

WISE in INSPIRE

SLO INSPIRE dan

Urška Kušar, DRSV
Polonca Mihorko, ARSO

4. SLO INSPIRE dan, 7.11.2018, Kristalna palača Ljubljana

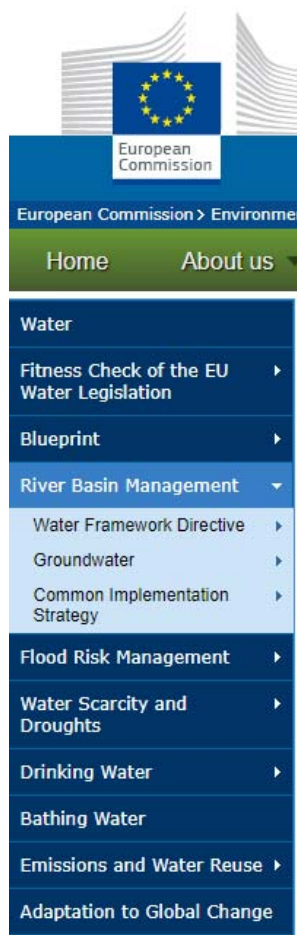


Naložbo »Program projektov eProstor« sofinancirata Republika Slovenija in Evropska unija iz Evropskega sklada za regionalni razvoj.



Program sodelovanja INTERREG V-A Italija-Slovenija 2014-2020
Strateški projekt sofinancira Evropski sklad za regionalni razvoj.

Okoljska zakonodaja EU in podatki



- Skupni okoljski cilji
- Pomen poročanja o izvajanju EU zakonodaje
 - obremenitve okolja (izpusti, posegi v okolje)
 - ukrepi
 - stanje okolja (monitoringi, ocene stanja)
 - vplivi
- Pomen dostopa do podatkov

WISE

Preglednost

Medopravilnost



WISE - Water Information System for Europe is the European information gateway to water issues

Poročaj enkrat – uporabi mnogokrat



Javni dostop do podatkov
(razen izjem)

Dostop do podatkov iz različnih lokacij

EU in EEA države članice



WISE uporabniki in namen uporabe

1. skupina

- Pripravljalci politik na evropski, regionalni, lokalni in mednarodni ravni
- Administracije držav članic

2. skupina

- Raziskovalci
- Zasebne in javne organizacije s področja upravljanja z vodami
- Splošna javnost

3. skupina

- Evropska komisija
- EEA

REPORTNET - EEA poročevalski „ustroj“

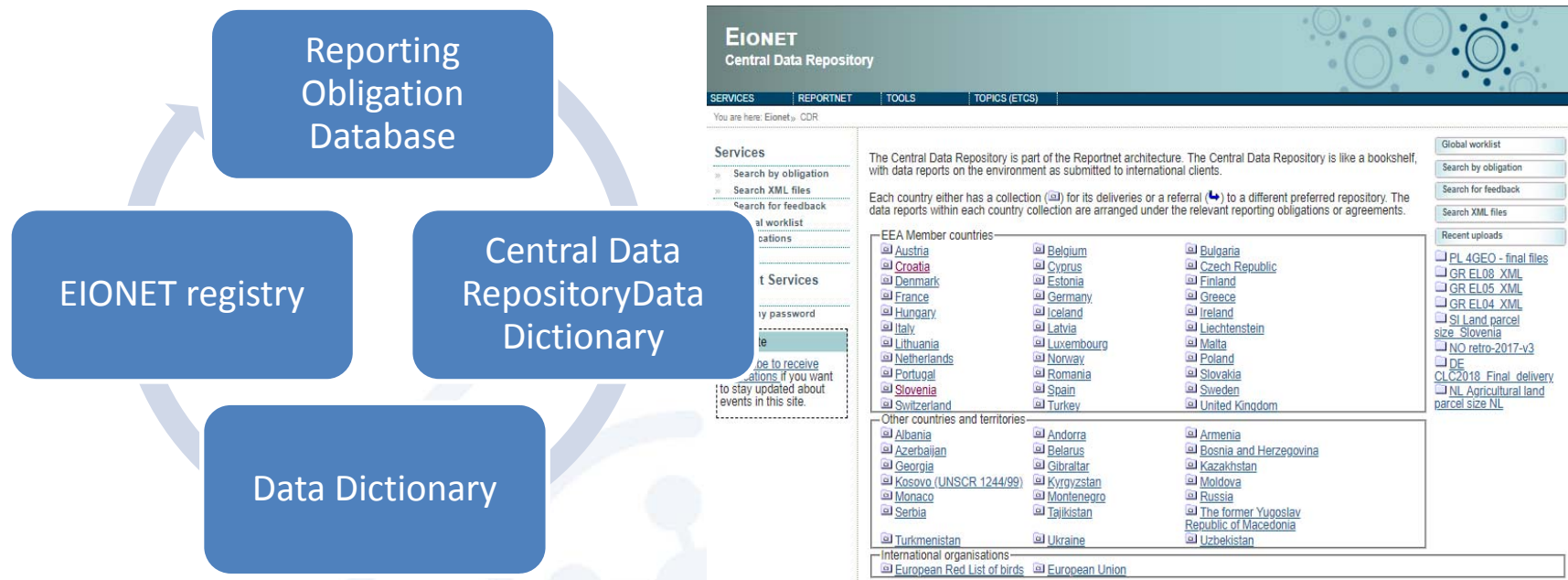


Figure 1: Reporting process

POROČANJE v WISE





NAČRTI UPRAVLJANJA VODA 2016

Overview

Water Framework Directive: River Basin Management Plans - 2016 Reporting

Obligation(s) [Water Framework Directive - River Basin Management Plans - 2016 Reporting](#)

Envelopes and subcollections

-  [1. RBMP, PoM and background documents](#)
-  [2. National spatial data](#)
-  [3. National RBDSUCA](#)
-  [4. River Basin Districts](#)

POROČANJE v WISE

NAČRTI UPRAVLJANJA VODA 2016

Overview History Data quality

20180801 Zip envelope

Description

Obligations [Water Framework Directive - River Basin Management Plans - 2016 Spatial data](#)

Period 2012 to 2016

Coverage Slovenia

Reported 31 Aug 2018 14:50

Status Envelope is complete

Note

If you want to stay updated about events in this envelope [Subscribe to receive notifications](#) for this country and the current dataflow(s).

Files in this envelope

1	GroundWaterBody_SI_20180801.gml		01 Aug 2018	2.79 MB
2	GroundWaterBody_SI_20180801.xml	GroundWaterBody_SI_20180801.xml	01 Aug 2018	10.8 KB
3	MonitoringSite_SI_20180801.gml		03 Aug 2018	1.07 MB
4	MonitoringSite_SI_20180801.xml		03 Aug 2018	11.1 KB
5	ProtectedArea_SI_20180801.gml		03 Aug 2018	8.88 MB
6	ProtectedArea_SI_20180801.xml	ProtectedArea_SI_20180801.xml	01 Aug 2018	9.71 KB
7	RiverBasinDistrict_SI_20180801.gml		01 Aug 2018	1.63 MB
8	RiverBasinDistrict_SI_20180801.xml	RiverBasinDistrict_SI_20180801.xml	01 Aug 2018	10.2 KB
9	SubUnit_SI_20180801.gml		01 Aug 2018	1.63 MB
10	SubUnit_SI_20180801.xml	SubUnit_SI_20180801.xml	01 Aug 2018	10.5 KB
11	SurfaceWaterBody_SI_20180801.gml		01 Aug 2018	590 KB
12	SurfaceWaterBody_SI_20180801.xml	SurfaceWaterBody_SI_20180801.xml	01 Aug 2018	11.5 KB
13	SurfaceWaterBodyLine_SI_20180801.gml		03 Aug 2018	7.30 MB
14	SurfaceWaterBodyLine_SI_20180801.xml		03 Aug 2018	11.2 KB

Feedback for this envelope

- Final Feedback (Posted on 13 Sep 2018 for the 31 Aug 2018 release)
- AutomaticQA result for file [GroundWaterBody_SI_20180801.gml: GroundWaterBody FME QA process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [GroundWaterBody_SI_20180801.gml: GroundWaterBody FME validation spatial process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [GroundWaterBody_SI_20180801.gml: Registry validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [GroundWaterBody_SI_20180801.gml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [GroundWaterBody_SI_20180801.xml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [MonitoringSite_SI_20180801.gml: MonitoringSite FME QA process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [MonitoringSite_SI_20180801.gml: MonitoringSite FME validation spatial process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [MonitoringSite_SI_20180801.gml: Registry check](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [MonitoringSite_SI_20180801.gml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [MonitoringSite_SI_20180801.xml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [ProtectedArea_SI_20180801.gml: ProtectedArea FME QA process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [ProtectedArea_SI_20180801.gml: ProtectedArea FME validation spatial process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [ProtectedArea_SI_20180801.gml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [ProtectedArea_SI_20180801.xml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [RiverBasinDistrict_SI_20180801.gml: Registry validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [RiverBasinDistrict_SI_20180801.gml: RiverBasinDistrict FME QA process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [RiverBasinDistrict_SI_20180801.gml: RiverBasinDistrict FME validation spatial process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [RiverBasinDistrict_SI_20180801.gml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [RiverBasinDistrict_SI_20180801.xml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)

(Next 20) of 40 feedbacks

Feedback for this envelope

- AutomaticQA result for file [SubUnit_SI_20180801.gml: Registry validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SubUnit_SI_20180801.gml: SubUnit FME QA process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SubUnit_SI_20180801.gml: SubUnit FME validation spatial process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SubUnit_SI_20180801.gml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SubUnit_SI_20180801.xml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBodyLine_SI_20180801.gml: Registry validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBodyLine_SI_20180801.gml: SurfaceWaterBodyLine FME QA process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBodyLine_SI_20180801.gml: SurfaceWaterBodyLine FME validation spatial process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBodyLine_SI_20180801.gml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBodyLine_SI_20180801.xml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBody_SI_20180801.gml: Registry validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBody_SI_20180801.gml: SurfaceWaterBody FME QA process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBody_SI_20180801.gml: SurfaceWaterBody FME validation spatial process](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBody_SI_20180801.gml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for file [SurfaceWaterBody_SI_20180801.xml: XML Schema validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for: [Crosscheck validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for: [Registry validation](#) (Posted automatically on 31 Aug 2018)
- AutomaticQA result for: [Spatial crosscheck validation](#) (Posted automatically on 31 Aug 2018)
- Confirmation of receipt (Posted automatically on 31 Aug 2018)
- Technically accepted (Posted automatically on 13 Sep 2018)

(Previous 20) of 40 feedbacks

WFD RBMP 2016 – WISE& INSPIRE

Območja upravljanja/zaprta območja/regulirana območja in poročevalske enote (INSPIRE AM)

- Vodna območja (River Basin Districts)
- Podobmočja (Sub-units)
- Vodna telesa površinskih voda (Surface Water Bodies)
- Vodna telesa podzemnih voda (Groundwater Bodies)
- Zavarovana območja (Protected Areas)

Naprave in objekti za monitoring okolja (INSPIRE EF)

- Monitoring mesta (Monitoring Sites)

WFD RBMP 2016 – WISE& INSPIRE

INSPIRE METADATA – xml

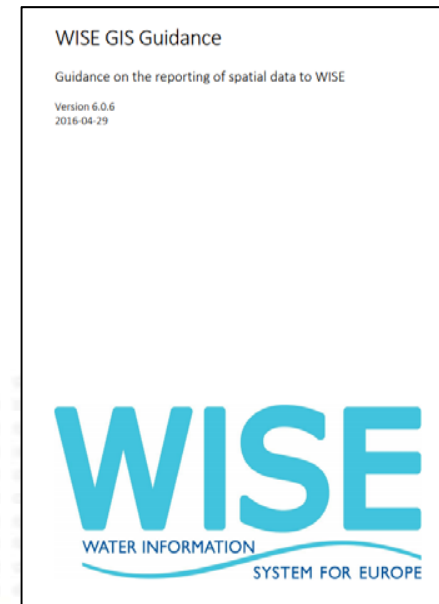
INSPIRE AM - gml

INSPIRE EF - gml

Prilagojena,

NI! popolnoma INSPIRE skladna oblika:

- sploščeno
- kompleksni podatkovni elementi – razdeljeni
- omejen tip geometrije, 2D,... (prilagojeno .shp)
- namesto „voidable“ uporabljen koncept „pogojno“



http://cdr.eionet.europa.eu/help/WFD/WFD_521_2016/GISGuidance/WISE_GISGuidance.pdf

WFD RBMP 2016 – WISE& INSPIRE

Območja upravljanja/zaprta območja/regulirana območja in poročevalske enote (INSPIRE AM)

- Izpuščeno:
 - **EnvironmentalDomain** = voda
 - **CompetentAuthority** - n.a.
 - **LegalBasis** – samo pri zavarovanih območjih
- Dodano, prilagojeno:
 - predhodnik/ naslednik (kot v temi INSPIRE Statistical units)
 - **wiseEvolutionType** (prilagojen po INSPIRE SU)
 - Prilagojen **zoneType** in **specializedZoneType**
 - Natančnejša opredelitev koncepta **relatedZone** na določene relacije
 - **sizeValue, sizeUom, meanDepth, horizons, link**

WFD RBMP 2016 – WISE& INSPIRE

Naprave in objekti za monitoring okolja (INSPIRE EF)

- Izpuščeno, prilagojeno:
 - Ni zahtevan measurementRegime
 - omejen **observingCapability** – samo **featureOfInterest**
 - samo splošen **ActivityPeriod**
 - omejena uporaba **relatedTo samo** za povezavo med istimi MM v različnih shemah (euMonitoringSiteCode – eionetMonitoringSiteCode)
 - **mediaMonitored** (Biota, Water, Sediment)
 - **Purpose** (PurposeOfCollection code list)
- Dodano
 - **catchmentArea, maximumDepth, confidentialityStatus, link**

WFD RBMP 2016 – WISE& INSPIRE

- Največji izzivi:
 - Enolični ID
 - Imenski prostor
 - Življenjski cikel

MonitoringSite

inspireId	localId	inspireIdNamespace	inspireIdVersionId	thematicId	Identifier	beginLifespanVersion	endLifespanVersion	supersedesIdentifier	supersededByIdentifier	wiseEvolutionType	nameTextInternational	nameText	nameLanguage	operationalActivityPeriodBegin	operationalActivityPeriodEnd
SI01010				eu.MonitoringSiteCode.SI01010		2016-10-20		eu.MonitoringSiteCode.SI1010_GWB		changeCode	MURSKI PETROVCI (3552)	MURSKI PETROVCI (3552)	slv	1990	9999
SI01015				eu.MonitoringSiteCode.SI01015		2016-10-20		eu.MonitoringSiteCode.SI1015		changeCode	RANKOVCI (3370)	RANKOVCI (3370)	slv	1952	9999
SI01025				eu.MonitoringSiteCode.SI01025		2016-10-20		eu.MonitoringSiteCode.SI1025		changeCode	KROG (2932)	KROG (2932)	slv	1990	9999
SI01035				eu.MonitoringSiteCode.SI01035		2016-10-20		eu.MonitoringSiteCode.SI1035		changeCode	BAKOVCI (2630)	BAKOVCI (2630)	slv	1981	9999
SI01040				eu.MonitoringSiteCode.SI01040		2016-10-20		eu.MonitoringSiteCode.SI1040		changeCode	LIPOVCI (2270)	LIPOVCI (2270)	slv	1952	9999
SI01045				eu.MonitoringSiteCode.SI01045		2016-10-20		eu.MonitoringSiteCode.SI1045		changeCode	RENKOVCI (850)	RENKOVCI (850)	slv	1952	9999
SI01055				eu.MonitoringSiteCode.SI01055		2016-10-20		eu.MonitoringSiteCode.SI1055		changeCode	BREZOVICA (970)	BREZOVICA (970)	slv	1979	9999
SI01065				eu.MonitoringSiteCode.SI01065		2016-10-20		eu.MonitoringSiteCode.SI1065		changeCode	MELINCI (2000)	MELINCI (2000)	slv	1962	9999
SI01075				eu.MonitoringSiteCode.SI01075		2016-10-20		eu.MonitoringSiteCode.SI1075		changeCode	RADMOANCI (411)	RADMOANCI (411)	slv	1979	9999
SI01085				eu.MonitoringSiteCode.SI01085		2016-10-20				creation	KAPCA (473)	KAPCA (473)	slv	1991	9999
SI01090				eu.MonitoringSiteCode.SI01090		2016-10-20		eu.MonitoringSiteCode.SI1090		changeCode	GORNJI LAKO (271)	GORNJI LAKO (271)	slv	1952	9999
SI01095				eu.MonitoringSiteCode.SI01095		2016-10-20		eu.MonitoringSiteCode.SI1095		changeCode	BENICA (111)	BENICA (111)	slv	1990	9999
SI05011				eu.MonitoringSiteCode.SI05011		2016-10-20		eu.MonitoringSiteCode.SI15011		changeCode	BUNANI (611)	BUNANI (611)	slv	2002	9999
SI05030				eu.MonitoringSiteCode.SI05030		2016-10-20		eu.MonitoringSiteCode.SI15030		changeCode	KLJUAROVCI (540)	KLJUAROVCI (540)	slv	1954	9999
SI05050				eu.MonitoringSiteCode.SI05050		2016-10-20		eu.MonitoringSiteCode.SI15050		changeCode	ZGORNJE KRAPIE (400)	ZGORNJE KRAPIE (400)	slv	1954	9999
SI05080				eu.MonitoringSiteCode.SI05080		2016-10-20		eu.MonitoringSiteCode.SI15080		changeCode	VEICA (120)	VEICA (120)	slv	1954	9999
SI05081				eu.MonitoringSiteCode.SI05081		2016-10-20				creation	VEICA (VE-2.09)	VEICA (VE-2.09)	slv	2011	9999

WFD RBMP 2016 – WISE& INSPIRE

- Največji izzivi:
 - Enolični ID
 - Imenski prostor
 - Življenjski cikel
- WISE SoE
- WISE Bathing Waters
- WISE Drinking Waters
- WISE Flood Risk Management Plans
- NATURA 2000
- ...