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## **AGENDA ITEM 2**

### **Lessons learned and main changes from 2021 data call**

# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

## Table “Emissions”

Overall statistics for reference year 2020

**7102** records

**195** substances

**166** Countries/Districts/Sub-units

**29** Countries

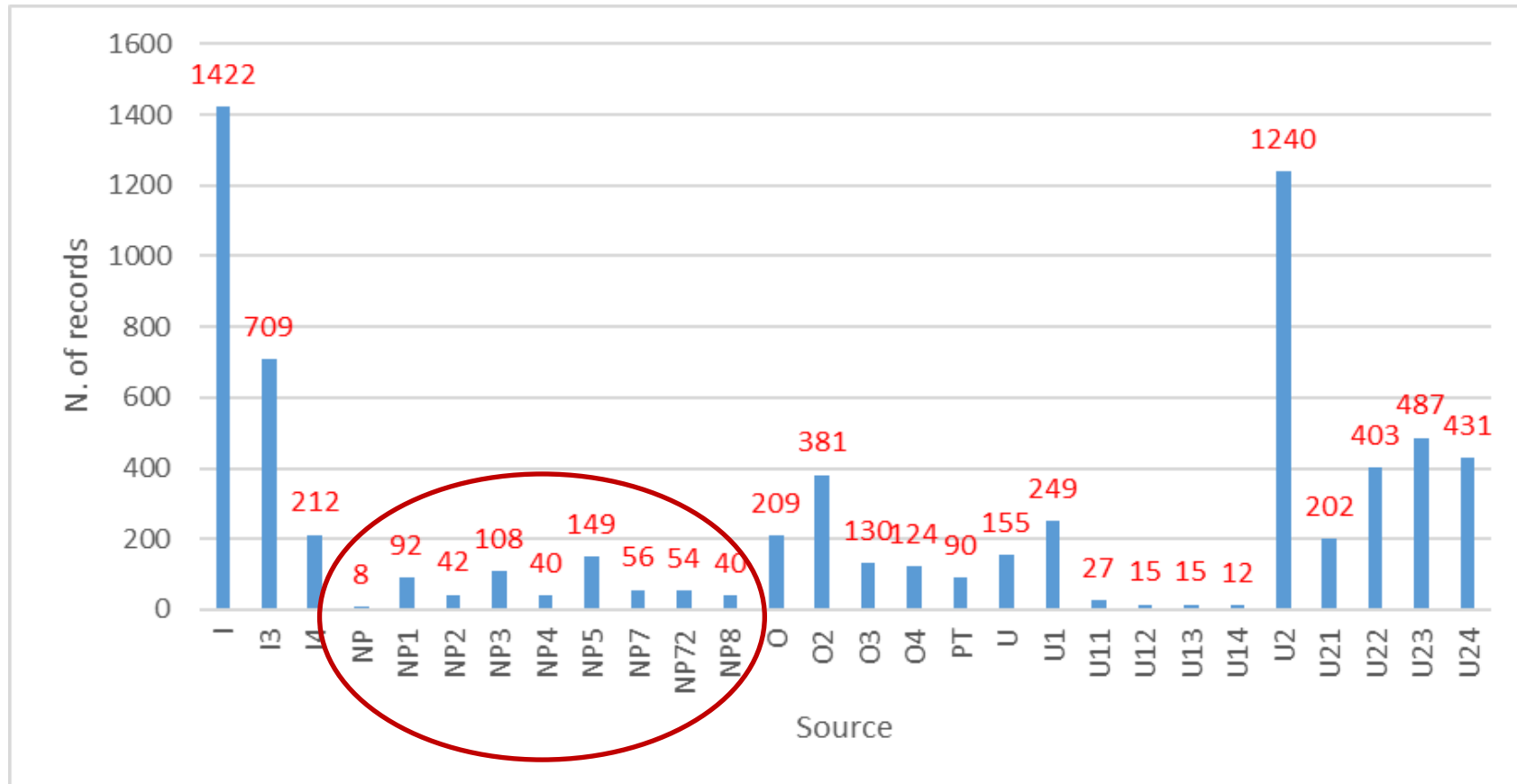
Source: Waterbase - Emissions <https://www.eea.europa.eu/data-and-maps/data/waterbase-emissions-10>

Data reported by EEA member countries and cooperating countries



# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

Table "Emissions"  
Number of records per Source category



# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

## Table “Emissions”

Main issues detected:

- The hierarchical structure of the sources is not respected

i.e. in a certain spatial unit, for a certain Source category/Sub-category  $SC_i$

$$\sum_{j=1}^n SC_{ij} \neq SC_i$$

- reported values under E-PRTR higher than the WISE-1 emission value and “parameterEPRTRfacilities” is reported as “both”
- Reported substances beyond those requested

# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

Table "Emissions"

The hierarchical structure of the sources is not respected  
i.e. for a certain Source category/Sub-category  $SC_i$

$$\sum_{j=1}^n SC_{ij} \neq SC_i$$

$$U2=U21+U22+U23+U24$$

Point sources are categorised as follows:

- PT – Point sources (PT = U + I + O)
- U – Point - Urban waste water treated and untreated (U = U1 + U2)
- U1 – Point - Urban waste water - untreated (U1 = U11 + U12 + U13 + U14)
- U11 – Point - Urban waste water - untreated - less than 2 000 p.e.
- U12 – Point - Urban waste water - untreated - in agglomerations between 2 000 and 10 000 p.e.
- U13 – Point - Urban waste water - untreated - between 10 000 and 100 000 p.e.
- U14 – Point - Urban waste water - untreated - more than 100 000 p.e.
- U2 – Point - Urban waste water treated (U2 = U21 + U22 + U23 + U24)
- U21 – Point - Urban waste water - treated - less than 2 000 p.e.
- U22 – Point - Urban waste water - treated - between 2 000 and 10 000 p.e.
- U23 – Point - Urban waste water - treated - between 10 000 and 100 000 p.e.
- U24 – Point - Urban waste water - treated - more than 100 000 p.e.
- I – Point sources - Industrial waste water (I = I3 + I4)
- I3 – Point - Industrial waste water - treated
- I4 – Point - Industrial waste water - untreated
- O – Point - Other point emissions (O = O1 + O2 + O3 + O4 + O5)
- O1 – Point - Contaminated sites or abandoned industrial sites
- O2 – Point - Waste disposal sites
- O3 – Point - Mine waters
- O4 – Point - Aquaculture
- O5 – Point - Other

Diffuse sources are categorised as follows:

- NP – Diffuse sources (NP = NP1 + NP2 + ... + NP8)
- NP1 – Diffuse - Agricultural emissions
- NP2 – Diffuse - Atmospheric deposition
- NP3 – Diffuse - Unconnected dwellings emissions
- NP4 – Diffuse - Urban run-off
- NP5 – Diffuse - Storm overflow emissions
- NP7 – Diffuse - Other diffuse emissions (NP7 = NP71 + NP72 + ... + NP75)
- NP71 – Diffuse - Forestry emissions
- NP72 – Diffuse - Transport emissions
- NP73 – Diffuse - Mining emissions
- NP74 – Diffuse - Aquaculture emissions
- NP75 – Diffuse - Other
- NP8 – Diffuse - Background emissions

# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

## Table “Emissions”

Action taken:

Data dictionary updated to clarify that **when, within the same spatial unit for a source category, data is reported at a lower level, then do NOT report data at an upper level and vice versa**

For example:

**I3 and/or I4 reported**



**Do not report I**

**I reported**



**Do not report I3 and/or I4**

**Always report at the lowest possible level (more details), provided that the data is available throughout the spatial unit**

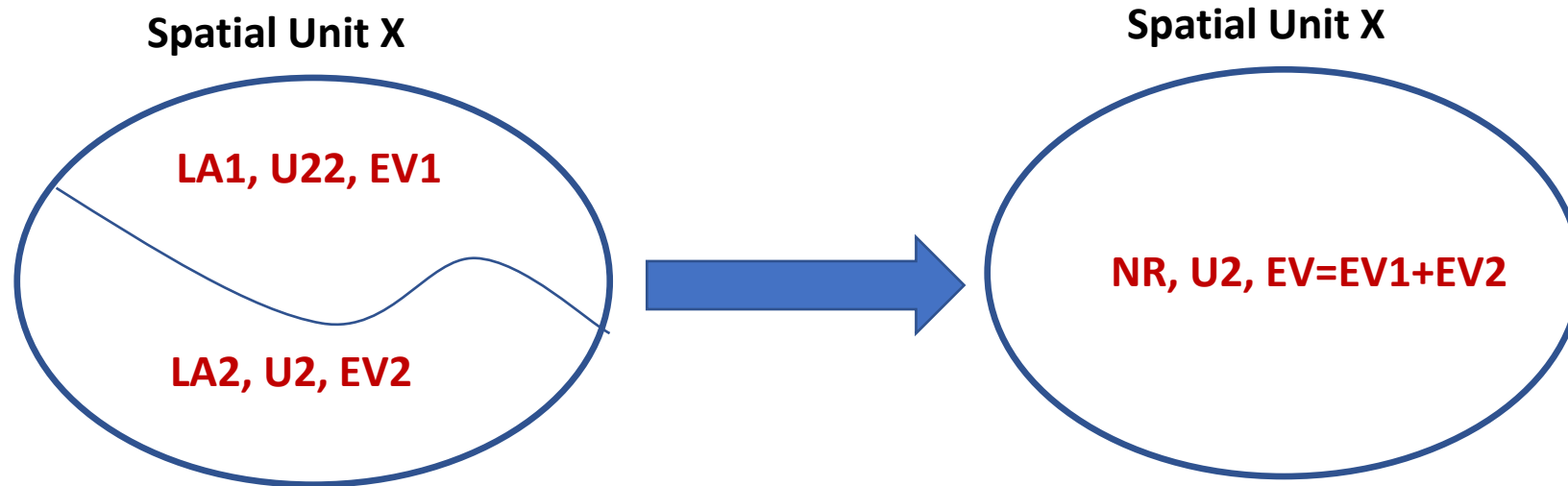


# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

Table “Emissions”

When the information is available at different levels (due to e.g. different local reporting authorities for the same spatial unit) **values must be reported at the same (highest) hierarchical level**

For example:



*LA1: Local reporting authority 1*

*LA2: Local reporting authority 2*

*U2: Category Urban waste water treated (sum of all sizes)*

*U22: Category Urban waste water treated  
(plants 2000-10000 p.e.)*

*EV1: value reported from authority 1*

*EV2: value reported from authority 2*

*NR: National reporter*

*EV: value reported from national  
reporter*



# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

Table “Emissions”

reported values under E-PRTR higher than the WISE-1 emission value although “parameterEPRTFacilities” is reported as “both”

<b>Name</b>	<b>i</b>	EPRTFacilities
<b>Definition</b>	<b>i</b>	Information if the Emission value is aggregated from all Facilities (E-PRTR and non-EPRT) or from non-E-PRTR Facilities only.
<b>Methodology for obtaining data</b>	<b>i</b>	<p>This value is required for emissions from point sources, which are relevant for E-PRTR reporting, i.e. from following source categories:</p> <div style="border: 1px solid black; background-color: #fff9c4; padding: 5px;"><p>PT (total point sources) U (total urban waste water discharges) U2 (urban waste water treated) and its sub-category greater than 100 000 p.e. (U24) I (industrial waste water) and all its sub-categories (I3, I4) O (other point sources) and all its sub-categories (O1, O2, O3, O4, O5)</p></div> <p>To avoid double reporting, the emissions from the E-PRTR facilities only should not be reported here, but through the respective E-PRTR dataflow. The EEA will extract the relevant data from the E-PRTR dataset directly, after the deliveries are processed.</p>

Please pay attention and cross-check with national PRTR data and/or PRTR reporters



# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

Table “Emissions”

## Reported substances beyond those requested

### Action taken

The list of substances has been harmonized with WISE-6 parameters, where relevant, in order to include as many substances as possible

([https://cdr.eionet.europa.eu/help/WISE\\_SoE/wise1/WISE1\\_ObservedProperty\\_QC\\_reference.xlsx](https://cdr.eionet.europa.eu/help/WISE_SoE/wise1/WISE1_ObservedProperty_QC_reference.xlsx))

New unit of measure introduced (kg{TEQ}/a) for two furans (1,2,3,4,7,9-hexachlorodibenzofuran and 1,2,3,4,8-pentachlorodibenzofuran)

### Sample records

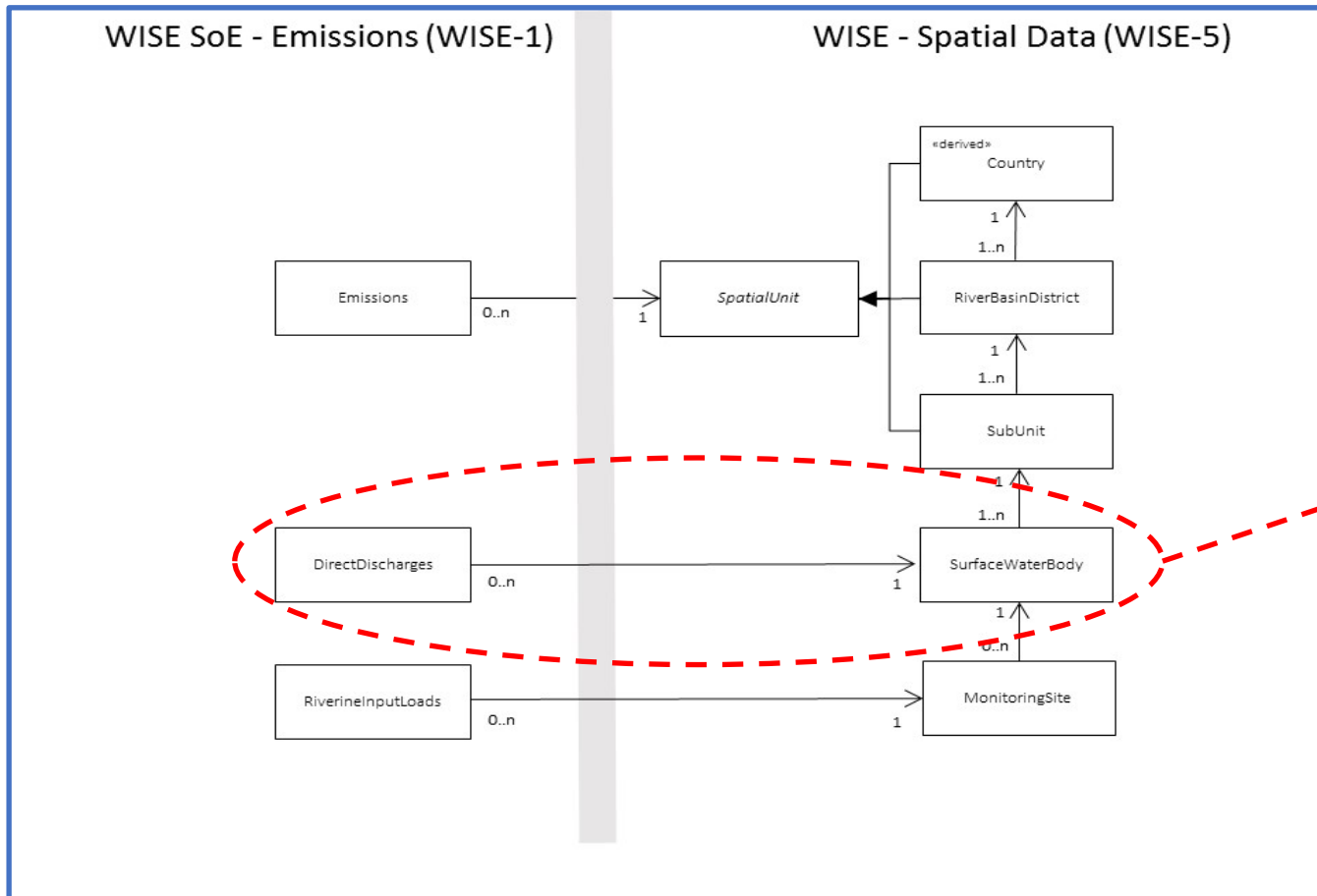
observedPropertyDeterminandCode	observedPropertyLabel	tableName	resultUom
CAS_630-20-6	1,1,1,2-tetrachloroethane	Emissions	kg/a
CAS_1070-78-6	1,1,1,3-tetrachloropropane	Emissions	kg/a
CAS_71-55-6	1,1,1-trichloroethane	Emissions	kg/a
CAS_79-34-5	1,1,2,2-tetrachloroethane	Emissions	kg/a
CAS_79-00-5	1,1,2-trichloroethane	Emissions	kg/a
CAS_76-13-1	1,1,2-trichlorotrifluoroethane	Emissions	kg/a
CAS_75-34-3	1,1-dichloroethane	Emissions	kg/a



# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

## Main changes from 2021 data call

- Only adjustments in the data dictionary and related documents
- Same structure and templates as previous exercise (e.g. no fields added)
- Same data model



“DirectDischarges” sheet  
not requested



# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

## Main changes from 2021 data call

1. A list of substances, based on WISE-6 quality, has been established and for each substance the requested unit of measure has been identified and indicated (t/a, kg/a, **kg{TEQ}/a**). This correspondence may differ in some cases compared to previous exercises.

[https://cdr.eionet.europa.eu/help/WISE\\_SoE/wise1/WISE1\\_ObservedProperty\\_QC\\_reference.xlsx](https://cdr.eionet.europa.eu/help/WISE_SoE/wise1/WISE1_ObservedProperty_QC_reference.xlsx)

**This change also applies to “RiverineInputLoads” sheet**

2. Concerning U2 sub-sources (urban wastewater treated), throughout the DD and vocabulary it has been clarified and confirmed that the reported sizes refer to treatment plants and not to agglomerations.

# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

Table “Emissions”

Main changes from 2021 data call

3. **2 new sub-sources** have been introduced in order to account for specific cases not listed

**O (Point - Other point emissions)**



**O5 (Point – Other)**



- O1 (Contaminated or abandoned industrial sites)
- O2 (Waste disposal sites)
- O3 (Mine waters)
- O4 (Aquaculture)

**N (Diffuse - Other)**



**NP75 (Diffuse – Other)**



- NP71 (Forestry emissions)
- NP72 (Transport emissions)
- NP73 (Mining emissions)
- NP74 (Aquaculture emissions)



# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

Table “Emissions”

Main changes from 2021 data call

4. A change has been made in the section “Methodology for obtaining data” concerning the field parameterEPRTRfacilities, where the reference to UWWTPs with sizes  $\leq 100,000$  p.e. has been deleted in line with the size considered under the E-PRTR regulation.



Concerning UWWT

“parameterEPRTRfacilities” only mandatory for **U, U2 and U24**



# AGENDA ITEM 2 - Lessons learned and main changes from 2021 data call

## Table “RiverineInputLoads” open since 2021 data call

Overall statistics for reference year 2020

**2254** records

**108** substances

**172** monitoring sites

**5** Countries (EE, ES, IT, LT, SE)

SE also reported for years from 2014 to 2019

Source: Waterbase - Emissions <https://www.eea.europa.eu/data-and-maps/data/waterbase-emissions-10>

Data reported by EEA member countries and cooperating countries



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## **AGENDA ITEM 3**

### **Demo on WISE-1 data reporting through Reportnet 3**

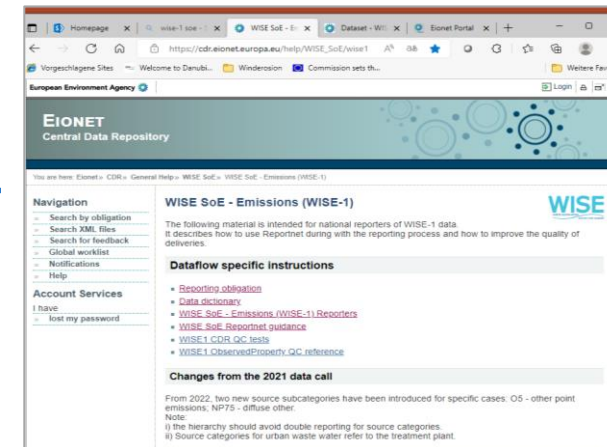
# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

- Help pages - overview

CDR help page for WISE-1:

[https://cdr.eionet.europa.eu/help/WISE\\_SoE/wise1](https://cdr.eionet.europa.eu/help/WISE_SoE/wise1)

- Data Dictionary
- **NEW:** How to use Reportnet 3 for WISE-1
- QC test description
- Reference list of WISE-1 observed properties (updated)





# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

- Data Dictionary

<https://dd.eionet.europa.eu/datasets/latest/Emissions>

- Descriptions and code lists
- Data model
- Tables
- Template (**did not change!**)

The screenshot shows the EIONET Data Dictionary interface. The page title is 'View dataset definition' for the dataset 'Emissions'. The left sidebar contains a navigation menu with 'Datasets' highlighted. The main content area has a sub-menu with 'Exports' circled in red. Below this, there are several export options: 'Create technical specification for this dataset', 'Create an XML Schema for this dataset - version 2', 'Create an MS Excel template for this dataset - version 2', 'Get the comma-separated codelists of this dataset', and 'Get the codelists of this dataset in XML format'. At the bottom, there is a table with dataset metadata.

Identifier	Emissions
Short name	WISE SoE - Emissions
Registration status	Released 26 September 2022
Reference URL	<a href="http://dd.eionet.europa.eu/datasets/latest/Emissions">http://dd.eionet.europa.eu/datasets/latest/Emissions</a>
Name	WISE SoE - Emissions (WISE-1)
Keywords	Emissions, Water
Short Description	Data on emissions from point and diffuse sources to inland surface, transitional and coastal waters and riverine input loads to transitional and coastal waters.
Definition	Data on:

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 - overview

- Login
- Data flow overview
- Data upload
- Data validation
- Data release

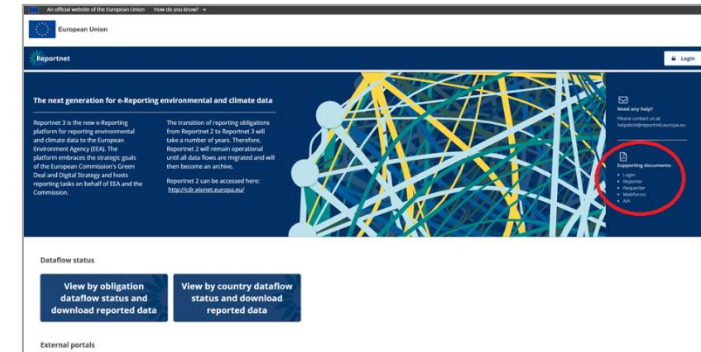
# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

- Reportnet 3 - Login

**Go to Reportnet 3, login and open the recent WISE-1 data flow:**

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

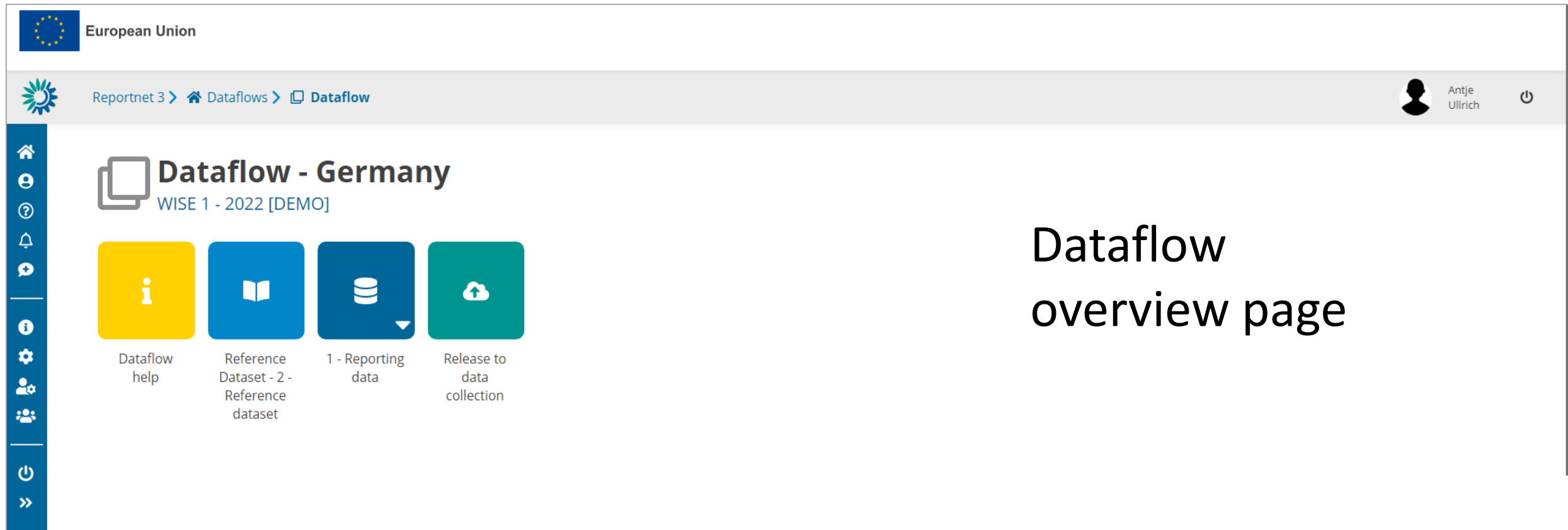
**EU-Login is needed**



A screenshot of the Reportnet 3 user interface. The top navigation bar includes the European Union logo, the text 'Reportnet 3 &gt; Dataflows', and a user profile for 'Antje Ullrich'. The main content area features a large purple card for a data flow. The card displays the role 'LEAD REPORTER', the title 'WISE 1 - 2022 [DEMO]', and the legal instrument 'EEA AWP'. It also shows the obligation 'WISE SoE - Emissions (WISE-1)'. On the right side of the card, the delivery date is '2023-01-13' and the delivery status is 'DRAFT' with a 'Dataflow status: OPEN'.

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Dataflow overview



The screenshot shows the 'Dataflow - Germany' overview page in Reportnet 3. The page header includes the European Union logo and the text 'European Union'. The breadcrumb navigation shows 'Reportnet 3 > Dataflows > Dataflow'. The user profile 'Antje Ullrich' is visible in the top right corner. The main content area features the title 'Dataflow - Germany' and the subtitle 'WISE 1 - 2022 [DEMO]'. Below the title are four main action buttons: 'Dataflow help' (yellow), 'Reference Dataset - 2 - Reference dataset' (blue), '1 - Reporting data' (dark blue), and 'Release to data collection' (teal). A vertical sidebar on the left contains various navigation icons.

Dataflow  
overview page

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Dataflow overview

European Union

Reportnet 3 > Dataflows > Dataflow

### Dataflow - Germany

WISE 1 - 2022 [DEMO]

- Dataflow help
- Reference Dataset - 2 - Reference dataset
- 1 - Reporting data
- Release to data collection

## WISE-1 specific

- supporting documents
- links
- data schema

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Dataflow overview

### Reference Dataset

- all relevant WISE-1 information: spatial units, all monitoring sites, list of substances (emissions and riverine input loads) and code lists (e.g. emission source categories)

The screenshot displays the Reportnet 3 interface. At the top, the European Union logo and 'Reportnet 3 > Dataflows > Dataflow' are visible. The main section is titled 'Dataflow - Germany' with 'WISE 1 - 2022 [DEMO]'. Below this, four icons represent different dataflow steps: 'Dataflow help', 'Reference Dataset - 2 - Reference dataset' (highlighted with a red box), '1 - Reporting data', and 'Release to data collection'. The bottom section is titled '2 - Reference dataset' with the subtitle 'WISE 1 - 2022 [DEMO] - Reference Dataset - 2 - Reference dataset'. It features a toolbar with options like 'Export dataset data', 'Delete dataset data', 'Validate', 'Show validations', 'QC rules', 'Dashboards', 'Manage copies', and 'Refresh'. Below the toolbar, a horizontal menu lists various data fields: 'spatialUnit', 'monitoringSite', 'observedProperty\_Emissions', 'observedProperty\_RiverineInputLoads', 'emissionsMethod', 'emissionsSourceCategory', 'estimateDetail', 'resultObservationStatus', and 'data'. A red box highlights this menu. Below the menu, there is a table with columns for 'Validations', 'spatialIdentifier', 'spatialIdentifierScheme', 'countryCode', 'status', and 'URI'. The table contains two rows of data:

Validations	spatialIdentifier	spatialIdentifierScheme	countryCode	status	URI
	AL011	eionetMonitoringSiteCode	AL	valid	http://dd.eionet.europa.eu/vocabulary/wise/MonitoringSite/eionetMonitoringSiteCode.AL011
	AL012	eionetMonitoringSiteCode	AL	retired	http://dd.eionet.europa.eu/vocabulary/wise/MonitoringSite/eionet

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

- Reportnet 3 – Data upload

## 1. Go to 1-Reporting data

The screenshot displays the Reportnet 3 interface for the 'Dataflow - Germany' section. The main heading is '1 - Reporting data' with a 'Pending' status. Below this, there are buttons for 'Import dataset data', 'Export dataset data', and 'Delete dataset data'. A red box highlights the 'Emissions' and 'RiverineInputLoads' tabs. The interface also features a navigation menu on the left and a breadcrumb trail at the top: 'Reportnet 3 > Dataflows > Dataflow > Germany > Dataset'. A table is visible at the bottom with columns for 'Actions', 'Validations', 'spatialUnitIdentifier', 'spatialUnitIdentifierScheme', 'phenomenonTimeReferencePeriod', 'observedPropertyDeterminandCode', and 'parameterEmis'. The table shows 'Rows per page' set to 10 and 'Total: 0 records'.

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Data upload

The screenshot displays the Reportnet 3 user interface. At the top, the breadcrumb navigation shows 'Reportnet 3 > Dataflows > Dataflow > Germany > Dataset'. The user profile 'Antje Ullrich' is visible in the top right. The main heading is '1 - Reporting data Pending' with a sub-heading 'WISE 1 - 2022 [DEMO] - Germany'. Below this, there are buttons for 'Import dataset data', 'Export dataset data', and 'Delete dataset data', along with 'Validate', 'Show validations', 'QC rules', 'Dashboards', 'Manage copies', and 'Refresh'. Two tabs are active: 'Emissions' and 'RiverineInputLoads'. The 'Emissions' tab is selected. Below the tabs, there are buttons for 'Import table data', 'Export table data', 'Delete table data', 'Show/Hide columns', and 'Validation filter'. A search bar 'Filter by value' is on the right. The table header includes 'Actions', 'Validations', and five columns: 'spatialUnitIdentifier', 'spatialUnitIdentifierScheme', 'phenomenonTimeReferencePeriod', 'observedPropertyDeterminandCode', and 'parameterEmissionsSourceCate'. The table body is currently empty, with a 'Total: 0 records' message. A red box highlights the column headers and the pagination area.

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	phenomenonTimeReferencePeriod	observedPropertyDeterminandCode	parameterEmissionsSourceCate
Total: 0 records						



# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

- Reportnet 3 – Data upload

## 2. Import filled data templates – tabular data (.xls, .xlsx, .csv)

The screenshot displays the Reportnet 3 user interface. At the top left, the European Union logo and the text 'European Union' are visible. The breadcrumb navigation shows 'Reportnet 3 > Dataflows > Dataflow > Germany > Dataset'. The user profile 'Antje Ullrich' is shown in the top right corner. The main content area is titled '1 - Reporting data Pending' with a sub-title 'WISE 1 - 2022 [DEMO] - Germany'. A toolbar contains several actions: 'Import dataset data', 'Export dataset data', and 'Delete dataset data'. The 'Import dataset data' dropdown menu is open, showing options for 'ZIP (.csv for each table)' and 'Custom file imports', with 'Import Excel (.xls, .xlsx)' highlighted. Below the toolbar, there are columns for 'spatialUnitIdentifier', 'spatialUnitIdentifierScheme', 'phenomenonTimeReferencePeriod', 'observedPropertyDeterminandCode', and 'parameterEmis'. The bottom of the interface shows a table with 'Rows per page' set to 10, a pagination control showing 'Go to 1 of 1', and a 'Total: 0 records' status. There is also an '+ Add record' button and a 'Paste records' button.

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Data upload

The screenshot displays the Reportnet 3 web interface. At the top, there is a navigation bar with the European Union logo and the text "European Union". Below this, the breadcrumb navigation shows "Reportnet 3 > Dataflows > Dataflow > Germany > Dataset". The main content area is titled "1 - Reporting data Pending" and "WISE 1 - 2022 [DEMO] - Germany". A modal window titled "Import Excel (.xls,xlsx)" is open in the foreground. This modal has a blue bar at the top with the text "+ Select or drag here a file". Below this bar, a file named "test\_emissions\_v1.xls" with a size of "30.5 KB" is listed. At the bottom of the modal, there is a checkbox labeled "Replace data" and a blue "Upload" button. The background interface shows various options like "Import dataset data", "Export dataset data", and "Delete dataset data".

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

European Union

Reportnet 3 > Dataflows > Dataflow > Germany > Dataset

Antje Ullrich

### 1 - Reporting data Pending

WISE 1 - 2022 [DEMO] - Germany

Import dataset data Export dataset data Delete dataset data

Emissions RiverineInputLoads

Import table data Export table data Delete table data

Actions Validations spatialUnitIdentifier

Rows per page 10

+ Add record

#### Import Excel (.xls,xlsx)

+ Select or drag here a file

test\_emissions\_v1.xls 30.5 KB

Replace data

Reset Upload Close

QC rules Dashboards Manage copies Refresh

Filter by value

ObservedPropertyDeterminandCode parameterEmis

Total: 0 records

Paste records

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Data upload

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

European Union  
Home - European Union

Reportnet 3 > Dataflows > Dataflow > Germany > Dataset

Antje Ullrich

### 1 - Reporting data *Pending*

WISE 1 - 2022 [DEMO] - Germany

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

Emissions RiverineInputLoads

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

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	phenomenonTimeReferencePeriod	observedPropertyDeterminandCode	parameterEmis
		DE	countryCode	2021	CAS_630-20-6	J

Rows per page 10

Go to 1 of 1 Total: 1 record

+ Add record Paste records

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Data validation



Once the data are successfully imported

### 3. Validate the data

The screenshot shows the Reportnet 3 interface. At the top, there is a navigation bar with the European Union logo and the text 'European Union'. Below this, there is a breadcrumb trail: 'Home - European Union' > 'Reportnet 3' > 'Dataflows' > 'Dataflow' > 'Germany' > 'Dataset'. The user's name 'Antje Ullrich' is visible in the top right corner.

The main content area is titled '1 - Reporting data Pending' with a sub-title 'WISE 1 - 2022 [DEMO] - Germany'. Below the title, there are several action buttons: 'Import dataset data', 'Export dataset data', 'Delete dataset data', 'Validate' (highlighted with a red box), 'Show validations', 'QC rules', 'Dashboards', 'Manage copies', and 'Refresh'.

Below the action buttons, there are two tabs: 'Emissions' and 'RiverineInputLoads'. The 'RiverineInputLoads' tab is active. Below the tabs, there is a table with the following columns: 'Actions', 'Validations', 'spatialUnitIdentifier', 'spatialUnitIdentifierScheme', 'phenomenonTimeReferencePeriod', 'observedPropertyDeterminandCode', and 'parameterEmis'. The table contains one row of data:

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	phenomenonTimeReferencePeriod	observedPropertyDeterminandCode	parameterEmis
 		DE	countryCode	2021	CAS_630-20-6	J

At the bottom of the table, there is a pagination bar with the following information: 'Rows per page 10', 'Go to 1 of 1', and 'Total: 1 record'. There is also an 'Add record' button and a 'Paste records' button.

### 4. Check validation result

The screenshot shows the Reportnet 3 interface for a dataset titled "1 - Reporting data Pending" with the subtitle "WISE 1 - 2022 [DEMO] - Germany". The user is Antje Ullrich. The interface includes a navigation menu on the left, a top header with the European Union logo, and a breadcrumb trail: Reportnet 3 > Dataflows > Dataflow > Germany > Dataset. The main content area features a toolbar with options: Import dataset data, Export dataset data, Delete dataset data, Validate, Show validations (highlighted with a red box), QC rules, Dashboards, Manage copies, and Refresh. Below the toolbar, there are tabs for "Emissions" and "RiverineInputLoads". A table displays validation results for a single record. The table has columns for Actions, Validations, spatialUnitIdentifier, spatialUnitIdentifierScheme, phenomenonTimeReferencePeriod, observedPropertyDeterminandCode, and parameterEmis. The record shows a validation error (red minus sign) for the parameterEmis field with the value 'J'. The table footer indicates "Rows per page 10", "Go to 1 of 1", and "Total: 1 record". There are also buttons for "Add record" and "Paste records".

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	phenomenonTimeReferencePeriod	observedPropertyDeterminandCode	parameterEmis
		DE	countryCode	2030	CAP_630-20-6	J

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Data validation

☑ Validate **⚠ Show validations** 📄 QC rules 📊 Dashboards 📷 Manage copies 🔄 Refresh

Entity ⌵	Table ⌵	Field ⌵	Code ⌵	Level error ⌵	Message ⌵	Number of records ⌵
FIELD	Emissions	parameterEmissionsSourceCategory	TC32 <sup>i</sup>	BLOCKER	The value is not a valid member of the referenced list.	1
FIELD	Emissions	observedPropertyDeterminandCode	TC37 <sup>i</sup>	BLOCKER	The value is not a valid member of the referenced list.	1
FIELD	RiverineInputLoads	monitoringSiteIdentifier	04a_spatialId_country <sup>i</sup>	BLOCKER	The monitoringSiteIdentifier doesn't match the reporting country. It should start with '<cc>'.	2

Rows per page 10 ▾    ⏪ ⏩ 1 ⏪ ⏩    Go to 1 of 1    Total: 2 records (total errors: 4)

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Data validation

Validate Show validations **QC rules** Dashboards Manage copies Refresh

Table	Field	Code	Name	Description	Message	Expression	Type of QC	Level error
Emissions	spatialUnitIdentifier	FC2	Field cardinality	Checks if the field is missing or empty	The value must not be missing or empty		FIELD	BLOCKER
Emissions	spatialUnitIdentifierScheme	FC4	Field cardinality	Checks if the field is missing or empty	The value must not be missing or empty		FIELD	BLOCKER
Emissions	spatialUnitIdentifierScheme	FT5	Field type CODELIST	Checks if the field is a valid SINGLESELECT_CODELIST	The value is not a valid member of the codelist		FIELD	BLOCKER
Emissions	phenomenonTimeReferencePeriod	FC6	Field cardinality	Checks if the field is missing or empty	The value must not be missing or empty		FIELD	BLOCKER
Emissions	observedPropertyDeterminandCode	FC8	Field cardinality	Checks if the field is missing or empty	The value must not be missing or empty		FIELD	BLOCKER
Emissions	parameterEmissionsSourceCategory	FC10	Field cardinality	Checks if the field is missing or empty	The value must not be missing or empty		FIELD	BLOCKER
Emissions	parameterEPTRFacilities	FT12	Field type CODELIST	Checks if the field is a valid SINGLESELECT_CODELIST	The value is not a valid member of the codelist		FIELD	BLOCKER
Emissions	resultEmissionsValue	FT13	Field type NUMBER - DECIMAL	Checks if the field is a valid NUMBER - DECIMAL	The value is not a valid integer or decimal number.		FIELD	BLOCKER

# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Data validation

The screenshot displays the Reportnet 3 interface for a dataset titled "1 - Reporting data" with a status of "Pending". The breadcrumb navigation shows the path: Reportnet 3 > Dataflows > Dataflow > Germany > Dataset. The user profile "Antje Ullrich" is visible in the top right corner.

Below the dataset title, there are action buttons: "Import dataset data", "Export dataset data", and "Delete dataset data". On the right side of this bar, there are additional actions: "Validate", "Show validations", "QC rules", "Dashboards", "Manage copies", and "Refresh".

The main content area shows two tabs: "Emissions" (with a warning icon) and "RiverineInputLoads" (with a warning icon). The "Emissions" tab is active, displaying a table with the following columns: "Actions", "Validations", "spatialUnitIdentifier", "spatialUnitIdentifierScheme", "phenomenonTimeReferencePeriod", "observedPropertyDeterminandCode", and "parameterEmis".

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	phenomenonTimeReferencePeriod	observedPropertyDeterminandCode	parameterEmis
		DE	countryCode	2030	CAP_630-20-6	J

Below the table, there is a pagination bar showing "Rows per page 10", "Go to 1 of 1", and "Total: 1 record". There is also an "Add record" button and a "Paste records" button.



# AGENDA ITEM 3 - Demo on WISE-1 data reporting through Reportnet 3

## - Reportnet 3 – Data validation

### 5. Correct data (if needed)

- Correct in Reportnet (export is recommended)
- Correct in original data file and reimport

The screenshot shows the Reportnet 3 interface for a dataset titled "1 - Reporting data Pending" (WISE 1 - 2022 [DEMO] - Germany). The "Export dataset data" button is highlighted with a red box, and its dropdown menu is open, showing options: XLSX (.xlsx), XLSX (.xlsx with validations), ZIP (.xlsx + attachments), and ZIP (.csv for each table). The table below shows a single record with columns: spatialUnitIdentifier (DE), spatialUnitIdentifierScheme (countryCode), and phenomenonTimeReferencePeriod (2030). The "Edit" button in the table is also highlighted with a red box.

This is a close-up view of the Reportnet 3 interface, focusing on the "Edit" button in the table row. The button is highlighted with a red box. The table row shows the record for spatialUnitIdentifier "DE" and phenomenonTimeReferencePeriod "2030".

### 6. Reimport corrected data (if needed)

The screenshot displays the 'Import Excel (.xls,xlsx)' dialog box in the Reportnet 3 interface. The dialog box contains a file upload area with a blue bar that says '+ Select or drag here a file'. Below this, a file named 'test\_emissions\_v2.xls' (30.5 KB) is shown with a close button. The 'Replace data' checkbox is checked and highlighted with a red box. At the bottom of the dialog box, there are 'Reset', 'Upload', and 'Close' buttons. The background shows a table with columns for 'Actions', 'Validations', and 'spatialUnitIdentifier'.

### 7. Validate and check reimported data

Target: No BLOCKERs, No ERRORs

The screenshot shows the Reportnet 3 interface for a dataset named '1 - Reporting data' with a status of 'Pending'. The breadcrumb navigation is 'Reportnet 3 > Dataflows > Dataflow > Germany > Dataset'. The user is identified as 'Antje Ullrich'. The dataset is 'WISE 1 - 2022 [DEMO] - Germany'. The interface includes a toolbar with actions: 'Import dataset data', 'Export dataset data', 'Delete dataset data', 'Validate', 'Show validations', 'QC rules', 'Dashboards', 'Manage copies', and 'Refresh'. Below this, there are tabs for 'Emissions' (with a warning icon) and 'RiverineInputLoads'. The 'Emissions' tab is active, showing a table with one record. The table has columns for 'Actions', 'Validations', 'spatialUnitIdentifier', 'spatialUnitIdentifierScheme', 'phenomenonTimeReferencePeriod', 'observedPropertyDeterminandCode', and 'parameterEmis'. The record shows 'DE' for spatialUnitIdentifier, 'countryCode' for spatialUnitIdentifierScheme, '2021' for phenomenonTimeReferencePeriod, 'CAS\_630-20-6' for observedPropertyDeterminandCode, and 'U' for parameterEmis. At the bottom, there is a pagination bar showing 'Rows per page 10', 'Go to 1 of 1', and 'Total: 1 record'. There are also buttons for '+ Add record' and 'Paste records'.

Reportnet 3 > Dataflows > Dataflow > Germany > Dataset

Antje Ullrich

### 1 - Reporting data *Pending*

WISE 1 - 2022 [DEMO] - Germany

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

Emissions RiverineInputLoads

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

Actions	Validations	spatialUnitIdentifier	spatialUnitIdentifierScheme	phenomenonTimeReferencePeriod	observedPropertyDeterminandCode	parameterEmis
		DE	countryCode	2021	CAS_630-20-6	U

Rows per page 10 Go to 1 of 1 Total: 1 record

+ Add record Paste records

### 7. Release data – when validation process is finished



The screenshot shows the Reportnet 3 interface. The breadcrumb navigation at the top reads "Reportnet 3 > Dataflows > Dataflow". The main heading is "Dataflow - Germany" with a sub-heading "WISE 1 - 2022 [DEMO]". Below this, there are four action buttons: "Dataflow help" (yellow), "Reference Dataset - 2 - Reference dataset" (blue), "1 - Reporting data" (dark blue), and "Release to data collection" (teal). The "Release to data collection" button is highlighted with a red border. A vertical sidebar on the left contains various navigation icons.

# Thank you!

Antje Ullrich (ETC/ICM): [antje.ullrich@uba.de](mailto:antje.ullrich@uba.de)

Francesco Mundo (EEA): [francesco.mundo@eea.europa.eu](mailto:francesco.mundo@eea.europa.eu)

Marek Staron (EEA): [marek.staron@eea.europa.eu](mailto:marek.staron@eea.europa.eu)

Caroline Whalley (EEA): [caroline.whalley@eea.europa.eu](mailto:caroline.whalley@eea.europa.eu)