

WISE SoE Water quantity – Webinar 02 October 2023

The webinar will be started at 10:00

Water quantity data reporting – Reportnet 3



Dr. Nihat Zal – EEA - Water resources expert

George Bariamis – ETC BE – Water resources expert

Technical instructions

- Thank you for participating in the Webinar
- The Webinar will be recorded and made available after the Webinar
- Presentation will also be available on the Eionet Forum and the link will be sent for downloading after the Webinar
- Use the chat for making comments or asking questions
- Avoid detailed questions on your data, you should use the WISE SoE Helpdesk when you start reporting

Agenda

#	Agenda item	#
10:00-10:40	Using the reported data in the EEA products & Questions/answers	Nihat Zal - EEA
10:40-11:20	Introduction to the Reportnet 3 – lesson learned from the 2022 data reporting & Questions/Answers	George Bariamis – ETC BE
11:20-12:00	How to report data to WISE 3 in the Reportnet 3 & Questions/Answers	George Bariamis – ETC BE
12:00-12:20	AoB	All participants
12:20-12:30	Closure of the Meeting	All participants



Agenda item 1- Using the reported data in the EEA products



WISE FRESHWATER INFORMATION SYSTEM FOR EUROPE




Contact Sitemap Search Site Q

About Policy and Reporting Europe's Freshwater Data, maps and tools Countries

Welcome to WISE - Freshwater

WISE-Freshwater is a gateway for searching, accessing, retrieving and understanding data and information on the environmental status and policy assessments of the European fresh waters

In the spotlight

- 
Country profiles on urban waste water treatment
- 
WISE Freshwater resource catalogue
- 
Data, maps and tools

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- An independent EU agency
- Analysing, assessing and providing information
- An interface between science and policy
- Dependent upon strong networks to carry out its work

“The EEA aims to support sustainable development and to help achieve significant and measurable improvement in Europe’s environment through the provision of timely, targeted, relevant and reliable information to policy makers and the public”





Strategic objectives

1. Supporting policy implementation and transitions to sustainability
2. Timely input to solutions for sustainability challenges
3. **Building stronger networks and partnerships**
4. **Making use of the potential of data, technology and digitalization**
5. Resourcing our shared ambitions

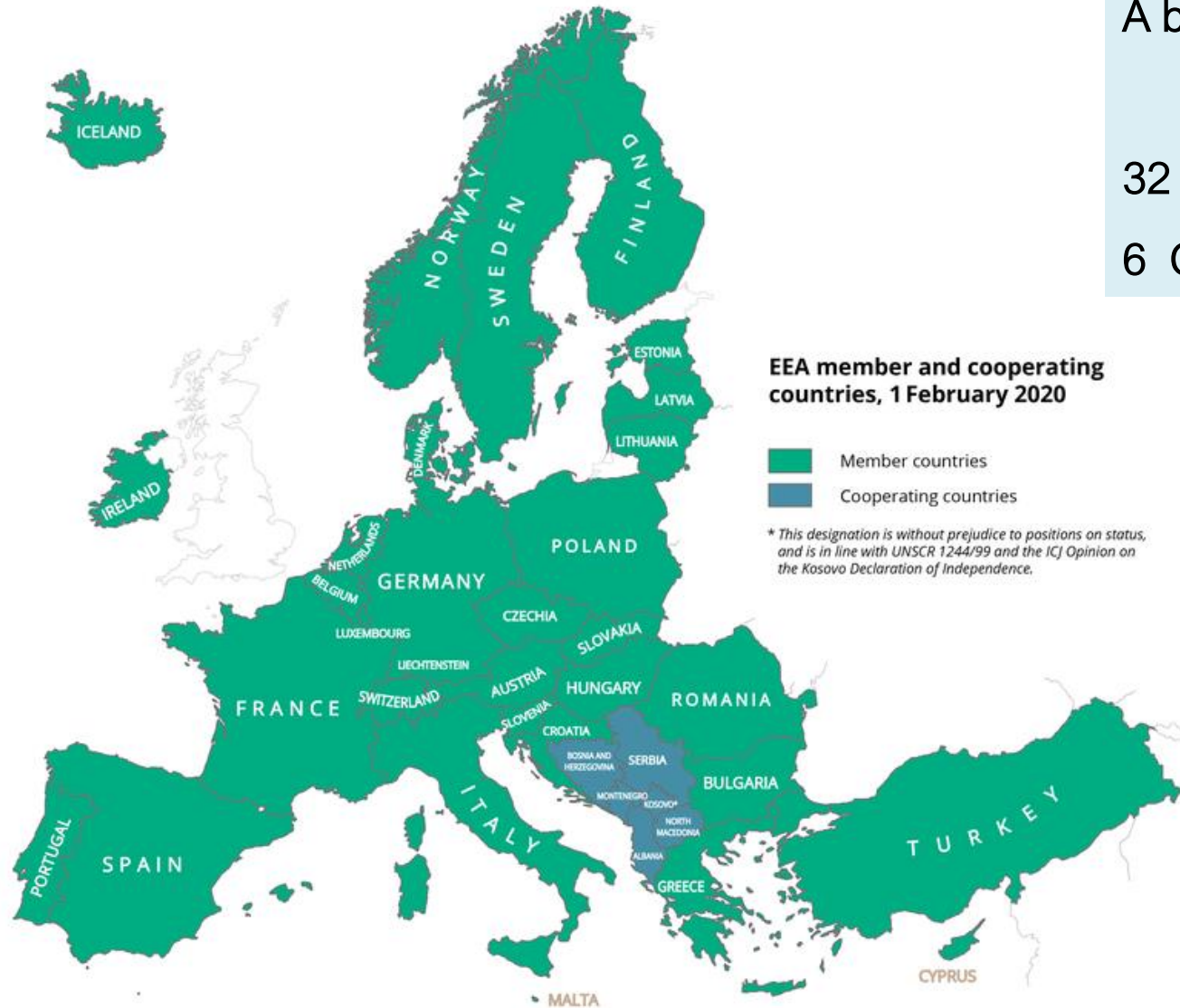


EEA-Eionet Strategy 2021-2030

A big family of Eionet

32 member countries

6 Cooperating countries of West Balkans

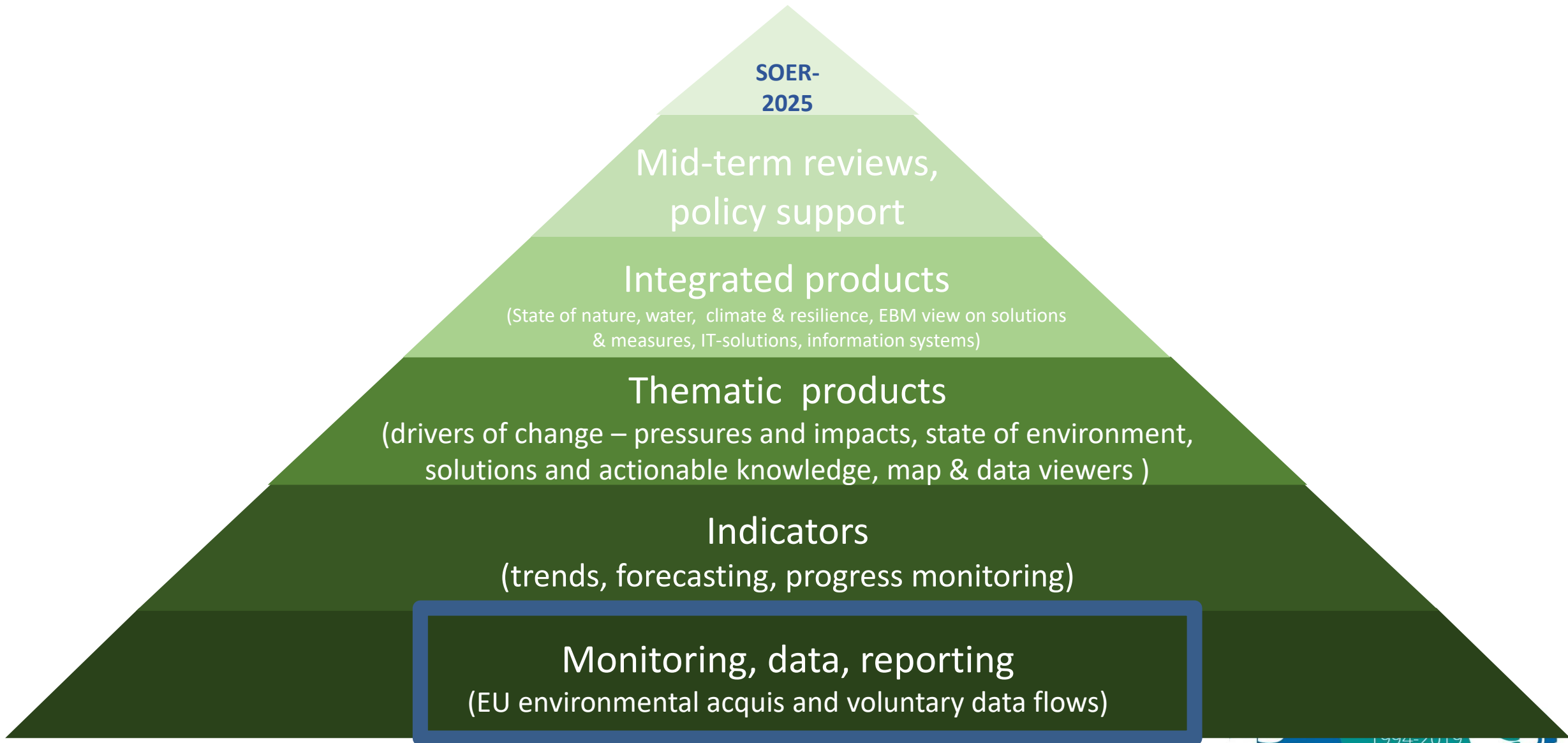


Emerging data and information needs

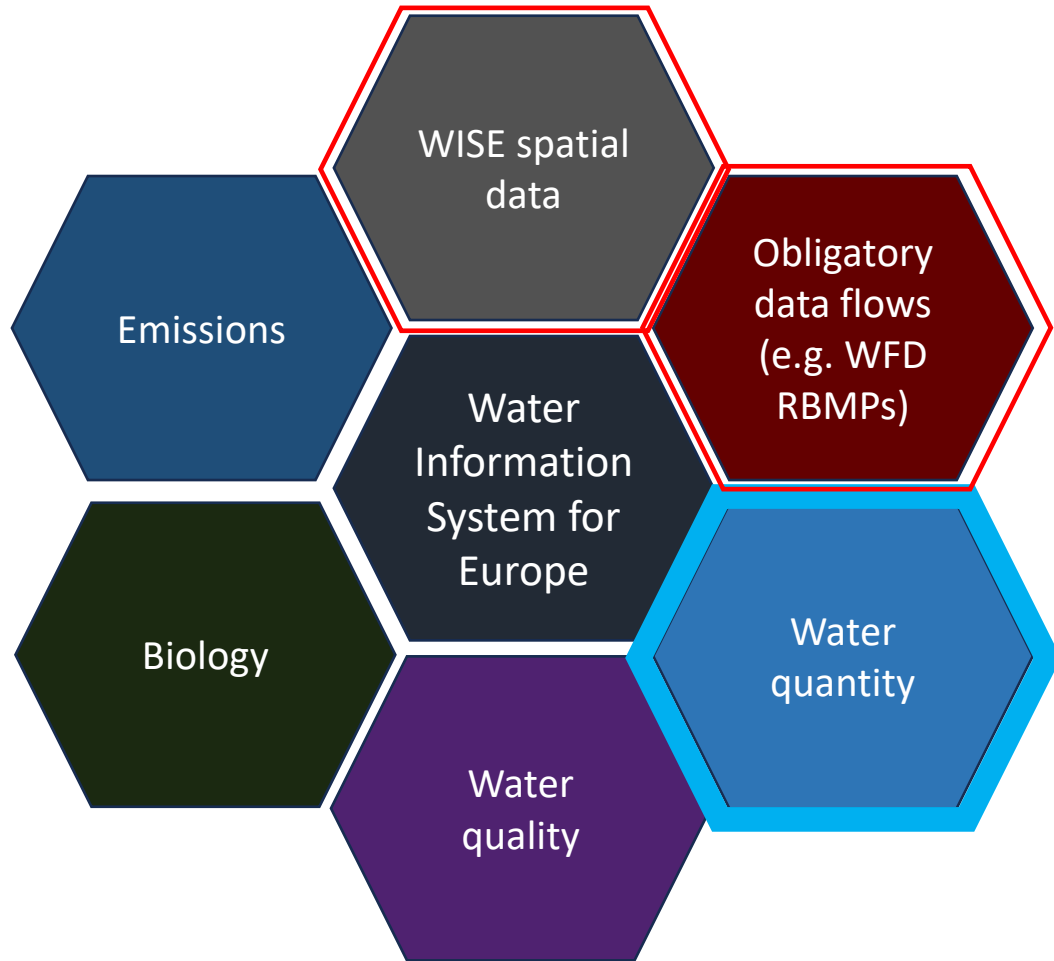
- Impacts of climate change manifest itself mostly in water management
- Climate change exacerbates the frequency of hydro-climate extremes, leading to an elevated risk of exposure to natural hazards
- Water availability, especially on a seasonal scale, is increasingly becoming a limiting factor not only for socio-economics but also for maintaining ecosystem health.
- Large gap in European data and information on water quantity, whereas addressing sustainable water resources management is becoming increasingly urgent

- WFD Art. 1 Sustainable use of water resources
- EU Green Deal – protecting and conserving natural capital and improve resilience to climate change
- EU Climate change adaptation strategy – water scarcity is an issue in Europe
- EU Nature Restoration Law 2030 – ecosystem restoration, free flow rivers, water quality improvement
- EU Water reuse regulation – use of reclaimed water safely for irrigation

Water resilience is becoming on the top of the European environmental agenda



WISE data flows



WISE SoE Water quantity

Renewable freshwater resources
Groundwater level
Streamflow
Reservoir water balance
Water abstraction by source and by sector
Water use and returns, incl. losses and leakages
Additional water resources

What we are doing with WISE water quantity data?

Indicators

- [CSI 018](#) – Water scarcity conditions in Europe (WEI+)
- [WAT 007](#) – Water abstraction by source and by sector

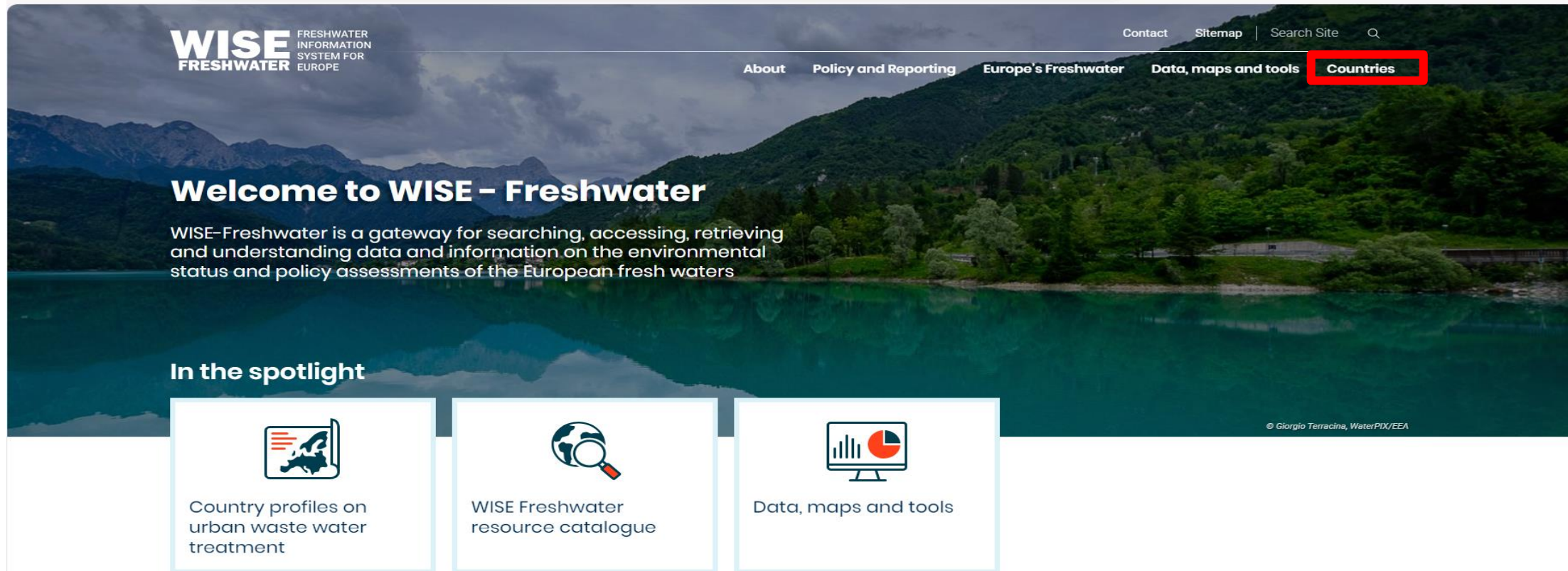
8th EaP – Headline indicator

Information support to the EU water scarcity&drought policy

EU CCA Strategy and the new Circular Economy Action Program

What we are doing with WISE water quantity data?

Country profile on water resources



Update on WISE-Freshwater gateway

[WISE Freshwater \(europa.eu\)](http://europa.eu)

Objectives of country profile on water resources

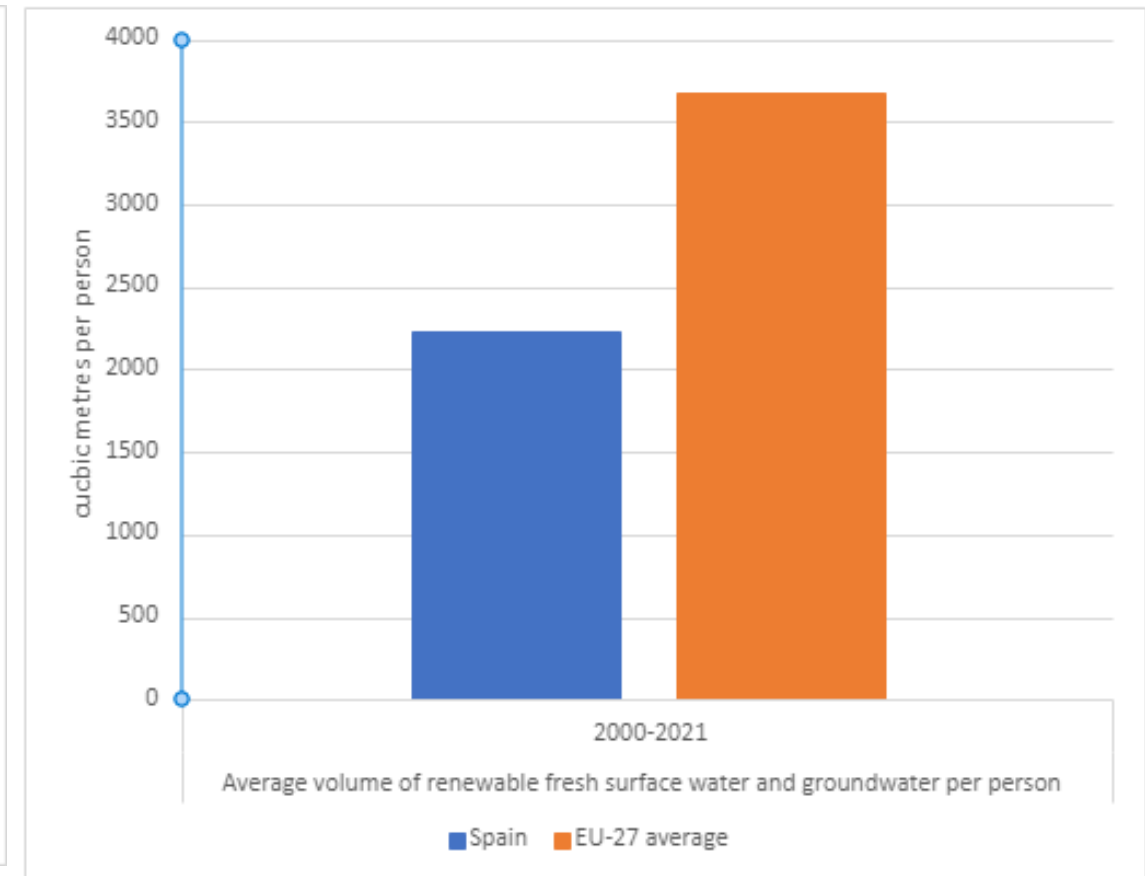
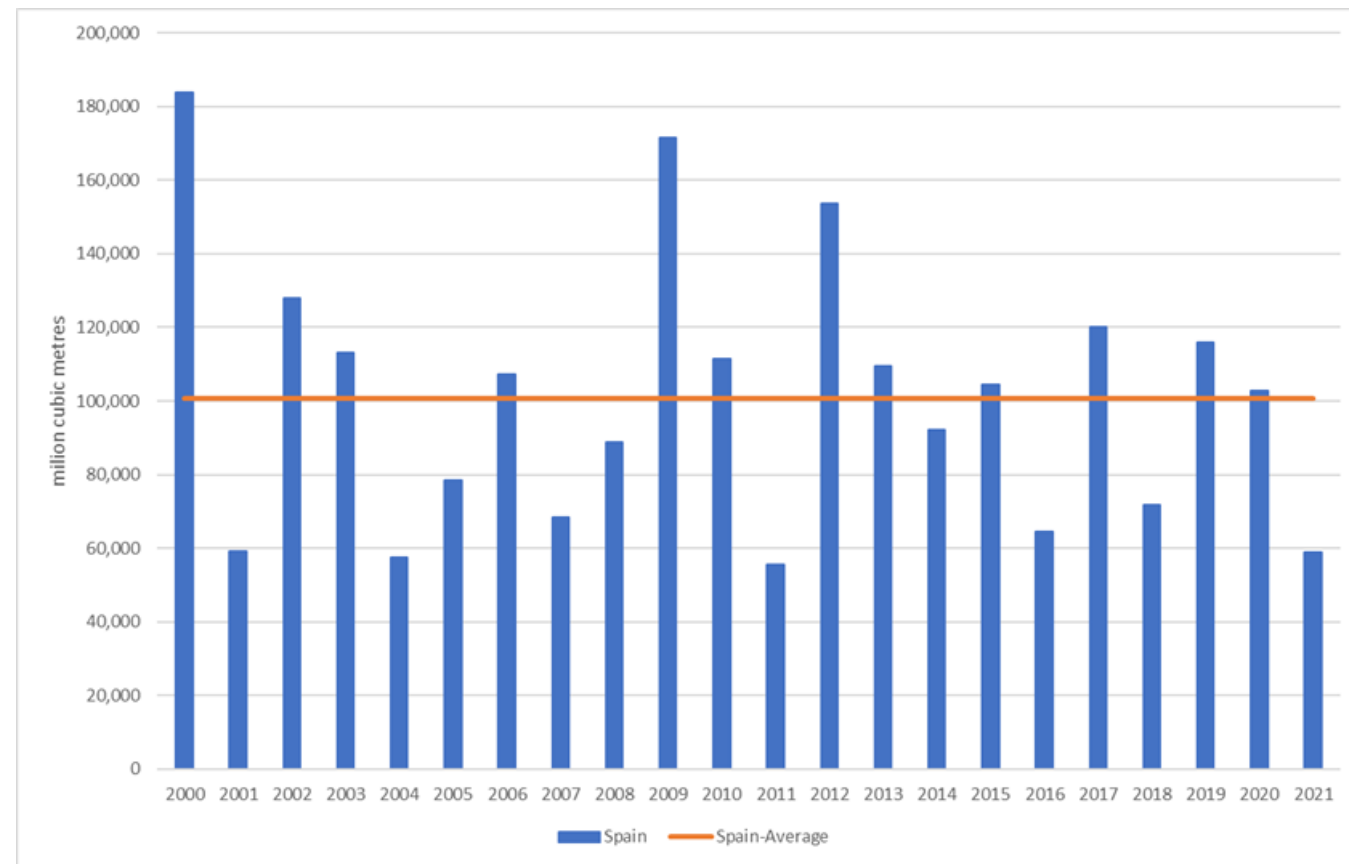
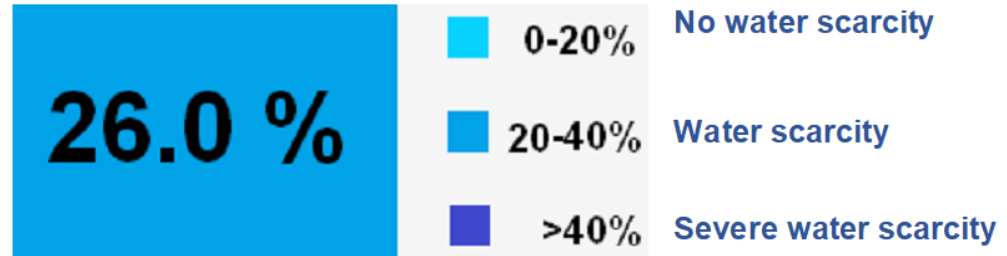
- Increasing needs to access to simple but robust and reliable information on water resources
- Provisioning clear information on the key characteristics of water resources at country level
- Promoting the exchange of data and information on water resources among EIONET member countries.

WISE Freshwater - content of country profile on water resources - Spain

RENEWABLE FRESHWATER RESOURCES

What is the current status of renewable freshwater resources?

- Total volume of annual renewable freshwater resources
- Volume of renewable freshwater resources per capita

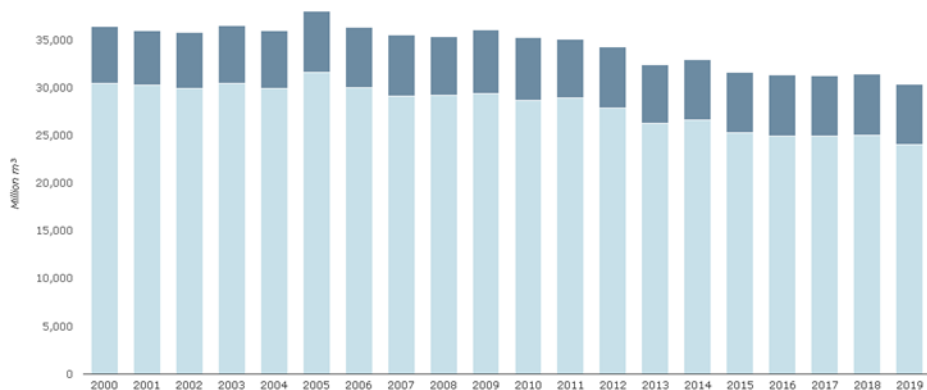


WISE Freshwater - content of country profile on water resources - Spain

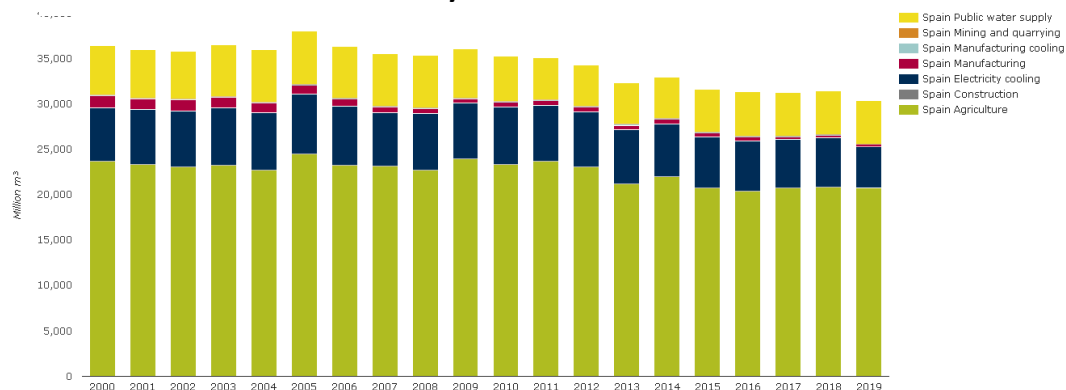
SUSTAINABLE USE OF WATER RESOURCES



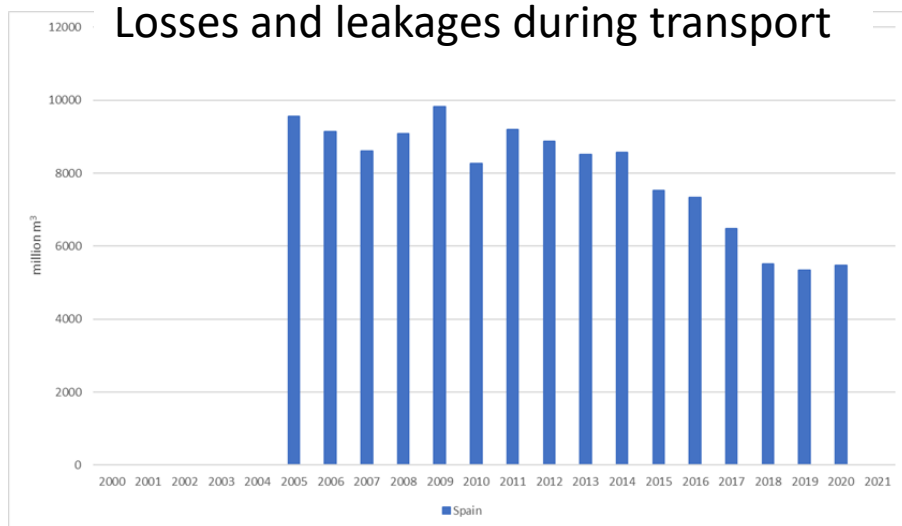
Water abstraction by source



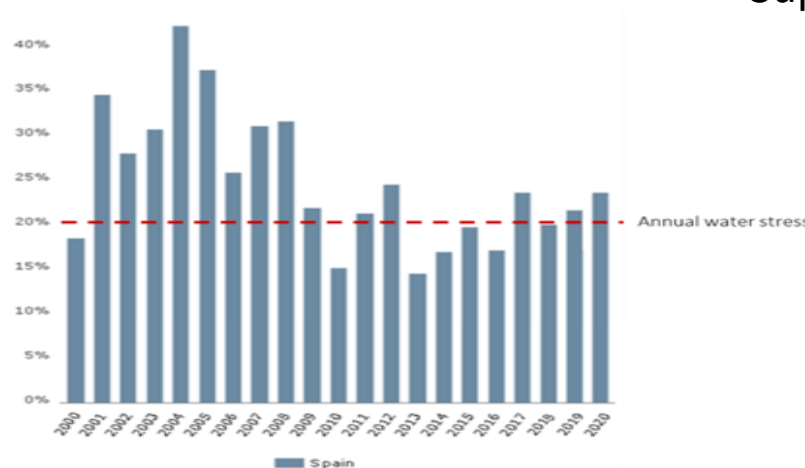
Water abstraction by sector



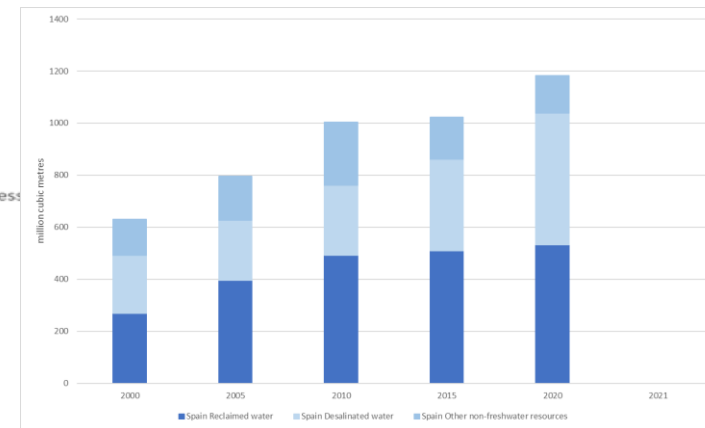
Losses and leakages during transport



Annual water stress level



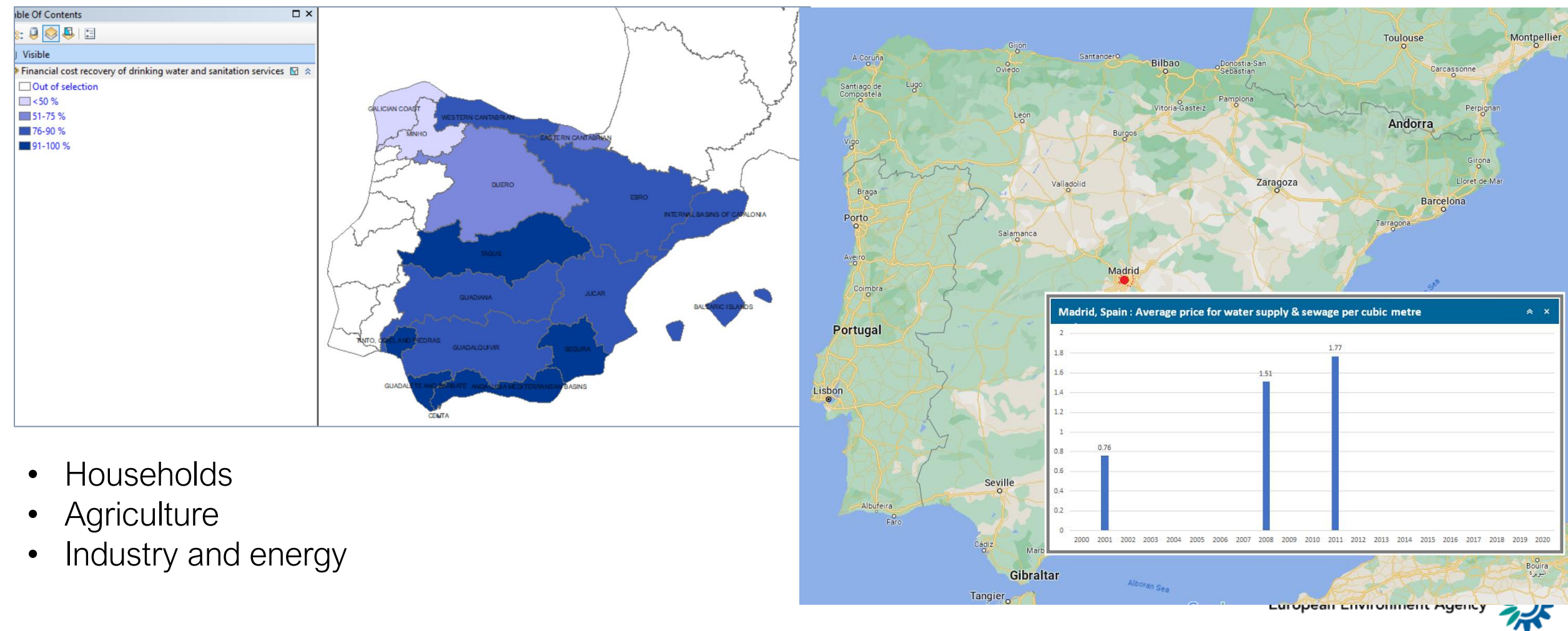
Supply of additional water resources



WISE Freshwater - content of country profile on water resources - Spain

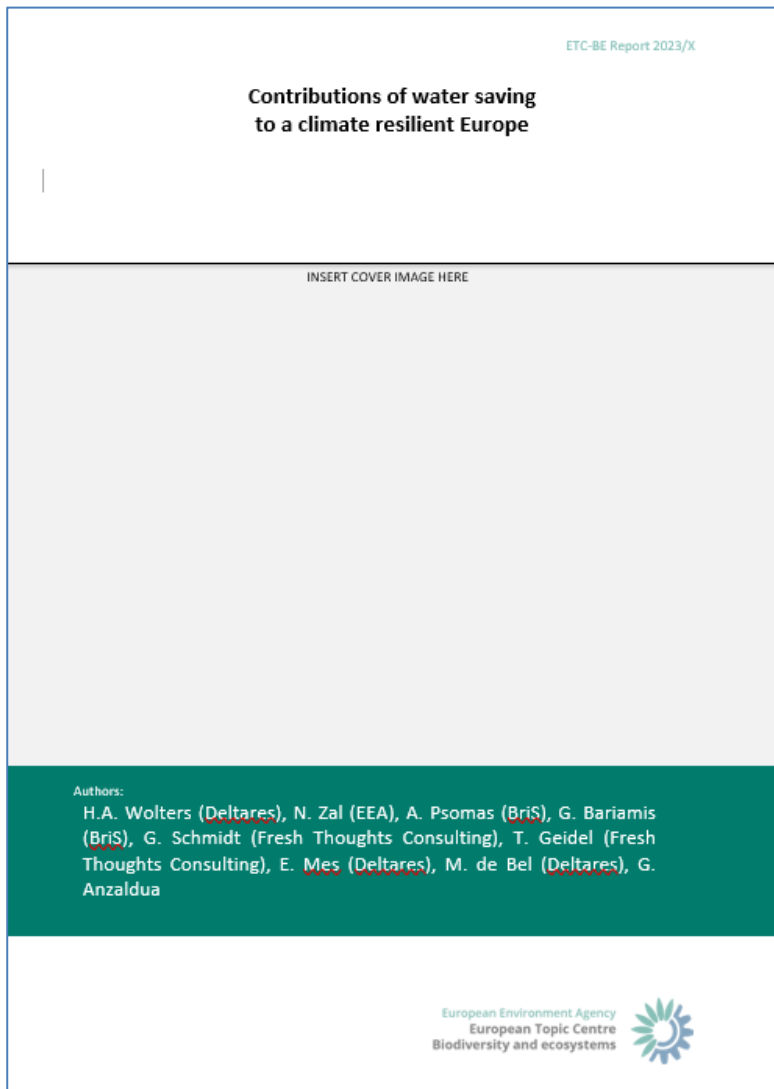
RECOVERY OF COSTS FOR WATER SERVICES – USER PAYS

What is the rate of financial cost recovery for water services to households, agriculture, and industry?
What is the average price of water supply and sanitation services in main cities?



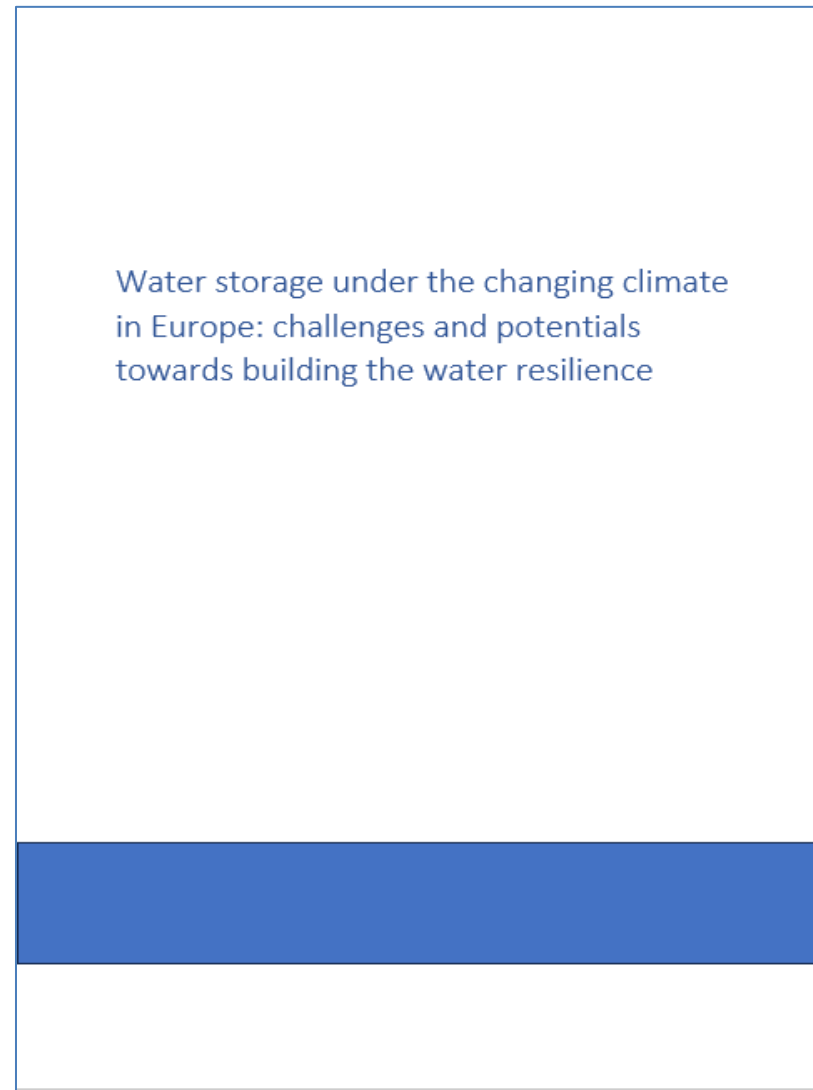
What we are doing with WISE water quantity data?

Water saving potentials in Europe



Q2/2024

Water storage management in Europe



Q3/2025



Questions/answers

Agenda item 2 -Introduction to the Reportnet 3 - lessons learned from the 2022 data reporting



George Bariamis (ETC/BE, BRiS) October 2nd, 2023

Outline

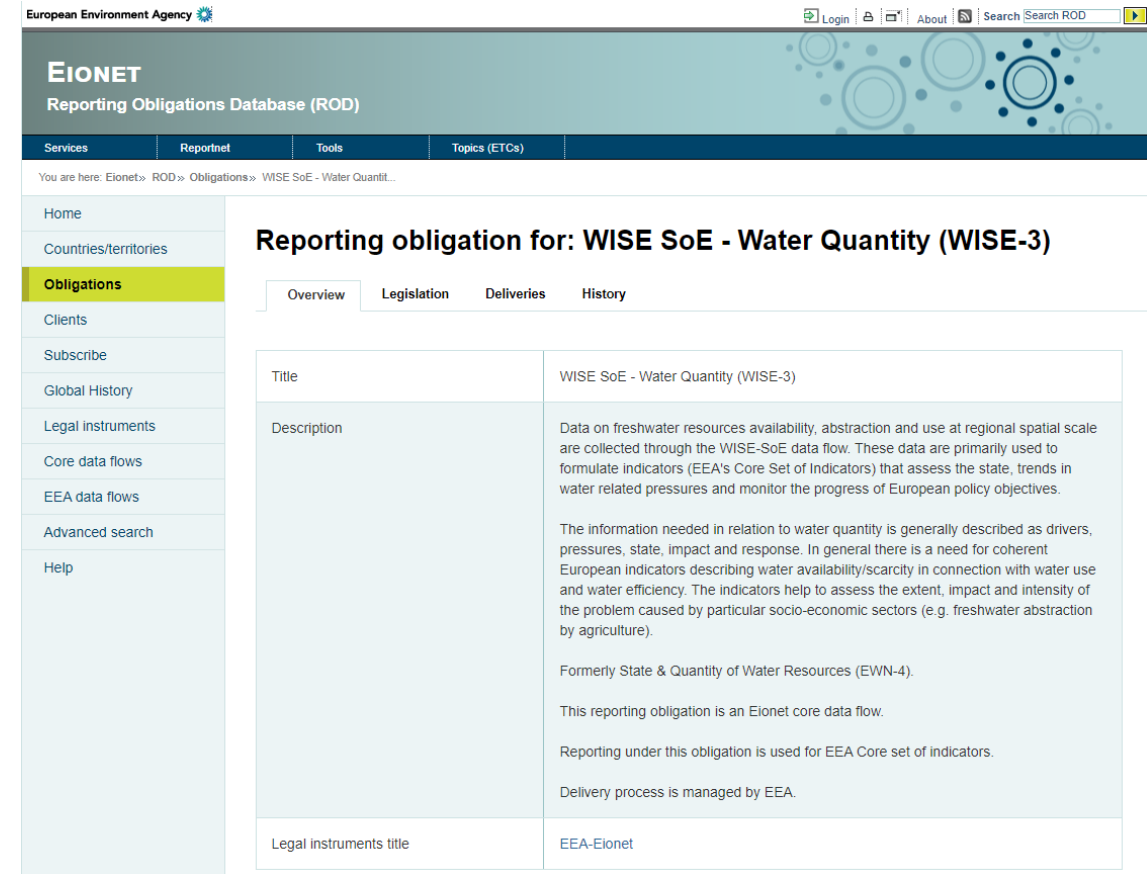
1. WISE-3 data flow - brief introduction
2. WISE-3 data - overview
3. WISE-3 data dictionary - overview
4. WISE-3 quality issues
5. WISE-3 reporting in Reportnet 3

1. WISE-3 data flow - brief introduction

WISE-3 Reporting obligation

Data on **freshwater** resources availability, *abstraction* and use at regional spatial scale are collected through the WISE-SoE data flow. These data are primarily used to formulate indicators (EEA's Core Set of Indicators) that assess the state, trends in water related pressures and monitor the progress of European policy objectives.

- This reporting obligation is an **Eionet core data flow**.
- Reporting under this obligation is used for EEA Core set of indicators.
- Annual reporting frequency
- Delivery process is managed by EEA.



The screenshot shows the Eionet Reporting Obligations Database (ROD) interface. The main heading is "Reporting obligation for: WISE SoE - Water Quantity (WISE-3)". The page includes a navigation menu on the left with options like Home, Countries/territories, Obligations (highlighted), Clients, Subscribe, Global History, Legal Instruments, Core data flows, EEA data flows, Advanced search, and Help. The main content area has tabs for Overview, Legislation, Deliveries, and History. The "Overview" tab is active, displaying a table with the following information:

Title	WISE SoE - Water Quantity (WISE-3)
Description	<p>Data on freshwater resources availability, abstraction and use at regional spatial scale are collected through the WISE-SoE data flow. These data are primarily used to formulate indicators (EEA's Core Set of Indicators) that assess the state, trends in water related pressures and monitor the progress of European policy objectives.</p> <p>The information needed in relation to water quantity is generally described as drivers, pressures, state, impact and response. In general there is a need for coherent European indicators describing water availability/scarcity in connection with water use and water efficiency. The indicators help to assess the extent, impact and intensity of the problem caused by particular socio-economic sectors (e.g. freshwater abstraction by agriculture).</p> <p>Formerly State & Quantity of Water Resources (EWN-4).</p> <p>This reporting obligation is an Eionet core data flow.</p> <p>Reporting under this obligation is used for EEA Core set of indicators.</p> <p>Delivery process is managed by EEA.</p>
Legal instruments title	EEA-Eionet

<https://rod.eionet.europa.eu/obligations/184>

2. WISE-3 data – overview (1/2)

Water Quantity data are organized in seven (7) tables and a total of 74 parameters:

- Monitoring data (2)
- Reservoir data (3)
- Renewable freshwater resources (7)
- Additional water resources (14)
- Water abstraction (33)
- Water use (12)
- Water returns (3)

Full name	Short name
<u>Monitoring Data</u>	MonitoringData
<u>Reservoir Data</u>	ReservoirData
<u>Renewable Freshwater Resources</u>	RenewableFreshwaterResources
<u>Additional Water Resources</u>	AdditionalWaterResources
<u>Water Abstraction</u>	WaterAbstraction
<u>Water Use</u>	WaterUse
<u>Water Returns</u>	WaterReturns

2. WISE-3 data – overview (2/2)

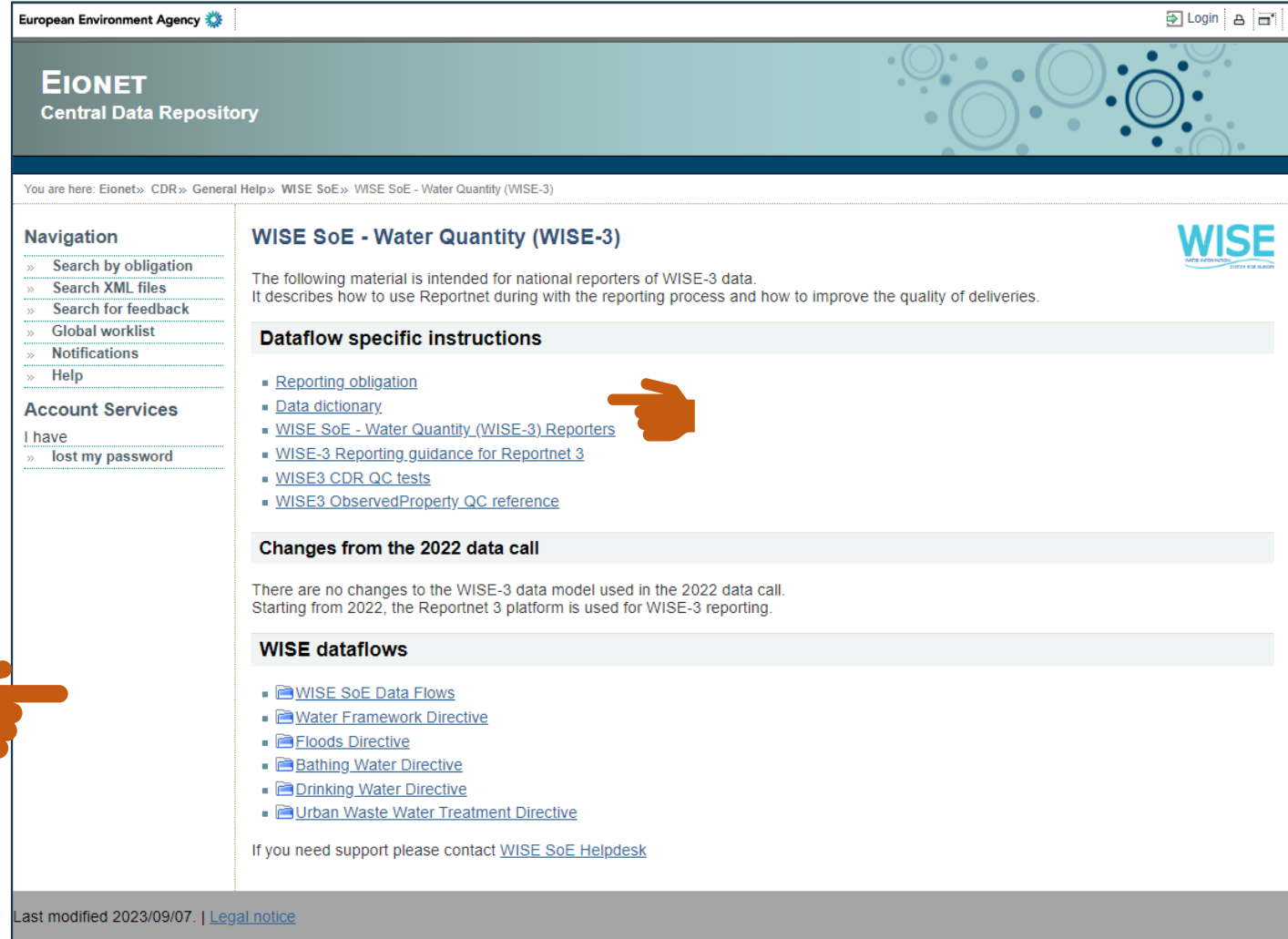
Water Quantity data are organized in seven (7) tables and a total of 74 parameters:

Identifier	Description
Monitoring data (2)	Streamflow and groundwater level observations, by monitoring site.
Reservoir data (3)	Mean inflow volume, mean outflow volume and mean stock volume, during each period, for artificial or natural reservoirs, reported by water body and expressed in million cubic meter.
Renewable freshwater resources (7)	Provides an overview of renewable freshwater resources available on the spatial unit (SU, RBD or country) and of their different flows (internal flow and actual external inflow).
Additional water resources (14)	Provides an overview of additional water resources available on the spatial unit (SU, RBD or country) from non-freshwater sources (seawater and transitional water, such as brackish water), desalinated water and reused water. Water imports/ exports are requested on this category.
Water abstraction (33)	Provides an overview of the volume of water abstraction on the spatial unit (SU, RBD or country) from freshwater resources (surface and groundwater) for different sectors.
Water use (12)	Provides an overview of the volume of water used on the spatial unit (SU, RBD or country) for different sectors of economic activity or purposes.
Water returns (3)	Provides an overview of the volume of water returns on the spatial unit (SU, RBD or country), disaggregated in treated and non-treated effluents and leakage losses.

3. WISE-3 data dictionary – overview (1/3)

- The Data Dictionary is a central service for storing technical specifications for information requested in reporting obligations.
- The purpose is to **support** countries in reporting **good quality data**.
- It contains detailed specifications in a **structured format** for the data requested in a dataflow.

You can access data dictionary along with the rest of the guidance documents in the dedicated webpage of the WISE-3 dataflow



European Environment Agency

EIONET
Central Data Repository

You are here: Eionet» CDR» General Help» WISE SoE» WISE SoE - Water Quantity (WISE-3)

Navigation

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

Account Services

I have

- » lost my password

WISE SoE - Water Quantity (WISE-3)

The following material is intended for national reporters of WISE-3 data. It describes how to use Reportnet during with the reporting process and how to improve the quality of deliveries.

Dataflow specific instructions

- [Reporting obligation](#)
- [Data dictionary](#)
- [WISE SoE - Water Quantity \(WISE-3\) Reporters](#)
- [WISE-3 Reporting guidance for Reportnet 3](#)
- [WISE3 CDR QC tests](#)
- [WISE3 ObservedProperty_QC reference](#)

Changes from the 2022 data call

There are no changes to the WISE-3 data model used in the 2022 data call. Starting from 2022, the Reportnet 3 platform is used for WISE-3 reporting.

WISE dataflows

- [WISE SoE Data Flows](#)
- [Water Framework Directive](#)
- [Floods Directive](#)
- [Bathing Water Directive](#)
- [Drinking Water Directive](#)
- [Urban Waste Water Treatment Directive](#)

If you need support please contact [WISE SoE Helpdesk](#)

Last modified 2023/09/07. | [Legal notice](#)

https://cdr.eionet.europa.eu/help/WISE_SoE/wise3

3. WISE-3 data dictionary – overview (2/3)

You can access data dictionary along with the rest of the guidance documents in the dedicated webpage of the WISE-3 dataflow

European Environment Agency

EIONET Data Dictionary

You are here: Eionet » Data Dictionary » Dataset

Help and documentation

Datasets

Tables

Data elements

Schemas

Vocabularies

Services

Namespaces

View dataset definition

[Data model](#) [Tables](#)

Exports

Exports in PDF format

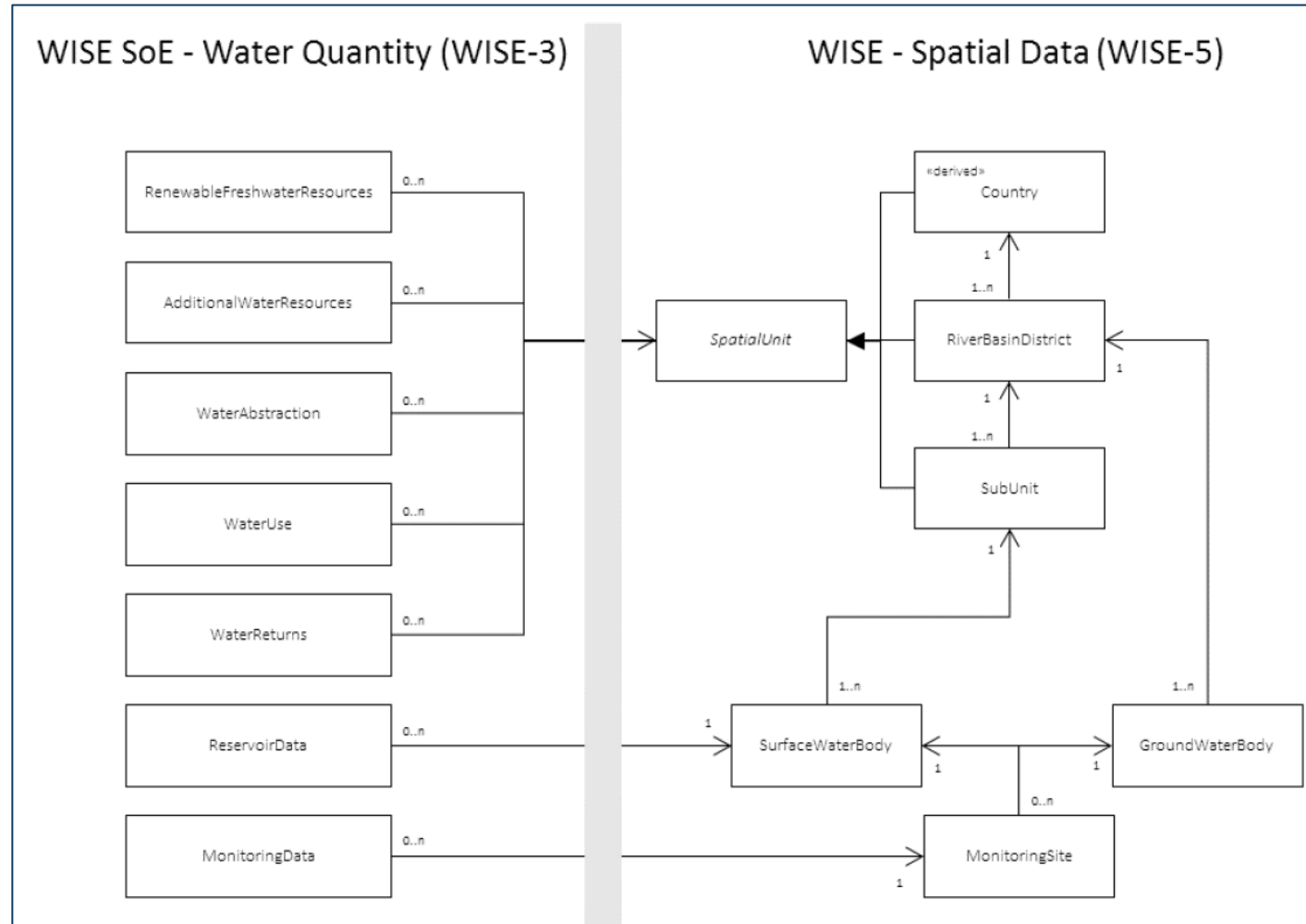
- Create technical specification for this dataset
- Create an XML Schema for this dataset - version 1
- Create an MS Excel template for this dataset - version 1
- Get the comma-separated codelists of this dataset
- Get the codelists of this dataset in XML format

Identifier	WISE-SoE_WaterQuantity
Short name	WISE SoE - Water Quantity
Registration status	Released 07 June 2022
Reference URL	http://dd.eionet.europa.eu/datasets/latest/WISE-SoE_WaterQuantity
Name	WISE SoE - Water Quantity (WISE-3)
Keywords	Water, water quantity
Short Description	Data on water quantity.
Definition	Data on freshwater resources, water abstraction and water use at regional level, reported by countries within the WISE-SoE reporting.

3. WISE-3 data dictionary – overview (3/3)

WISE-3 Water Quantity links with WISE-5 dataset per Identifier

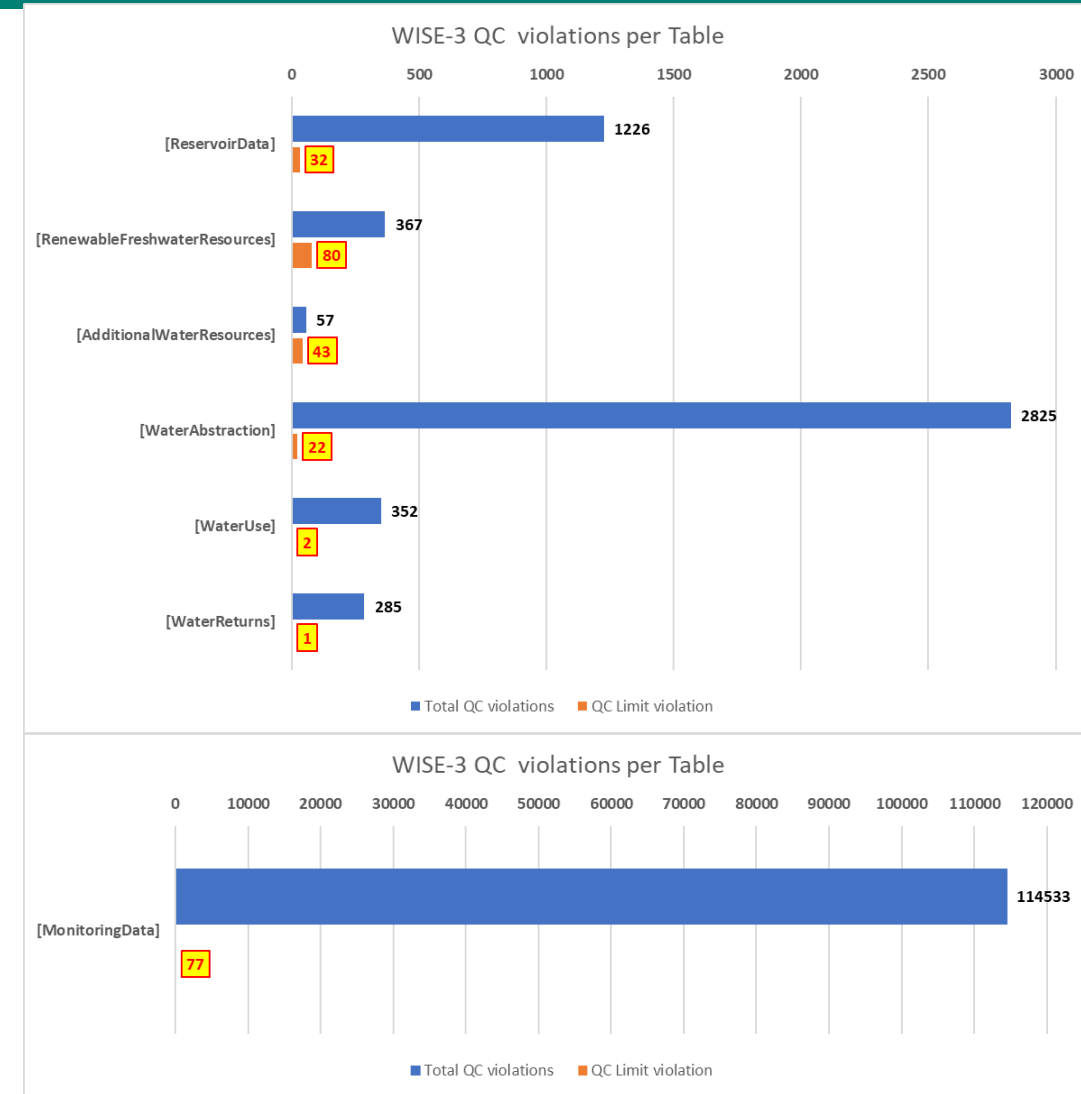
Spatial units need to be fully compatible with WFD and FD relative water bodies bodies (SWB , GWB)



4. WISE-3 quality issues (1/10)

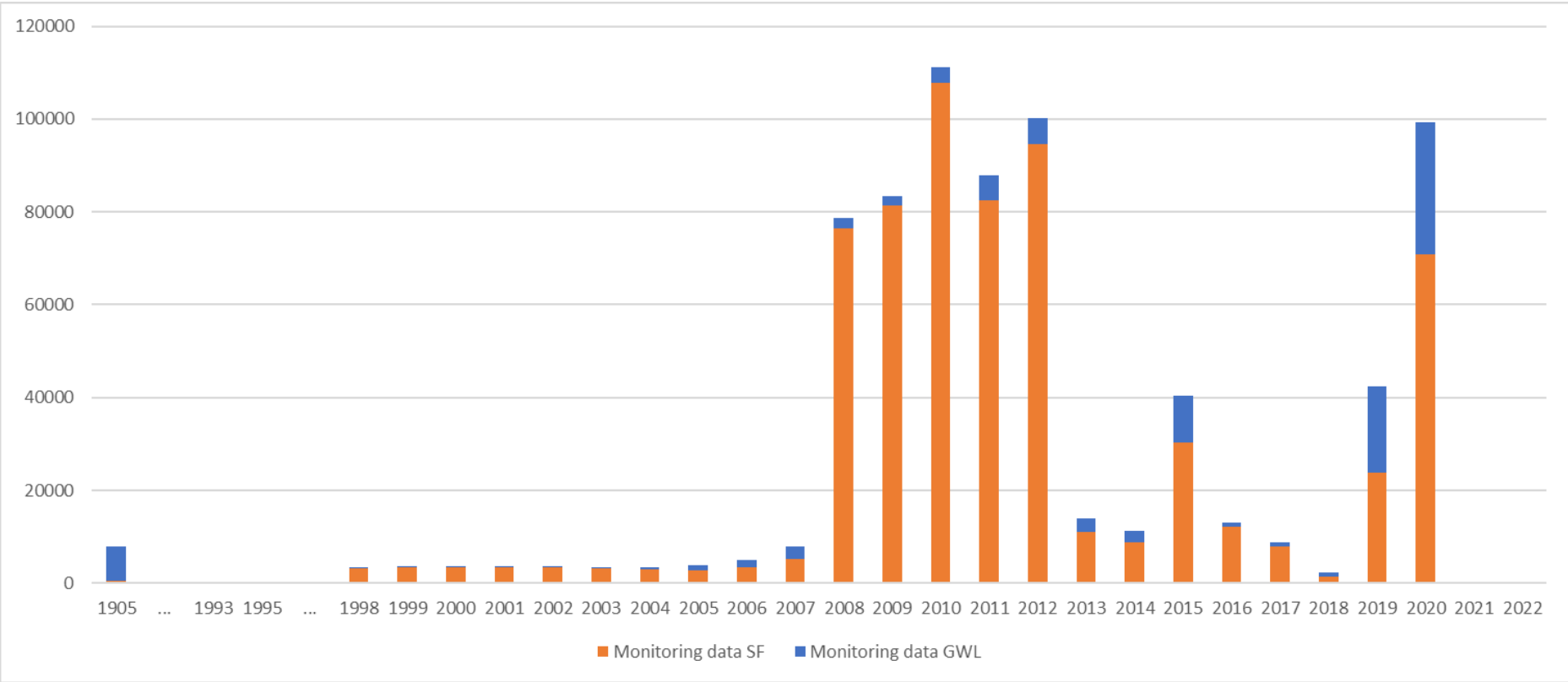
Quality issues and solutions are currently recognized via the QC processes algorithm running in the background when the reporting dataset is submitted

- The WISE-3 QC level 3 checks resulted in QC violations of various types, such as **outliers, errors in aggregates, oddly stable values, unknown or missing spatial IDs.**
- **These violations of the automated checks do not necessarily represent actual errors of the reported data.**
- Due to the recent update of the relevant limit values (first time applied in 2022 data call), the violations related to outliers received extra attention.



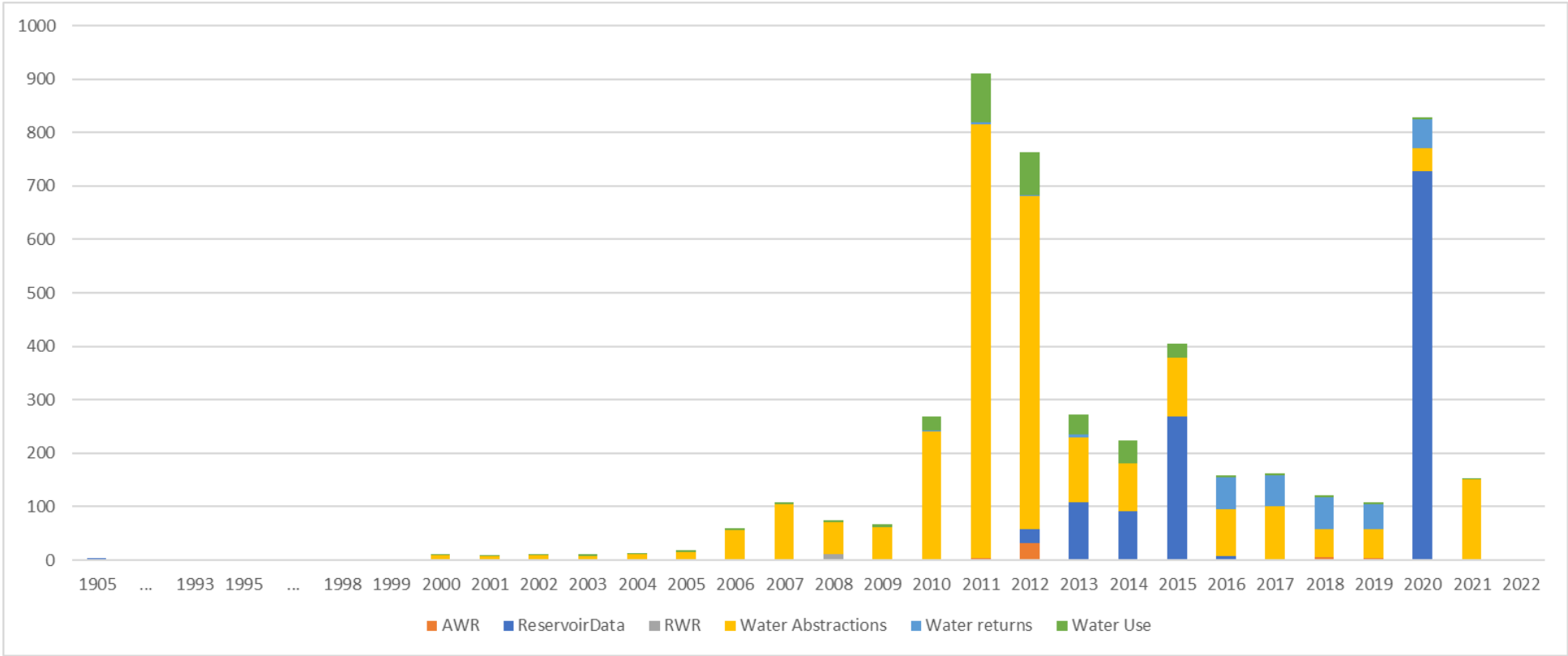
4. WISE-3 quality issues (2/10)

Quality Checks for monitoring data per identifiers



4. WISE-3 quality issues (3/10)

Quality Checks for the rest identifiers



4. WISE-3 quality issues (4/10)

Monitoring Data: Streamflow

- There are 24 countries, which have currently reported monitoring data on streamflow (any year), but QC violations were limited to only 9 of them.
- For all countries, except for 2, the QC violations were only related to missing or wrong spatial IDs.

Groundwater level

- There are 21 countries, which have currently reported monitoring data on groundwater levels (any year), but QC violations were limited to 17 of them
- The majority of QC violations were related to missing or wrong spatial IDs.
- In 5 countries there were also QC violations related to potential outliers.

QC violation type	SUM
QC_EQUAL_VALUE_ADJ: The [resultObservedValue] is equal in three or more adjacent, monthly or annual, timeseries records	43
QC_SPATIALID_UNKNOWN: The spatial unit identifier is not available in the current reference registry	50328
QC_SPATIALID_UNKNOWN: The spatial unit identifier is not available in the current reference registry;QC_EQUAL_VALUE_ADJ: The [resultObservedValue] is equal in three or more adjacent, monthly or annual, timeseries records	2

QC violation type	Sum
QC_LIMIT: Possible outlier - fails in the value limit test	77
QC_TC1: Possible outlier - fails in the difference limit of two subsequent timeseries values test	97
QC_EQUAL_VALUE_ADJ: The [resultObservedValue] is equal in three or more adjacent, monthly or annual, timeseries records	368
QC_SPATIALID_EIONET2WFD_MAPPING: Spatial identifier is unreliable due to an error in mapping from EIONET to WFD2010	1
QC_SPATIALID_UNKNOWN: The spatial unit identifier is not available in the current reference registry	2686

4. WISE-3 quality issues (5/10)

Reservoir data

- There are 14 countries, which have currently reported reservoir data (any year), but QC violations were only limited to 4 of them
- Almost all QC violations were related to missing or wrong spatial IDs.

Parameter	QC violation type	Sum
RINV	QC_LIMIT: Possible outlier - fails in the value limit test	15
RINV	QC_SPATIALID_UNKNOWN: The spatial unit identifier is not available in the current reference registry	520
ROUTV	QC_LIMIT: Possible outlier - fails in the value limit test	17
ROUTV	QC_SPATIALID_UNKNOWN: The spatial unit identifier is not available in the current reference registry	517
RSTOCK	QC_SPATIALID_UNKNOWN: The spatial unit identifier is not available in the current reference registry	157

4. WISE-3 quality issues (6/10)

Renewable freshwater resources

- There are 28 countries, which have currently reported data on renewable freshwater resources (any year), but QC violations were limited to 15 of them.
- The most common QC violations are related to identical monthly or annual values of volumes of renewable freshwater resources parameters in three or more consecutive months or years.
- In 4 countries there were also QC violations related to wrong aggregates.

Parameter	QC violation type	Sum
AQUI	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	33
AQUI	QC_STDEV: Possible outlier - fails in the standard deviation limit test	7
EVAP_TSP	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	3
EVAP_TSP	QC_STDEV: Possible outlier - fails in the standard deviation limit test	2
INFL	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	10
INFL	QC_STDEV: Possible outlier - fails in the standard deviation limit test	8
OUTFL	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	21
OUTFL	QC_STDEV: Possible outlier - fails in the standard deviation limit test	14
PRECIP	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	3
PRECIP	QC_LIMIT: Possible outlier - fails in the value limit test	3
PRECIP	QC_STDEV: Possible outlier - fails in the standard deviation limit test	13
PRECIP	QC_STDEV: Possible outlier - fails in the standard deviation limit test; QC_LIMIT: Possible outlier - fails in the value limit test	1
PRECIP	QC_SUM_ANNUAL: The sum of monthly values exceeds the annual value	169
SNOWP	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	3
SNOWP	QC_LIMIT: Possible outlier - fails in the value limit test	77

4. WISE-3 quality issues (7/10)

Additional water resources

- There are 20 countries, which have currently reported data on additional water resources (any year), but QC violations were limited to only 6 of them
- The majority of the QC violations are related to possible outliers from limit values or due to deviation from average.

Parameter	QC violation type	Sum
DSW_TOTAL	QC_LIMIT: Possible outlier - fails in the value limit test	10
DSW_TOTAL	QC_STDEV: Possible outlier - fails in the standard deviation limit test; QC_LIMIT: Possible outlier - fails in the value limit test	3
EXP	QC_STDEV: Possible outlier - fails in the standard deviation limit test	2
NFW_C_CL	QC_STDEV: Possible outlier - fails in the standard deviation limit test	1
NFW_D_CL	QC_LIMIT: Possible outlier - fails in the value limit test	9
NFW_TOTAL	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	6
NFW_TOTAL	QC_LIMIT: Possible outlier - fails in the value limit test	11
RECL_NACE_C	QC_STDEV: Possible outlier - fails in the standard deviation limit test	1
RECL_TOTAL	QC_STDEV: Possible outlier - fails in the standard deviation limit test	1
RUW_NACE_A011_A013	QC_LIMIT: Possible outlier - fails in the value limit test	13

4. WISE-3 quality issues (8/10)

Water abstraction

- There are 31 countries, which have currently reported data on water abstraction (any year), but QC violations were limited to 19 of them.
- The most common QC violations are related to **identical monthly or annual values** of volumes of water abstraction parameters (for any source and any sector) in three or more consecutive months or years, **possible outliers from limit values** or due to **deviation from average** and **wrong aggregates** (i.e. sum of monthly volumes exceeds the annual volume or sum of sub-sectorial volumes exceeds the sectorial volume).

4. WISE-3 quality issues (9/10)

Water use

- There are 28 countries, which have currently reported data on water use (any year), but QC violations were limited to only 8 of them.
- The number of QC violations is higher in water use data reported for manufacturing (NACE_C), energy (NACE_D) and agriculture or specifically irrigated agriculture (NACE_A or NACE_A011_A013).

Parameter	QC violation type	Sum
WU_DOM	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	3
WU_DOM	QC_STDEV: Possible outlier - fails in the standard deviation limit test	3
WU_DOM	QC_SUM_ANNUAL: The sum of monthly values exceeds the annual value	26
WU_NACE_A	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	16
WU_NACE_A	QC_NACE_WU001: The sum of the partial NACE category values exceeds the respective total NACE category value	7
WU_NACE_A	QC_STDEV: Possible outlier - fails in the standard deviation limit test	5
WU_NACE_A	QC_SUM_ANNUAL: The sum of monthly values exceeds the annual value	26
WU_NACE_A011_A013	QC_NACE_WU001: The sum of the partial NACE category values exceeds the respective total NACE category value	7
WU_NACE_A011_A013	QC_STDEV: Possible outlier - fails in the standard deviation limit test	5
WU_NACE_B	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	6
WU_NACE_B	QC_STDEV: Possible outlier - fails in the standard deviation limit test	4
WU_NACE_C	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	3
WU_NACE_C	QC_NACE_WU002: The sum of the partial NACE category values exceeds the respective total NACE category value	1
WU_NACE_C	QC_STDEV: Possible outlier - fails in the standard deviation limit test	2
WU_NACE_C	QC_SUM_ANNUAL: The sum of monthly values exceeds the annual value	26
WU_NACE_C_CL	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	60
WU_NACE_C_CL	QC_NACE_WU002: The sum of the partial NACE category values exceeds the respective total NACE category value	1
WU_NACE_C_CL	QC_STDEV: Possible outlier - fails in the standard deviation limit test	4
WU_NACE_D	QC_LIMIT: Possible outlier - fails in the value limit test	1
WU_NACE_D	QC_LIMIT: Possible outlier - fails in the value limit test;QC_STDEV: Possible outlier - fails in the standard deviation limit test	1
WU_NACE_D	QC_STDEV: Possible outlier - fails in the standard deviation limit test	2
WU_NACE_D_CL	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	46
WU_NACE_D_CL	QC_STDEV: Possible outlier - fails in the standard deviation limit test	3
WU_NACE_E36	QC_STDEV: Possible outlier - fails in the standard deviation limit test	3
WU_NACE_F	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	11
WU_NACE_F	QC_STDEV: Possible outlier - fails in the standard deviation limit test	3
WU_NACE_I	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	70
WU_NACE_I	QC_STDEV: Possible outlier - fails in the standard deviation limit test	2
WU_OTHER	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	3
WU_OTHER	QC_STDEV: Possible outlier - fails in the standard deviation limit test	2

4. WISE-3 quality issues (10/10)

Water returns

- There are 18 countries, which have currently reported data on water returns (any year), but QC violations were limited to only 5 of them.
- The QC violations are related to identical monthly values of volumes of water returns in three or more consecutive months and possible outliers from limit values or due to deviation from average.

Parameter	QC violation type	SUM
LOSS_LEAK	QC_STDEV: Possible outlier - fails in the standard deviation limit test	2
NON_TREATED_EFFL	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	128
NON_TREATED_EFFL	QC_LIMIT: Possible outlier - fails in the value limit test	121
NON_TREATED_EFFL	QC_STDEV: Possible outlier - fails in the standard deviation limit test	1
TREATED_EFFL	QC_EQUAL_VOLUME_ADJ: The [resultObservedVolume] is equal in three or more adjacent, monthly or annual, timeseries records	155
TREATED_EFFL	QC_STDEV: Possible outlier - fails in the standard deviation limit test	150

5. WISE-3 reporting in Reportnet 3

Landing page of Reportnet 3 (aka RN3)



Reportnet Login

The next generation for e-Reporting environmental and climate data

Reportnet 3 is the new e-Reporting platform for reporting environmental and climate data to the European Environment Agency (EEA). The platform embraces the strategic goals of the European Commission's Green Deal and Digital Strategy and hosts reporting tasks on behalf of EEA and the Commission.

The transition of reporting obligations from Reportnet 2 to Reportnet 3 will take a number of years. Therefore, Reportnet 2 will remain operational until all data flows are migrated and will then become an archive.

Reportnet 2 can be accessed here: <http://cdr.eionet.europa.eu/>

Need any help?
Please contact us at helpdesk@reportnet.europa.eu

Supporting documents:

- Login
- Reporter
- Requester
- Webforms
- API



Dataflow status

View by obligation dataflow status and download reported data

View by country dataflow status and download reported data

<https://reportnet.europa.eu/>

5. WISE-3 reporting in Reportnet 3

How to log in

 European Union

1



The next generation for e-Reporting environmental and climate data

Reportnet 3 is the new e-Reporting platform for reporting environmental and climate data to the European Environment Agency (EEA). The platform embraces the strategic goals of the European Commission's Green Deal and Digital Strategy and hosts reporting tasks on behalf of EEA and the Commission.

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Supporting documents:

- Login
- Reporter
- Requester
- Webforms
- API

Dataflow status

View by obligation dataflow status and download reported data

View by country dataflow status and download reported data

2

Overview of Reportnet 3 login process

User authentication is carried out on the EU login platform, hence you need to have an EU login account before you can be authenticated for Reportnet 3 access. In this guide you will find the steps for the following:

- Regular login process:** Where you already have an EU account and you have logged on to Reportnet 3 before
- Creating an EU login account:** Where you do not have an EU account
- Logging on for the first time:** Where you have an EU account but you have not logged on to Reportnet 3 before

Contact helpdesk if you need support:
helpdesk@reportnet.europa.eu

<https://reportnet.europa.eu/>

https://www.eionet.europa.eu/reportnet/docs/prod/howto_login_reportnet3

5. WISE-3 reporting in Reportnet 3

How To read the technical guidance

European Union

1

The screenshot shows the top part of the Reportnet 3 Reporter HowTo page. It features the Reportnet logo, a 'Login' button, and a large graphic of interconnected nodes. The main heading is 'The next generation for e-Reporting environmental and climate data'. Below this, there are two columns of text explaining the transition from Reportnet 2 to Reportnet 3. On the right side, there are links for 'Need any help?' and 'Supporting documents:' with a hand icon pointing to the 'Login' link.

The next generation for e-Reporting environmental and climate data

Reportnet 3 is the new e-Reporting platform for reporting environmental and climate data to the European Environment Agency (EEA). The platform embraces the strategic goals of the European Commission's Green Deal and Digital Strategy and hosts reporting tasks on behalf of EEA and the Commission.

The transition of reporting obligations from Reportnet 2 to Reportnet 3 will take a number of years. Therefore, Reportnet 2 will remain operational until all data flows are migrated and will then become an archive.

Reportnet 2 can be accessed here: <http://cdr.eionet.europa.eu/>

Need any help?
Please contact us at helpdesk@reportnet.europa.eu

Supporting documents:

- Login
- Reporter
- Requester
- Webforms
- API

Dataflow status

View by obligation
dataflow status and
download reported data

View by country dataflow
status and download
reported data

The screenshot shows the 'Reportnet 3 Reporter HowTo' page, dated 14-01-2022. It features a large red circle with the number '2' in the top left corner. The page title is 'Reportnet 3 Reporter HowTo (14-01-2022)'. Below the title is a 'Contents' section with a detailed table of contents listing various topics and their corresponding page numbers. At the bottom right, there is a support email address and page number.

Reportnet 3 Reporter HowTo
European Environment Agency

Reportnet 3 Reporter HowTo
(14-01-2022)

Contents

Contents	1
1 Logging on	3
1.1 How to log on to the production platform	3
1.2 How to log on to the test platform	3
1.3 How to change my profile picture	3
1.4 How to change my global settings	3
1.5 How to log off	3
2 Dataflows	5
2.1 Dataflows overview	5
2.2 How to sort and filter my dataflow list	5
2.3 How to pin a dataflow	6
3 Dataflow	7
3.1 Dataflow overview	7
3.1.1 How to add reporters to my dataflow	8
3.1.2 How to submit the data	9
3.1.3 How to show/hide released data	11
3.1.4 How to consult Reported data publicly available	11
3.1.5 How to receive technical acceptance review	13
3.1.6 How to submit an updated version of the data	15
3.1.7 How to generate API-key	15
3.1.8 How to consult Historic Releases	16
3.1.9 How to Communicate with Custodian	17
3.1.10 How to check dataflow users list	18
3.2 Dataflow support documents	19
3.3 Dataset schema	20
3.3.1 How to add records through the web interface	20
3.3.2 How to edit records through the web interface	21
3.3.3 How to import records to a table from a CSV file	21
3.3.4 How to import records to a table from a custom template file	21
3.3.5 How to load data from a previous reporting	21
3.3.6 How to filter table data	22
3.3.7 How to load data for a Point field	23

Support: helpdesk@reportnet.europa.eu
Page | 1

https://www.eionet.europa.eu/reportnet/docs/prod/reporter_howto_reportnet3

5. WISE-3 reporting in Reportnet 3

WISE-3 Reporting guidance for RN3

1

European Environment Agency

EIONET
Central Data Repository

You are here: Eionet > CDR > General Help > WISE SoE > WISE SoE - Water Quantity (WISE-3)

Navigation

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

Account Services

- I have
- lost my password

WISE SoE - Water Quantity (WISE-3)

The following material is intended for national reporters of WISE-3 data. It describes how to use Reportnet during with the reporting process and how to improve the quality of deliveries.

Dataflow specific instructions

- Reporting obligation
- Data dictionary
- WISE SoE - Water Quantity (WISE-3) Reporters
- WISE-3 Reporting guidance for Reportnet 3
- WISE3 CDR QC tests
- WISE3 ObservedProperty QC reference

Changes from the 2022 data call

There are no changes to the WISE-3 data model used in the 2022 data call. Starting from 2022, the Reportnet 3 platform is used for WISE-3 reporting.

WISE dataflows

- WISE SoE Data Flows
- Water Framework Directive
- Floods Directive
- Bathing Water Directive
- Drinking Water Directive
- Urban Waste Water Treatment Directive

If you need support please contact [WISE SoE Helpdesk](#)

Last modified 2023/09/07. | [Legal notice](#)

2

European Environment Agency

Reporting guidance for SoE WISE-3 Water quantity using Reportnet 3

Date: December 2022

Document History

Version	Date	Author(s)	Remarks
1.0	05-12-2022	AU, CV, CW, FM, JBM, MF, SS	

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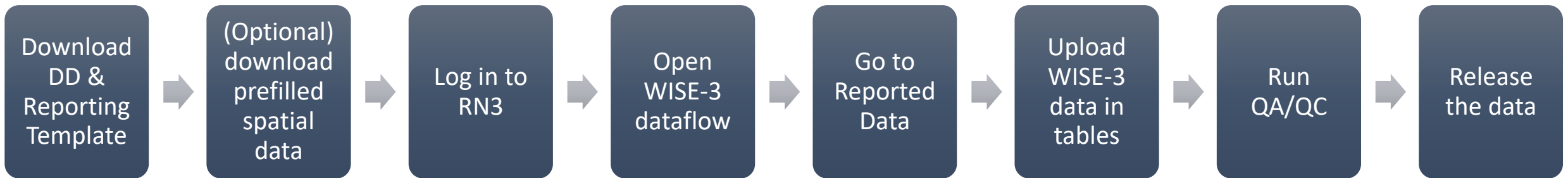
https://cdr.eionet.europa.eu/help/WISE_SoE/wise3

https://cdr.eionet.europa.eu/help/WISE_SoE/wise3/How to use Reportnet 3 for WISE3 reporting 20221205.pdf



5. WISE-3 reporting in Reportnet 3

Reporting process



https://cdr.eionet.europa.eu/help/WISE_SoE/wise3

[https://cdr.eionet.europa.eu/help/WISE_SoE/wise3/How to use Reportnet 3 for WISE3 reporting_20221205.pdf](https://cdr.eionet.europa.eu/help/WISE_SoE/wise3/How_to_use_Reportnet_3_for_WISE3_reporting_20221205.pdf)

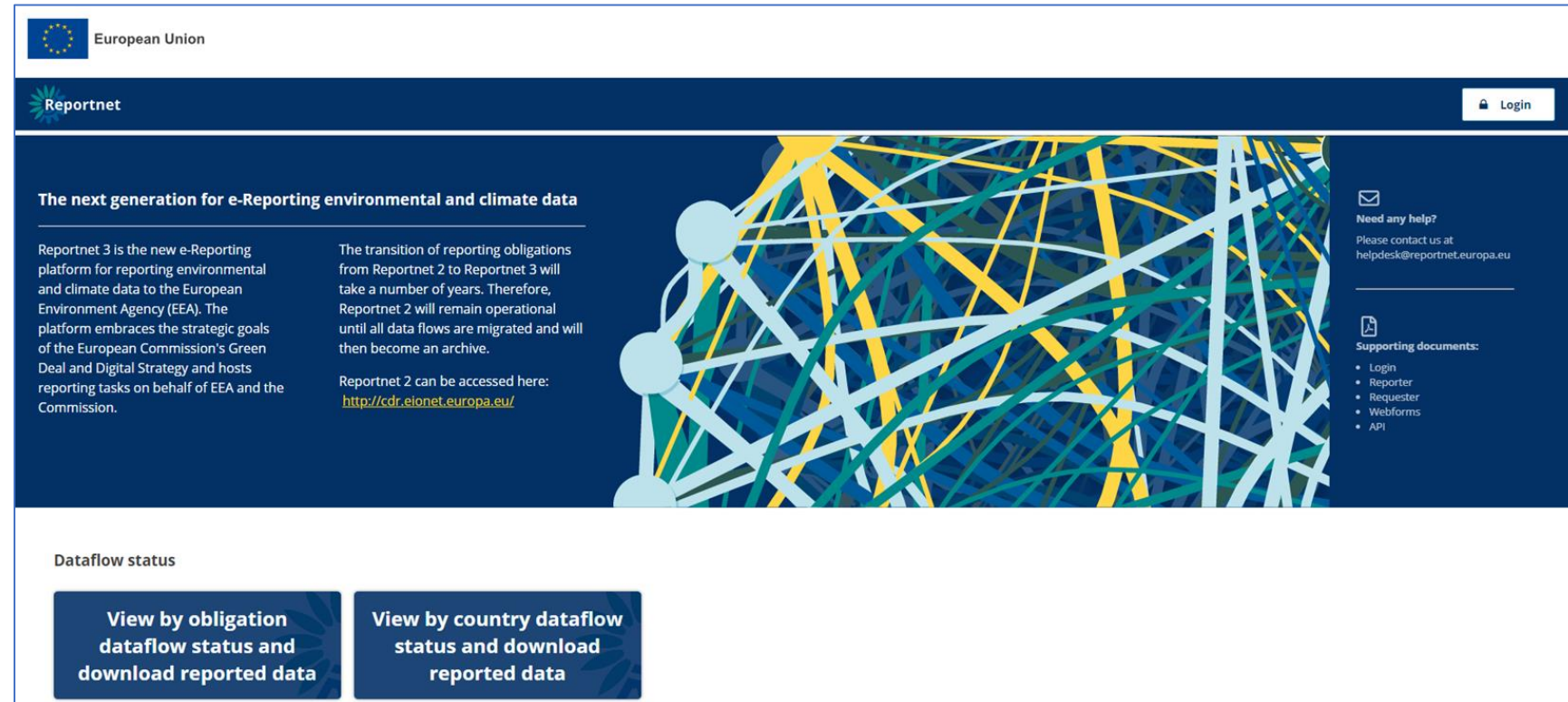
Questions/Answers

Agenda item 3 - How to report data to WISE 3 in the Reportnet 3



George Bariamis (ETC/BE, BRiS) October 2nd, 2023

WISE-3 reporting in Reportnet 3



The screenshot shows the Reportnet 3 website interface. At the top left is the European Union logo and the text "European Union". Below it is the "Reportnet" logo. In the top right corner, there is a "Login" button. The main content area features a large graphic of a network with nodes and connecting lines in yellow, green, and blue. The text on the page includes:

The next generation for e-Reporting environmental and climate data

Reportnet 3 is the new e-Reporting platform for reporting environmental and climate data to the European Environment Agency (EEA). The platform embraces the strategic goals of the European Commission's Green Deal and Digital Strategy and hosts reporting tasks on behalf of EEA and the Commission.

The transition of reporting obligations from Reportnet 2 to Reportnet 3 will take a number of years. Therefore, Reportnet 2 will remain operational until all data flows are migrated and will then become an archive.

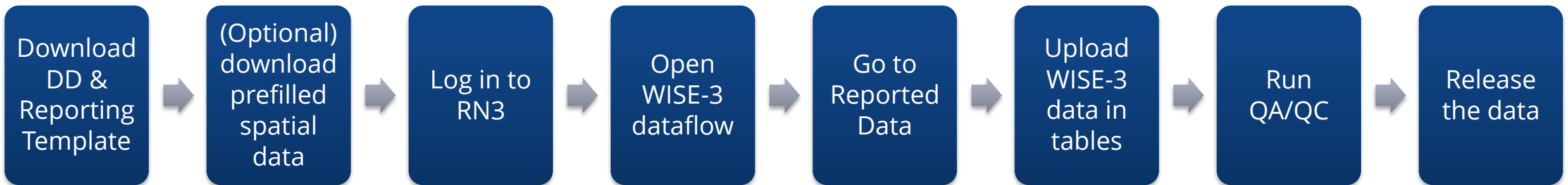
Reportnet 2 can be accessed here: <http://cdr.eionet.europa.eu/>

On the right side, there is a "Need any help?" section with the contact email helpdesk@reportnet.europa.eu. Below that is a "Supporting documents:" section with a list of links: Login, Reporter, Requester, Webforms, and API.

At the bottom, there is a "Dataflow status" section with two buttons: "View by obligation dataflow status and download reported data" and "View by country dataflow status and download reported data".

<https://reportnet.europa.eu/>

WISE-3 reporting in Reportnet 3



Reportnet 3 > Dataflows

The screenshot shows the Reportnet 3 Dataflows interface. At the top, there is a navigation bar with the European Union logo and the text "Reportnet 3 > Dataflows". Below this, there are three tabs: "Reporting dataflows (1)", "Business dataflows (0)", and "Citizen science dataflows (0)". The "Reporting dataflows (1)" tab is active. Below the tabs, there is a table with columns: Name, Description, Legal instrument, Obligation, and Obligation id. The table contains one entry: "WISE 3 - 2023". The description is "Data on freshwater resources, water abstraction and water use at regional level." The legal instrument is "EEA AWP" and the obligation is "WISE SoE - Water Quantity (WISE-3)". The delivery date is "2026-09-16" and the delivery status is "MULTIPLE". The dataflow status is "OPEN". There are also filters for Role, Status, Pinned, and Delivery date range. A "Filter" button and a "Reset" button are present. The total number of dataflows is 1.

Name	Description	Legal instrument	Obligation	Obligation id
WISE 3 - 2023	Data on freshwater resources, water abstraction and water use at regional level.	EEA AWP	WISE SoE - Water Quantity (WISE-3)	

Role: LEAD REPORTER
Delivery date: 2026-09-16
Delivery status: MULTIPLE
Dataflow status: OPEN

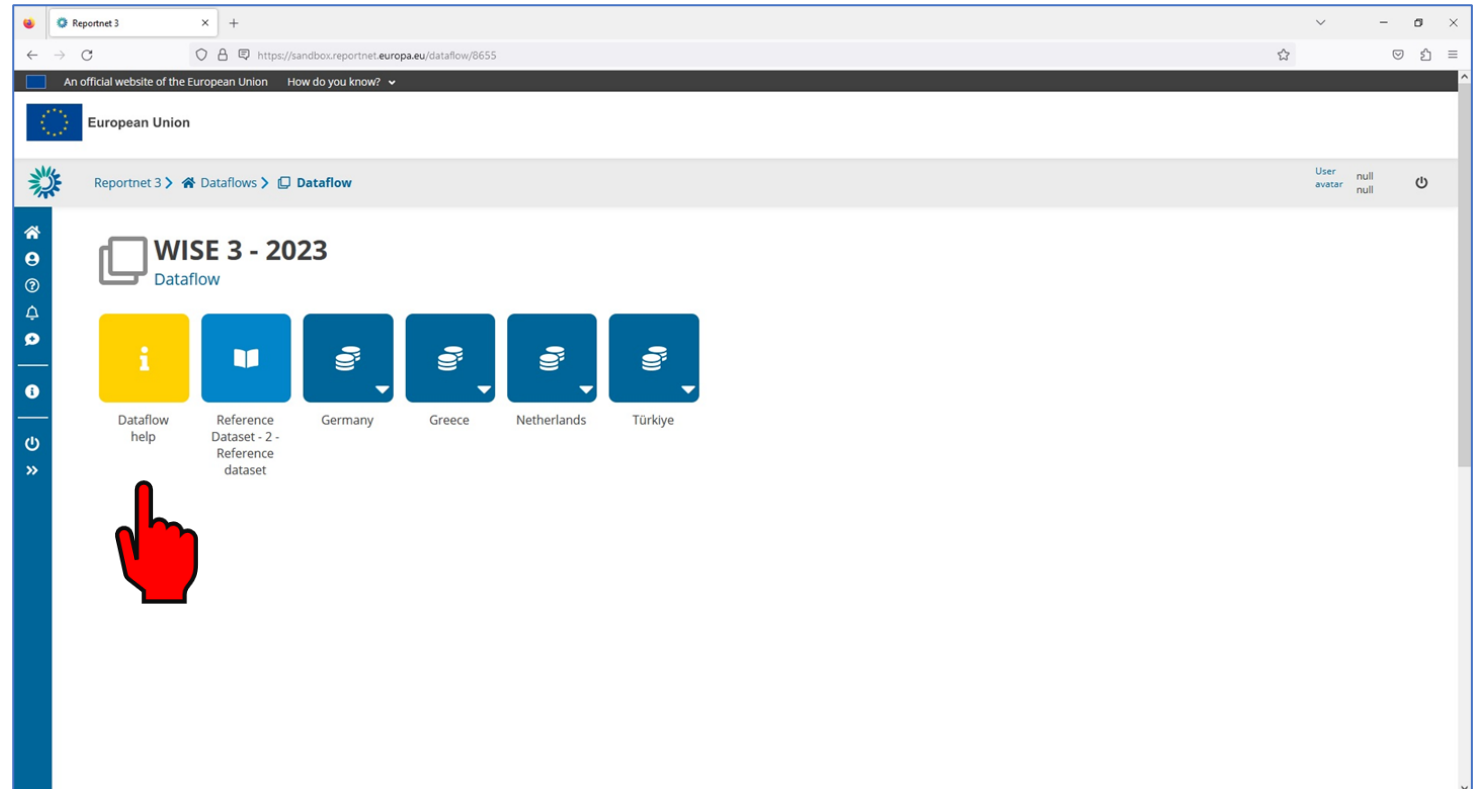
Total: 1 dataflows

Dataflow help

Here you find three tabs showing WISE-3 specific information:

- Supporting documents
- Web links How to use Reportnet 3 for WISE-3 reporting
- Dataset schemas

This tab contains information similar to the WISE-3 Data Dictionary, list of relevant QC rules, specification of fields creating together unique keys for each table and information on external integrations



Dataflow help > Dataset schemas > Tables

The screenshot shows a web browser window displaying the Reportnet 3 interface. The browser address bar shows the URL: <https://sandbox.reportnet.europa.eu/dataflow/8655/documents>. The page header includes the European Union logo and the text "European Union". The breadcrumb navigation shows: Reportnet 3 > Dataflows > Dataflow > Dataflow help. The user profile is "User: null" and "Avatar: null".

Dataflow help

WISE 3 - 2023

Supporting documents | Web links | **Dataset schemas** |

Download schema/s info | Refresh

Dataset schemas

- 1 - Reporting data
- 2 - Reference dataset

1 - Reporting data ↑

Dataset description: Data on freshwater resources, water abstraction and water use at regional level, reported by countries within the WISE-SoE reporting. See full dataset definition at <https://dd.eionet.europa.eu/datasets/3223>

Available in public: ✓

Reference dataset: ✗

Tables & Fields | QC rules | Uniques | External integrations

Export tables definitions | Collapse all

- > MonitoringData
- > ReservoirData
- > RenewableFreshwaterResources
- > AdditionalWaterResources

Dataflow help > Reporting data > Tables & fields

The screenshot shows a web browser window with the URL <https://sandbox.reportnet.europa.eu/dataflow/8655/documents>. The breadcrumb navigation is Reportnet 3 > Dataflows > Dataflow > Dataflow help. The page title is 'Dataset schemas' and it lists two sections: '1 - Reporting data' and '2 - Reference dataset'. Under '1 - Reporting data', there is a 'Dataset description' about freshwater resources, 'Available in public' status (checked), and 'Reference dataset' status (unchecked). A navigation bar contains 'Tables & Fields', 'QC rules', 'Uniques', and 'External integrations'. The 'Tables & Fields' tab is active and highlighted in yellow, with a red hand icon pointing to it. Below this tab, there are options to 'Export tables definitions' and 'Collapse all'. A list of table names is shown, each with a right-pointing chevron: 'MonitoringData', 'ReservoirData', 'RenewableFreshwaterResources', 'AdditionalWaterResources', 'WaterAbstraction', 'WaterUse', and 'WaterReturns'. A large orange rounded rectangle highlights this list. At the bottom, the '2 - Reference dataset' section is partially visible, showing 'Dataset description: -' and 'Available in public: ✗'. A second red hand icon points to the left sidebar area.

Dataflow help > Reporting data > Tables & fields > RWR

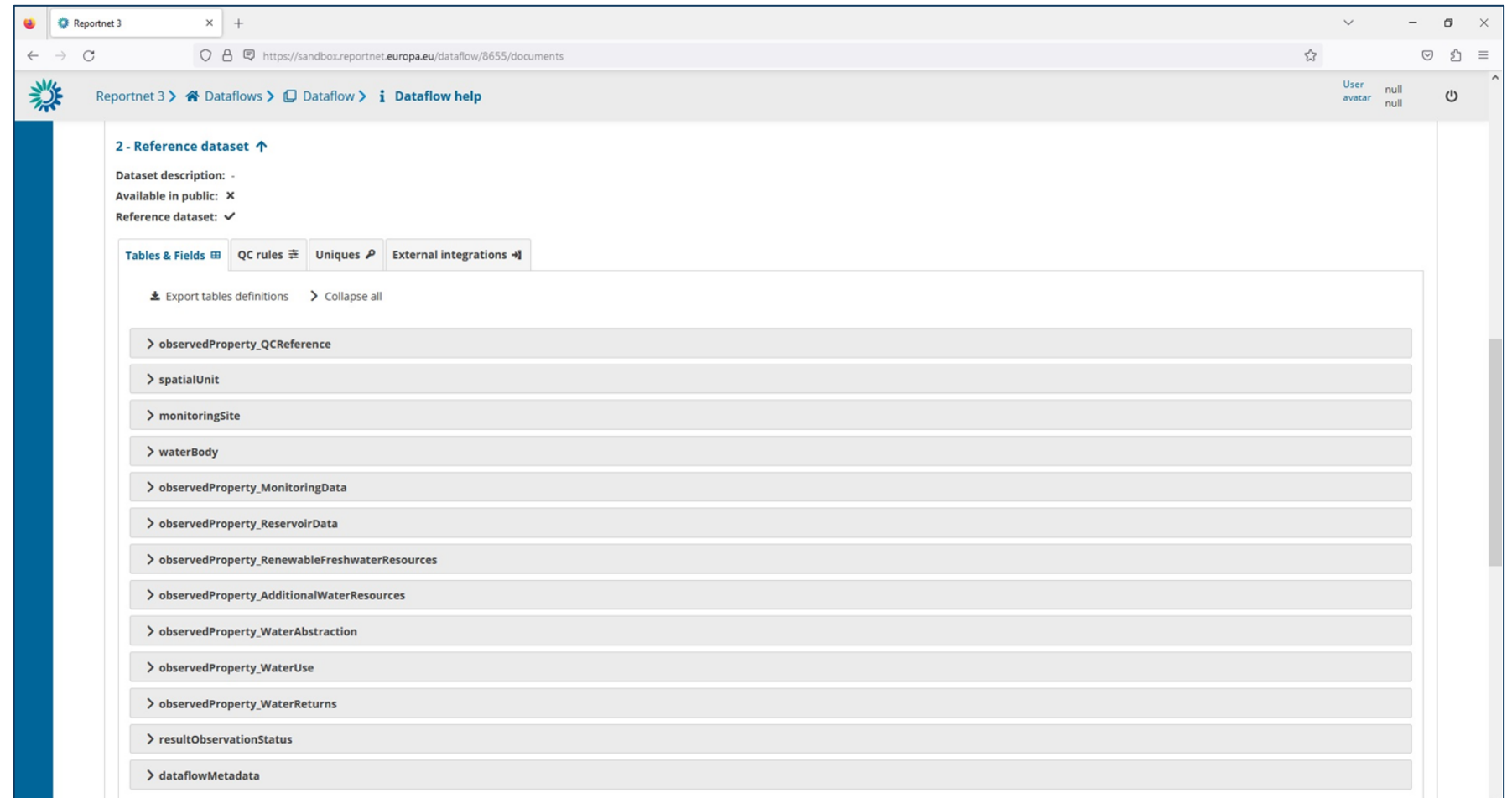
Example Table: Renewable freshwater resources

The screenshot shows the Reportnet 3 interface for the 'RenewableFreshwaterResources' table. The table is highlighted in yellow. Below the table name, there is a description and several properties: Read only: x, Prefilled: x, Fixed number of records: x, and Mandatory table: x. A red hand icon points to the 'Description' column header in the table definition table below.

Primary key	Required	Read only	Name	Description	Type	Single/Multiple select items	Format	Reference field
	✓		spatialUnitIdentifier	Unique international identifier of the spatial unit for which the data is being reported. If the spatial unit is a WFD sub-unit: - use the European unique identifier reported under the "Water Framework Directive - River Basin Management Plans - 2016 Spatial data" obligation; - use 'euSubUnitCode' in the field spatialUnitIdentifierScheme. If the spatial unit is a Water Framework Directive (WFD) River Basin District (RBD): - use the European unique identifier reported under the "Water Framework Directive - River Basin Management Plans - 2016 Spatial data" obligation; - use 'euRBDCode' in the field spatialUnitIdentifierScheme. For spatial units not reported under the Water Framework Directive: - use the unique EIONET code of the spatial unit; - use 'eionetSubUnitCode' or 'eionetRBDCode', as applicable, in the field spatialUnitIdentifierScheme. Note that the geometry and characteristics of the spatial unit should then be reported under the "WISE - Spatial Data (WISE-S)" data flow. If the spatial unit is the country: - use the 2-alpha character ISO country code. The following exceptions apply: for Greece use 'EL'; for the United Kingdom, use 'UK', and - use 'countryCode' in the field spatialUnitIdentifierScheme.	Text	I	Maximum of 10000 characters	

Dataset schemas > Reference dataset

Reference data cannot be edited by reporters.



The screenshot shows the Reportnet 3 web interface. The browser address bar displays the URL: <https://sandbox.reportnet.europa.eu/dataflow/8655/documents>. The breadcrumb navigation path is: Reportnet 3 > Dataflows > Dataflow > Dataflow help. The user profile in the top right corner shows 'User avatar null null'.

The main content area is titled '2 - Reference dataset ↑'. Below the title, the following information is displayed:

- Dataset description: -
- Available in public: ✕
- Reference dataset: ✓

There are four tabs: 'Tables & Fields' (selected), 'QC rules', 'Uniques', and 'External integrations'. Below the tabs, there are two links: 'Export tables definitions' and 'Collapse all'.

The 'Tables & Fields' tab contains a list of fields, each with a right-pointing chevron icon:

- observedProperty_QCReference
- spatialUnit
- monitoringSite
- waterBody
- observedProperty_MonitoringData
- observedProperty_ReservoirData
- observedProperty_RenewableFreshwaterResources
- observedProperty_AdditionalWaterResources
- observedProperty_WaterAbstraction
- observedProperty_WaterUse
- observedProperty_WaterReturns
- resultObservationStatus
- dataflowMetadata

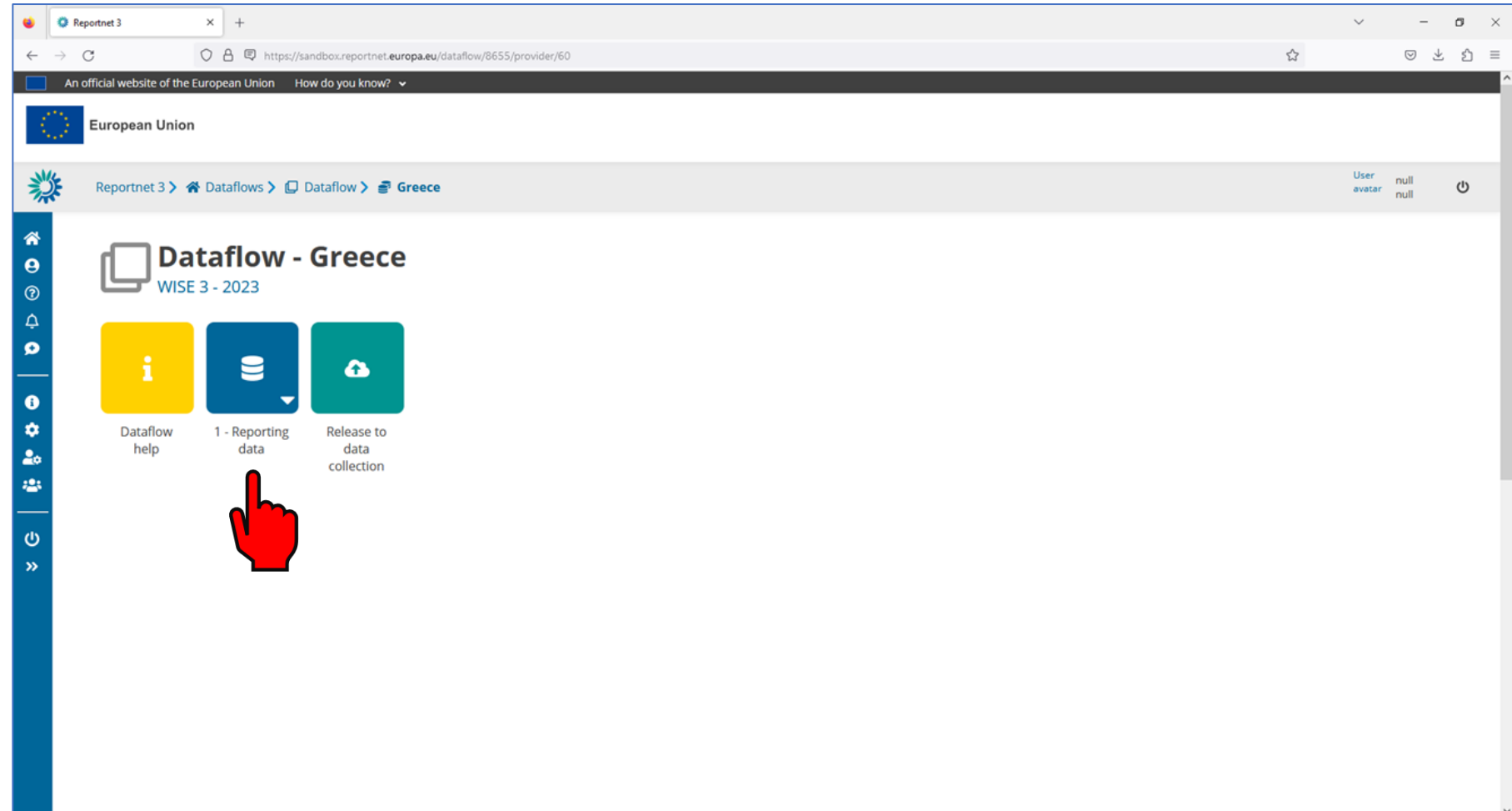
WISE-3 reporting

Example case: Greece

The screenshot shows a web browser window with the URL <https://sandbox.reportnet.europa.eu/dataflow/8655>. The page header includes the European Union logo and the text "European Union". Below the header, there is a navigation bar with "Reportnet 3", "Dataflows", and "Dataflow" links. A user profile section shows "User avatar null null" and a power icon. The main content area is titled "WISE 3 - 2023 Dataflow" and contains a row of six buttons: "Dataflow help" (yellow), "Reference Dataset - 2 - Reference dataset" (blue with book icon), "Germany" (blue with database icon), "Greece" (blue with database icon), "Netherlands" (blue with database icon), and "Türkiye" (blue with database icon). A red hand cursor is pointing at the "Greece" button. A vertical sidebar on the left contains various navigation icons.

Dataflow > Reporting data

Reporting data
Here you can upload
and validate the data



Reporting data

- Here we can upload the filled WISE-3 template containing your data delivery.
- It is also possible to import each data table separately.
- Available data formats for import files: .xls, .xlsx and .csv

The screenshot shows the Reportnet 3 web interface. The browser address bar displays the URL: <https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d3102eb7c0f0001c676d3>. The page header includes the European Union logo and the text "European Union". The breadcrumb navigation shows: Reportnet 3 > Dataflows > Dataflow > Greece > Dataset. The main content area is titled "1 - Reporting data Pending" with a subtitle "WISE 3 - 2023 - Greece". Below the title, there are buttons for "Import dataset data", "Export dataset data", and "Delete dataset data". A yellow highlighted bar contains several data table names: "MonitoringData", "ReservoirData", "RenewableFreshwaterResources", "AdditionalWaterResources", "WaterAbstraction", "WaterUse", and "WaterReturns". Below this bar, there are buttons for "Import table data", "Export table data", and "Delete table data". A red hand icon points to the "Import table data" button. The table management section includes a "Validation filter" and a "Filter by value" search box. The table has columns: "Actions", "Validations", "monitoringSiteIdentifier", "monitoringSiteIdentifierScheme", "observedProperty", "phenomenonTimePeriod", "resultObservedValue", and "result". The table is currently empty, showing "Total: 0 records". There are also buttons for "Add record" and "Paste records".

Reporting data

- The application will automatically extract the national data from the uploaded file and transfer it into the dataset
- The originally uploaded file itself is not stored on the platform.
- Notifications in the top right will inform you the import has started and when it has finished
- Use the Refresh button afterwards, to display the uploaded data

The screenshot displays the Reportnet 3 web application interface. At the top, there is a navigation bar with the European Union logo and the text 'Reportnet 3 > Dataflows > Dataflow > Greece > Dataset'. Below this, the main content area shows a dataset titled '1 - Reporting data' with a status of 'Pending' and the subtitle 'WISE 3 - 2023 - Greece'. A toolbar contains several action buttons: 'Import dataset data', 'Export dataset data', 'Delete dataset data', 'Validate', 'Show validations', 'QC rules', 'Dashboards', 'Manage copies', and 'Refresh'. Below the toolbar, there is a horizontal menu with tabs for 'MonitoringData', 'ReservoirData', 'RenewableFreshwaterResources', 'AdditionalWaterResources', 'WaterAbstraction', 'WaterUse', and 'WaterReturns'. A red hand icon points to the 'Refresh' button in the top right corner. Below the menu, there is a table view with columns for 'Actions', 'Validations', 'monitoringSiteIdentifier', 'monitoringSiteIdentifierScheme', 'observedProperty', 'phenomenonTimePeriod', 'resultObservedValue', and 'result'. The table shows 'Total: 0 records' and a 'Go to 1 of 1' indicator. A 'Paste records' button is visible at the bottom right of the table area.

Reportnet 3

https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700

An official website of the European Union How do you know?

European Union

Reportnet 3 > Dataflows > Dataflow > Greece > Dataset

User avatar null null

1 - Reporting data *Pending*

WISE 3 - 2023 - Greece

Import dataset data Export dataset data

MonitoringData ReservoirData

Import table data

Actions Validations spatial

Rows per page 100

+ Add record

Import data in table WaterUse

+ Select or drag here a file

EL_wateruse_csv.csv 1.94 KB

Replace data

Reset Upload Close

QC rules Dashboards Manage copies Refresh

WaterReturns

Filter by value

phenomenonTimePeriod resultObservedVolume

Total: 0 records

Paste records

Reportnet 3

https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700

An official website of the European Union

European Union

Reportnet 3 > Dataflows > Dataflow > Greece > Dataset

User avatar null null

1 - Reporting data *Pending*

WISE 3 - 2023 - Greece

Import dataset data Export dataset data Delete dataset data Validate Show validations QC rules Dashboards Manage copies Refresh


MonitoringData ReservoirData RenewableFreshwaterResources AdditionalWaterResources WaterAbstraction **WaterUse** WaterReturns

Import in progress Export table data Delete table data Show/Hide columns Validation filter Filter by value

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	observedProperty	phenomenonTimePeriod	resultObservedVolume
Rows per page 100 Go to 1 of 1 Total: 0 records						

+ Add record Paste records

INFO The dataset WaterUse is loading...



Reportnet 3

https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700

An official website of the European Union

European Union

Reportnet 3 > Dataflows > Dataflow > Greece > Dataset

User avatar null null

1 - Reporting data *Pending*

WISE 3 - 2023 - Greece

Import dataset data Export dataset data Delete dataset data Validate Show validations QC rules Dashboards Refresh

MonitoringData ReservoirData RenewableFreshwaterResources AdditionalWaterResources WaterAbstraction WaterUse WaterReturns



Import table data Export table data Delete table data Show/Hide columns Validation filter Filter by value

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	observedProperty	phenomenonTimePeriod	resultObservedVolume
Total: 0 records						

Rows per page 100 Go to 1 of 1

+ Add record Paste records

SUCCESS
Loaded data completed at Greece



Reportnet 3

https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700

An official website of the European Union

European Union

Reportnet 3 > Dataflows > Dataflow > Greece > Dataset

User avatar null null

1 - Reporting data Pending

Notifications

Message	Level	Date	Action
Loaded data completed at Greece	SUCCESS	2023-10-01 18:56:58	https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292
The dataset WaterUse is loading...	INFO	2023-10-01 18:56:53	
Schemas info file generated successfully	SUCCESS	2023-10-01 15:37:49	
Downloading schemas information file	INFO	2023-10-01 15:37:45	

Rows per page: 10

Go to 1 of 1 Total: 4

Close

EL10	euSubUnitCode	WU_NACE_B	2011	2.65
EL10	euSubUnitCode	WU_NACE_C	2011	36
EL03	euRBDCode	WU_DOM	2011	39.1
EL01	euRBDCode	WU_DOM	2011	51.5
EL02	euRBDCode	WU_DOM	2011	78

Refresh to display uploaded records

The screenshot shows the Reportnet 3 web interface. The browser address bar indicates the URL: <https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700>. The page title is "1 - Reporting data Pending" for "WISE 3 - 2023 - Greece". The interface includes a navigation menu on the left with options like "Dataflows", "User profile details", "Help", "Notifications", "System notifications", and "Logout". The main content area shows a dataset view with a table of data. The table has columns for "Actions", "Validations", "spatialUnitIdentifier", "spatialUnitIdentifierScheme", "observedProperty", "phenomenonTimePeriod", and "resultObservedVolume". The data rows show various spatial units and their corresponding observed volumes for the year 2011. A red hand icon points to the "Refresh" button in the top right of the dataset view.

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	observedProperty	phenomenonTimePeriod	resultObservedVolume
		EL10	euSubUnitCode	WU_DOM	2011	103
		EL10	euSubUnitCode	WU_NACE_A	2011	1192
		EL10	euSubUnitCode	WU_NACE_A011_A013	2011	1183
		EL10	euSubUnitCode	WU_NACE_B	2011	2.65
		EL10	euSubUnitCode	WU_NACE_C	2011	36
		EL03	euRBDCode	WU_DOM	2011	39.1
		EL01	euRBDCode	WU_DOM	2011	51.5
		EL02	euRBDCode	WU_DOM	2011	78



Reportnet 3

https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700

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Reportnet 3 > Dataflows > Dataflow > Greece > Dataset

User avatar null null

1 - Reporting data *Pending*

















WISE 3 - 2023 - Greece

Import dataset data Export dataset data Delete dataset data Validate Show validations QC rules Dashboards Manage copies Refresh

Delete dataset data

Are you sure you want to delete the dataset data? You won't be able to recover it, please consider creating a copy before.

Yes No

Actions	Validations	MonitoringData	Rese	Filter by value
 				
 		EL10	euSubUnitCode	WU_NACE_A
 		EL10	euSubUnitCode	WU_NACE_A011_A013
 		EL10	euSubUnitCode	WU_NACE_B
 		EL10	euSubUnitCode	WU_NACE_C
 		EL03	euRBDCCode	WU_DOM
 		EL01	euRBDCCode	WU_DOM
 		EL02	euRBDCCode	WU_DOM

Validation

The screenshot shows the Reportnet 3 web interface. The browser address bar displays the URL: <https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700>. The page header includes the European Union logo and the text "An official website of the European Union". The breadcrumb navigation shows: Reportnet 3 > Dataflows > Dataflow > Greece > Dataset. The main content area displays "1 - Reporting data Pending" for "WISE 3 - 2023 - Greece". A "Validate" button is highlighted with a red hand icon. A modal dialog box titled "Validate dataset" is open, asking "This action will take some minutes and it will run in background. Do you want to continue with the validation?". The "Yes" button in the dialog is also highlighted with a red hand icon.

Actions	Validations	euSubUnitCode	WU_NACE_A	2011	resultObservedVolume
		EL10	WU_NACE_A	2011	103
		EL10	WU_NACE_A011_A013	2011	1183
		EL10	WU_NACE_B	2011	2.65
		EL10	WU_NACE_C	2011	36
		EL03	WU_DOM	2011	39.1
		EL01	WU_DOM	2011	51.5
		EL02	WU_DOM	2011	78

Validation is a laborious process

Reportnet 3

https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700

European Union

Reportnet 3 > Dataflows > Dataflow > Greece > Dataset

User avatar null null

1 - Reporting data Pending
WISE 3 - 2023 - Greece

INFO
Validating 1 - Reporting data (Greece)

Import dataset data Export dataset data Delete dataset data **Validation in progress** Show validations QC rules Dashboards Manage copies Refresh

MonitoringData ReservoirData RenewableFreshwaterResources **AdditionalWaterResources** WaterAbstraction WaterUse WaterReturns

Import table data Export table data Delete table data Show/Hide columns Validation filter Filter by value

















Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	observedProperty	phenomenonTimePeriod	resultObservedVolume
		EL10	euSubUnitCode	WU_DOM	2011	103
		EL10	euSubUnitCode	WU_NACE_A	2011	1192
		EL10	euSubUnitCode	WU_NACE_A011_A013	2011	1183
		EL10	euSubUnitCode	WU_NACE_B	2011	2.65
		EL10	euSubUnitCode	WU_NACE_C	2011	36
		EL03	euRBDCode	WU_DOM	2011	39.1
		EL01	euRBDCode	WU_DOM	2011	51.5
		EL02	euRBDCode	WU_DOM	2011	78

3 minutes later...

The screenshot shows the Reportnet 3 web interface. The browser address bar displays the URL: <https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700>. The page header includes the European Union logo and the text "European Union". The breadcrumb navigation shows: Reportnet 3 > Dataflows > Dataflow > Greece > Dataset. The user profile is "null null".

The main content area displays "1 - Reporting data Pending" for "WISE 3 - 2023 - Greece". A green success notification box states: "SUCCESS Validation finished at 1 - Reporting data (Greece). Click Refresh to view the data." Below this, there are buttons for "Import dataset data", "Export dataset data", "Delete dataset data", "Validate", "Show validations", "QC rules", "Dashboards", "Manage copies", and "Refresh".

The data table is titled "MonitoringData" and has columns: "Actions", "Validations", "spatialUnitIdentifier", "spatialUnitIdentifierScheme", "observedProperty", "phenomenonTimePeriod", and "resultObservedVolume". The table contains 8 rows of data:

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	observedProperty	phenomenonTimePeriod	resultObservedVolume
 		EL10	euSubUnitCode	WU_DOM	2011	103
 		EL10	euSubUnitCode	WU_NACE_A	2011	1192
 		EL10	euSubUnitCode	WU_NACE_A011_A013	2011	1183
 		EL10	euSubUnitCode	WU_NACE_B	2011	2.65
 		EL10	euSubUnitCode	WU_NACE_C	2011	36
 		EL03	euRBDCode	WU_DOM	2011	39.1
 		EL01	euRBDCode	WU_DOM	2011	51.5
 		EL02	euRBDCode	WU_DOM	2011	78

Reportnet 3

https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700

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European Union

Reportnet 3

User avatar null null

Notifications

Message	Level	Date	Action
Validation finished at 1 - Reporting data (Greece). Click Refresh to view the data.	SUCCESS	2023-10-01 19:21:29	https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700
Validating 1 - Reporting data (Greece)	INFO	2023-10-01 19:18:51	https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700
Loaded data completed at Greece	SUCCESS	2023-10-01 19:18:31	https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292
The dataset WaterUse is loading...	INFO	2023-10-01 19:18:28	
Delete dataset data finished at Greece	SUCCESS	2023-10-01 19:17:57	https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292
Deleting dataset data	INFO	2023-10-01 19:17:55	
Validation finished at 1 - Reporting data (Greece). Click Refresh to view the data.	SUCCESS	2023-10-01 19:10:41	https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700
Validating 1 - Reporting data (Greece)	INFO	2023-10-01 19:06:45	https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700
Loaded data completed at Greece	SUCCESS	2023-10-01 19:03:50	https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292
The dataset WaterUse is loading...	INFO	2023-10-01 19:03:46	

Rows per page 10

Go to 1 of 2 Total: 16

Close

euRBDCode	WU_DOM	2011	39.1
euRBDCode	WU_DOM	2011	51.5
euRBDCode	WU_DOM	2011	78

QC validation results

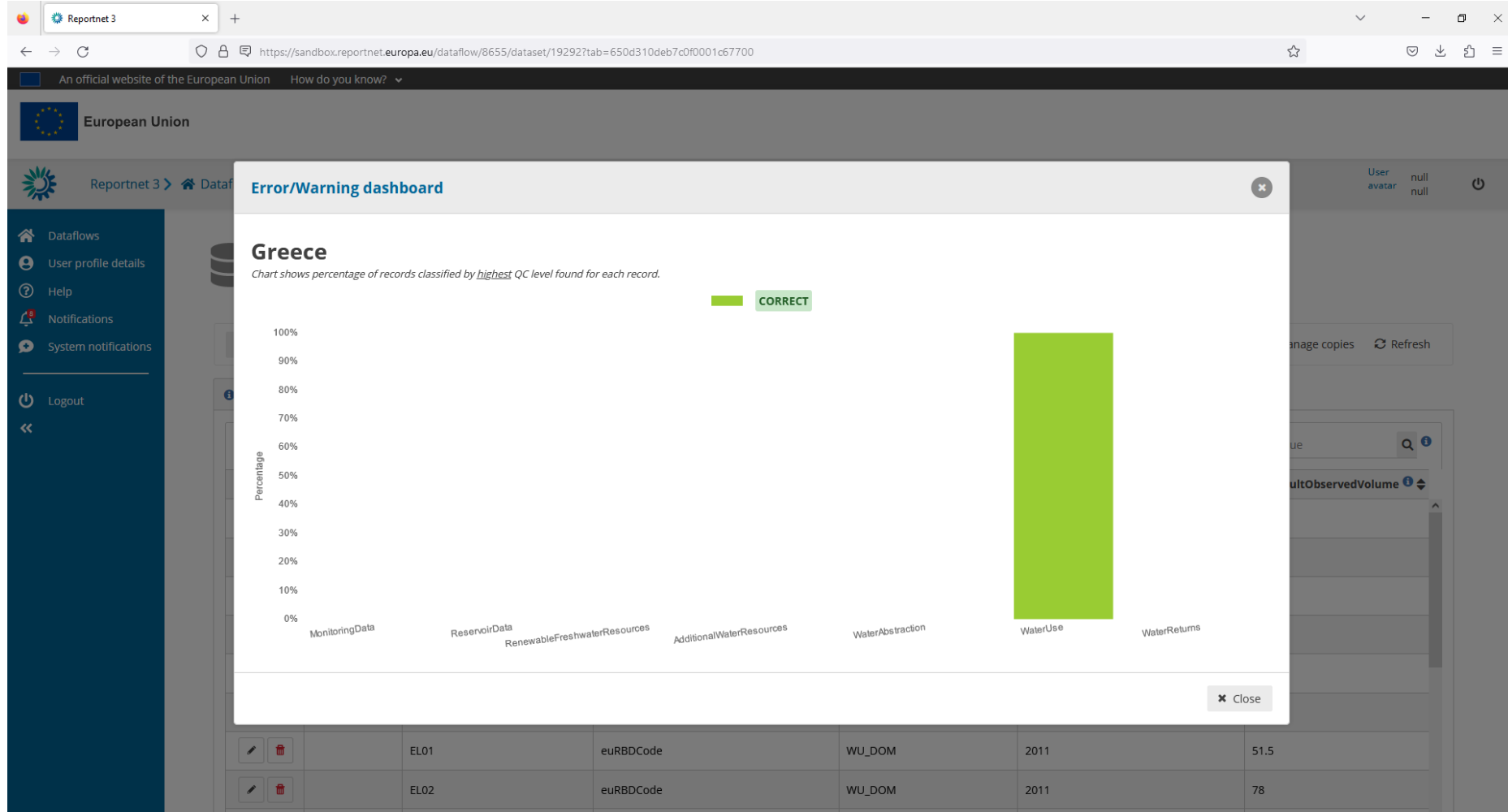
The screenshot shows the Reportnet 3 web application interface. The browser address bar displays the URL: <https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700>. The page title is "1 - Reporting data Pending" for "WISE 3 - 2023 - Greece". The interface includes a navigation menu on the left with options like "Dataflows", "User profile details", "Help", "Notifications", "System notifications", and "Logout". The main content area shows a table of validation results for the "WaterUse" dataset. The table has columns for "Actions", "Validations", "spatialUnitIdentifier", "spatialUnitIdentifierS", "observedProperty", "phenomenonTimePeriod", "resultObservedVolume", "resultObservationStatus", and "remarks". The "resultObservationStatus" column is highlighted in yellow, and a validation filter is applied: "The value is not ...".

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierS	observedProperty	phenomenonTimePeriod	resultObservedVolume	resultObservationStatus	remarks
		EL10	euSubUnitCode	WU_DOM	2011	103	NULL	NULL
		EL10	euSubUnitCode	WU_NACE_A	2011	1192	NULL	NULL
		EL10	euSubUnitCode	WU_NACE_A011_A013	2011	1183	NULL	NULL
		EL10	euSubUnitCode	WU_NACE_B	2011	2.65	NULL	NULL
		EL10	euSubUnitCode	WU_NACE_C	2011	36	NULL	NULL
		EL03	euRBDCode	WU_DOM	2011	39.1	NULL	NULL
		EL01	euRBDCode	WU_DOM	2011	51.5	NULL	NULL

Restored to expected values on "Remarks" field

The screenshot shows a web browser window with the Reportnet 3 application. The address bar displays the URL: <https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700>. The breadcrumb navigation shows: Reportnet 3 > Dataflows > Dataflow > Greece > Dataset. The 'Validations' dialog box is open, featuring a search bar and four filter dropdown menus: 'Type of QC', 'Table', 'Field', and 'Level error'. To the right of these filters are 'Filter' and 'Reset' buttons. The main content area of the dialog displays the message: 'No validation results found with the selected filters'. At the bottom of the dialog, there are 'Download validations' and 'Close' buttons. The background interface shows a sidebar with 'Help', 'Notifications', 'System', and 'Logout' options, and a user profile section with 'User avatar' and 'null' text.

Error/warning

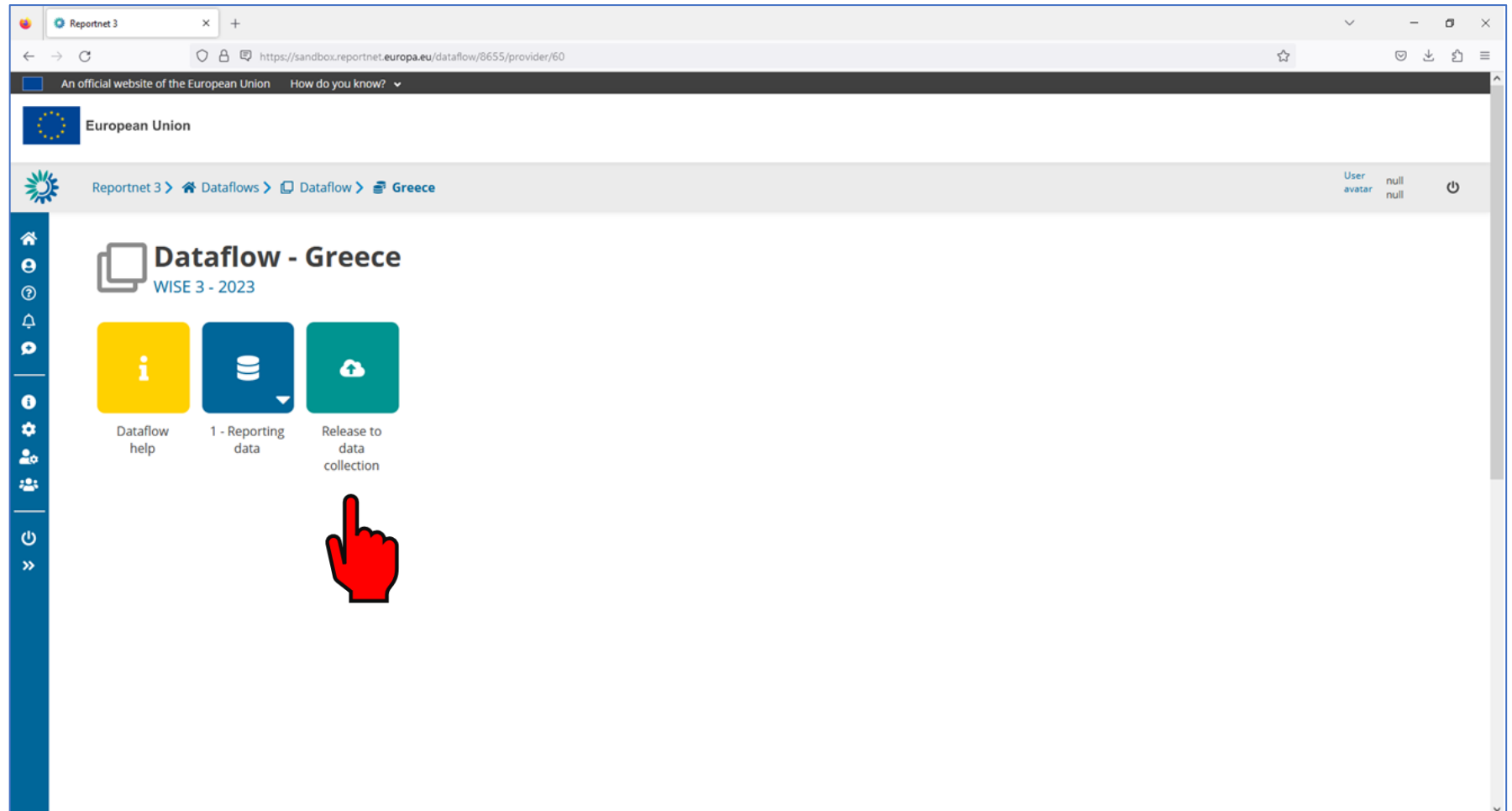


Releasing the data

The screenshot shows a web browser window with the URL `https://sandbox.reportnet.europa.eu/dataflow/8655/provider/60`. The page is titled "Dataflow - Greece" and "WISE 3 - 2023". A modal dialog box titled "Confirm release" is open, asking "Are you sure you want to release all the datasets to the data collection?". The dialog includes a checked checkbox for "Restrict from public view" and two buttons: "Yes" and "No". The background interface shows a sidebar with navigation options like "Dataflows", "User profile details", and "Help", and a main content area with a "Dataflow help" button.

Uploading the data

Reporting data
Here you can upload
and validate the data



Uploading the data

The screenshot displays a web browser window with the URL `https://sandbox.reportnet.europa.eu/dataflow/8655/provider/60`. The page header includes the European Union logo and the text "European Union". Below the header, a navigation bar shows the breadcrumb "Reportnet 3 > Dataflows > Dataflow > Greece" and a user profile section with "User avatar null null" and a power icon.

The main content area features a blue sidebar on the left with the following menu items: Dataflows, User profile details, Help, Notifications, System notifications, Properties, API-key, Manage reporters, Dataflow users list, Logout, and a double arrow icon. The main content area is titled "Dataflow - Greece" with a sub-header "WISE 3 - 2023". Below the title, there are three action buttons: "Dataflow help" (yellow square with an 'i' icon), "1 - Reporting data" (blue square with a database icon), and "Release to data collection" (teal square with a circular arrow icon).

Uploading the data

The image shows a screenshot of the Reportnet 3 web interface and a PDF receipt. The web interface is for the European Environment Agency's Dataflow - Greece system, specifically for WISE 3 - 2023. It features a navigation menu on the left with options like Dataflows, User profile details, Help, Notifications, System notifications, Properties, API-key, Manage reporters, Dataflow users list, and Logout. The main content area displays five icons: Dataflow help, Technical feedback, 1 - Reporting data, Confirmation receipt, and Release to data collection. The PDF receipt, titled 'WISE 3 - 2023_1696182119526.pdf', is a confirmation of receipt for national data submission. It includes the following information:

- European Environment Agency**
Kongens Nytorv 6
Dk 1050 Copenhagen K
- Receipt date:** 2023-10-01
Representative: Greece
- To Whom It May Concern**
- This is a confirmation of receipt for national data submission under the reporting obligation
- WISE 3 - 2023**
- Obligation:** WISE SoE - Water Quantity (WISE-3)
<https://rod.eionet.europa.eu/obligations/184>
- Datasets**
1 - Reporting data
- Release date**
2023-10-01 19:41:30 CET

Let's try some intentional errors

The screenshot shows an Excel spreadsheet with the following data:

spatialUnitIdentifier	spatialUnitIdentifierScheme	observedProperty	phenomenonTimePeriod	resultObservedVolume	resultObservationStatus	remarks
EL10	euSubUnitCodesdr	WU_DOM	2011	103 A		
EL10	euSubUnitCode	WU_NACE_A	2011	1192 A		
EL10	euSubUnitCode	WU_NACE_A011_A013	2011	1183 A		
EL10	euSubUnitCode	WU_NACE_B	2011	2.65 A		
EL10	euSubUnitCode	WU_NACE_C	2011	36 A		
EL03	euRBDCode	WU_DOM	2011	39.1 A		
EL01	euRBDCode	WU_DOM	2011	51.5 A		
EL02	euRBDCode	WU_DOM	2011	78 A		
EL11	euRBDCode	WU_DOM	2011	35.3 A		
EL12	euRBDCode	WU_DOM	2011	35 A		
EL05	euRBDCode	WU_DOM	2011	57 A		
EL04	euRBDCode	WU_DOM	2011	44 A		
EL08	euRBDCode	WU_DOM	2011	91 A		
EL09	euRBDCode	WU_DOM	2011	60 A		
EL11	euRBDCode	WU_NACE_Agri	2011	762.8 A		
EL12	euRBDCode	WU_NACE_A	2011	690.4 A		
EL05	euRBDCode	WU_NACE_A	2011	313 A		
EL04	euRBDCode	WU_NACE_A	2011	348 A		
EL08	euRBDCode	WU_NACE_A	2011	1227 A		
EL09	euRBDCode	WU_NACE_A	2011	523 A		
EL03	euRBDCode	WU_NACE_A011_A013	2011	334.24 A		
EL01	euRBDCode	WU_NACE_A011_A013	2011	182.97 A		
EL02	euRBDCode	WU_NACE_A011_A013	2011	422.67 A		
EL11	euRBDCode	WU_NACE_A011_A013	2011	757.6 A		
EL12	euRBDCode	WU_NACE_A011_A013	2011	683.4 A		
EL05	euRBDCode	WU_NACE_A011_A013	2011	303 A		
EL04	euRBDCode	WU_NACE_A011_A013	2011	340 A		
EL08	euRBDCode	WU_NACE_A011_A013	2011	1227 A		
EL09	euRBDCode	WU_NACE_A011_A013	2011	514 A		
EL09	euRBDCode	WU_NACE_B	2011	7.18 A		
EL11	euRBDCode	WU_NACE_C	2011	16.2 A		
EL12	euRBDCode	WU_NACE_C	2011	17.4 A		
EL05	euRBDCode	WU_NACE_C	2011	4 A		
EL04	euRBDCode	WU_NACE_C	2011	0.5 A		
EL09	euRBDCode	WU_NACE_C	2011	8 A		
EL12	euRBDCode	WU_NACE_D	2011	590 A		
EL12	euRBDCode	WU_NACE_D_CL	2011	8 A		
EL11	euRBDCode	WU_NACE_D	2011	0.68 A		

QC detected correctly the errors

Reportnet 3

European Union

Reportnet 3 > Dataflows > Dataflow > Greece > Dataset

1 - Reporting data *Final feedback*
WISE 3 - 2023 - Greece

Import dataset data Export dataset data Delete dataset data Validate Show validations

MonitoringData ReservoirData RenewableFreshwaterResources AdditionalWaterResources WaterAbstraction WaterUse WaterReturns

Import table data Export table data Delete table data Show/Hide columns Validation filter

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	observedProperty
		EL10	euSubUnitCodesdr	WU_DOM
		EL10	euSubUnitCode	WU_NACE_A
		EL10	euSubUnitCode	WU_NACE_A011_A013
		EL10	euSubUnitCode	WU_NACE_B
		EL10	euSubUnitCode	WU_NACE_C
		EL03	euRBDCode	WU_DOM
		EL01	euRBDCode	WU_DOM
		EL02	euRBDCode	WU_DOM

Reportnet 3

European Union

Reportnet 3 > Dataflows > Dataflow > Greece > Dataset

1 - Reporting data *Final feedback*
WISE 3 - 2023 - Greece

Import dataset data Export dataset data Delete dataset data Validate Show validations QC rules Dashboards Manage copies Refresh

MonitoringData ReservoirData RenewableFreshwaterResources AdditionalWaterResources WaterAbstraction WaterUse WaterReturns

Import table data Export table data Delete table data Show/Hide columns Validation filter Filter by value

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	observedProperty	phenomenonTimePeriod	resultObservedVolume
		EL05	euRBDCode	WU_DOM	2011	57
		EL04	euRBDCode	WU_DOM	2011	44
		EL08	euRBDCode	WU_DOM	2011	91
		EL09	euRBDCode	WU_DOM	2011	60
		EL11	euRBDCode	WU_NACE_Agri	2011	762.8
		EL12	euRBDCode	WU_NACE_A	2011	690.4
		EL05	euRBDCode	WU_NACE_A	2011	313
		EL04	euRBDCode	WU_NACE_A	2011	348

QC validation details

Reportnet 3

https://sandbox.reportnet.europa.eu/dataflow/8655/dataset/19292?tab=650d310deb7c0f0001c67700

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Validations

Type of QC Table Field Level error Filter Reset

Entity	Table	Field	Code	Level error	Message	Number of records
FIELD	WaterUse	observedProperty	TC110	BLOCKER	The value is not a valid member of the referenced list.	1
RECORD	WaterUse		02c_spatialIdentifierReference	BLOCKER	The spatialUnitIdentifier and spatialUnitIdentifierSchema combination is not present in the reference data.	1
FIELD	WaterUse	spatialUnitIdentifierScheme	FT86	BLOCKER	The value is not a valid member of the codelist	1

Rows per page 10 Go to 1 of 1 Total: 39 records (total errors: 3)

Download validations Close

EL04 euRBDCode WU_NACE_A 2011 348

Questions/Answers

THANK YOU !

For more information:

www.eea.europa.eu