívanie a príklady implementácie INSPIRE

INSPIRE implementačné pravidlá

Dokumenty

Smernica INSPIRE

Výkonávacie predpisy

Zákon a vyhláška NIPI

Komponenty

Metaúdaje

Interoperabilita

Sieťové služby

Zdieľanie údajov

Monitoring a reporting

Súvisiace iniciatívy

SEIS

### 1. Aktuálna verzia zoznamu SK INSPIRE prioritných datasetov:

- [20170808 INSPIRE LOIPDS\\_SK.xls](#)
- [20171111 INSPIRE LOIPDS\\_SK](#)

# 2.INSPIRE prioritné datasety

- [MIWP action 2016.5 "Priority list of datasets for e-Reporting"](#)
- [SK zoznam INSPIRE prioritných datasetov](#)

## Priority List of data sets for eReporting v2.0 - extended list, draft

<b>Contact EEA:</b>	Stefan Jensen (Stefan.Jensen@eea.europa.eu)
<b>Contact data preparation:</b>	Gabriele Vincze (gabriele.vincze@umweltbundesamt.at)
<b>Date:</b>	23.2.2018
<b>Data description:</b>	Extension of the priority list of data sets for eReporting v1.2 including information of the working document "Inventory for monitoring and reporting obligations and processes involving spatial information in EU environment legislation", information available at CDR/EIONET (priority data flows), member state feedback and input to the list and national available information in Austria
<b>Purpose of data collection:</b>	Update the priority list of data sets for eReporting
<b>Data source:</b>	Priority List of data sets for eReporting v1.2 (19.07.2017); Inventory for monitoring and reporting obligations and processes involving spatial information in EU environment legislation; EIONET core data flows and reporting resources; feedback and input of the INSPIRE MIWP subgroup 2016.5
<b>Data collection/preparation:</b>	November 2017 - February 2018
	First draft available for discussion at MIWP 2016.5 Meeting 23.11.2017; including input from sub group members and restructuring of the list; second draft for discussion with FFA, FK and IRC: 26.1.2018: <b>Priority List of data sets for eReporting v2.0 - extended list, draft</b>
1	Date: 23.2.2018
2	Version: 2,0
3	Status: Draft

Fitness check for reporting								
	ref. Priority List 1.2	Theme	Title of legislation	Acronym / abbreviation	Short description	Reporting requirement	Originally defined spatial data sets (incl. in some cases type 2 data)	
4								
5								
96		47	Waste	Council Directive 86/278/EEC on the protection of the soil, when sewage sludge is used in agriculture.	86/278/EEC	Report on the use of sludge in agriculture: the quantities used, the criteria followed and any difficulties encountered	Report on the use of sludge Names and addresses of the recipients of the sludge. Place where the sludge is to be used.	42)Agricultural facilities receiving sludge
97		48	Waste	Council Directive 86/278/EEC on the protection of the soil, when sewage sludge is used in agriculture.	86/278/EEC	Report on the use of sludge in agriculture: the quantities used, the criteria followed and any difficulties encountered	Report on the use of sludge Names and addresses of the recipients of the sludge. Place where the sludge is to be used.	43) Location of the agricultural sites where sludge is deposited
98		49	Waste	Regulation (EC) No 1102/2008 of the European Parliament and of the Council of 22 October 2008 on the banning of exports of metallic mercury and certain mercury compounds and mixtures and the safe storage of metallic mercury	1102/2008	Economic operators targetted in Art. 2 to submit to Commission and MS info on quantity of mercury that is still used, stored and gained and on volume of mercury waste sent to waste storage facilities and contact details of such facilities	Location of the facility, Georeferenced statistics at facility level. Common identifier, e.g. NUTS codes, for linking to spatial objects (statistical units)	44) Location of storage facilities

List no.	Title with link to source	INSPIRE priority dataset linked to environmental reporting	ESRI Core Data Flow (ESRI)	Short description	Theme	Detailed reporting requirement	INSPIRE Annex Theme	INSPIRE Spatial Object Type	Recommendations	Reportované priestorové údaje	Názov s odkazom na zdroj (prvý predpis - SK verzia)
1	<a href="#">Directive 2008/50/EC of the European Parliament and of the Council on ambient air quality and cleaner air for Europe, including Implementing Decision 2011/850/EU</a>	1) AQ management zones & agglomeration		Information on Ambient Air Quality	Air Quality	2011/850/EC, Art 6-14 gives full detail: information on zones & agglomerations, assessment regimes & methods, primary validated data and aggregated, attainment of objectives, source apportionment, air quality plans and measures, attainment year	Annex III AM	AM: Management Restrictions / Regulation Zone & Reporting Units	All EEA member countries are reporting through an INSPIRE-extended schema since 2014 either directly generating reports from their production systems (BE, NL, UK, AT, SE, DE, etc), or through tools. For stateless I4V, air quality plans and programs) an easy to use tool is developed by IRC: <a href="http://papers.eionet.europa.eu/">http://papers.eionet.europa.eu/</a> / The remaining challenge regarding 2008/50/EC is the establishment of web services at provider level, and changing the reporting paradigm from data push to pull.	1) Zóny hodnotenia a riadenia kvality ovzdušia, aglomerácie hodnotenia a riadenia kvality ovzdušia	<a href="#">Smerica Európskeho Parlamentu a Rady 2008/50/ES z 21. mája 2008 o kvalite ovzdušia ovocia a čistšom ovzduší v Európe (určenie implementácie rozhodnutia 2011/850/EU)</a>
2	<a href="#">Directive 2008/50/EC of the European Parliament and of the Council on ambient air quality and cleaner air for Europe, including Implementing Decision 2011/850/EU</a>	2) AQ monitoring networks		Information on Ambient Air Quality	Air Quality	2011/850/EC, Art 6-14 gives full detail: information on zones & agglomerations, assessment regimes & methods, primary validated data and aggregated, attainment of objectives, source apportionment, air quality plans and measures, attainment year	Annex III EF	EF: Environmental Monitoring Network	All EEA member countries are reporting through an INSPIRE-extended schema since 2014 either directly generating reports from their production systems (BE, NL, UK, AT, SE, DE, etc), or through tools. For stateless I4V, air quality plans and programs) an easy to use tool is developed by IRC: <a href="http://papers.eionet.europa.eu/">http://papers.eionet.europa.eu/</a> / The remaining challenge regarding 2008/50/EC is the establishment of web services at provider level, and changing the reporting paradigm from data push to pull.	2) Monitorovacie siete kvality ovzdušia	<a href="#">Smerica Európskeho Parlamentu a Rady 2008/50/ES z 21. mája 2008 o kvalite ovzdušia ovocia a čistšom ovzduší v Európe (určenie implementácie rozhodnutia 2011/850/EU)</a>
3	<a href="#">Directive 2008/50/EC of the European Parliament and of the Council on ambient air quality and cleaner air for Europe, including Implementing Decision 2011/850/EU</a>	3) AQ monitoring stations		Information on Ambient Air Quality	Air Quality	2011/850/EC, Art 6-14 gives full detail: information on zones & agglomerations, assessment regimes & methods, primary validated	Annex III EF	EF: Environmental Monitoring Facility	All EEA member countries are reporting through an INSPIRE-extended schema since 2014 either directly generating reports from their production	3) Monitorovacie stanice kvality ovzdušia	<a href="#">Smerica Európskeho Parlamentu a Rady 2008/50/ES z 21. mája 2008 o kvalite ovzdušia ovocia a čistšom ovzduší v Európe (určenie implementácie rozhodnutia 2011/850/EU)</a>

# 3. Súvisiace úlohy

- Dokumentácia metaúdajmi
- Publikácia INSPIRE služieb
- Harmonizácia reportingových povinností s INSPIRE

The screenshot displays the INSPIRE Geoportal Thematic Viewer interface. At the top, there is a navigation bar with the INSPIRE logo and the text 'Geoportal Thematic Viewer'. Below this, there are several tabs: 'Home', 'Priority Datasets', 'INSPIRE Data Themes', 'Applied methodology', and 'Harvesting Status'. A toggle switch for 'Only National Coverage' is set to 'OFF'. The main content area is titled 'Nature & Biodiversity datasets' and features a map of Europe with highlighted regions. To the right of the map, there is a 'Dataset:' section with 'Downloadable' and 'Viewable' options. Below this, the 'INSPIRE Geoportal Dataset Statistics' section shows '2 Metadata records' and '0 Downloadable Datasets', with a 'Download Report' button.

Relevant datasets			
Data set No.	Identified physical dataset	Data format	Comment
1,02	AQ agglomerations	xml - polygons	All relevant datasets of AQ Management zones and agglomerations should be provided
2,01	AQ model areas (incl. assessment methods models)	xml - polygons	

- [Directive 2010/75/EU on industrial emissions \(IED\)](#)
- [Regulation \(EU\) 1143/2014 on invasive alien species \(the IAS Regulation\)](#)
- [Nature Directives](#)
- [Floods Directive \(FD\)](#)
- [Marine Strategic Framework Directive \(MSFD\)](#)
- [Environmental Noise Directive \(END\)](#)

# 4. Stav a výzvy

- Dokumentácia metaúdajmi

Secure | https://rpi.gov.sk/client/map/records/?anytext=INSPIRE%20prioritný...

**REGISTER PRIESTOROVÝCH INFORMÁCIÍ**

INSPIRE prioritný dataset v metaúdajoch **Vyhľadať**

Vyhľadať podľa INSPIRE

RPI | Mapový a vyhľadávací klient Pomocník

47 nájdených záznamov Filter

Zoradiť výsledky podľa

Názvu ↑ Typu ↓ Dátumu aktualizácie ↓

**1) Zóny hodnotenia a riadenia kvality ovzdušia, Aglomerácie hodnotenia a riadenia kvality ovzdušia (Podávanie správ)**

Ministerstvo životného prostredia Slovenskej republiky

3.5.2017 Rozsah v mape

**10) Lokalizácia vodných útvarov (Podávanie správ)**

Ministerstvo životného prostredia Slovenskej republiky

9.5.2017 Rozsah v mape

## Nature & Biodiversity datasets

**Nature & Biodiversity datasets for Slovakia**

Metadata records with resource linkage found 0

Direct Downloadable Datasets 0

Dataset: Downloadable Viewable

**INSPIRE Geoportal Dataset Statistics**

1 Metadata records

0 Downloadable Datasets

Download Report

**FILTER MORE**

Identified themes: All Themes

Warning! NO Data available.

Hide table with missing resource linkage

This table contains the Spatial Data Sets or Spatial Data Series records with missing resource linkage aspects to the Download Services Dataset.

Metadata record title with resource linkage not found 1

Search:

**Metadata record title with resource linkage no found**

24b) Mapy biotopov využívajúce INSPIRE geografický grid systém (Ministerstvo životného prostredia Slovenskej republiky)

**Metadata record title with resource linkage no found**



# 4. Stav a výzvy

- Gescia
  - 3 rezorty:
    - Ministerstvo životného prostredia Slovenskej republiky
    - Ministerstvo zdravotníctva Slovenskej republiky
    - Ministerstvo hospodárstva Slovenskej republiky
  - 7 organizácií
    - Úrad verejného zdravotníctva Slovenskej republiky
    - Slovenská agentúra životného prostredia
    - Výskumný ústav vodného hospodárstva
    - Slovenský hydrometeorologický ústav
    - Slovenský vodohospodársky podnik
    - Štátna ochrana prírody Slovenskej republiky
    - Hlavný banský úrad
- Doterajšie implementácie INSPIRE služieb
  - 1 rezort:
    - Ministerstvo životného prostredia Slovenskej republiky
  - 3 organizácie
    - Slovenská agentúra životného prostredia
    - Slovenský vodohospodársky podnik
    - Štátna ochrana prírody Slovenskej republiky

SK prehľad podkladov a kontaktov pre  
Pre prípadnú potrebu aktualizácie údaj

List no.	Title with link to source	INSPIRE priority dataset linked to environmental reporting	Vlastník (Názov organizácie)	Vlastník (Zodpovedná osoba)	Vlastník (Adresa)	Spracovateľ (Názov organizácie)	Spracovateľ (Zodpovedná osoba)	Spracovateľ - (Adresa)	Spracovateľ (Názov organizácie)	Spracovateľ (Zodpovedná osoba)	Spracovateľ - (Adresa)	Spracovateľ - Reportér 1 (Názov organizácie)	Spracovateľ - Reportér 1 (Zodpovedná osoba)	Spracovateľ - Reportér 1 (Adresa)	Spracovateľ - Reportér 2 (Názov organizácie)	Spracovateľ - Reportér 2 (Kontaktná osoba na SAŽP)	Spracovateľ - Reportér 2 (Adresa)
21	<a href="#">Council Directive 98/83/EC on the quality of water intended for human consumption.</a>	21) DWD small water supplies	Ministerstvo zdravotníctva Slovenskej republiky, Ministerstvo životného prostredia Slovenskej republiky - spolugestor	Mgr. Tomáš Kúdela	Limbová 2; Bratislava; 83752 ;tomas.kudela@health.gov.sk	Úrad verejného zdravotníctva Slovenskej republiky	Mgr. Daša Gubková (Spracovanie atribútových údajov)	Trnavská cesta 52; Bratislava; 826 45; dasa.gubkova@uvzs.sk; +421 2 4928438	Výskumný ústav vodného hospodárstva	Ing. Karol Munka, PhD (Spracovanie atribútových údajov) Mgr. Matúš Hraško VÚVH (Spracovanie GIS údajov)	Nábřežie arm. gen. L. Svobodu 5; Bratislava 1; 812 49 ;munka@vuvh.sk; p;slugen@vuvh.sk	Slovenská agentúra životného prostredia	Ing. Renáta Grófová	Tajovského 28; Banská Bystrica; 97590; renata.grofova@sazp.sk; 048 4374 151	Úrad verejného zdravotníctva Slovenskej republiky	Mgr. Daša Gubková (Spracovanie atribútových údajov)	Trnavská cesta 52; Bratislava; 826 45; dasa.gubkova@uvzs.sk; +421 2 49284383

# 5. Plánované aktivity

- Dokumentácia metaúdajmi
  - Mapovanie na INSPIRE code list for metadata keywords
  - Aktualizácia metaúdajov o odkazy na vypublikované INSPIRE služby
  - Kontrola zobrazenia v INSPIRE thematic vieweri
- Publikácia INSPIRE služieb
  - Identifikácia relevantných datasetov
  - Identifikácia možností publikácie INSPIRE služieb
  - Publikácia a validácia INSPIRE služieb
- Harmonizácia reportingových povinností s INSPIRE
  - Vo väzbe na prebiehajúcu tvorbu interoperabilných modelov

**The May 15th deadline refers to voluntary delivery of metadata, including the keywords using the values from the new priority data set code list, and downloads services to the datasets identified. While there is a priority on those related to nature and biodiversity, all areas are encouraged but countries are welcome to start with what they consider “available and possible with reasonable effort”. Anyway – legally speaking – these datasets should be available “as-is” since 2014.**

# Ďakujem!

[martin.tuchyna@enviro.gov.sk](mailto:martin.tuchyna@enviro.gov.sk)