

WISE

spatial data

Agenda

1. Overview of the **products** using the WISE spatial data dets
2. Structure of the WISE spatial data **model**
3. Overview of the **reporting process**

WISE **spatial** **data products** and where to find them

WISE Spatial Data Products

1

- The information report to WISE is used to create **European data sets**.
- Different products are available:
 - Downloadable data sets.
 - Online map services.
 - Derived products, such as map viewers and dashboards.
- The **National data sets** can be accessed in CDR or in a restricted area.
 - Only authorised users have access to national data sets.

Water Framework Directive data sets in the EEA site

1.1

European Environment Agency

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EN Search

Data and maps > Datasets > WISE WFD reference spatial ...

DATA

WISE WFD reference spatial data sets

The Water Framework Directive (WFD) reference spatial data sets include information about European river basin districts, river basin district sub-units, surface water bodies, groundwater bodies and monitoring sites used in the first and second River Basin Management Plans (RBMP). The data sets are part of the Water Information System for Europe (WISE), and compile information reported by the EU Member States, Norway, Iceland and the United Kingdom to the European Commission (EC) and the European Environment Agency (EEA) since 2010.

Prod-ID: DAT-30-en Created 17 Apr 2020 — Published 20 Apr 2020 — Last modified 20 Apr 2020 — 2 min read

Data and maps

- Global search
- Dashboards
- Datasets
- Interactive data viewers
- External datasets catalogue
- WISE WFD reference spatial data sets**

Scroll down...

Water Framework Directive data sets in the EEA site

1.1

European data Metadata

Data download

The WISE WFD Spatial data is published in two formats: Shapefile and OGC Geopackage (SQLite) format. The files contain information for the RiverBasinDistrict, SubUnit, SurfaceWaterBody, GroundWaterBody and MonitoringSite spatial data sets, for both 2010 and 2016.

- **WISE WFD Reference Spatial Datasets reported under Water Framework Directive 2010 - PUBLIC VERSION - version 1.4, Apr. 2020**
[Download file](#)
- **WISE WFD Reference Spatial Datasets reported under Water Framework Directive 2016 - PUBLIC VERSION - version 1.4, Apr. 2020**
[Download file](#)
- **WISE WFD Reference Spatial Datasets reported under Water Framework Directive 2010 - METADATA - version 1.4, Apr. 2020**
[Download file](#)
- **WISE WFD Reference Spatial Datasets reported under Water Framework Directive 2016 - METADATA - version 1.4, Apr. 2020**
[Download file](#)

Maps and graphs

Interactive maps

Indicators

Data providers and partners

European data centres

Data visualisations



1st River Basin Management Plans →

2nd RBMPs →

- The European data sets are published in two different formats:
 - Shapefiles
 - OCG Geopackage (SQLite)
- Only the public content is available for download.
 - For example, the location of confidential monitoring sites is not published.
 - The access constraints set by the Data Providers are published with the data set.
- The current frequency of publication is annual (if updated data exists).

Key messages

1.1

- All the data is published.
 - Except monitoring sites marked as confidential.
 - Except justified cases where Data Providers explicitly request it, and state it in the metadata that accompanies each national dataset (e.g. drinking water).
 - **It is important to provide accurate metadata when reporting the national data sets.** 
- The newer data is used to replace older data
 - If an identifier changes, the existing time series will be updated by EEA/ETC.
 - **It is important to provide accurate life-cycle information, e.g. about changes in the identifiers.** 

This is be illustrated later on.

Protected Areas under WFD

1.2

- The **Protected Areas under WFD** are the drinking water protected areas, designated waters such as fish protected areas and shellfish protected areas, nitrates vulnerable zones, urban waste water sensitive areas and **bathing water** protected areas.
- Only the drinking water protected areas and the designated waters are reported in the WFD data flows.
- The other Protected Areas have specific data flows, and are not reported again under WFD.

WISE WFD protected areas spatial data sets


DATA

WISE WFD protected area spatial data sets

The Water Framework Directive (WFD) protected area data sets include information about European drinking water protected areas, designated waters such as fish protected areas and shellfish protected areas, nitrates vulnerable zones, urban waste water sensitive areas and bathing water protected areas. The protected areas are part of the Water Framework Directive register of protected areas and were reported in second River Basin Management Plans (RBMP) or under other related reporting obligations. The data sets are part of the Water Information System for Europe (WISE), and compile information reported by the EU Member States, Iceland, Norway and Switzerland to the European Commission (EC) and the European Environment Agency (EEA).

Prod-ID: DAT-221-en Created 08 Dec 2020 — Published 08 Dec 2020 — Last modified 14 Dec 2020 — 2 min read

Scroll down...



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[Dashboards](#)

[Datasets](#)

[Interactive data viewers](#)

[External datasets catalogue](#)

WISE WFD protected area spatial data sets

[Data download](#)

[Maps and graphs](#)

WISE WFD protected areas spatial data sets

European data Metadata

Data download

The WISE WFD protected area data is published in two formats: Shapefile and OGC Geopackage (SQLite) format. The files contain information about drinking water protected areas, designated waters such as fish protected areas and shellfish protected areas, nitrates vulnerable zones, urban waste water sensitive areas and bathing water protected areas.

- **WISE WFD Protected Area under the Water Framework Directive 2016 - PUBLIC VERSION - version 2.0, Dec. 2020**
[Download file](#)
- **WISE WFD Protected Area under the Water Framework Directive 2016 - METADATA - version 2.0, Dec. 2020**
[Download file](#)

Link to the metadata catalog →

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Data visualisations

↑

WISE WFD protected areas metadata

 EEA geospatial data catalogue

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Download

Display mode

 **WISE WFD Protected Areas under the Water Framework Directive 2016 - PUBLIC VERSION - version 2.0, Dec. 2020**

The data set contains the location of areas which have been designated as requiring special protection of their surface water and groundwater, or for the conservation of habitats and species directly depending on water, including economically significant aquatic species (e.g. shellfish).

According to the Article 6 of the Water Framework Directive (WFD, Directive 2000/60/EC), Member States shall ensure the establishment of a register of all areas lying within each River Basin District which have been designated as requiring special protection under specific Community legislation for the protection of their surface water and groundwater, or for the conservation of habitats and species directly depending on water, including the protection of Natura 2000 sites and economically significant aquatic species (e.g. shellfish).

According to Annex IV of the Water Framework Directive, the register shall include the following types of protected areas:

- (i) areas designated for the abstraction of water intended for human consumption under WFD Article 7;
- (ii) areas designated for the protection of economically significant aquatic species;

Overview



Powered by GeoNetwork 4.0.2.0

About


Github

API

WISE WFD protected areas web services

FTPS


<https://sdi.eea.europa.eu/webdav/continental/europe/v>

 **WMS**

This dataset is published in the view service (WMS) available at

https://water.discomap.eea.europa.eu/arcgis/services/WISE_WFD/WFD2016_ProtectedArea_WM/MapServer/WMS/Server?request=GetCapabilities&service=WMS with layer name .


Add to map

 **ESRI:REST**

ESRI REST service

https://water.discomap.eea.europa.eu/arcgis/rest/services/WISE_WFD/WFD2016_ProtectedArea_WM/MapServer.

Add to map



Bathing water quality in Europe - Web Services


Bathing water quality in Europe - Web Services

https://water.discomap.eea.europa.eu/arcgis/services/BathingWater/BathingWater_Dyna_WM/MapServer/WMS/Server?request=GetCapabilities&service=WMS


Open link

Updated:


23 days ago

 Similar records


WISE WFD Protected Areas under the Water Framework Directive 2016 - INTERNAL VERSION - version 2.0, Dec. 2020




WISE WFD Protected Areas under the Water Framework Directive 2016 - PUBLIC VERSION - version 1.0, Oct. 2019



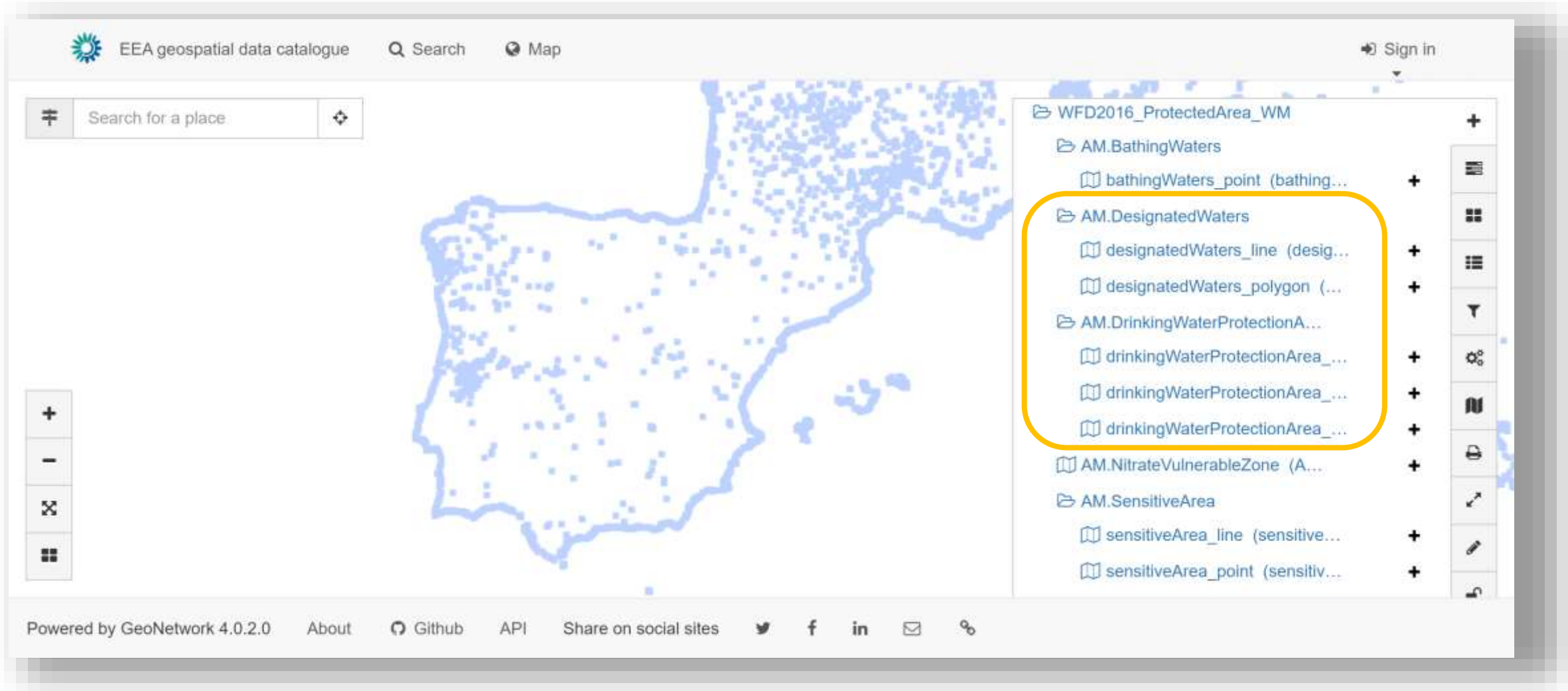
WISE WFD Protected Areas under the Water Framework Directive 2016 - INTERNAL VERSION - version 1.0, Oct. 2019



Associated resources

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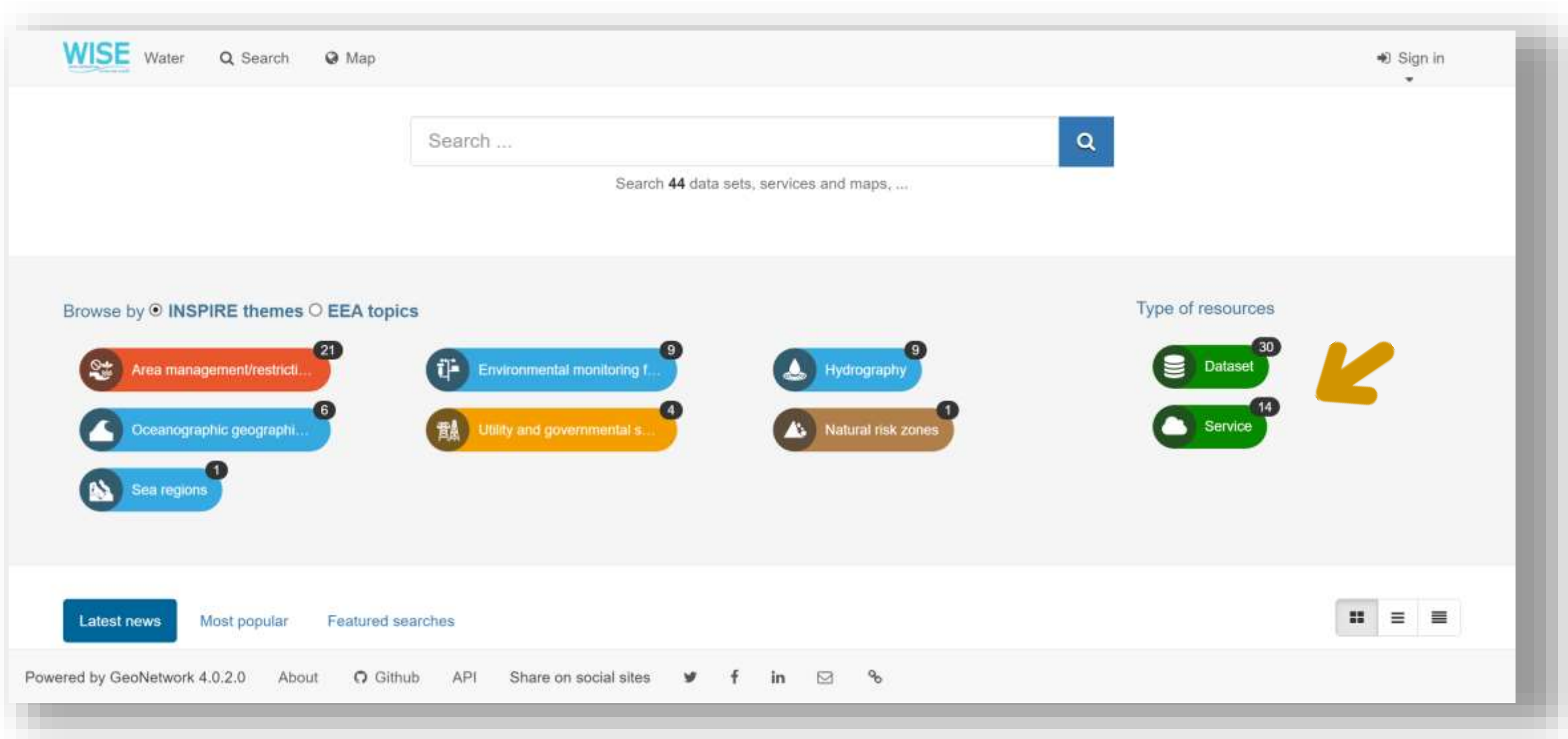
Example showing bathing waters (that are reported under the BWD data flow)



<https://sdi.eea.europa.eu/catalogue/srv/eng/catalog.search#/map>

Access to online services using the metadata catalog

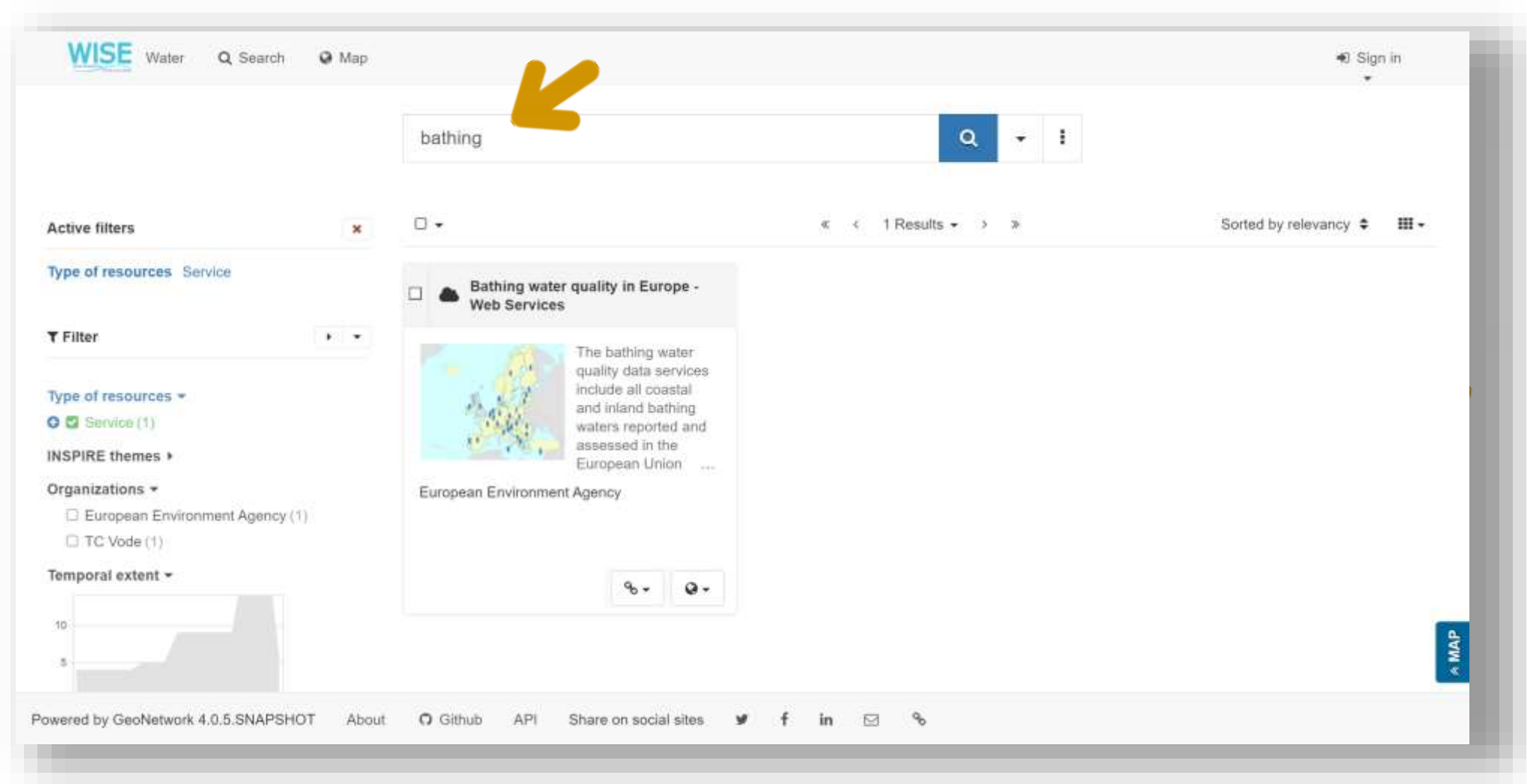
1.2



<https://sdi.eea.europa.eu/catalogue/water/eng/catalog.search#/home>



Metadata catalog


1.2






<https://sdi.eea.europa.eu/catalogue/water/eng/catalog.search#/home>

Metadata fiche

 Water 

 Back to search

 Download  Display mode

 **Bathing water quality in Europe - Web Services**

The bathing water quality data services include all coastal and inland bathing waters reported and assessed in the European Union Member States, Albania, Switzerland and the United Kingdom.

The data is reported annually in the scope of the Bathing Water Directive (Directive 2006/7/EC of the European Parliament and of the Council of 15 February 2006, BWD) reporting obligations.

The map services in <https://water.discomap.eea.europa.eu/arcgis/rest/services/BathingWater> show the location of the bathing waters and the assessment of bathing water quality for the last reported bathing season, as well as for the ten previous bathing seasons.

Each bathing water is assessed for three statuses:

- 1) monitoring calendar status,
- 2) management status,
- 3) bathing water quality status.


The monitoring calendar status evaluates the implementation of the monitoring calendar in the last reported season (as defined in Annex IV of the Bathing Water Directive).


The management status evaluates the management in the last assessment period, whether the bathing water was continuously monitored or not.


The bathing quality status evaluates the quality of bathing waters according to the two microbiological parameters: *Escherichia coli* and *Intestinal enterococci* (as defined in Annexes I and II of the Bathing Water Directive).


The bathing water quality is classified in one of four classes: "Excellent", "Good", "Sufficient" or "Poor".

The status "Not classified" is applied if there are not enough available samples to evaluate the water quality.

 Overview




 Spatial extent



Powered by GeoNetwork 4.0.5.SNAPSHOT

About


 Github

API

Scroll down...




Links to map services




WMS

This dataset is published in the view service (WMS) available at
https://water.discomap.eea.europa.eu/arcgis/services/BathingWater/BathingWater_Dyna_WM/MapServer/WMSServer?request=GetCapabilities&service=WMS.




ESRI REST

ESRI REST service
https://water.discomap.eea.europa.eu/arcgis/rest/services/BathingWater/BathingWater_Dyna_WM/MapServer.



State of bathing waters dashboard


Map shows bathing water locations and their quality for the latest as well as previous bathing seasons whereas all symbols are coloured according to achieved quality status in the most recent season. Data are presented on two levels: country (less detailed scales) and bathing water (more detailed scales). The interactive charts placed on the right side of the dashboard show the total number of bathing waters as well as bathing water quality results for the country which is currently selected on the country list.
<https://www.eea.europa.eu/data-and-maps/explore-interactive-maps/state-of-bathing-waters-in-2019>



Bathing Water Directive - Status of bathing water

The data set presents the latest information as reported by the Member States for the last reported bathing season, as well as some historical data since 1990.
<https://www.eea.europa.eu/data-and-maps/data/bathing-water-directive-status-of-bathing-water-12>


View online...



Add to map


Open link


Open link





Updated:
21 days ago


Similar records

WISE WFD river basin districts and sub-units reported under Water Framework Directive 2010 - Web Service

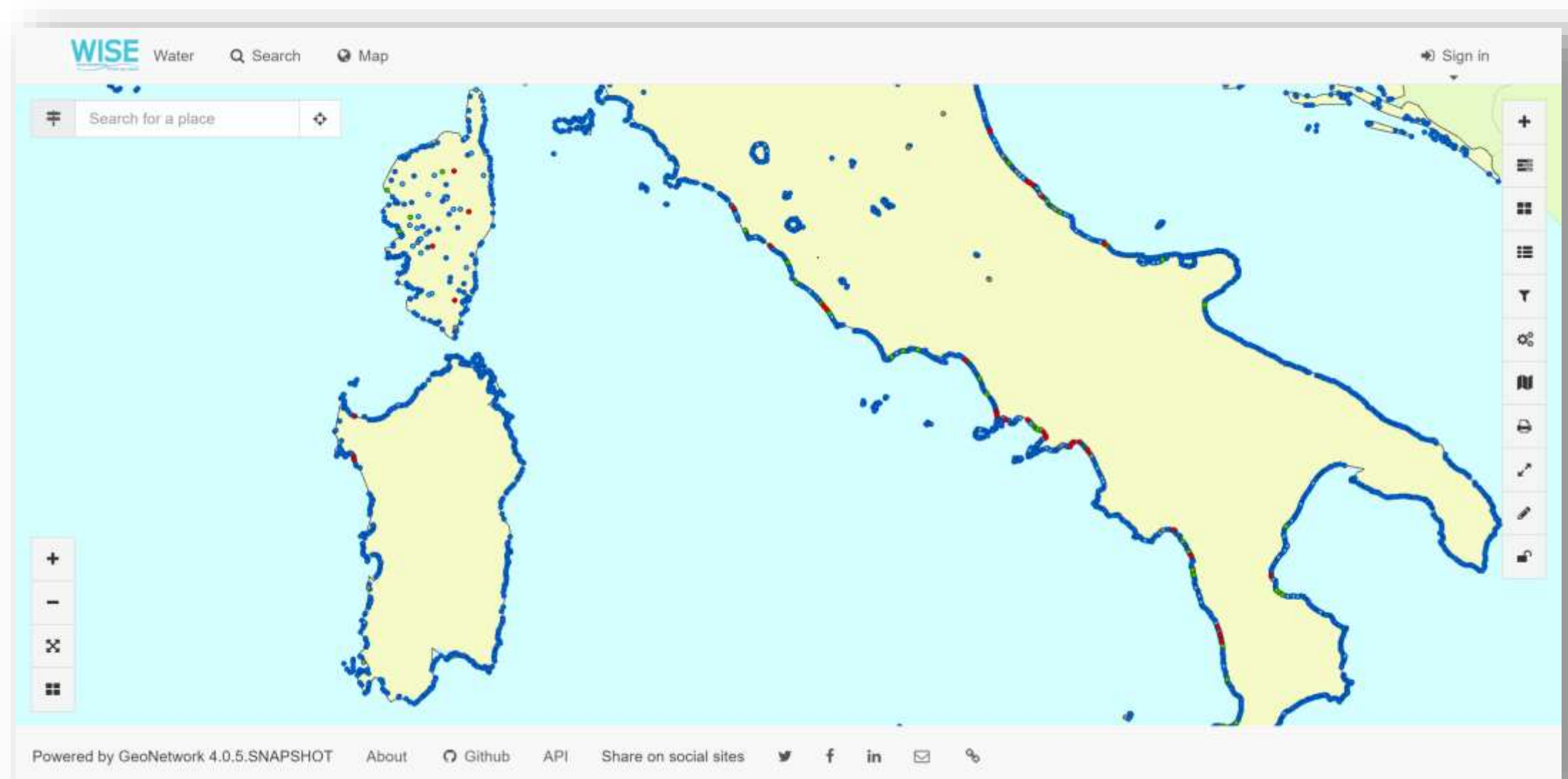
WISE WFD groundwater bodies reported under Water Framework Directive 2010 - Web Service

WISE WFD monitoring sites reported under Water Framework Directive 2010 - Web Service

WISE WFD Quality Elements status reported under Water Framework Directive 2016 - Web Service

Powered by GeoNetwork 4.0.5.SNAPSHOT About  Github API

Example with the bathing water service



Direct access to the online map services

1.2

For GIS users, a faster way is to go directly to the web map server, and use the service directly in the GIS software...

ArcGIS REST Services Directory [Login](#) | [Get Token](#)

[Home](#) > [services](#) > [BathingWater](#) [Help](#) | [API Reference](#)

[JSON](#) | [SOAP](#)

Folder: BathingWater

Current Version: 10.81

View Footprints In: [ArcGIS Online Map Viewer](#)

Services:

- [BathingWater/BathingWater_Dyna_WM_2015](#) (MapServer)
- [BathingWater/BathingWater_Dyna_WM_2016](#) (MapServer)
- [BathingWater/BathingWater_Dyna_WM_2017](#) (MapServer)
- [BathingWater/BathingWater_Dyna_WM_2018](#) (MapServer)
- [BathingWater/BathingWater_Dyna_WM_2019](#) (MapServer)
- [BathingWater/BathingWater_Dyna_WM_2020](#) (MapServer)

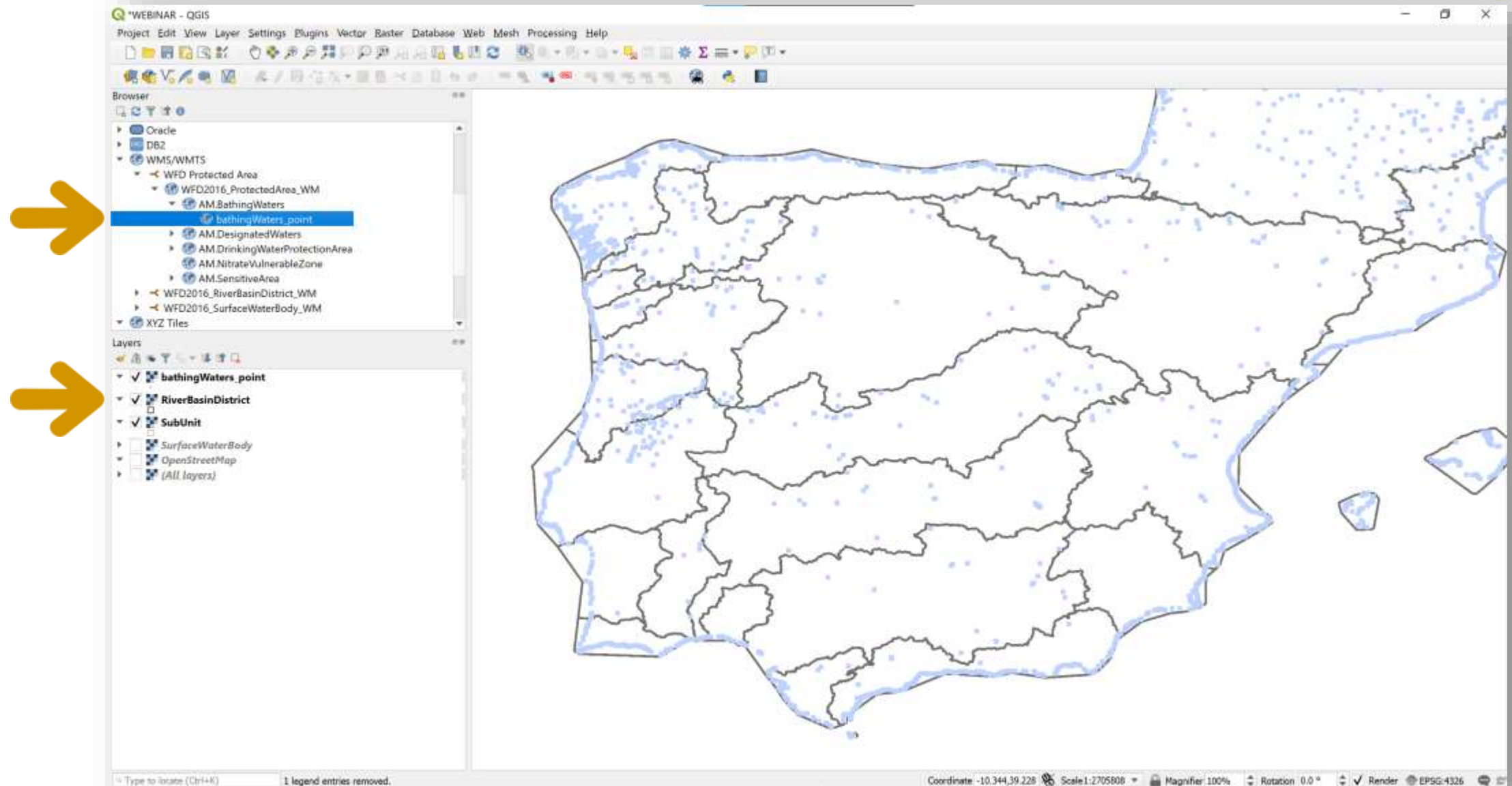
- [BathingWater/BathingWater_Dyna_WM](#) (MapServer)
- [BathingWater/BathingWater_TimeSlider_Dyna_WM](#) (MapServer)

Supported Interfaces: [REST](#) [SOAP](#) [Sitemap](#) [Geo Sitemap](#)

<https://water.discomap.eea.europa.eu/arcgis/rest/services/BathingWater>

Example in QGIS

1.2



Structure of the WISE spatial data model

and overview of changes since 2016

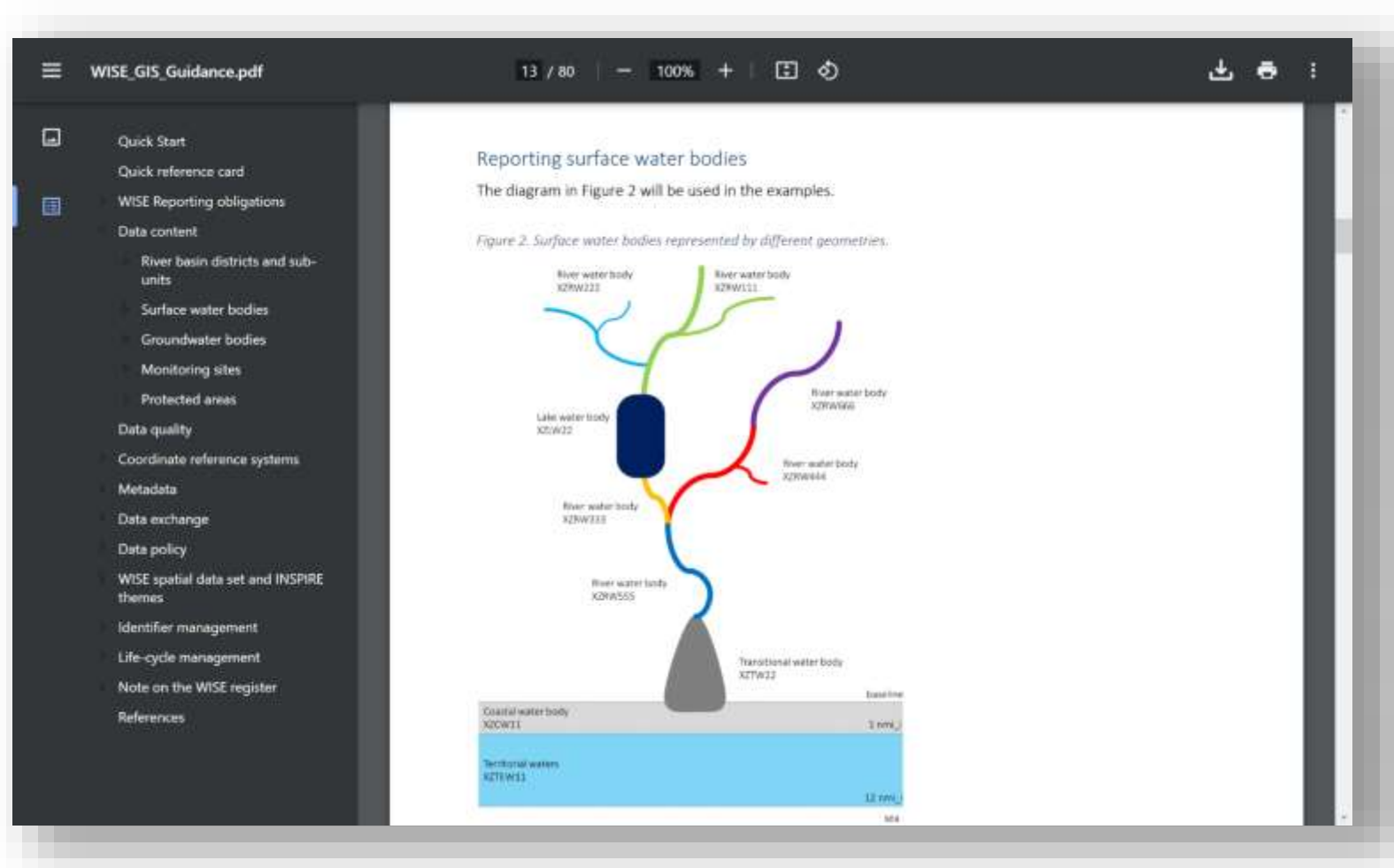
Data model

- The spatial data reported to WISE follows the same model
 - In the [WFD spatial data flow](#) (countries reporting under WFD)
 - In the [WISE-5 spatial data](#) (for other EIONET countries)
 - In the [bathing water data](#) flow.
- The content and frequency of the data flows is variable, but all the data is consolidated and must be reported only once.
 - Information from data flows that don't yet use the WISE spatial data model (e.g. Nitrates, UWWTD) also does not need to be reported again.

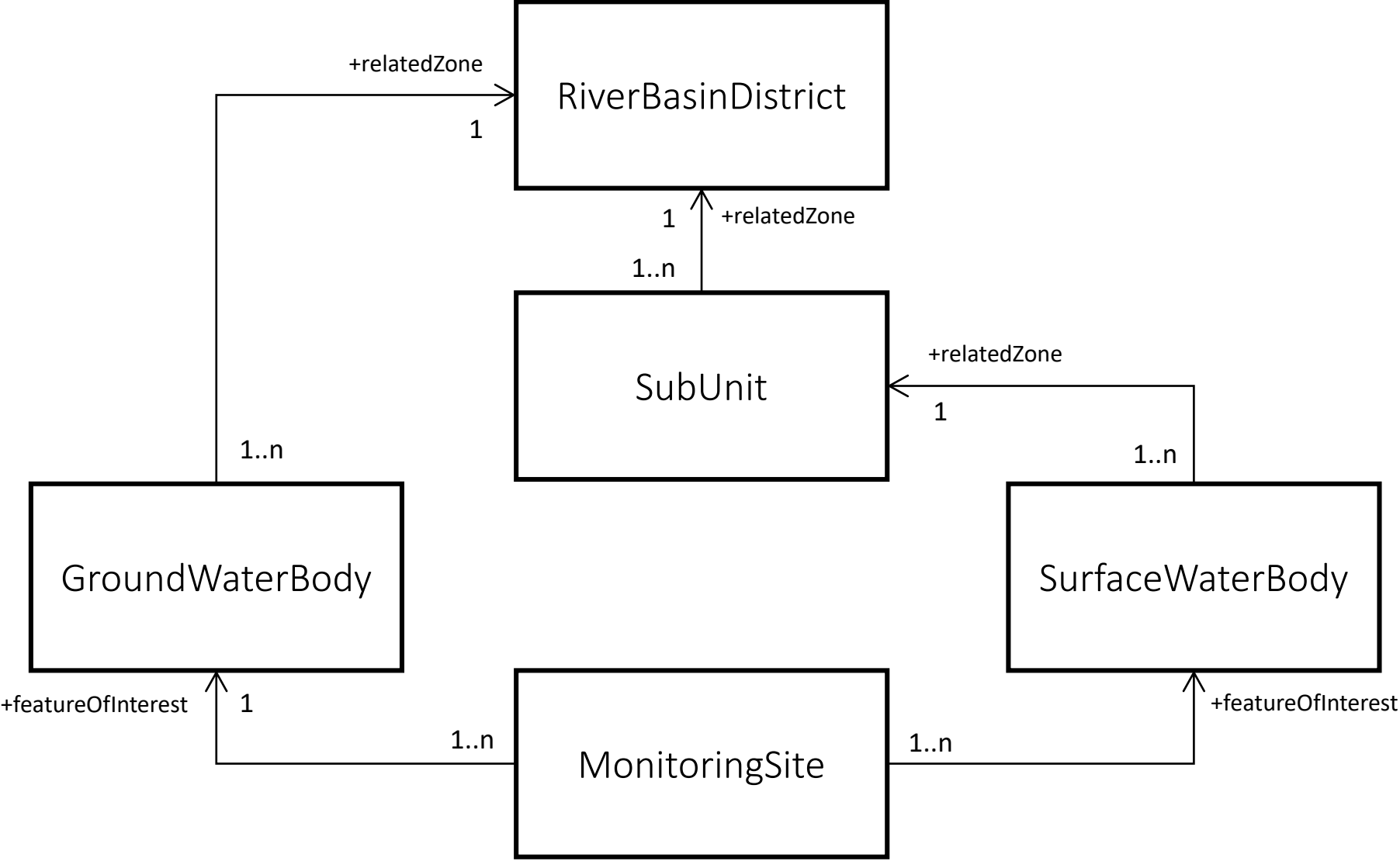
Data model

2

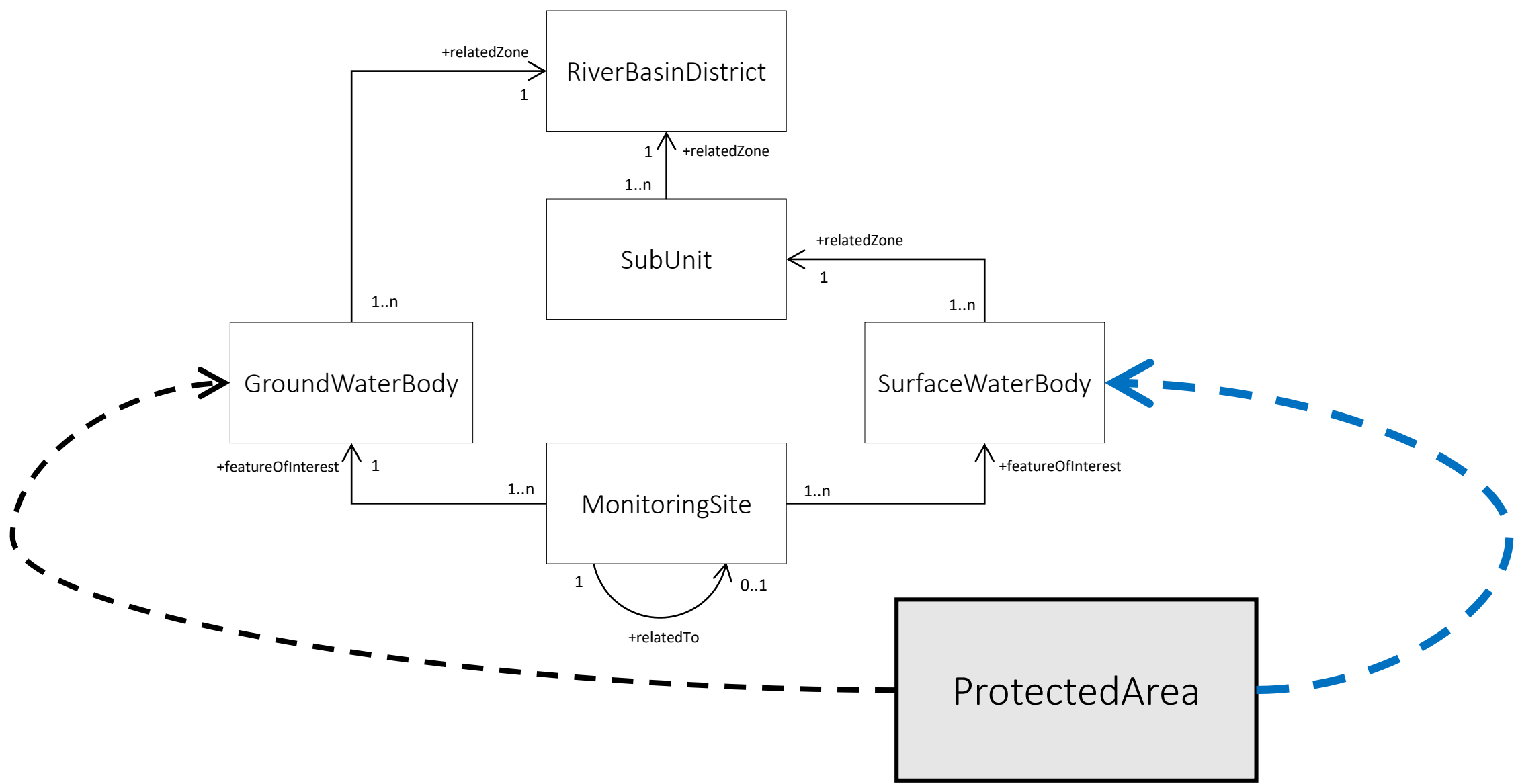
- The model is fully described in the [WISE GIS Guidance](https://cdr.eionet.europa.eu/help/WFD/WFD_780_2022/GISGuidance/WISE_GIS_Guidance.pdf).



relation between data sets

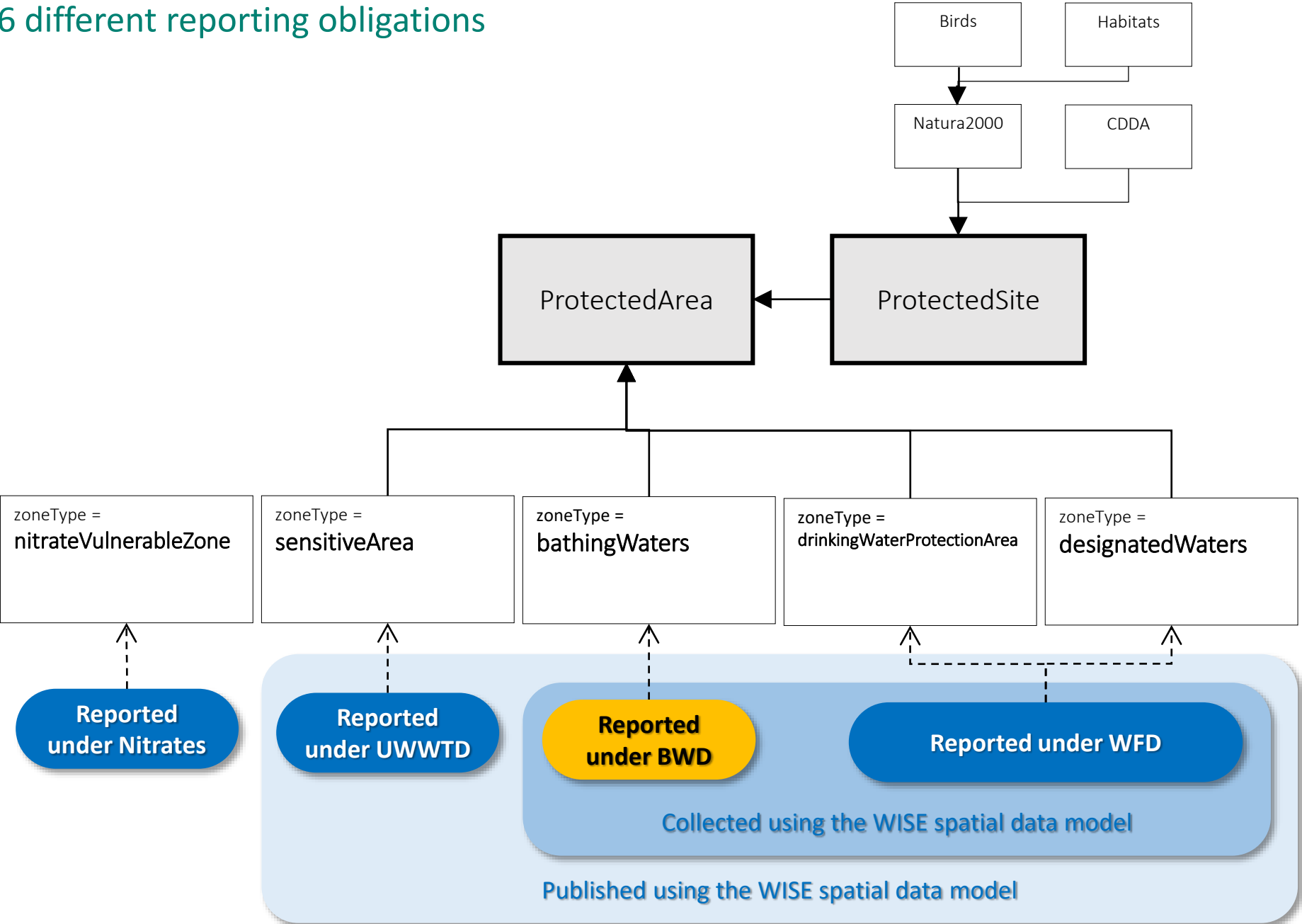


The Water Framework Directive **Protected Areas*** are also related to the WFD water bodies



* WFD Protected Areas are under the AM theme, not under the PS theme.

The WFD Protected Areas are reported under different 6 different reporting obligations



Areas of Management

The model is identical for all AM datasets

location data

the national INSPIRE identifier

relation to the thematic data (time series)

'creation', 'deletion', etc...

names

validity period

type

relation to a WFD water body

→

→

→

→

→

→

→

→

INSPIRE element	#	WISE GML data element	ProtectedAreaPoint	Shapefile field name
geometry	1	geometry	m	shape
inspireId	2	inspireIdLocalId	m	localId
	3	inspireIdNamespace	m	namespace
	4	inspireIdVersionId	c	versionId
thematicId	5	thematicIdIdentifier	m	thematicId
	6	thematicIdIdentifierScheme	m	themaldSch
beginLifespanVersion	9	beginLifespanVersion	c	beginLife
endLifespanVersion	10	endLifespanVersion	c	endLife
predecessors	11	predecessorsIdentifier	c	predecId
	12	predecessorsIdentifierScheme	c	predeldSch
sucessors	13	successorsIdentifier	c	successId
	14	successorsIdentifierScheme	c	succeldSch
evolutions	19	wiseEvolutionType	m	wEvolution
name	20	nameTextInternational	m	nameTxtInt
	21	nameText	m	nameText
	22	nameLanguage	m	nameTxtLan
designationPeriod	25	designationPeriodBegin	m	desigBegin
	26	designationPeriodEnd	c	desigEnd
zoneType	29	zoneType	m	zoneType
specialisedZoneType	30	specialisedZoneType	c	spZoneType
legalBasis	31	legalBasisName	m	legisName
	32	legalBasisLink	m	legisLink
	33	legalBasisLevel	m	legisLevel
relatedZone	34	relatedZoneIdentifier	o	rZoneId
	35	relatedZoneIdentifierScheme	o	rZoneIdSch
	49	sizeValue	o	sizeValue
	50	sizeUom	o	sizeUoM
	55	link	o	link

Legend:

m

Mandatory element, must be reported

c

Conditional element, must be reported under specific circumstances

o

Optional element, can be reported

How are INSPIRE complex data types stored in a flat GML file?

«dataType» Base Types::Identifier	
+ localId: CharacterString	
+ namespace: CharacterString	
«lifeCycleInfo, voidable»	
+ versionId: CharacterString [0..1]	



inspireId	2	inspireIdLocalId	m
	3	inspireIdNamespace	
	4	inspireIdVersionId	c
thematicId	5	thematicIdIdentifier	m
	6	thematicIdIdentifierScheme	

«dataType» Base Types 2::ThematicIdentifier	
+ identifier: CharacterString	
+ identifierScheme: CharacterString	





*The name is concatenated,
making easier to recognise each element.*

Why are there 2 different names for each element?

The spatial data can be prepared using shapefiles (a common GIS format).
The data delivery must be made in GML format (conversion tools are available in Reportnet).

*This is the “formal” name
of the element in the XML schema.
It must be used in the GML files.*

*This is the “short name”
of the element in shapefile format.
Shapefiles have a limitation of 10 characters.*



WISE GML data element	Shapefile field name
geometry	shape
inspireIdLocalId	localId
inspireIdNamespace	namespace
inspireIdVersionId	versionId
thematicIdIdentifier	thematicId
thematicIdIdentifierScheme	themaldSch
beginLifespanVersion	beginLife
endLifespanVersion	endLife

Must the shapefile format be used?

No.

Data Providers can create and deliver GML files (XML schemas are provided for each data set).

But reporters can also use shapefiles, if they prefer to work in that format.

Empty “template” shapefiles are provided for each data set, and also prefilled shapefiles with the latest information reported.

Shapefiles must be converted to GML when uploading to Reportnet.



Reporting the spatial data

Reporting the spatial data in CDR

- Data delivery takes place in Reportnet Central Data Repository (CDR)

The screenshot shows the EIONET Central Data Repository (CDR) website. The header includes the European Environment Agency logo and the EIONET Central Data Repository title. The main content area is divided into several sections:

- Services:** Includes links for Search by obligation, Search XML files, Search for feedback, Global worklist, Notifications, and Help.
- Account Services:** Includes a link for 'I have lost my password'.
- Note:** A message about subscribing to receive notifications.
- Your password:** A message about the password expiration policy.
- EEA Member countries:** A list of countries including Austria, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, and Turkey.
- Other countries and territories:** A list of countries including Albania, Andorra, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Georgia, Kazakhstan, Kosovo (UNSCR 1244/99), Kyrgyzstan, Moldova, Monaco, Montenegro, North Macedonia, Russia, Serbia, Tajikistan, Turkmenistan, Ukraine, United Kingdom (Gibraltar), and Uzbekistan.
- International organisations:** A list of organisations including European Red List of birds and European Union.

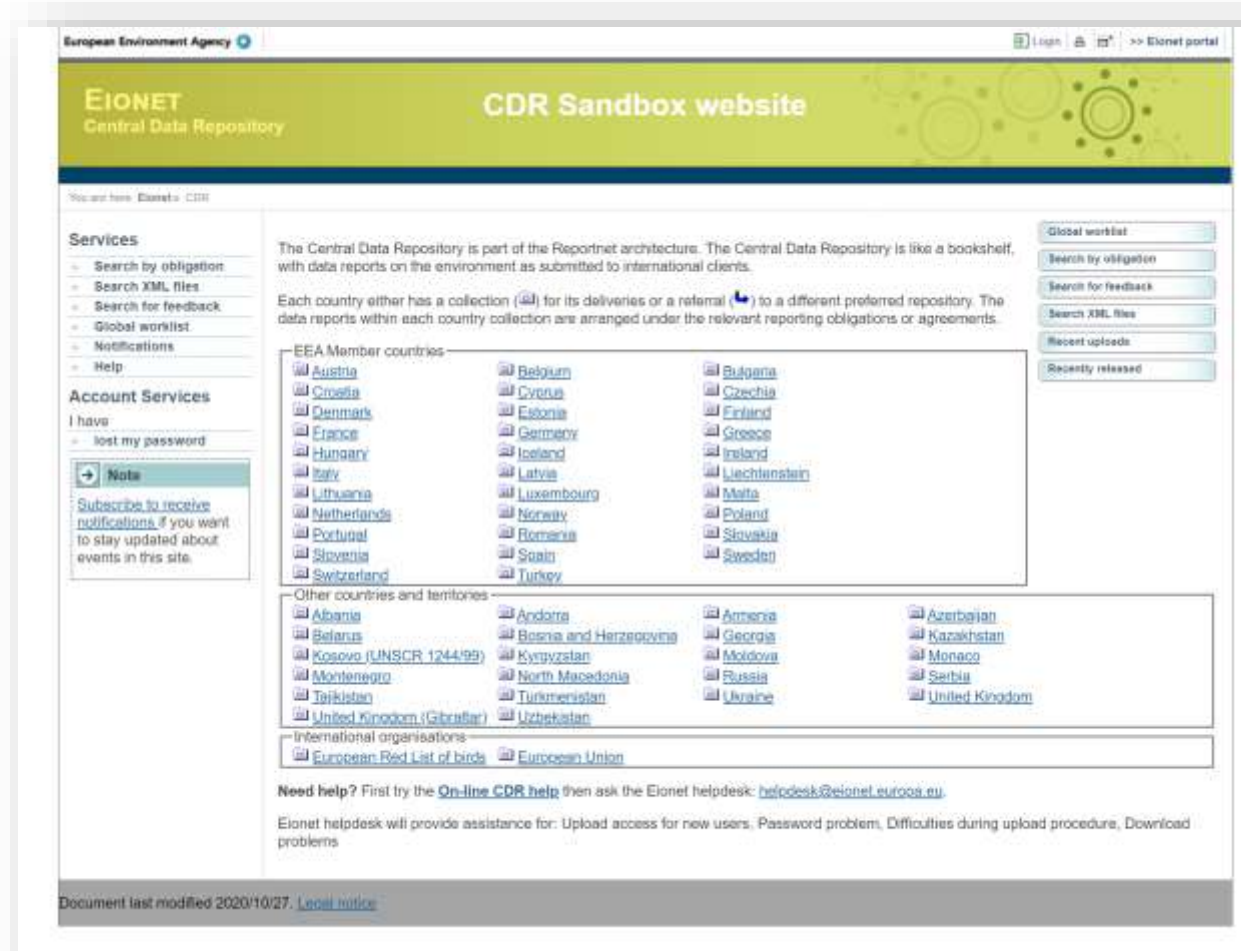
On the right side, there is a sidebar with links for Global worklist, Search by obligation, Search for feedback, Search XML files, Recent uploads, and Recently released.

At the bottom, there is a 'Need help?' section with a link to the On-line CDR help and a link to the Eionet helpdesk. Below this, it states: 'Eionet helpdesk will provide assistance for: Upload access for new users, Password problem, Difficulties during upload procedure, Download problems'.

Testing and training in CDRSandbox

1

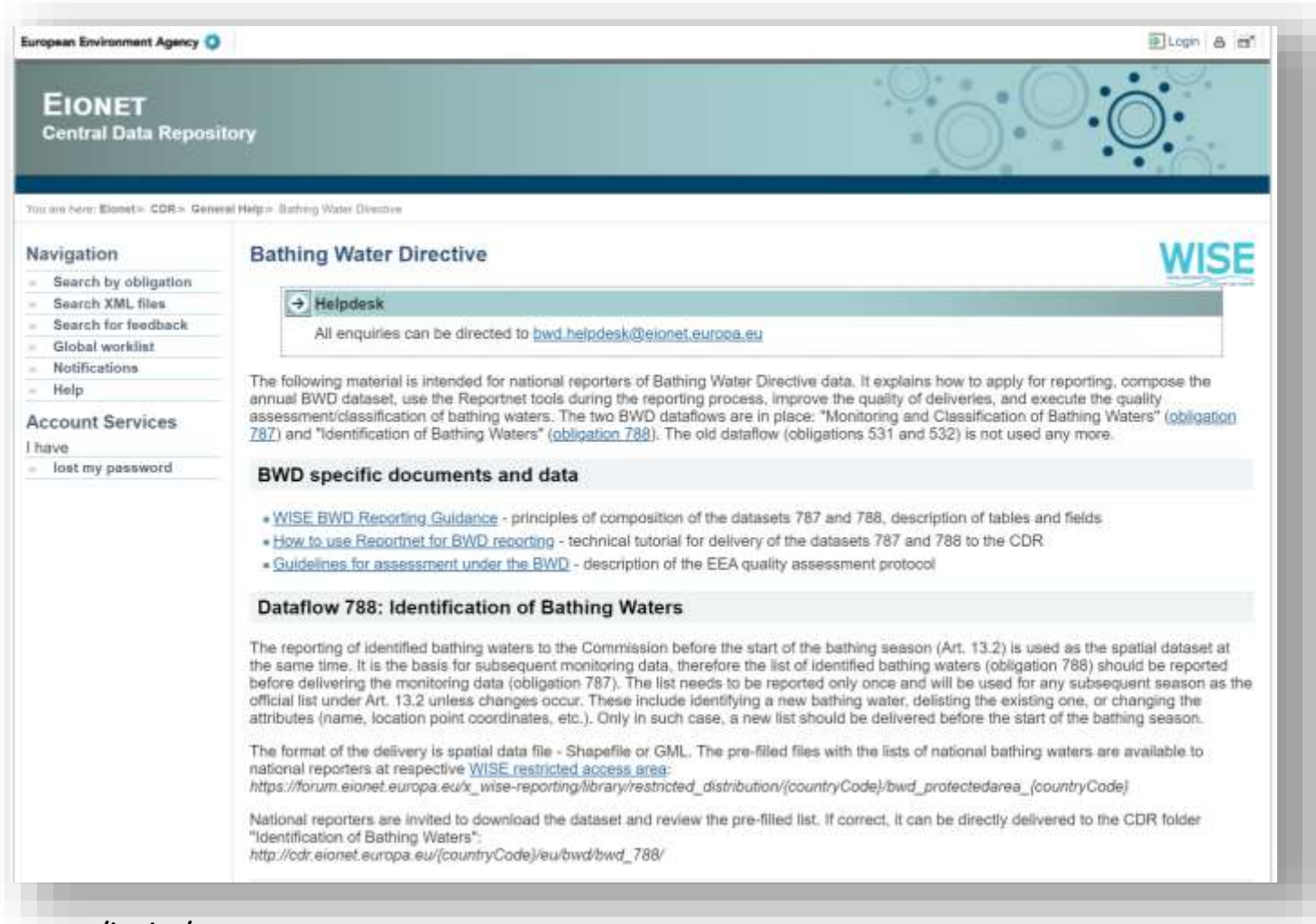
- CDRSandbox is an open testing area. Anyone can use it.



- The Central Data Repository is the official repository.
- Use <https://cdr.eionet.europa.eu/> to make the official data delivery.
 - You will need valid EIONET credentials.
 - You will need to be an authorised national data reporter for the reporting obligation.
- Use <https://cdrsandbox.eionet.europa.eu/> if you want to perform tests.
 - You may login with the credentials **datareporter/datareporter**.
 - Remember that CDRSandbox is an open access platform: to not upload confidential data.
- The delivery process is identical in both platforms.

Always start in the help page...

- All the documentation is available in the [help pages](#).



The screenshot shows the EIONET Central Data Repository website. The header includes the European Environment Agency logo and the EIONET Central Data Repository title. A breadcrumb trail indicates the current location: You are here: Eionet > CDR > General Help > Bathing Water Directive. The left sidebar contains a 'Navigation' menu with links to 'Search by obligation', 'Search XML files', 'Search for feedback', 'Global worklist', 'Notifications', and 'Help'. Below this is an 'Account Services' section with links for 'I have' and 'lost my password'. The main content area is titled 'Bathing Water Directive' and features a 'Helpdesk' section with the email bwd_helpdesk@eionet.europa.eu. Below the helpdesk, there is a section for 'BWD specific documents and data' with links to 'WISE BWD Reporting Guidance', 'How to use Reportnet for BWD reporting', and 'Guidelines for assessment under the BWD'. The 'Dataflow 788: Identification of Bathing Waters' section provides detailed information about reporting requirements, including the need to report identified bathing waters before the start of the bathing season and the format of the delivery (Shapefile or GML). A yellow arrow points from the text 'Information specific to the BWD reporting' to the 'Dataflow 788' section.

European Environment Agency

EIONET
Central Data Repository

You are here: Eionet > CDR > General Help > Bathing Water Directive

Navigation

- Search by obligation
- Search XML files
- Search for feedback
- Global worklist
- Notifications
- Help

Account Services

I have

- lost my password

Bathing Water Directive

Helpdesk

All enquiries can be directed to bwd_helpdesk@eionet.europa.eu

The following material is intended for national reporters of Bathing Water Directive data. It explains how to apply for reporting, compose the annual BWD dataset, use the Reportnet tools during the reporting process, improve the quality of deliveries, and execute the quality assessment/classification of bathing waters. The two BWD dataflows are in place: "Monitoring and Classification of Bathing Waters" ([obligation 787](#)) and "Identification of Bathing Waters" ([obligation 788](#)). The old dataflow (obligations 531 and 532) is not used any more.

BWD specific documents and data

- [WISE BWD Reporting Guidance](#) - principles of composition of the datasets 787 and 788, description of tables and fields
- [How to use Reportnet for BWD reporting](#) - technical tutorial for delivery of the datasets 787 and 788 to the CDR
- [Guidelines for assessment under the BWD](#) - description of the EEA quality assessment protocol

Dataflow 788: Identification of Bathing Waters

The reporting of identified bathing waters to the Commission before the start of the bathing season (Art. 13.2) is used as the spatial dataset at the same time. It is the basis for subsequent monitoring data, therefore the list of identified bathing waters (obligation 788) should be reported before delivering the monitoring data (obligation 787). The list needs to be reported only once and will be used for any subsequent season as the official list under Art. 13.2 unless changes occur. These include identifying a new bathing water, delisting the existing one, or changing the attributes (name, location point coordinates, etc.). Only in such case, a new list should be delivered before the start of the bathing season.

The format of the delivery is spatial data file - Shapefile or GML. The pre-filled files with the lists of national bathing waters are available to national reporters at respective [WISE restricted access area](#):
https://forum.eionet.europa.eu/x_wise-reporting/library/restricted_distribution/{countryCode}/bwd_protectedarea_{countryCode}

National reporters are invited to download the dataset and review the pre-filled list. If correct, it can be directly delivered to the CDR folder "Identification of Bathing Waters":
http://cdr.eionet.europa.eu/{countryCode}/eu/bwd/bwd_788/



*Information
specific to the
BWD reporting*

Read the docs...

*Information generic
for all spatial data flows,
if you need the global picture*



European Environment Agency

EIONET
Central Data Repository

You are here: Eionet > CDR > General Help > Water Framework Directive > Water Framework Directive - River Basin Management Plans - 2022 Spatial data

Navigation

- Search by obligation
- Search XML files
- Search for feedback
- Global worklist
- Notifications
- Help

Account Services

I have

- lost my password

WISE Spatial Data reporting resources
Water Framework Directive - River Basin Management Plans - 2022 reporting

Helpdesk
All enquiries can be directed to wfd_helpdesk@eionet.europa.eu

Current version: 7.0.6

Guidance documents

- [WISE GIS Guidance v7.0.6](#) - Complete reporting guidance.
- [Protected Areas clarification note](#) - Clarification on how to report protected areas.
- [WISE Data Model v7.0.6 - Quick Reference Card](#) - Condensed description.
- [WISE Reportnet2 Guidance](#) - How to access prefilled files and convert shapefiles to GML.
- [QAQC Scripts](#) - Documentation for the QAQC and scripts that are executed

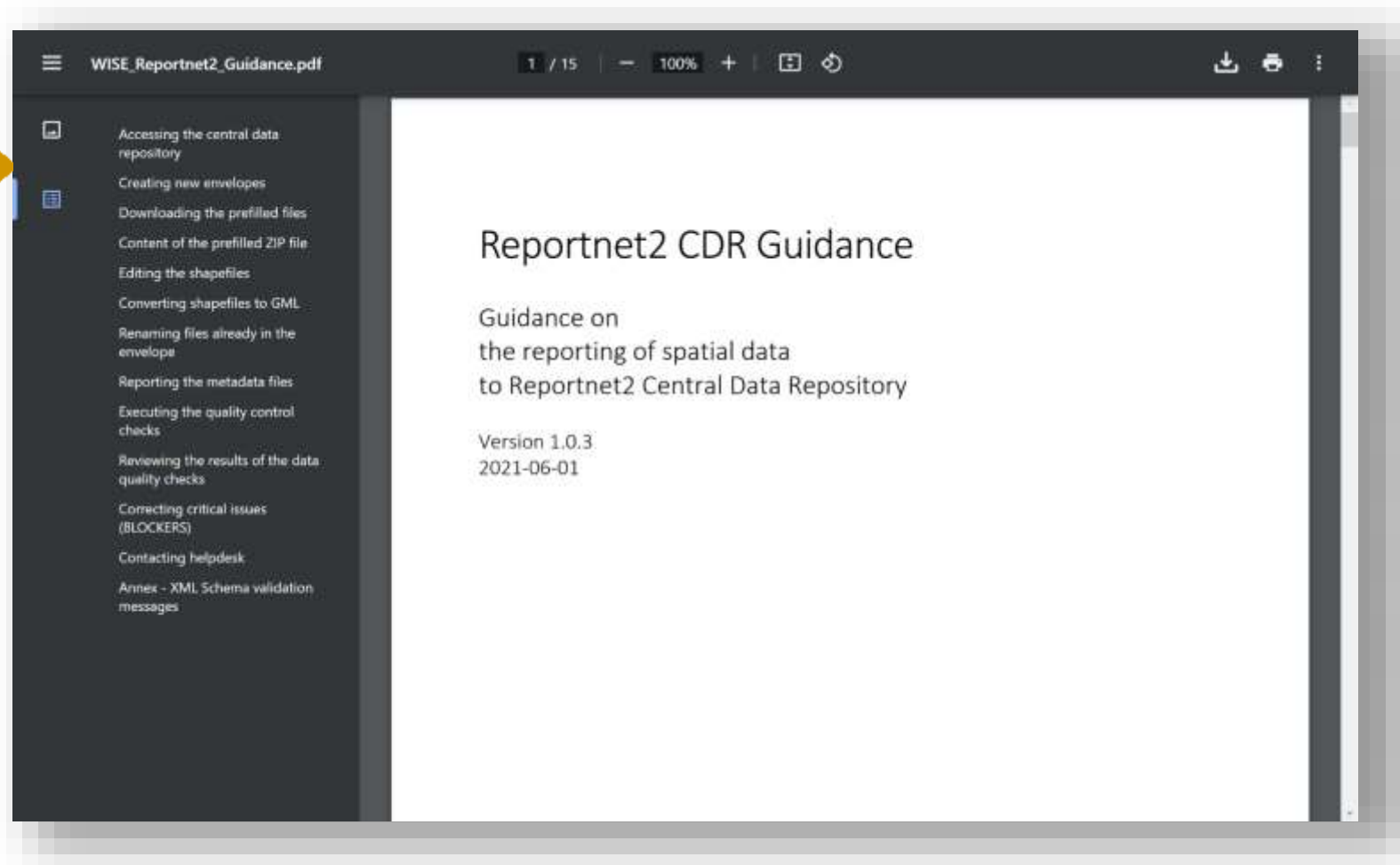
Spatial model quick reference

INSPIRE theme	INSPIRE element	#	WISE GML data element	Monitoring plan	River Basin District	Sub-basin	Surface Water Body	Surface Water Body use	Ground Water Body	Protected Area	Protected Wildlife	Protected Aquatic	Ground Water Body use	Surface Water Body use	Shapefile field name
AM EF	geometry	1	geometry	AM	EF	AM	EF	AM	EF	AM	EF	AM	EF	AM	shape
AM EF	inspireid	2	inspireid	AM	EF	AM	EF	AM	EF	AM	EF	AM	EF	AM	localid
AM EF	inspireid	3	inspireid	AM	EF	AM	EF	AM	EF	AM	EF	AM	EF	AM	namespace
AM EF	inspireid	4	inspireid	AM	EF	AM	EF	AM	EF	AM	EF	AM	EF	AM	versionid
AM	thematicid	5	thematicid	AM		AM		AM		AM		AM		AM	thematicid
AM	thematicid	6	thematicid	AM		AM		AM		AM		AM		AM	thematicid
(from WFD)	hydroid	7	hydroid												hydroid
(from WFD)	hydroid	8	hydroid												namespace

Reportnet guidance

- The reporting process is described in the [Reportnet2 CDR Guidance](https://cdr.eionet.europa.eu/help/WFD/WFD_780_2022/GISGuidance/WISE_Reportnet2_Guidance.pdf).

We'll follow these steps



Select your country collection

3

European Environment Agency

Login

>> Eionet portal

EIONET

Central Data Repository

You are here: Eionet > CDR

Services

- Search by obligation
- Search XML files
- Search for feedback
- Global worklist
- Notifications
- Help

Account Services

- I have lost my password

Note

Subscribe to receive notifications if you want to stay updated about events in this site.

Your password

The Eionet password expires two years after it was last changed.

The Central Data Repository is part of the Reportnet architecture. The Central Data Repository is like a bookshelf, with data reports on the environment as submitted to international clients.

Each country either has a collection (📁) for its deliveries or a referral (🔗) to a different preferred repository. The data reports within each country collection are arranged under the relevant reporting obligations or agreements.

EEA Member countries

Austria	Belgium	Bulgaria
Croatia	Cyprus	Czechia
Denmark	Estonia	Finland
France	Germany	Greece
Hungary	Iceland	Ireland
Italy	Latvia	Liechtenstein
Lithuania	Luxembourg	Malta
Netherlands	Norway	Poland
Portugal	Romania	Slovakia
Slovenia	Spain	Sweden
Switzerland	Turkey	

Other countries and territories

Albania	Andorra	Armenia	Azerbaijan
Belarus	Bosnia and Herzegovina	Georgia	Kazakhstan
Kosovo (UNSCR 1244/99)	Kyrgyzstan	Moldova	Monaco
Montenegro	North Macedonia	Russia	Serbia
Tajikistan	Turkmenistan	Ukraine	United Kingdom
United Kingdom (Gibraltar)	Uzbekistan		

International organisations

European Red List of birds	European Union
--	--------------------------------

Global worklist

Search by obligation

Search for feedback

Search XML files

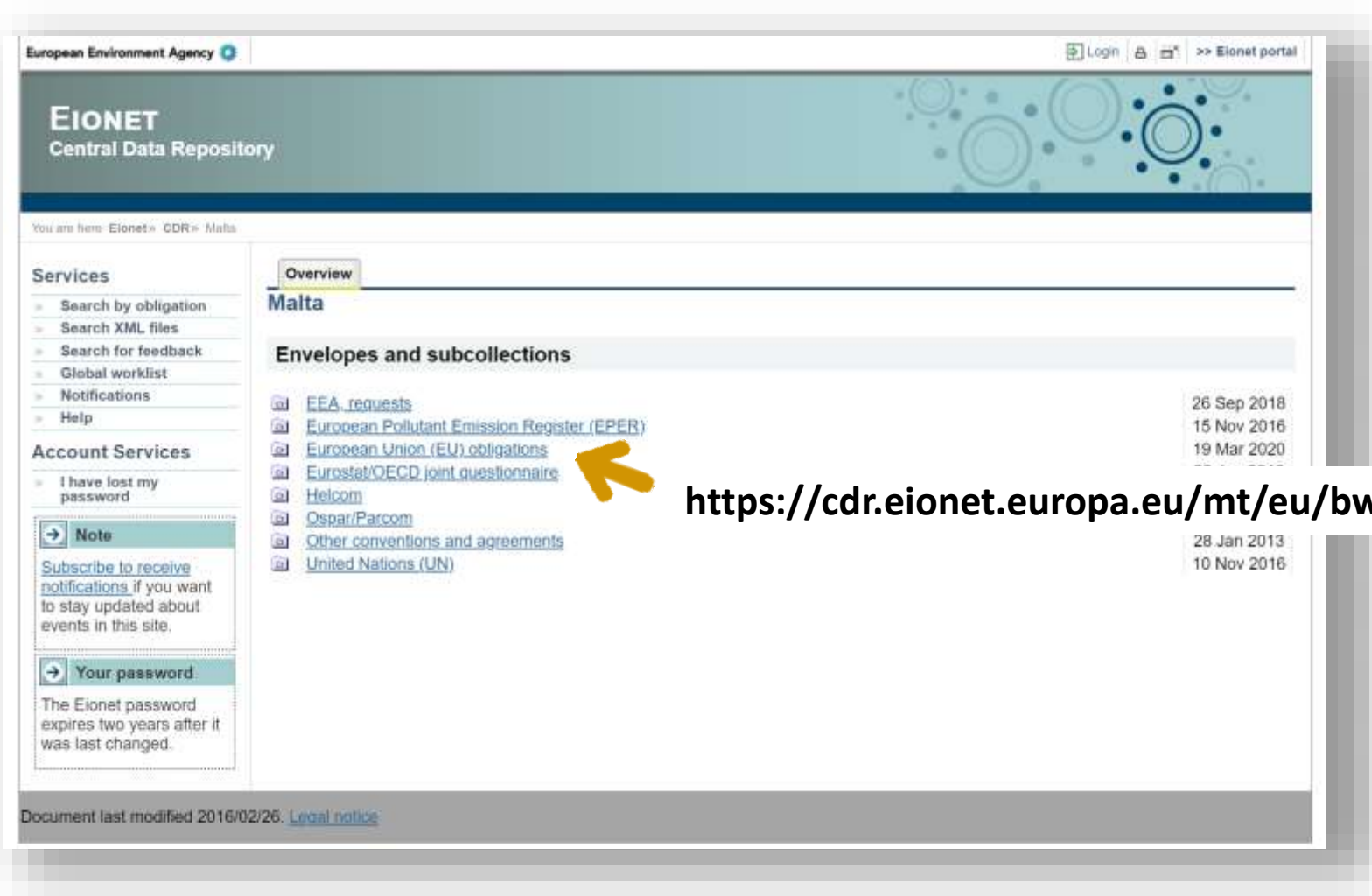
Recent uploads

Recently released

Need help? First try the [On-line CDR help](#) then ask the Eionet helpdesk: helpdesk@eionet.europa.eu.

Eionet helpdesk will provide assistance for: Upload access for new users, Password problem, Difficulties during upload procedure, Download problems

Navigate to the correct folder



European Environment Agency

Login | Eionet portal

EIONET Central Data Repository

You are here: Eionet » CDR » Malta

Services

- Search by obligation
- Search XML files
- Search for feedback
- Global worklist
- Notifications
- Help

Account Services

- I have lost my password

Note

Subscribe to receive notifications if you want to stay updated about events in this site.

Your password

The Eionet password expires two years after it was last changed.

Overview

Malta

Envelopes and subcollections

EEA requests	26 Sep 2018
European Pollutant Emission Register (EPER)	15 Nov 2016
European Union (EU) obligations	19 Mar 2020
Eurostat/OECD joint questionnaire	
Helcom	
Ospar/Parcom	
Other conventions and agreements	28 Jan 2013
United Nations (UN)	10 Nov 2016

Document last modified 2016/02/26. [Legal notice](#)

https://cdr.eionet.europa.eu/mt/eu/bwd/bwd_788/

Create a new envelope

3

The screenshot shows the EIONET Central Data Repository interface. At the top, the European Environment Agency logo is on the left, and 'Logout (nerifern)' and '>> Eionet portal' are on the right. The main header reads 'EIONET Central Data Repository'. Below this, a breadcrumb trail states: 'You are here: Eionet » CDR » Malta » European Union (EU) obligations » Bathing Water Directive 2006/7/EC » Identification of Bathing Waters'.

On the left, there is a 'Services' menu with links: Search by obligation, Search XML files, Search for feedback, Global worklist, Notifications, Help, Manage, and Administration. Below this is an 'Account Services' section with a link: I have lost my password.

The main content area has four tabs: 'Overview' (highlighted), 'Task list', 'Edit properties', and 'List of reporters'. The title 'Identification of Bathing Waters' is displayed, followed by 'Obligation(s) Bathing Water Directive - Identification of Bathing Waters'. A 'New envelope' button is located to the right of the title.

Below the title is a section titled 'Envelopes and subcollections'. It contains two items, each with a checkbox and a folder icon:

- ☐ [MT Bathing Water Report 2021](#)
- ☐ [BWD_ProtectedArea_2019_MT](#)

At the bottom of this section are 'Cut', 'Copy', and 'Delete' buttons.

On the right side, there is a table for 'Envelope status':

Envelope status	
Draft	26 Apr 2021
End (Technically accepted)	29 Dec 2020

A large yellow arrow points from the right side of the screen towards the 'New envelope' button.

Remember to login first...

Activate the envelope

3

Overview

Edit properties

Manage workflow history

History

Test envelope - please ignore

Zip envelope

Activate task

Description

Obligations [Bathing Water Directive - Identification of Bathing Waters](#)

Period 2020 - Not applicable

Coverage Malta

Status Task(s) waiting to be assigned: [Activate task: Draft](#) (You have to activate this task first before you can upload your files.)

→

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

Remember to release the envelope when you have uploaded all files

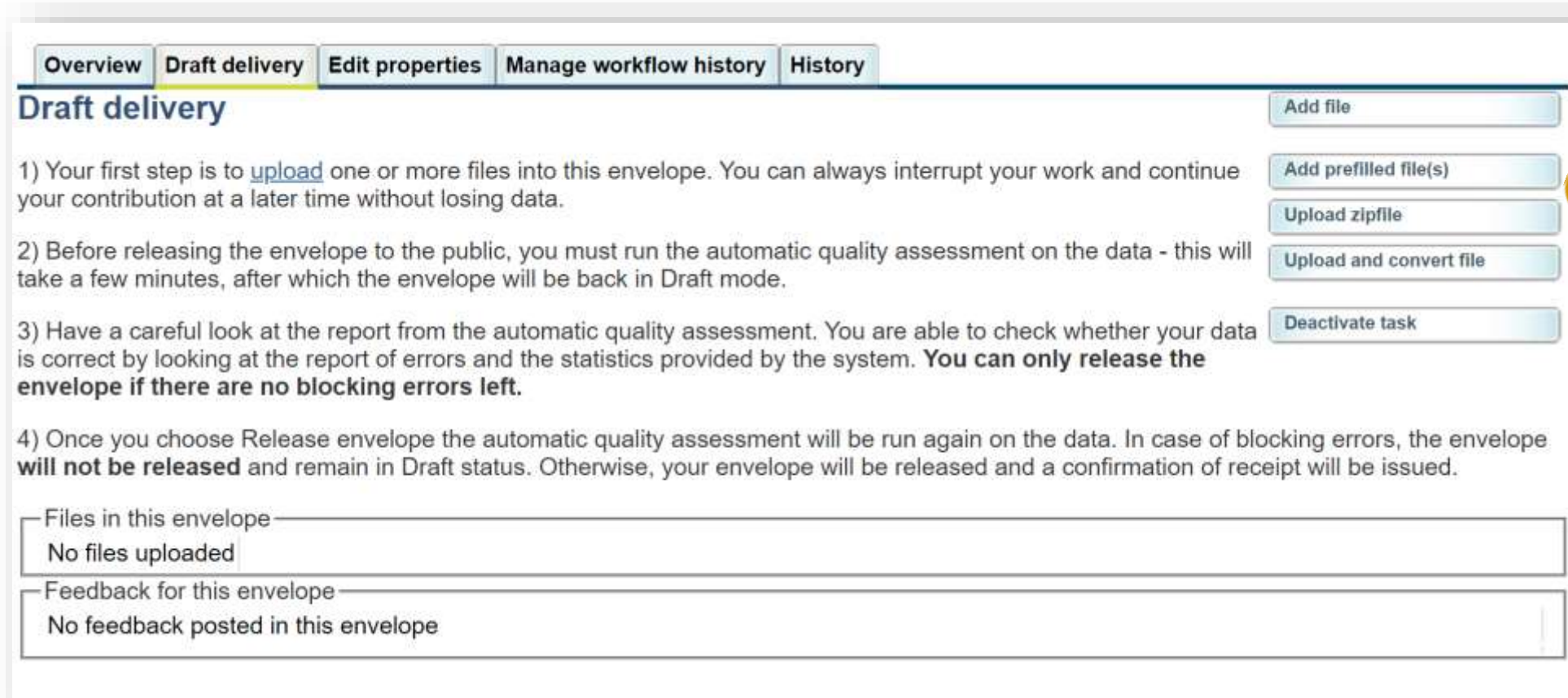
Feedback for this envelope

No feedback posted in this envelope

Add the prefilled files

3

This step is only necessary if you want to download a prefilled shapefile, and update the data.



The screenshot shows a web interface with a top navigation bar containing five tabs: 'Overview', 'Draft delivery' (highlighted in yellow), 'Edit properties', 'Manage workflow history', and 'History'. Below the tabs, the 'Draft delivery' section is active. On the right side of this section, there is a vertical list of five buttons: 'Add file', 'Add prefilled file(s)', 'Upload zipfile', 'Upload and convert file', and 'Deactivate task'. A large yellow arrow points from the right edge of the image towards the 'Add prefilled file(s)' button. The main content area on the left contains four numbered instructions: 1) 'Your first step is to upload one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.' 2) 'Before releasing the envelope to the public, you must run the automatic quality assessment on the data - this will take a few minutes, after which the envelope will be back in Draft mode.' 3) 'Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**' 4) 'Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.' Below the instructions, there are two sections: 'Files in this envelope' with a sub-label 'No files uploaded', and 'Feedback for this envelope' with a sub-label 'No feedback posted in this envelope'.

If you already have prepared your delivery, you don't need to do this.

You can now download and edit the data

3

This step is only necessary if you want to start with a prefilled set of shapefiles.

The screenshot shows a web interface with a top navigation bar containing tabs: 'Overview' (highlighted), 'Edit properties', 'Manage workflow history', and 'History'. Below the tabs, the main heading is 'Test envelope - please ignore'. To the right of this heading are two buttons: 'Zip envelope' and 'Activate task'. The 'Description' section follows, with 'Obligations' set to 'Bathing Water Directive - Identification of Bathing Waters', 'Period' set to '2020 - Not applicable', and 'Coverage' set to 'Malta'. The 'Status' section indicates 'Task(s) waiting to be assigned: [Activate task: Draft](#) (You have to activate this task first before you can upload your files.)'. A 'Note' box contains the text: 'If you want to stay updated about events in this envelope [Subscribe to receive notifications](#) for this country and the current dataflow(s)'. Below the note, a section titled 'Files in this envelope' lists one file: '1 [BWD_ProtectedArea_MT.zip](#) 12.0 KB'. A large yellow arrow points from the text 'Click the file link' at the bottom right to the file link. Below the file list, there is a reminder to 'Remember to release the envelope when you have downloaded all files' and a 'Feedback for this envelope' section which currently shows 'No feedback posted in this envelope'.

Overview Edit properties Manage workflow history History

Test envelope - please ignore

Zip envelope

Activate task

Description

Obligations [Bathing Water Directive - Identification of Bathing Waters](#)

Period 2020 - Not applicable

Coverage Malta

Status Task(s) waiting to be assigned: [Activate task: Draft](#) (You have to activate this task first before you can upload your files.)

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	BWD_ProtectedArea_MT.zip	12.0 KB
---	--	---------

Remember to release the envelope when you have downloaded all files

Feedback for this envelope

No feedback posted in this envelope

Click the file link

If you already have prepared your delivery, you don't need to do this.

The ZIP file contains a ProtectedAreaPoint folder

The content of the file depends on the country.
Each shapefile must be in a separate folder.

```
Archive:  /tmp/tmpKpETXA
  Length      Date    Time    Name
-----
         5  06-14-2021 11:06  ProtectedAreaPoint/ProtectedAreaPoint.cpg
    529798  06-14-2021 11:06  ProtectedAreaPoint/ProtectedAreaPoint.dbf
      168  06-14-2021 11:06  ProtectedAreaPoint/ProtectedAreaPoint.prj
      972  06-14-2021 11:06  ProtectedAreaPoint/ProtectedAreaPoint.sbn
      172  06-14-2021 11:06  ProtectedAreaPoint/ProtectedAreaPoint.sbx
     5668  06-14-2021 11:06  ProtectedAreaPoint/ProtectedAreaPoint.shp
      796  06-14-2021 11:06  ProtectedAreaPoint/ProtectedAreaPoint.shx
-----
    537579
                        7 files
```

This step is only necessary if you want to start with a prefilled shapefile.

If you already have prepared your delivery, you don't need to do this.

You can now edit the shapefiles in your GIS software

Update if needed



ProtectedAreaPoint : Features Total: 87, Filtered: 87, Selected: 0

	beginLife	endLife	predecessid	predeldSch	successold	succeldSch	wEvolution	nameTxtInt	nameText	nameTxtLan
1	e... 2020-03-03	NULL	NULL	NULL	NULL	NULL	change	DAWRET IX-XAT...	DAWRET IX-XAT...	mis 200
2	e... 2020-03-03	NULL	NULL	NULL	NULL	NULL	change	DAWRET IX-XAT...	DAWRET IX-XAT...	mis 200
3	e... 2020-03-03	NULL	NULL	NULL	NULL	NULL	change	IN FRONT OF P...	IN FRONT OF P...	mis 200
4	e... 2020-03-03	NULL	NULL	NULL	NULL	NULL	change	IL-BAJJA TA SAN...	IL-BAJJA TA' SA...	mis 200
5	e... 2020-03-03	NULL	NULL	NULL	NULL	NULL	change	IL-BAJJA TA SAN...	IL-BAJJA TA' SA...	mis 200
6	e... 2020-03-03	NULL	NULL	NULL	NULL	NULL	change	AT THE END OF ...	AT THE END OF ...	mis 200

Show All Features

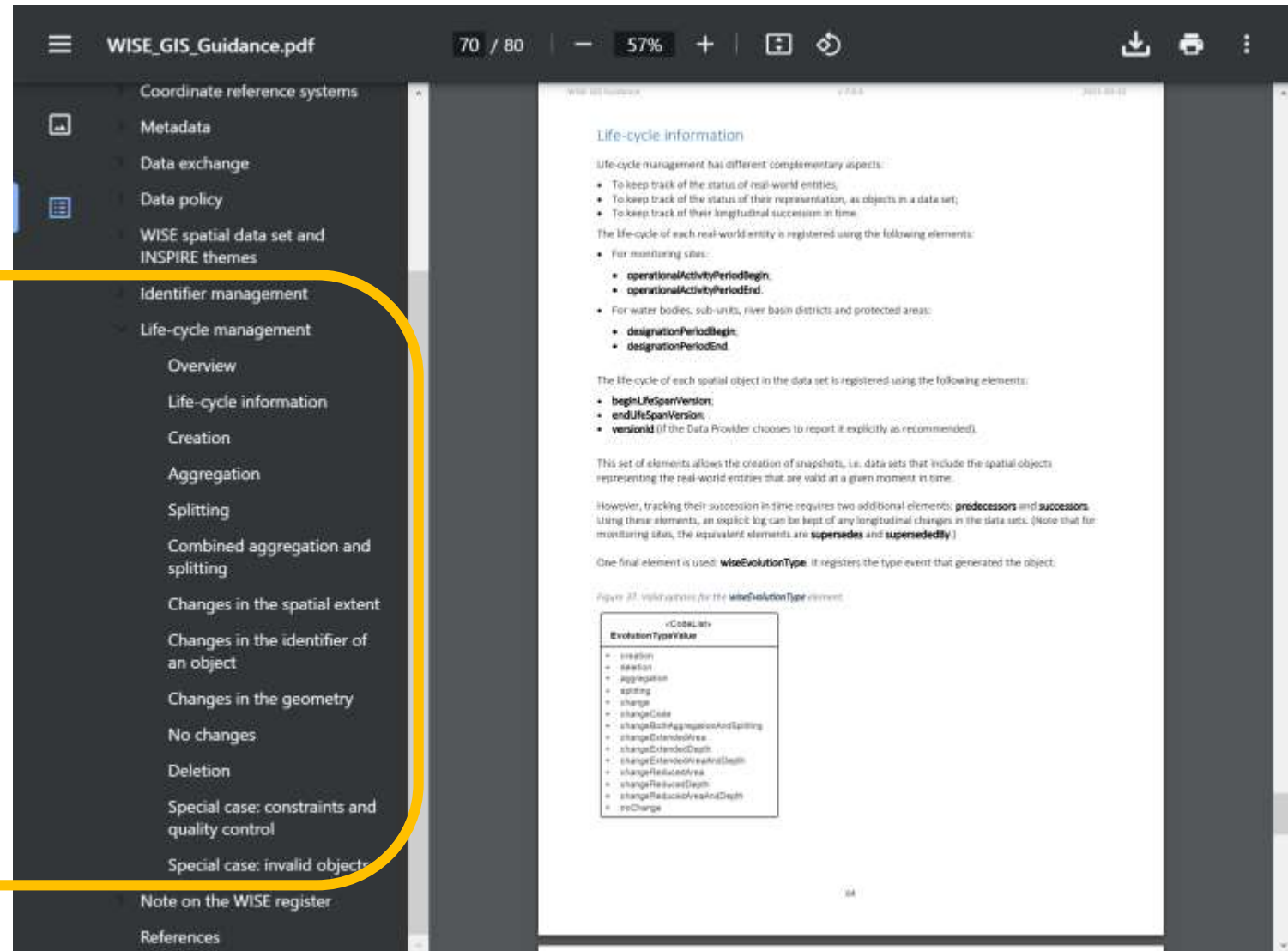
Coordinate: 14.3455,35.7967 Scale: 1:175757 Magnifier: 100% Rotation: 0° Render EPSG:4326

If you need to add, remove or change records...

Please refer to the chapter about **life-cycle management** in the WISE GIS Guidance.

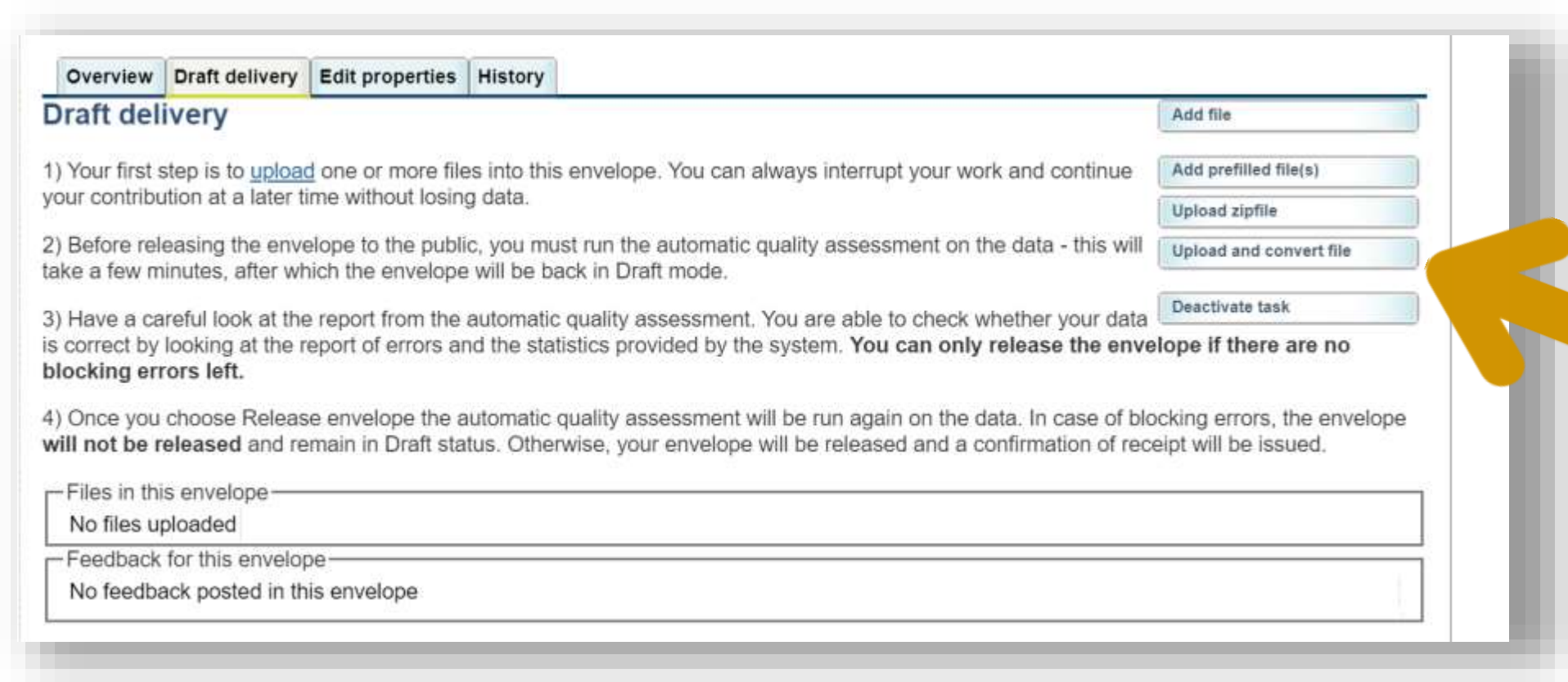
It contains examples for all the possible cases.

Contact
bwd.helpdesk@eionet.europa.eu
 if you need further clarifications.



Uploading and converting the updated ZIP file

3



The screenshot shows a web interface with four tabs: 'Overview', 'Draft delivery' (which is highlighted), 'Edit properties', and 'History'. Below the tabs, the 'Draft delivery' section contains four numbered instructions. To the right of the instructions is a vertical list of five buttons: 'Add file', 'Add prefilled file(s)', 'Upload zipfile', 'Upload and convert file', and 'Deactivate task'. A large yellow arrow points from the right side of the image towards the 'Upload and convert file' button. Below the instructions, there are two sections: 'Files in this envelope' showing 'No files uploaded' and 'Feedback for this envelope' showing 'No feedback posted in this envelope'.

Overview Draft delivery Edit properties History

Draft delivery

1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must run the automatic quality assessment on the data - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**

4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Files in this envelope

No files uploaded

Feedback for this envelope

No feedback posted in this envelope

Add file

Add prefilled file(s)

Upload zipfile

Upload and convert file

Deactivate task

Upload and convert

This step is only necessary if you want to convert a zipped set of shapefiles.

If you already have GML files, you don't need to do this.

Uploading and converting the updated ZIP file

3

Upload FME convertible

This can either be a zip archive or a single file. The zipfile upload makes it possible for you to add a large number of files in one upload. The zipfile will be uploaded and unwrapped if the Unpack files in the envelope is checked.

File

Choose file No file chosen



Select the zip file

Restrict all contained files from public view ☐

Unpack files in the envelope ☐

Add



Do not unpack the files.

This step is only necessary if you want to convert a zipped set of shapefiles.

If you already have GML files, you don't need to do this.

Wait for the conversion process to finish...

3

Overview

Edit properties

History

Test envelope - please ignore

Zip envelope

Description

Obligations

Period


Coverage


Status

Bathing Water Directive - Identification of Bathing Waters

2020 - Not applicable


Malta

Task(s) in progress:  FME Conversion Application [Cancel](#)

 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  [ProtectedAreaPoint.zip](#) 15 Jun 2021 11.2 KB

Remember to release the envelope when you have uploaded all files

Feedback for this envelope

No feedback posted in this envelope



The GML file is added to the envelope...

3

Overview

Edit properties

History

Data quality

Test envelope - please ignore

Zip envelope

Activate task

Description

Obligations

Period

Coverage

Status

Bathing Water Directive - Identification of Bathing Waters

2020 - Not applicable

Malta


Task(s) waiting to be assigned: [Activate task: Draft](#) (You have to activate this task first before you can upload your files.)

→ 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


 [ProtectedAreaPoint.gml](#)

ProtectedAreaPoint.gml

15 Jun 2021

196 KB

2


 [ProtectedAreaPoint.zip](#)

15 Jun 2021

11.2 KB

Remember to release the envelope when you have uploaded all files

Feedback for this envelope

 [FMEConversion results](#) (Posted automatically on 15 Jun 2021)

This step is only necessary if you want to convert a zipped set of shapefiles.

If you already have GML files, you don't need to do this.

You may now rename the file if necessary...

3

Overview

Draft delivery

Edit properties

History

Data quality

Draft delivery

1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must [run the automatic quality assessment on the data](#) - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**

4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Add file



Upload zipfile

Upload and convert file

Run automatic QA

Deactivate task

Files in this envelope

<input checked="" type="checkbox"/>		ProtectedAreaPoint.gml	ProtectedAreaPoint.gml	15 Jun 2021	196 KB	Run QA #1	Run QA #2
<input type="checkbox"/>		ProtectedAreaPoint.zip		15 Jun 2021	11.2 KB		


Rename

Cut

Copy

Delete

Feedback for this envelope

 [FMEConversion results](#) (Posted automatically on 15 Jun 2021)

Rename Items

☒ ProtectedAreaPoint.gml to: ProtectedAreaPoint_MT_20210615.gml

Ok

Cancel

You may now run the Quality Control...

3

The screenshot shows a web interface with a top navigation bar containing tabs: Overview, Draft delivery (highlighted), Edit properties, History, and Data quality. Below the tabs, the 'Draft delivery' section contains four numbered instructions and a list of files. To the right of the instructions are five buttons: 'Add file', 'Upload zipfile', 'Upload and convert file', 'Run automatic QA', and 'Deactivate task'. The 'Files in this envelope' section lists two files: 'ProtectedAreaPoint.zip' (11.2 KB) and 'ProtectedAreaPoint_MT_20210615.gml' (196 KB). Below the file list are buttons for 'Rename', 'Cut', 'Copy', and 'Delete'. To the right of the file list, there are two buttons labeled 'Run QA #1' and 'Run QA #2', which are highlighted with a yellow box and a yellow arrow. Below the file list is a 'Feedback for this envelope' section with a link to 'FMEConversion results' (Posted automatically on 15 Jun 2021).

Overview Draft delivery Edit properties History Data quality

Draft delivery

1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must [run the automatic quality assessment on the data](#) - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**

4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Files in this envelope

<input type="checkbox"/>		ProtectedAreaPoint.zip		15 Jun 2021	11.2 KB
<input type="checkbox"/>		ProtectedAreaPoint_MT_20210615.gml	<i>ProtectedAreaPoint.gml</i>	15 Jun 2021	196 KB

Rename Cut Copy Delete

Feedback for this envelope

[FMEConversion results](#) (Posted automatically on 15 Jun 2021)

Run QA #1 Run QA #2

Start with the XML schema checks.

XML schema validation

3

The structure of the GML file must be correct before it can be imported into the database, and additional validations can be run.

QA result for file ProtectedAreaPoint_MT_20210615.gml

[Go back to envelope](#)

XML Schema validation

OK XML Schema validation passed without errors.

The file was validated against
http://dd.eionet.europa.eu/schemas/WFD2022/GML_ProtectedAreaPoint_2022.xsd

Tip: This page is only temporary.
The page URL address can not be
used as a reference to the result.

Please use the "*File >> Save As*"
option within your browser to save
the validation results.

Correcting XML schema errors

If you used the prefilled shapefiles and the CDR conversion process, the overall file structure should be correct.

Any remaining XML schema errors are likely due to missing values or to invalid characters.

Back to envelope


XML Schema validation

BLOCKER The file does not conform to the data model defined in the XML Schema and blocks your submission. The XML Schema data model specifies the element names, document structure and data types.

The file was validated against http://dd.eionet.europa.eu/schemas/WFD2022/GML_ProtectedAreaPoint_2022.xsd

The following table lists the contradictions in document structure, elements using wrong data types or missing mandatory values.

Type	Position	Error message
ERROR	Line: 30, Col: 107	cvc-pattern-valid: Value 'GROß GLIENICKER SEE, AN DER BADEWIESE' is not facet-valid with respect to pattern '[0-9A-Za-z -]+' for type 'String254Latin'.



Correcting XML schema errors

The Reportnet guidance contains an annex with the list of the most important errors.

Correct those first.

Error messages



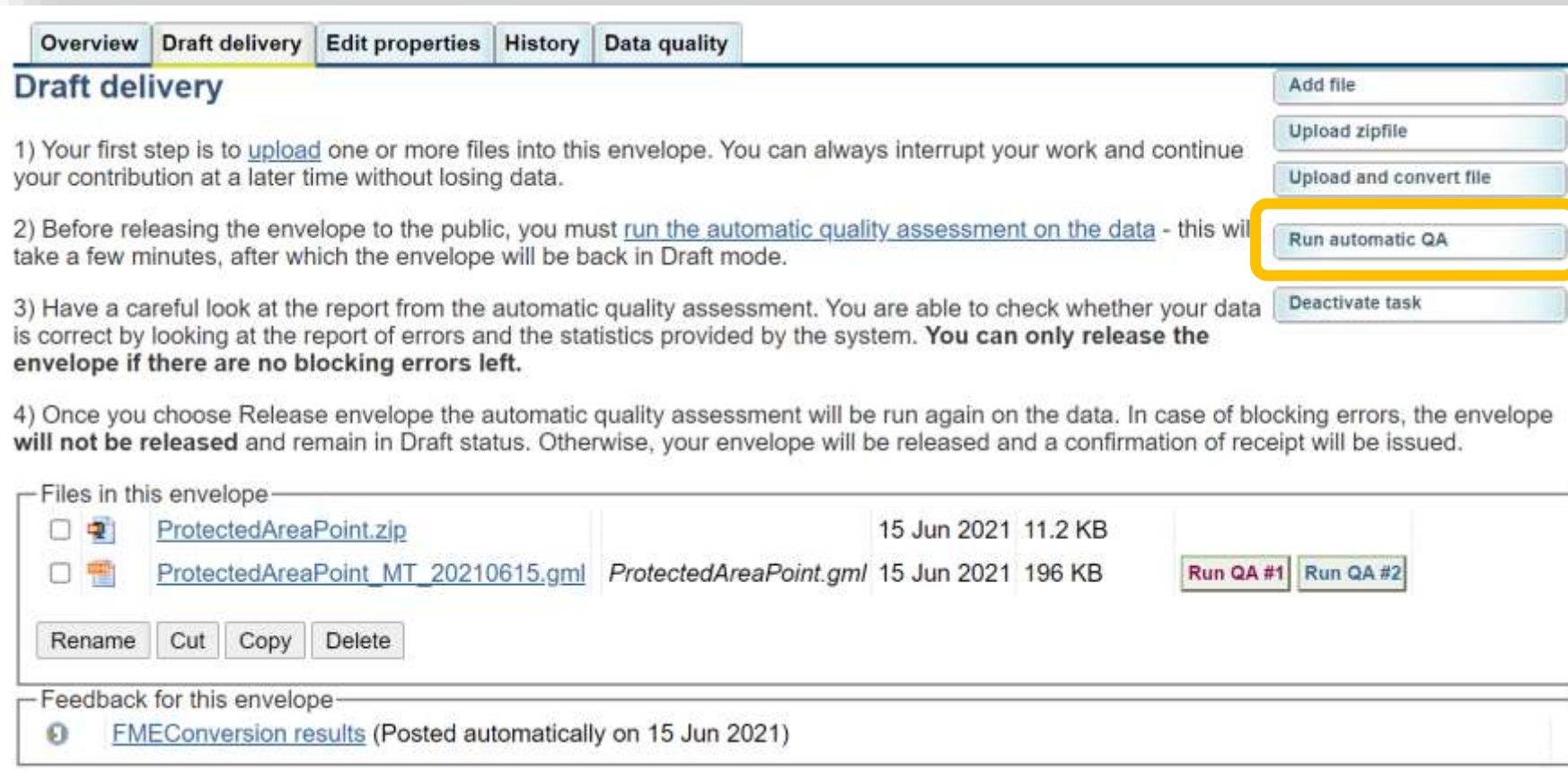
WISE_Reportnet2_Guidance.pdf 13 / 15 76%

Annex - XML Schema validation messages

Schema validation message	Issue description
cc-type:3.1.3: The value of element 'wfdgm:inspireid:localid' is not valid.	The inspireid:localid value must be a non-empty string with less than 255 characters.
cc-type:3.1.3: The value of element 'wfdgm:inspireid:namespace' is not valid.	The inspireid:namespace value must be a non-empty string with less than 255 characters.
cc-type:3.1.3: The value of element 'wfdgm:inspireid:versionid' is not valid.	The inspireid:versionid value must be a non-empty string with less than 25 characters.
cc-type:3.1.3: The value of element 'wfdgm:thematicid:identifier' is not valid.	The thematicid:identifier value must be a string starting with the 2-letter country code. Upper case letters (A to Z) and digits (0 to 9) are allowed in the remaining part (the hyphen and the underscore can be used as non-consecutive separators).
cc-type:3.1.3: The value of element 'wfdgm:thematicid:identifierScheme' is not valid.	The thematicid:identifierScheme value is not valid (see http://cdr.eionet.europa.eu/vocabulary/wise/IdentifierScheme).
cc-type:3.1.3: The value of element 'wfdgm:hydroid:localid' is not valid.	The hydroid:localid value must be a non-empty string with less than 255 characters.
cc-type:3.1.3: The value of element 'wfdgm:hydroid:namespace' is not valid.	The hydroid:namespace value must be a non-empty string with less than 255 characters.
cc-type:3.1.3: The value of element 'wfdgm:begin:espanVersion' is not valid.	The begin:espanVersion value must be a valid date in the ISO 8601 extended format value (e.g. YYYY-MM, YYYY-MM-DD).
cc-type:3.1.3: The value of element 'wfdgm:end:espanVersion' is not valid.	The end:espanVersion value must be a valid date in the ISO 8601 extended format value (e.g. YYYY-MM, YYYY-MM-DD).
cc-type:3.1.3: The value of element 'wfdgm:predecessorid:identifier' is not valid.	The predecessorid:identifier value must be a string starting with the 2-letter country code. Upper case letters (A to Z) and digits (0 to 9) are allowed in the remaining part (the hyphen and the underscore can be used as non-consecutive separators).
cc-type:3.1.3: The value of element 'wfdgm:predecessorid:identifierScheme' is not valid.	The predecessorid:identifierScheme value is not valid (see http://cdr.eionet.europa.eu/vocabulary/wise/IdentifierScheme).
cc-type:3.1.3: The value of element 'wfdgm:successorid:identifier' is not valid.	The successorid:identifier value must be a string starting with the 2-letter country code. Upper case letters (A to Z) and digits (0 to 9) are allowed in the remaining part (the hyphen and the underscore can be used as non-consecutive separators).
cc-type:3.1.3: The value of element 'wfdgm:successorid:identifierScheme' is not valid.	The successorid:identifierScheme value is not valid (see http://cdr.eionet.europa.eu/vocabulary/wise/IdentifierScheme).
cc-type:3.1.3: The value of element 'wfdgm:supersedesid:identifier' is not valid.	The supersedesid:identifier value must be a string starting with the 2-letter country code. Upper case letters (A to Z) and digits (0 to 9) are allowed in the remaining part (the hyphen and the underscore can be used as non-consecutive separators).
cc-type:3.1.3: The value of element 'wfdgm:supersedesid:identifierScheme' is not valid.	The supersedesid:identifierScheme value is not valid (see http://cdr.eionet.europa.eu/vocabulary/wise/IdentifierScheme).
cc-type:3.1.3: The value of element 'wfdgm:supersededbyid:identifier' is not valid.	The supersededbyid:identifier value must be a string starting with the 2-letter country code. Upper case letters (A to Z) and digits (0 to 9) are allowed in the remaining part (the hyphen and the underscore can be used as non-consecutive separators).
cc-type:3.1.3: The value of element 'wfdgm:supersededbyid:identifierScheme' is not valid.	The supersededbyid:identifierScheme value is not valid (see http://cdr.eionet.europa.eu/vocabulary/wise/IdentifierScheme).

You may now run the full automatic QC...

3



Overview **Draft delivery** Edit properties History Data quality

Draft delivery



1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must [run the automatic quality assessment on the data](#) - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**


4) Once you choose Release envelope the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Files in this envelope

<input type="checkbox"/>	 ProtectedAreaPoint.zip		15 Jun 2021	11.2 KB	
<input type="checkbox"/>	 ProtectedAreaPoint_MT_20210615.gml	ProtectedAreaPoint.gml	15 Jun 2021	196 KB	Run QA #1 Run QA #2

[Rename](#) [Cut](#) [Copy](#) [Delete](#)

Feedback for this envelope

 [FMEConversion results](#) (Posted automatically on 15 Jun 2021)

Reviewing the QC results...

Click this tab



Overview Edit properties History **Data quality**

Results of automatic data quality checks

This page displays summary information from all automatic data quality checks for this envelope. If you want to see more detailed results, just follow the "Show more.." links to the individual feedback items.

ProtectedAreaPoint_MT_20210615.gml

- **INFO:** ProtectedAreaPoint Import and Checks [Show more...](#)
- **INFO:** XML Schema validation passed without errors. [Show more...](#)

Envelope test

- **INFO:** BWD Cross checks [Show more...](#)
- **WARNING:** The quality control found 2 warnings - the records should be reviewed. [Show more...](#)

*Review these WARNINGS
and correct them if possible*



*All BLOCKERS
need to be corrected*

Correcting WARNINGS

3

Feedback: AutomaticQA result for: BWD Envelope Checks

[Back to envelope](#)

Subject:	AutomaticQA result for: BWD Envelope Checks
Posted automatically on:	15 Jun 2021 15:57
Task:	Automatic quality assessment
Attached files:	envelopeChecks.csv [download]
Feedback status:	WARNING
Feedback message:	The quality control found 2 warnings - the records should be reviewed.

Download the full list (if there are more than 250 issues)

Number of issues

Envelope validation

Type	Blockers	Errors	Warnings	Total
Count	0	0	2	2

> Summary

Type	Code	Issue description	Count
Warning	DA14	Zip file found on the envelope.	1
Warning	DI09B	Both the INSPIRE metadata file and the GML file should be reported.	1

Showing 1 to 2 of 2 entries

Previous 1 Next

Description
of each issue

Correcting ERRORS

Some errors may prevent the data from being correctly imported or used.

If the envelope has errors it will be analysed during the Final Feedback phase, and a resubmission may be requested.

Cross and Spatial validation

Type	Blockers	Errors	Warnings	Total
Count	0	9	49	58

> Summary

Type	Code	Issue description	Count
Error	SS08C	The geometry of the protected areas must not be disjoint of the geometry of the surface water body's river basin district (except for coastal and territorial waters).	9
Warning	SS07C	The geometry of the protected areas must be covered by or be within 200 metre of the geometry of the associated water body.	49

Showing 1 to 2 of 2 entries

Previous 1 Next



Example
from
another test
envelope

Correcting BLOCKERS

3

12 bathing waters
are missing



Cross and Spatial validation

Type	Blockers	Errors	Warnings	Total
Count	12	0	0	12

> Summary

Type	Code	Issue description	Count
Blocker	RM01C	A valid 'eu' thematic identifier exists in the register but was not reported in the GML file (either as a spatial object or as a predecessor).	12

Showing 1 to 1 of 1 entries

Previous 1 Next

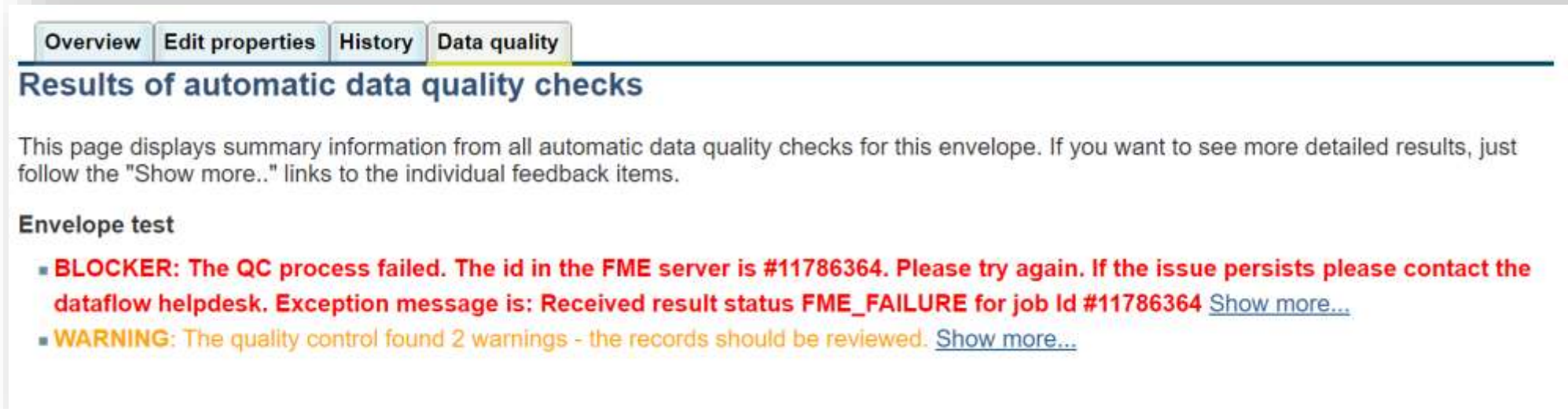
> Cross Checks (the table shows a maximum of 500 issues)

Type	Code	Identifier	Where	File	Value
Blocker	RM01C	euProtectedAreaCode.DEBB_PR_0252	thematicIdIdentifier		DEBB_PR_0252
Blocker	RM01C	euProtectedAreaCode.DEHE_PR_0029	thematicIdIdentifier		DEHE_PR_0029
Blocker	RM01C	euProtectedAreaCode.DEHE_PR_0063	thematicIdIdentifier		DEHE_PR_0063



Example
from
another test
envelope

If the QC fails...



Overview Edit properties History **Data quality**

Results of automatic data quality checks

This page displays summary information from all automatic data quality checks for this envelope. If you want to see more detailed results, just follow the "Show more.." links to the individual feedback items.

Envelope test

- **BLOCKER:** The QC process failed. The id in the FME server is #11786364. Please try again. If the issue persists please contact the dataflow helpdesk. Exception message is: Received result status FME_FAILURE for job Id #11786364 [Show more...](#)
- **WARNING:** The quality control found 2 warnings - the records should be reviewed. [Show more...](#)

The QC processes may fail due to limited communication or processing capacity of one of the different systems involved. If this happens, please run the QC again. Contact bwd.helpdesk if the error persists. Always send the link to the envelope.

Releasing the envelope

*When all the BLOCKERS are corrected, the envelope can be released.
The technical team will review it and provide the Final Feedback.*

Overview

Draft delivery

Edit properties

History

Data quality

Draft delivery

1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data.

2) Before releasing the envelope to the public, you must [run the automatic quality assessment on the data](#) - this will take a few minutes, after which the envelope will be back in Draft mode.

3) Have a careful look at the report from the automatic quality assessment. You are able to check whether your data is correct by looking at the report of errors and the statistics provided by the system. **You can only release the envelope if there are no blocking errors left.**

4) Once you choose [Release envelope](#) the automatic quality assessment will be run again on the data. In case of blocking errors, the envelope **will not be released** and remain in Draft status. Otherwise, your envelope will be released and a confirmation of receipt will be issued.

Add file

Upload zipfile

Upload and convert file

Run automatic QA

Release envelope

Deactivate task



Key messages

- Use the prefilled shapefiles.
 - You only need to report if the data as changed since the last delivery.
 - Modify the records that have changed.
 - **In the records that have not changed, set `wiseEvolutionType` = 'noChange'.**
- Review the quality results
 - Correct the BLOCKERS and review any ERRORS and WARNINGS.
 - **Contact bwd.helpdesk@eionet.europa.eu if you need clarifications.**
- Release the envelope
 - ETC will review the data and provide the final feedback.
 - If the envelope is technically accepted, it will be integrated in the European dataset, and the Monitoring and Classification data must be reported in the November Data Call.

Q&A

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