

Reporting under IEPR and IED

*Technical webinar after Committee procedure of
IEPR and IED CIDs*

Federico Antognazza | Copenhagen | 26 June 2026

- › Present **data model** and **draft documentation** for reporting under IEPR and IED
- › **Discuss openly to clarify relevant issues**
- › Introduce and **present Reportnet 3**
- › Everyone will be able to access documentation to kick-off development and testing in each country





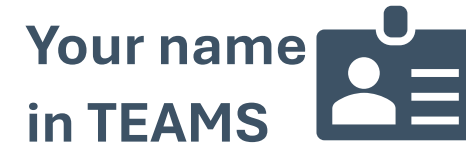
Don't worry about your **English!** This is a safe space and most of us are non-native speakers 😊



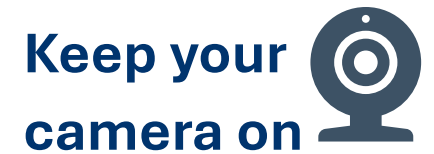
The webinar is being **recorded** for internal purposes only



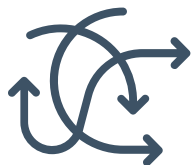
Raise your hand if you wish to speak. We will **open the floor** for question **after each section**. Use the **chat** or the QA functionality to share materials or for specific comments that are not intended for discussion. If the issue is not resolved today, we will follow up with you in writing



In chat messages, **please type your name first, if it isn't clear who you are.**



We would love to see and interact with you! Please keep your **camera on**, and the **microphone mute** unless you want to speak



Technical difficulties? Send a message through the chat

Agenda

WORKPLAN

1

TIMELINE

2

DATA MODEL

3

REPORTNET 3

4

QA

5

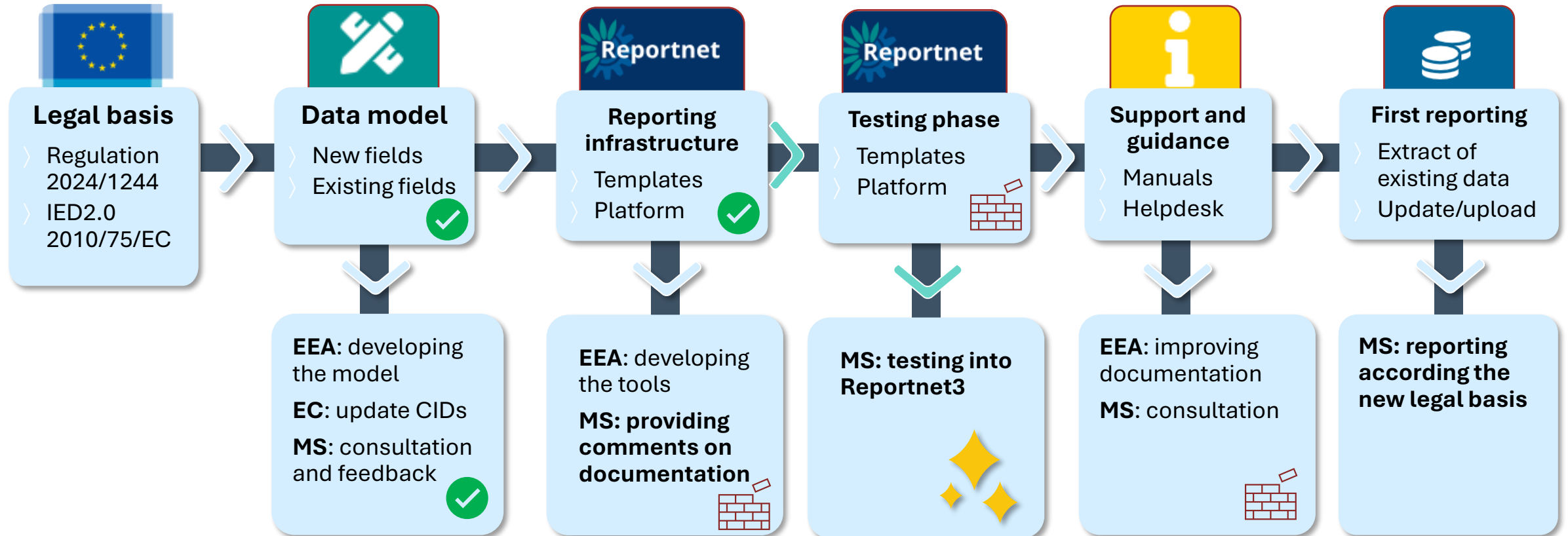
OPEN ITEMS

6

Process

2024 - 2027

2028



Helpdesk and support to countries



Done



Ongoing



New

- › **Work on Art. 13 of IEPR (Guidance)**
- › **Finalisation of draft data model principles**
- › **Support to draft of CIDs**
- › Development of improved QA processes
- › **Start IT development (schema, template, backend etc....)**
- › Continuous consultation and interaction with MS

Done

Ongoing

Postponed

- › **(More) work on Art. 13 of IEPR (guidance)**
- › **Support to CIDs drafting and approval**
- › **Adjustment to data model (if needed)**
- › **Development ~~Finalisation~~ and testing of QA processes**
- › ~~Finalisation~~ **Drafting** of documentation (**data model, manual for reporters, guidance, QA procedures**)
- › ~~Ad-hoc webinars with MS (3)~~ **On request bilaterals**

Done

Ongoing

Postponed

- › **Support to CID drafting and approval (IED implementation)**
- › Indicative list of pollutants
- › Finalisation of preparatory profiles of new sectors (batteries, hydrogen electrolysis, aquaculture >500tpa)
- › **Preparation for new IEPR datasets (Anticipation of caveats, errors)**
- › Finalisation of remaining documents (manual, QA/QC)
- › Delivery of reporting documentation to MS (Goal Q3 2026)
- › Webinars

Done

Ongoing

Postponed

Timeline and way of working

Timeline – 5 Steps milestones

Step 1 – 26 June 2026

Data Model / MfR v0.9 to MS
Dataflows **available** in Reportnet 3 (Step 1) –
basic testing available
Data Dictionary available

Step 3 – Q2 2027

Dataflow in Reportnet 3 (Step 3): further
updates on QA
Update to Data Model / MfR and QA
documentation

Step 5 – End Q2 2028

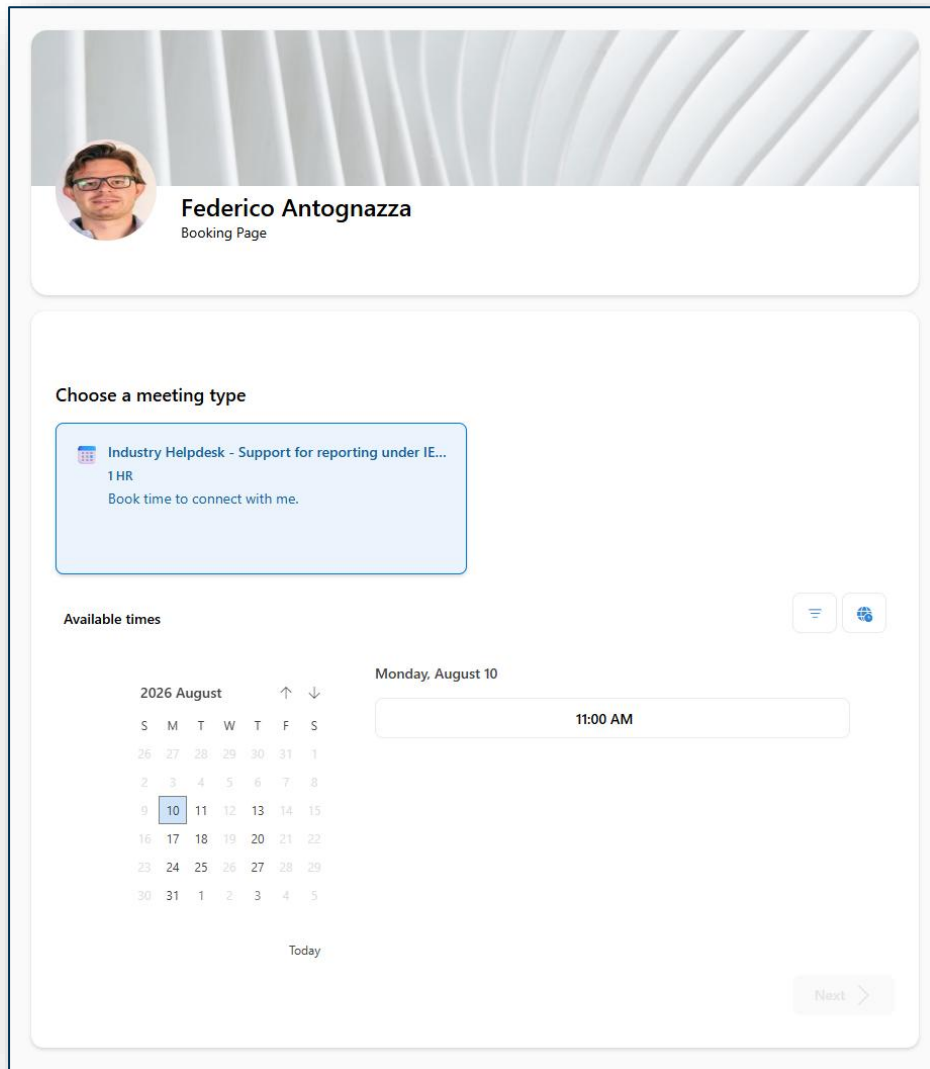
Reporting is opened
Testing continue to be available

Step 2 – Q3/Q4 2026

QA documentation draft to MS
Dataflow in Reportnet 3 (Step 2): inclusion of
first batch of advanced QA

Step 4 – From Q3 2027

Dataflow in Reportnet 3 (Step 4): Advance
testing available
QA improvements reflecting testing feedback
Final version of documentation available.




The screenshot shows a booking interface for Federico Antognazza. At the top, there is a profile picture and the name 'Federico Antognazza' with the role 'Booking Page'. Below this, a section titled 'Choose a meeting type' contains a single option: 'Industry Helpdesk - Support for reporting under IE...' with a duration of '1 HR' and the text 'Book time to connect with me.'. Underneath, the 'Available times' section features a calendar for '2026 August' with the 10th highlighted. To the right of the calendar is a date selector for 'Monday, August 10' and a time slot dropdown set to '11:00 AM'. A 'Next' button is located at the bottom right of the interface.

- › From **3rd August**, dedicated weekly availability to address issues and get **support**
- › This is **additional** to the Industry Helpdesk
- › **1 hour slot – 3 times per week**
- › Booking: <https://tinyurl.com/IEPRIED>

Documentation new home

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

Environmental information systems ▾



Industrial Emissions

Explore data on the map | Dashboards | Dataset | Pollutants | About | Reporting

Reporting

Published 28 May 2026

Home > Reporting

Purpose of this section

The purpose of this section of the portal is to allow the **reporters** to be updated on the progress of the technical works, sharing information and be updated on the content presented in meeting and webinars in the process of developing the materials to report under the new **Industrial Emission Portal Regulation** (IEPR) and the revised **Industrial Emission Directive** (IED2.0).

Background

The European Union has adopted a new Industrial Emission Portal Regulation (Regulation 2024/1244, former E-PRTR Regulation) and a revised version of the Industrial Emission Directive (Directive 2010/75/EU, IED). Art. 6 of the Regulation 20124/1244 and art. 72 of the Directive set the requirements for reporting obligations to EU Member States.

The main updates regards the reporting of thematic information (pollutant releases, pollutant transfers, waste transfers, production volume, resource use, energy use, water use) at installation level, as well as more clear provision on how the data should be made available to the public.

Legal documentation

Industrial Emission Portal Regulation

▾

- > Documentation is available here
- > Templates and other technical files containing data are in **Reportnet 3** inside the dataflow

Data Model / Manual for reporters

Overview and materials



Core EU Registry

Administrative information
Geographical data



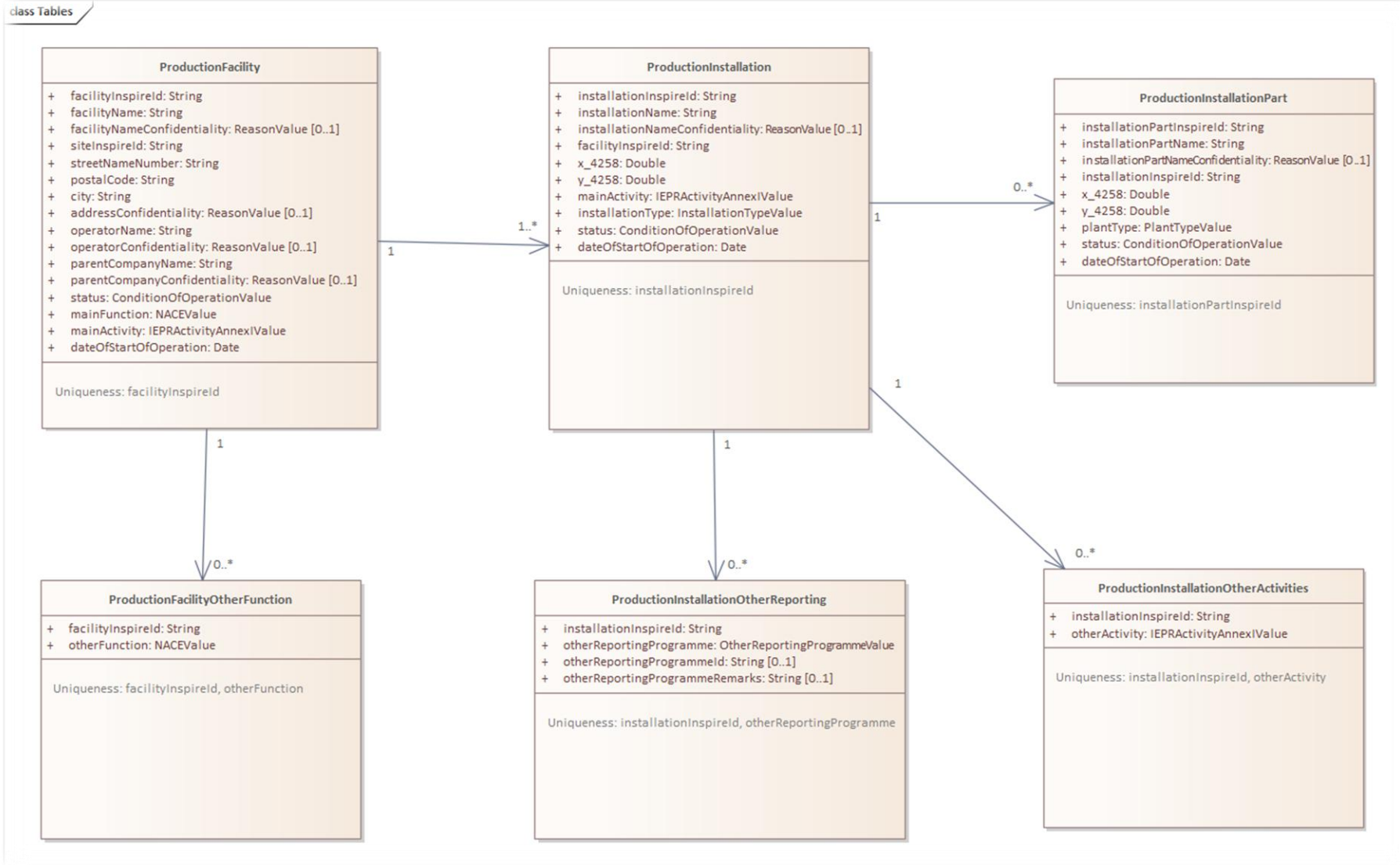
IED Implementation

Permit details
Derogations

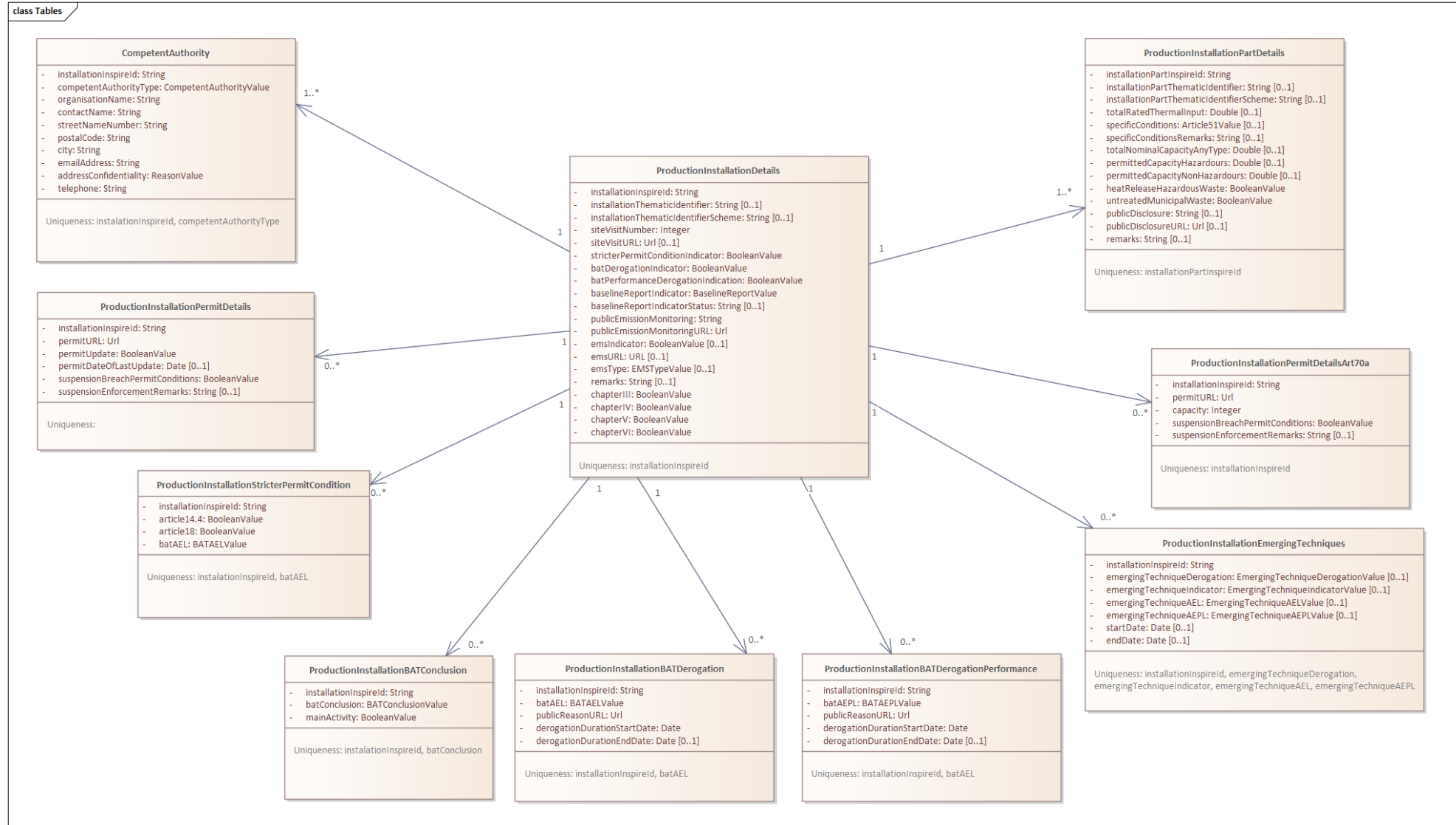


IEPR and LCP

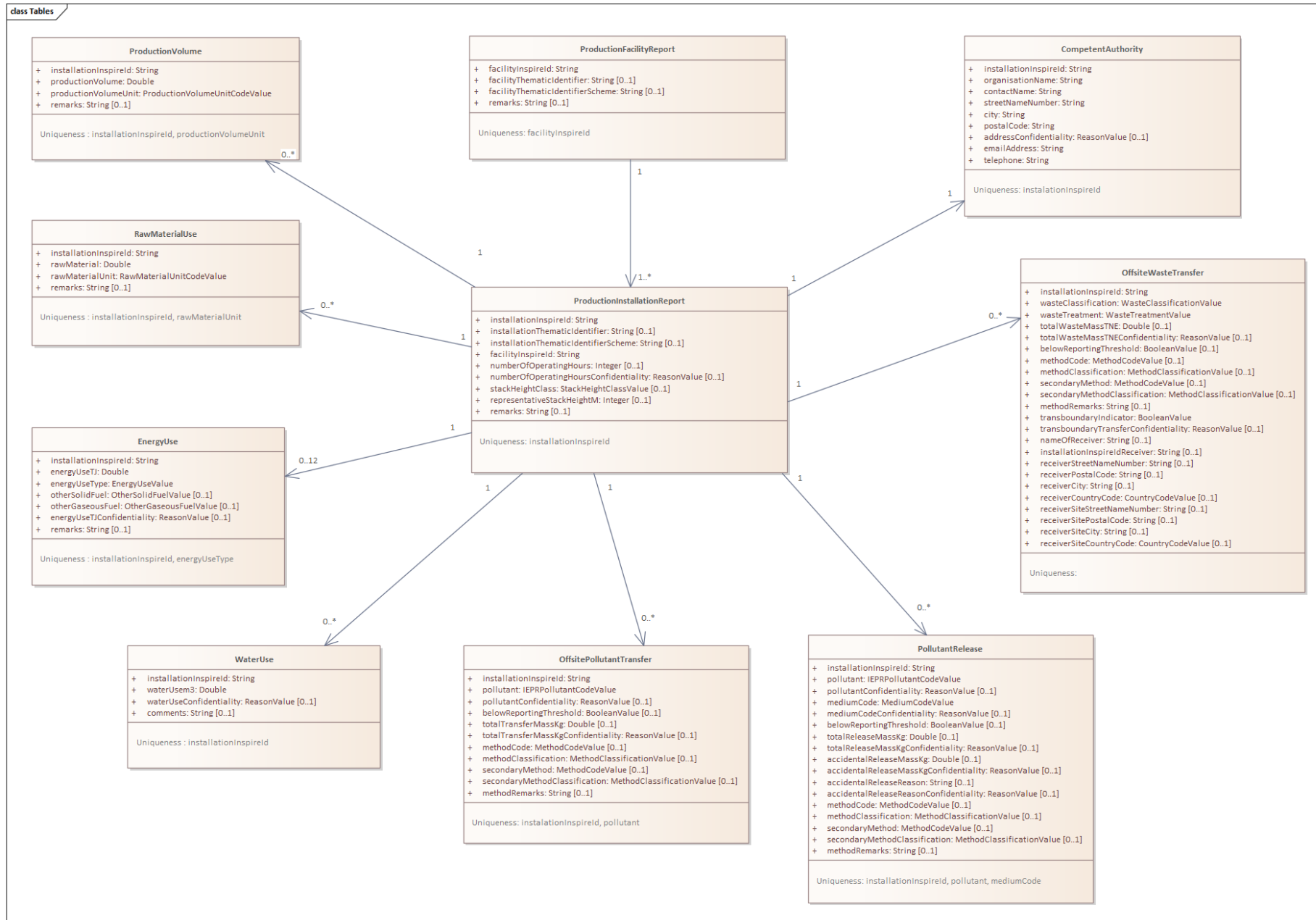
Thematic and contextual data
LCP emissions and energy input

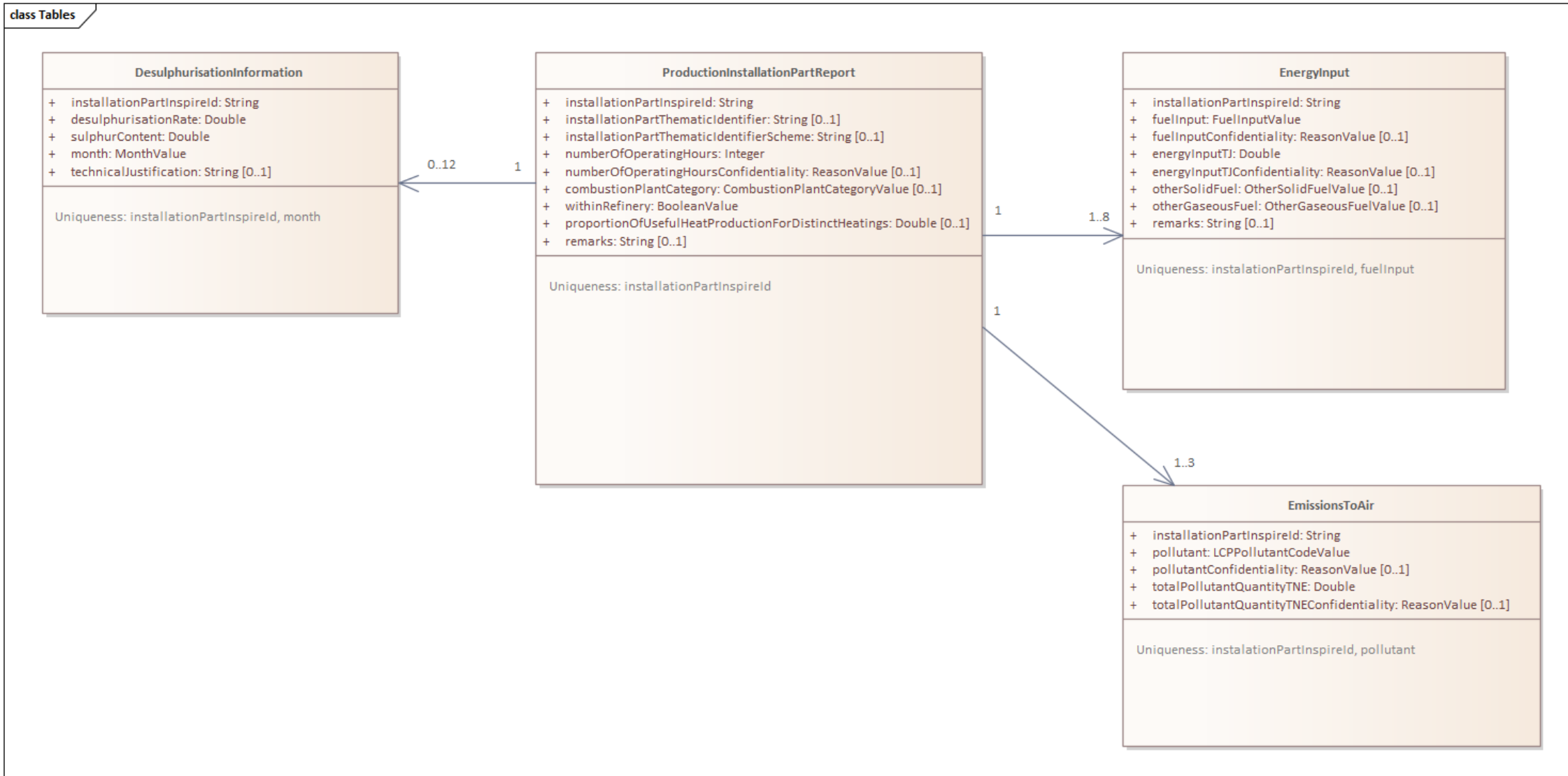


IED Implementation



IEPR and LCP - IEPR





WHAT CAN BE FOUND

- › Description and **data model** of each dataflow
- › **Field type** and field **descriptions**
- › Reference to **data dictionary** used to perform reporting
- › **Instructions** and **guidelines** on how to use the reporting platform
- › **Examples** on how to report specific data correctly

WHAT CAN'T BE FOUND

- › How to execute monitoring campaign or emission load calculations
- › How to identify competent authorities
- › QA/QC description
- › Content of the IEPR Guidance document

The new manual for reporters

Harry Smith (Aether – ETC/HE)

Understanding the last Manual for Reporter

The Manual for Reporters (MfR) provides comprehensive guidance on the **procedures and reporting requirements** for EU Member States (MS) and other reporting countries to report environmental and administrative information relating to industrial entities across Europe.

The manual details the procedures and requirements for three dataflows:

1. the Core EU Registry on Industrial Sites,
2. the Industrial Emissions Directive (IED) Implementation dataflow,
3. and the Industrial Emissions Portal Regulation (IEPR) and LCP (LCP) dataflow.



Understanding V0.9

V0.9 of the MfR builds on an earlier version, V0.7, released for consultation in March 2025.

Notably, these versions of the MfR include **all three dataflows related to the IED or IEPR**, unlike previously, where dataflows were split across two manuals.



What's remained the same

- + The structure of reporting and the entities to be reported **remain based on the 'geographical hierarchy'**.
- + **Inspire identifiers still play a crucial role** in linking industrial entities between dataflows.
- + Dataflows **continue to be based on reporting requirements from a range of legislation** and are not limited to a single regulation or directive, allowing for efficiencies in reporting.

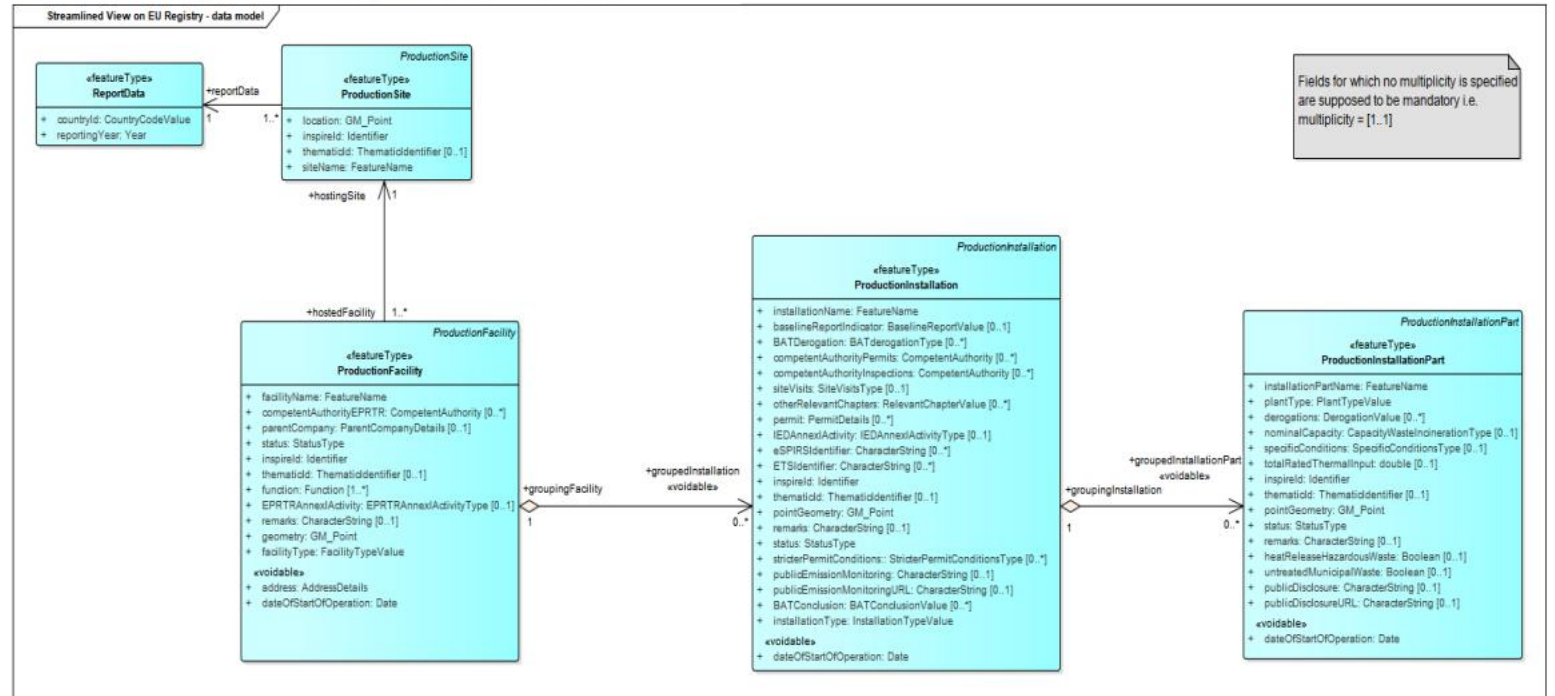
What's new?

- + The presentation of the **MfR is no longer based on elements common to unified modelling language (UML)**, to describe the data and information to be reported.
- + The **reporting requirements of the implementing acts** of the IEPR and IED have been incorporated.
- + Improved description of the **legal basis**.
- + New and improved guidance on the use of **Reportnet 3**.

What's new?

- + The presentation of the MfR is no longer based on elements common to unified modelling language (UML), to describe the data and information to be reported.
- + The reporting requirements of the implementing acts of the IEPR and IED have been incorporated.
- + Improved description of the legal basis.
- + New and improved guidance on the use of Reportnet 3.

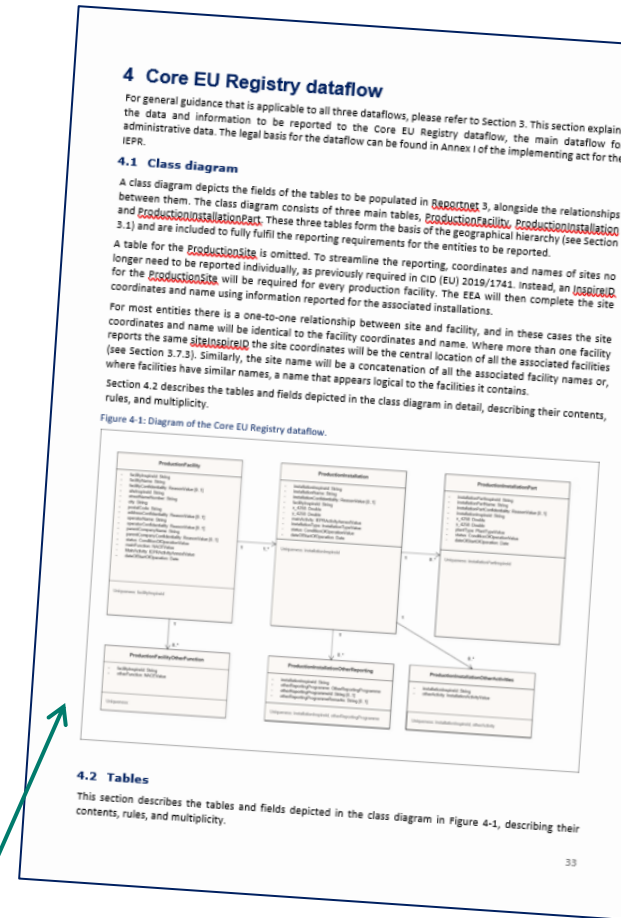
Figure 7- Class diagram of the EU Registry's 'Streamlined view'.



These 'class diagrams' were used to specify and describe the reporting requirements, using a schema of feature type, data type and attribute.

What's new?

- + The presentation of the MfR is no longer based on elements common to unified modelling language (UML), to describe the data and information to be reported.
- + The reporting requirements of the implementing acts of the IEPR and IED have been incorporated.
- + Improved description of the legal basis.
- + New and improved guidance on the use of Reportnet 3.



'class diagrams' still used to describe connections between tables.

4.2.1 ProductionFacility

ProductionFacility is the first table in the dataflow and contains fields specific to the identification and nature of the facility reported. The fields to be reported have their basis in Annex I of the IEPR Implementing Act, Commission Implementing Decision (EU) 2026/xxxx.

ProductionFacility contains the following fields:

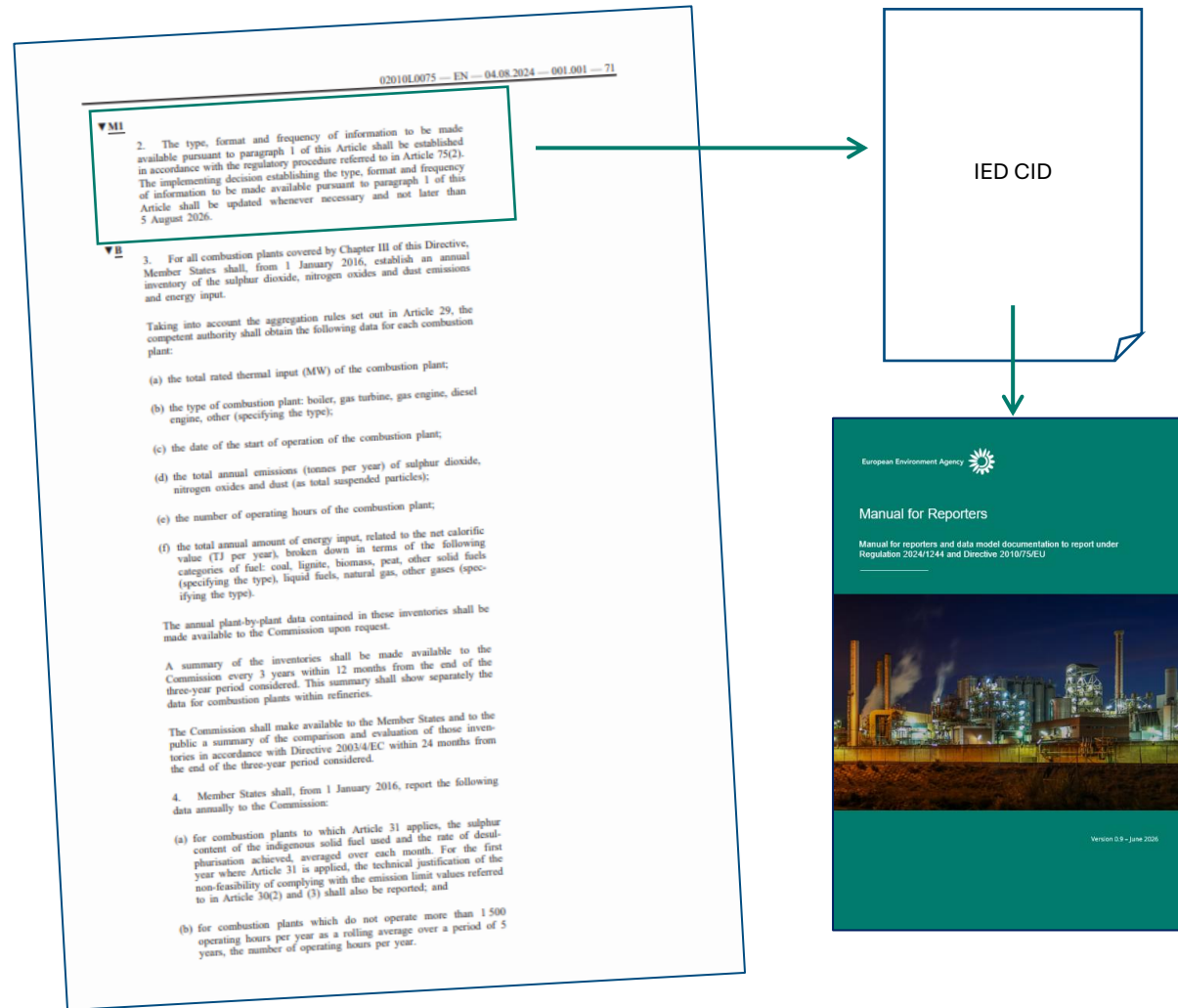
- facilityINSPIREID**: This field is populated with an INSPIRE compliant identifier referring to the specific facility reported. Guidance on how INSPIRE identifiers can be defined is detailed in Section 3.4. The identifier used for the **ProductionFacility** table must be an identifier which will also be used for the same facility in the other two dataflows. The field is a required field for every entry in **ProductionFacility** and will be checked for uniqueness, meaning multiple entries for a single facility should not be added. The field is a character string, meaning it can be populated with numbers and letters.
- facilityName**: This field should refer to the official denomination, proper name or conventional name of the facility, consistent with the reporting requirements in Annex I of the IEPR Implementing Act, Commission Implementing Decision (EU) 2026/xxxx. The field is a required field for every entry in **ProductionFacility** and is a character string, meaning it can be populated with numbers and letters.
- facilityNameConfidentiality**: This field should be populated from the **ReasonValue** code list, which contains a list of reasons to protect environmental information from public disclosure, originating from Article 4, Paragraph 2 of the Environmental Information Directive. If this field is populated, then the data contained in the **facilityName** field will not be published by the EEA in public data products. It should be noted that, even in the case of claiming confidentiality, the **facilityINSPIREID** is still to be reported to the EEA. The use of this field may apply where the **facilityName** is that of a natural person, and point (f) of the Environmental Information Directive applies, requiring 'the confidentiality of personal data and/or files relating to a natural person where that person has not consented to the disclosure of the information to the public'.
- siteINSPIREID**: This field is populated with an INSPIRE compliant identifier referring to the site of the facility reported. Guidance on how INSPIRE identifiers can be defined is detailed in Section 3.4. The field is a required field for every entry in **ProductionFacility**. The field is a character string, meaning it can be populated with numbers and letters. Information on the site is no longer collected and attributes such as geographic coordinates will be populated using facility level information as centre point of the coordinates of the parent facilities by the EEA.
- streetNameNumber**: This field should be populated with the street or road name where the facility is located, and the building number, if present. The field is a required field for every entry in the **ProductionFacility** table and is a character string, meaning it can be populated with numbers and letters.
- city**: This field should be populated with the name of the city where the facility is located. The field is a required field for every entry in the **ProductionFacility** table and is a character string, meaning it can be populated with numbers and letters.
- postalCode**: This field should be populated with the postal code of the facility. The field is a required field for every entry in the **ProductionFacility** table and is a character string, meaning it can be populated with numbers and letters.
- addressConfidentiality**: This field should be populated from the **ReasonValue** code list, which contains a list of reasons to protect environmental information from public disclosure, originating from Article 4, Paragraph 2 of the Environmental Information Directive. If this field is populated, then the data contained in the **streetNameNumber**, **city**, and **postalCode** fields will not be published by the EEA in public data products. It should be noted that, even in the case of claiming confidentiality, the fields are still to be reported to the EEA. If a country over-uses this designation, the case will be sent to DG ENV.

34

Detailed description of table fields

What's new?

- + The presentation of the MfR is no longer based on elements common to unified modelling language (UML), to describe the data and information to be reported.
- + **The reporting requirements of the implementing acts of the IEPR and IED have been incorporated.**
- + Improved description of the legal basis.
- + New and improved guidance on the use of Reportnet 3.



What's new?

- + The presentation of the MfR is no longer based on elements common to unified modelling language (UML), to describe the data and information to be reported.
- + The reporting requirements of the implementing acts of the IEPR and IED have been incorporated.
- + Improved description of the legal basis.
- + New and improved guidance on the use of Reportnet 3.

2 Introduction to industrial reporting

As part of an initiative to streamline the reporting of industrial environmental data, three dataflows have been established, which jointly form a comprehensive EU-wide database of industrial entities whilst centralising the collection of both administrative and thematic data for these same entities.

2.1 The three dataflows

The three dataflows are:

- The Core EU Registry, covering the administrative information of industrial entities that is not expected to vary year-to-year. With the exception of the 'main activity', the core EU registry usually covers items that are 'legislation-agnostic', that is, they are not requirements of a given legislation.
- The IED implementation dataflow covering information on permitting, site inspections and derogations, and other administrative information from installations subject to the IED that tend to vary year-to-year.
- The Industrial Emissions Thematic dataflow on environmental data. This dataflow covers both large combustion plants (LCPs) subject to the IED and installations subject to the IEPR, covering thematic information such as environmental data on the releases of certain pollutants or emissions to air, the off-site transfer of waste, and contextual data such as production volume, energy use, water use, and the use of raw materials. Given the nature of thematic data, this varies year-to-year.

Each dataflow is differentiated by the degree to which the reported information and data vary each reporting year. Dataflows are not differentiated based on their legal basis alone, and a single dataflow may cover entities subject to both the IED and IEPR and their reporting requirements.

2.1.1 The legal basis

The three dataflows are a result of an overall effort within the Commission and the EEA to streamline the reporting of industrial emissions. These efforts build upon a longer history of industrial reporting, notably under the European Pollutant Release and Transfer Register (E-PRTR) Regulation⁶, first introduced in 2006 and the IED, which followed in 2010.

Following an evaluation of the EPRTR Regulation in 2017 (see Footnote 7), the Commission concluded that the reporting obligations within the EPRTR Regulation should be streamlined by further exploring synergies with other related Union environmental law on pollution, including the IED and the Urban Waste Water Treatment Plant Directive (UWWTPD) (Directive (EU) 2024/3019)⁷. The Commission similarly concluded that the reporting of additional contextual information could make the reported data more effective⁸.

In 2021 and in line with these conclusions, the Commission, with the assistance of the EEA developed the industrial Emissions Portal, replacing the E-PRTR website. To allow for the reporting of additional contextual information, the Commission adopted Commission Implementing Decision 2022/142, establishing the units and metrics that enable operators to report each year on the production volume of an E-PRTR facility⁹. However, since the E-PRTR Regulation needed to be substantially modified to allow for further changes, it was proposed, in 2022 (see Footnote 10), that the Regulation be repealed and replaced by a new Regulation for the reasons of legal certainty, clarity and transparency, resulting in the eventual adoption of a new

regulation, the IEPR, in 2024. The reporting requirements within the IEPR apply from reporting year 2027 (see Recital 34 of the IEPR).

The adoption of the IEPR occurred in parallel to revisions to the IED, which began following the publication followed in 2020 (see Footnote 11), which concluded that, while generally effective in preventing and controlling pollution from industrial activities, and in promoting the use of best available techniques (BAT), the Directive was not being implemented consistently across Member States and further revisions were necessary to address the commitments made in the European Green Deal. A proposal to amend the IED was presented by the Commission in 2022 (see Footnote 12), resulting in 2024 with the adoption of the 'revised Directive 2024/1785.

Both the IEPR and IED are supported by a series of delegated and implementing acts (see Table 2-1). On the IEPR, Article 7 requires Member States to submit to the Commission, by electronic means, a report including to competent authorities. The reporting by Member States under Article 7 is to be 'in a format to be established by the Commission by means of implementing acts'. The IEPR Commission implementing dataflows related to the IEPR.

On the IED, Article 72 requires Member States to make available to the Commission data on the implementation of the IED. Similar to the IEPR, the type, format and frequency of information to be made available is detailed in an accompanying implementing decision. Similar to the IEPR Commission largely provides the legal basis for the aspects of the three dataflows related to the IED.

Table 2-1 The legal basis of each dataflow.

Dataflow	Covers data subject to	Legal basis
Core EU Registry	IEPR and IED	Principally Annex I of the IEPR Implementing Act (Commission Implementing Decision (EU) 2026/xxxx) and Annex I of the IED Implementing Decision (Commission Implementing Decision (EU) 2026/xxxx).
IED Implementation dataflow	IED	Principally Annex I of the IED Implementing Decision (Commission Implementing Decision (EU) 2026/xxxx and Article 72(3) of the IED).
Industrial Thematic dataflow	IEPR and IED	Principally Annex II of the IEPR Implementing Act (Commission Implementing Decisions (EU) 2026/xxxx) and Section 3.3 of Annex I of the IED Implementing Decision (Commission Implementing Decision (EU) 2026/xxxx and Article 72(3) of the IED).

⁶ Regulation (EC) No 166/2006 of the European Parliament and of the Council of 18 January 2006 concerning the establishment of a European Pollutant Release and Transfer Register and amending Council Directives 91/676/EEC and 194/63/EEC (Text with EEA relevance), available at: <http://data.europa.eu/eli/reg/2006/166/oj>

⁷ European Commission, 2017, REIT evaluation of Regulation (EC) No 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register (E-PRTR), available at: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ:L:2017:710:FIN>

⁸ Directive (EU) 2024/3019 of the European Parliament and of the Council of 27 November 2024 concerning urban wastewater treatment (recast) (Text with EEA relevance), <http://data.europa.eu/eli/dir/2024/3019/oj>

⁹ Commission Implementing Decision (EU) 2022/142 of 31 January 2022 amending Implementing Decision (EU) 2019/1741 as regards the reporting on production volume and correcting that implementing Decision (notified under document 2022/143) (Text with EEA relevance), <http://data.europa.eu/eli/dec/imp/2022/142/oj>

¹⁰ European Commission, 2022, Proposal for the Industrial Emissions Portal Regulation (including Annexes), available at: https://environment.ec.europa.eu/publications/industrial-emissions-directive-proposal-evaluation_en

¹¹ European Commission, 2020, Commission Staff Working Document Evaluation of the Industrial Emissions Directive (IED) Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control), available at: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52020DC0011>

¹² European Commission, 2022, Proposal for a Directive of the European Parliament and of the Council amending Directive 2010/75/EU of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control) and Directive 2004/108/EC of the Council of 13 December 2004 on the liability of product liability (Text with EEA relevance), available at: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52022DC0011>

¹³ Council of 14 March 2007 establishing an infrastructure for spatial data theme for Production and Industrial Facilities as defined in Section 8, Annex IV, of Commission Regulation (EU) No 1008/2010 and activities experienced across the various levels of public data theme for Production and Industrial Facilities allows for spatial data different sources across the European Community, and industrial facilities. Unique INSPIRE identifiers for each facility with the other two dataflows, to allow the generation of INSPIRE identifiers for each facility.

¹⁴ INSPIRE Technical Guidelines – Technical Guidelines, available at: <https://inspire.ec.europa.eu/technical-guidelines>

What's new?

- + The presentation of the MfR is no longer based on elements common to unified modelling language (UML), to describe the data and information to be reported.
- + The reporting requirements of the implementing acts of the IEPR and IED have been incorporated.
- + Improved description of the legal basis.
- + New and improved guidance on the use of Reportnet 3.

7 Reporting to Reportnet 3

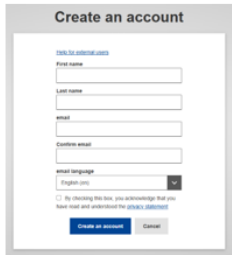
7.1 Reporting data to Reportnet 3 overall workflow

Reportnet3 is the web infrastructure for supporting data and information flows. The existing systems available within Reportnet3 will be utilised for all the dataflow reporting.

7.2 Logging in, user accounts and permissions

Reporting to the EU Registry first requires a Reportnet 3 account. To create an account, first navigate to Reportnet 3 (<https://reportnet.europa.eu/>) and click on the 'Login' button at the top right corner of the Reportnet homepage. You will be redirected to an EU Login page, the European Commission's user authentication service. Now click on the 'Create an account' option. This will take you to a further page to enter your details, including:

Figure 7-1 The 'Create an Account' option within Reportnet 3.



- First name – Your first name cannot be empty and can contain letters in any alphabet;
- Last name – Your last name cannot be empty and can contain letters in any alphabet;
- E-mail – An e-mail address that you have access to;
- Confirm e-mail – Type your e-mail address again to make sure it is correct;
- E-mail language – The language used when EU Login sends you e-mails regardless of the language used in the interface. It guarantees that you are able to understand these e-mails even if they were triggered mistakenly. EU Login only sends you e-mails for validating your identity or for notifying you about security events affecting your account.

Now check the Check the privacy statement by clicking on the link and tick the box to accept the conditions and enter the captcha code, to verify that you are a human being who is legitimately creating an account. If the form is correctly filled in, an e-mail is sent to the address you provided to verify that you have access to it. If you cannot find the e-mail, check your spam, or junk folder.

Next, you will be required to create a password for the account. Click the link in the e-mail or copy and paste the link address into the address bar of your web browser.

You will be invited to select a password and to confirm it to make sure you did not mistype it. Your new password must contain at least 10 characters and a combination of: upper case letters, lower case letters, numbers and special characters.

The e-mail field is prefilled and cannot be changed. It should contain the e-mail address you provided previously when creating an account. Type your password again in the 'Confirm new password' box and click on Submit. You should now have an EU Login account and can proceed with logging in to Reportnet 3.

Return to the Reportnet homepage (<https://reportnet.europa.eu/>) and click on the 'Login' button at the top right corner. You will be redirected to authenticate using EU login. Enter your email address associated with your EU Login and press Next, you will be directed to enter your EU login password and chosen verification method. Then press Sign in. In your first login to Reportnet 3, after you have been authenticated by EU login, you will be asked to fill a form to specify a username and your first and last name. Username should be the same email address as your EU login. Fill the form and press Submit. You should now be logged in to the platform, but the dataflow list will be empty.

75

Section 7 covers submission using Reportnet 3, the EEA's e-reporting platform.

- › Please raise your hand to be given the floor



› 10 minutes

› Back at 11.00



Reportnet 3

Overview and materials

Access to dataflows

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
ServiceDesk@eea.europa.eu


Help Pages

Dataflow status

View by dataflow status and download reported data

View by obligation status and download reported data

View by country dataflow status and download reported data

External portals



Reportnet 2

Reportnet is Eionet's infrastructure for supporting and improving data and information flows.



ROD 3

EEA's reporting obligations database



Datahub

Search and download EU datasets and products derived from reporting

- Login is based on **EU Login only**
- Technical support for access through: servicedesk@eea.europa.eu
- Industry helpdesk **can't** help in handling login issues.
 - Good practice: if you contact Service Desk, put Industry Helpdesk in copy for awareness.

Who has access to the dataflows?

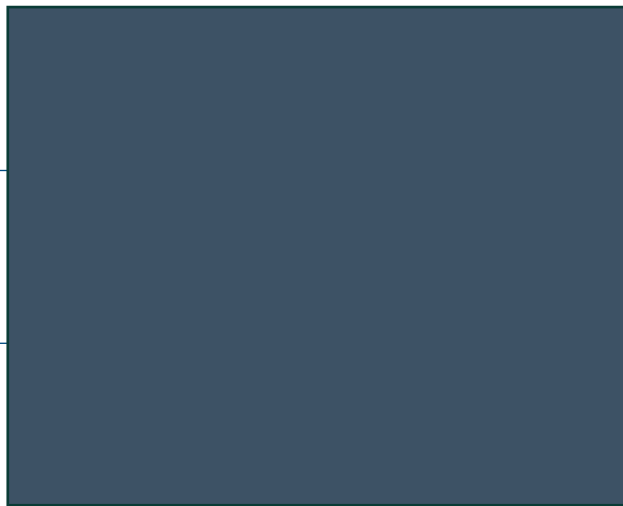
Dataflow	Step 1	Step 2-4	Step 5
Core EU Registry	EU Registry E-PRTR/LCP	[Redacted]	[Redacted]
IED Implementation	EU Registry E-PRTR/LCP		
IEPR and LCP	EU Registry E-PRTR/LCP		

Progressive specialisation of reporters.

In step 1 everyone sees everything to get better understanding

The approach aims at supporting MS in dealing with concurrent responsibilities

Who has access to the dataflows?

Dataflow	Step 1	Step 2-4	Step 5
Core EU Registry	EU Registry E-PRTR/LCP	EU Registry E-PRTR/LCP	
IED Implementation	EU Registry E-PRTR/LCP	EU Registry	
IEPR and LCP	EU Registry E-PRTR/LCP	E-PRTR/LCP	

Progressive specialisation of reporters.

In step 1 everyone sees everything to get better understanding

The approach aims at supporting MS in dealing with concurrent responsibilities

Who has access to the dataflows?

Dataflow	Step 1	Step 2-4	Step 5
Core EU Registry	EU Registry E-PRTR/LCP	EU Registry E-PRTR/LCP	Core EU Registry
IED Implementation	EU Registry E-PRTR/LCP	EU Registry	IED Implementation
IEPR and LCP	EU Registry E-PRTR/LCP	E-PRTR/LCP	IEPR and LCP

Progressive specialisation of reporters.

In step 1 everyone sees everything to get better understanding

The approach aims at supporting MS in dealing with concurrent responsibilities

New approach

- **Lead reporter** can see only the dataflow is responsible for
- **Country-based** folder approach deprecated
- For each reporting year a **new dataflow is opened**


Step based approach

- **Automatic QA** releases is planned in several steps (from 1 to 5)
- **Each Step** will result in a **new dataflow**
- **Previous steps will stay open** to allow everyone to progress according their capacity



.CSV


- **.csv** is the native format supported by Reportnet3
- **Unicode (UTF-8)** must be used in generating the files
- **Each table** of the data model diagram is a .csv file

Dataflows – Step 1

Reportnet 3 > [Dataflows](#) Federico Antognazza 

Legal instrument: **IEPR**
Obligation: **IEPR and LCP** Dataflow status: **DESIGN**



 Role: **CUSTODIAN** Creation date: 2026-05-29
Delivery date: 2028-09-30 


 **[TEST] – IED Implementation – Step 1 (Big Data) (SNC Data)**

[TEST] – IED Implementation – Step 1

Legal instrument: **Industrial Emissions Directive (IED)**

Obligation: **IED Implementation** Dataflow status: **OPEN**

 Role: **CUSTODIAN** Creation date: 2026-05-29
Delivery date: 2028-09-30 

 **[TEST] – Core EU Registry – Step 1 (Big Data) (SNC Data)**

[TEST] – Core EU Registry – Step 1

Legal instrument: **IEPR**

Obligation: **Core EU Registry** Dataflow status: **OPEN**

Dataflows are considered “business” and “sensitive nonclassified” (SNC) data
Higher level of internal security and encryption

Dataflow support content





Dataflow help

[TEST] - Core EU Registry - Step 1

Supporting documents Web links Dataset schemas

Upload

Title	Description	Category	Language	Public	Upload date	Size	File	Actions
IEPR and IED - SQL code to generate tables.zip	IEPR and IED - SQL code to generate tables in database	zip	English		2026-06-25	4.35 KB		 

Step 1

- Download **reporting templates** with field definitions and field type
- Download **automatic QC** definitions
- **View and download** relevant **data dictionary**
- **TESTING** dataset against automatic QC

from Step 2 to Step 4

- Same as Step 1
- Additional custom QCs are included (and definition can be downloaded)
- **TESTING** dataset against all the implemented QCs

SQL materials

Advanced materials to support IT development

SQL tables

- 3 SQL files available in each dataflow to facilitate the process of generation of the reporting files
- The code allows the generation of database tables compliant with the Reportnet 3 schema definition
- Easy integration in existing databases

```
***** Object: Table [eureg].[ProductionInstallation]      Script Date: 19/06/2026 17:00:00
*****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [eureg].[ProductionInstallation] (
    [installationInspireId] [nvarchar](255) NOT NULL UNIQUE,
    [installationName] [nvarchar](300) NOT NULL,
    [installationNameConfidentiality] [varchar](25) NULL,
    [facilityInspireId] [nvarchar](255) NOT NULL,
    [x_4258] [float] NOT NULL,
    [y_4258] [float] NOT NULL,
    [mainActivity] [varchar](25) NOT NULL,
    [installationType] [varchar](30) NOT NULL,
    [status] [varchar](25) NOT NULL,
    [dateOfStartOfOperation] [date] NOT NULL,
    CONSTRAINT PK_ProductionInstallation PRIMARY KEY ([installationInspireId]),
    CONSTRAINT FK_ProductionInstallation_facilityInspireId FOREIGN KEY
([facilityInspireId])
    REFERENCES [eureg].[ProductionFacility] ([facilityInspireId])
) ON [PRIMARY]
GO
```

- Field definition is clear.
- Text field are defined and limits are set
- PK and FK constraints defined across dataflows

- › Please raise your hand to be given the floor



> 6 minutes

> Back at 12.10



Pre-filling of data

Rationale

Data pre-filling

- **New functionality** available in Reportnet3 to **reduce the burden** in reporting information stable through the time
- A dataset **CAN** be **pre-populated with existing information** at the beginning of the reporting exercise.

Pre-filling

- **Lead reporters decide to pre-fill** the dataflow with information previously reported and validated
- **Data** is taken **from** the **previous reporting cycle**.
- **Only** data **previously technically accepted by EEA** is allowed

Pre-filling

- **Pre-filled data** can be **deleted/edited** to reflect the most up-to-date status
- **Data must be validated**, i.e. QC needs to run
- **The lead reporter has an active role**
 - Decides if perform a pre-filling
 - Runs the validation on pre-filled data

Summary

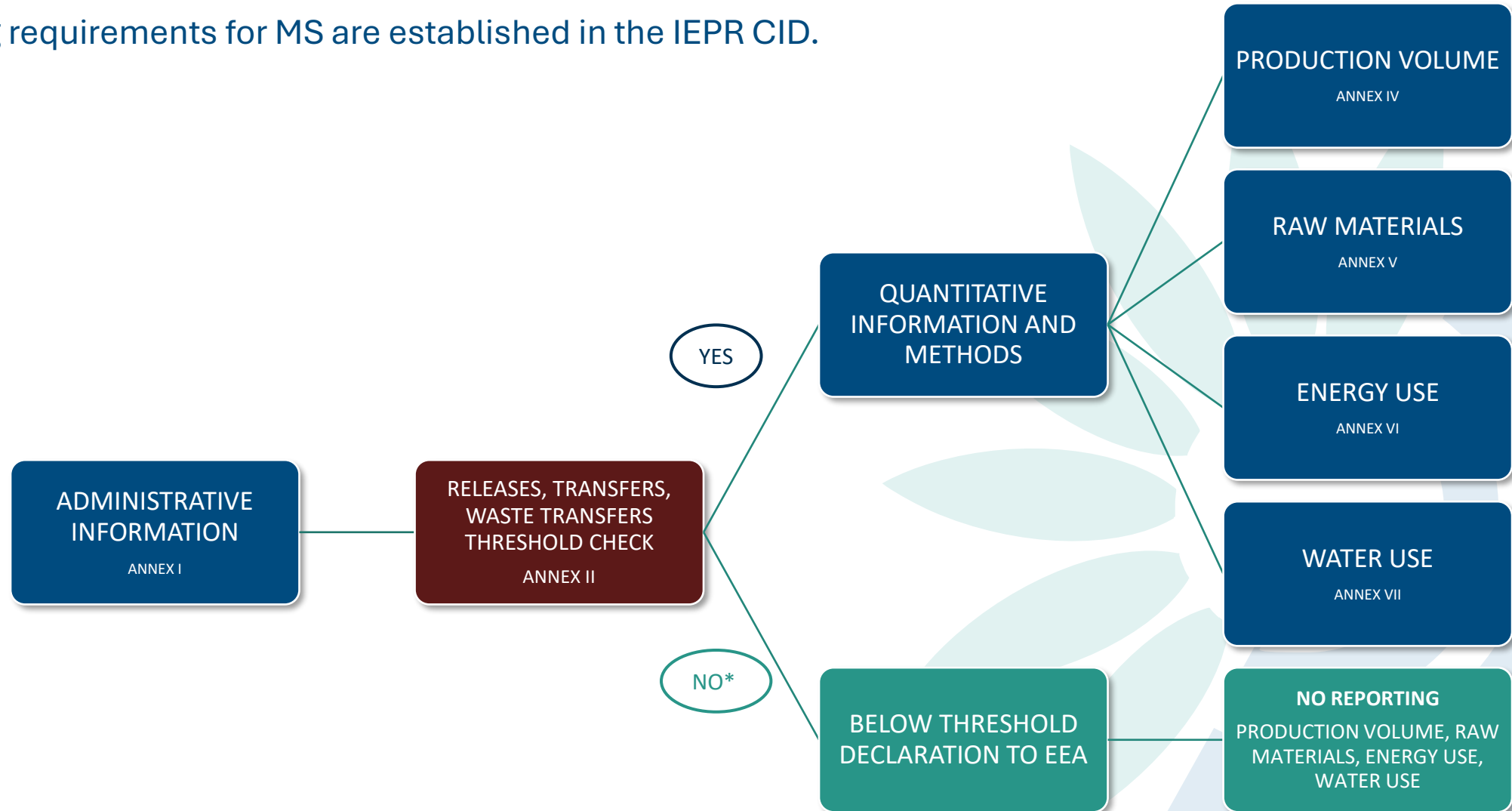
- It's a **possibility**, not a default option
- **Lead reporters** take the decision and prefill the dataflow
- **Data MUST be validated**
- **Lead reporter** has **ownership** on released **data**

Below threshold reporting

Rationale & example

First-time reporting by **MEMBER STATES** to EC (via EEA)

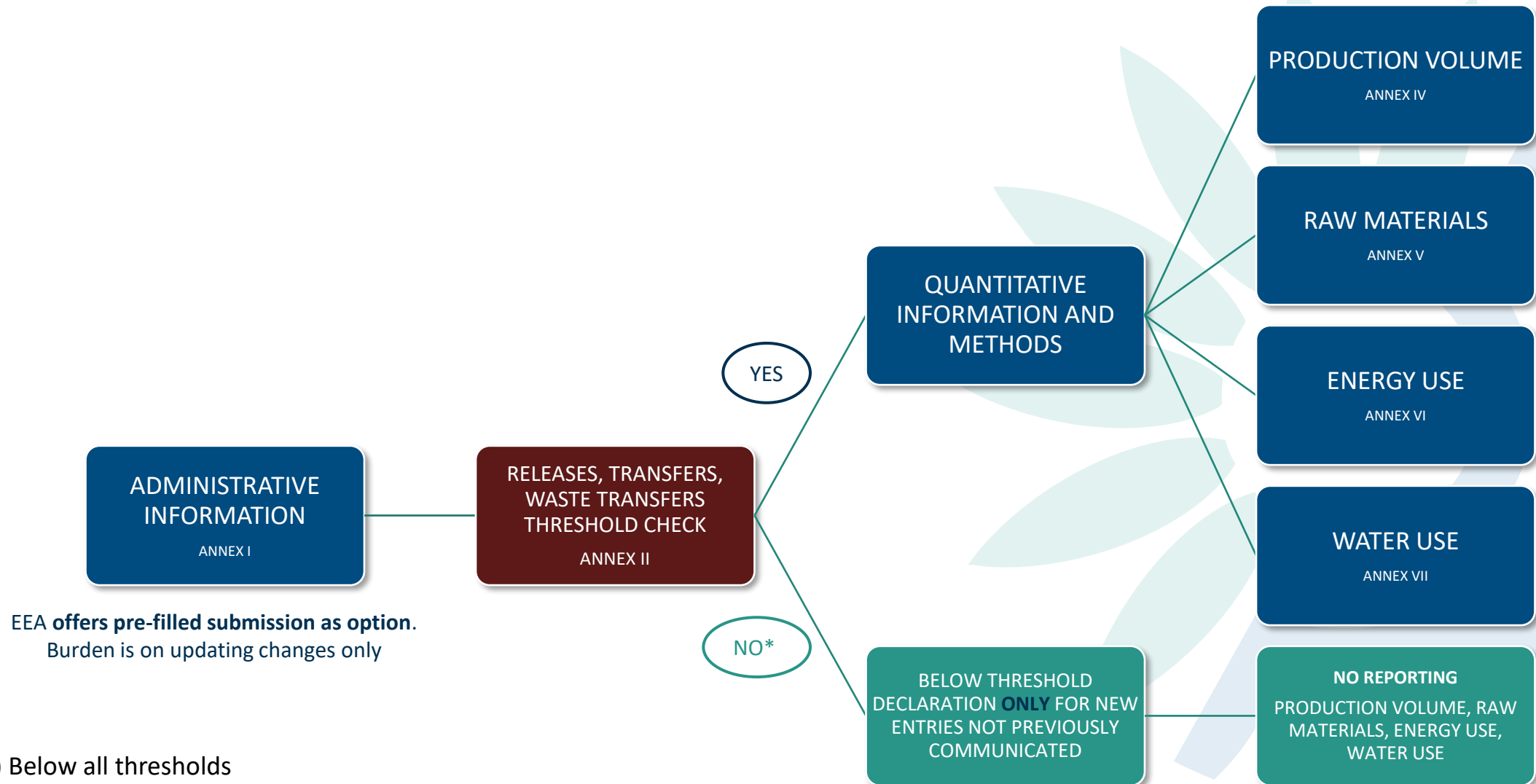
Reporting requirements for MS are established in the IEPR CID.



(*) Below all thresholds

Second-time reporting by **MEMBER STATES** to EC (via EEA)

Reporting requirements for MS are established in the IEPR CID.



Below threshold - Summary

	Pollutant Release	Offsite Pollutant Transfer	Offsite Waste Transfer
Mandatory content	<ul style="list-style-type: none">• installationInspireId• mediumCode• pollutant• totalReleaseMassKg or belowReportingThreshold	<ul style="list-style-type: none">• installationInspireId• pollutant• totalTransferMassKg or belowReportingThreshold	<ul style="list-style-type: none">• installationInspireId• wasteClassification• totalWasteMassTNE or belowReportingThreshold
Reporting clarification	<p>If a totalReleaseMassKg value is provided, belowReportingThreshold is “FALSE”: methodCode and methodClassification must be provided.</p> <p>If belowReportingThreshold = “TRUE”, totalReleaseMassKg, methodCode and methodClassification are voided.</p>	<p>If a totalTransferMassKg value is provided, belowReportingThreshold is “FALSE”: methodCode and methodClassification must be provided.</p> <p>If belowReportingThreshold = “TRUE”, totalTransferMassKg, methodCode and methodClassification are voided.</p>	<p>If a totalWasteMassTNE value is provided, belowReportingThreshold is “FALSE”: wasteTreatment, methodCode and methodClassification must be provided.</p> <p>If belowReportingThreshold = “TRUE”, totalWasteMassTNE, wasteTreatment, methodCode and methodClassification are voided.</p>

Example

- Installation with main activity 1.1; it has an underlying LCP which reports Dust, NO_x and SO₂.
- **Reporting year 2027**
 - Installation reports CO₂ releases and PM₁₀, NO_x, SO₂ and Hg below threshold
- **From 2028, different scenarios may occur**

Reportnet 3 – Below threshold reporting

Year	2028		
Reporting year	2027		
CO2	285000000		
PM10	Below threshold		
NOx	Below threshold		
SOx	Below threshold		
Hg and compounds	Below threshold		

Reportnet 3 – Below threshold reporting

Year	2028		
reportingYear	2027		
CO2	285000000		
PM10	Below threshold		
NOx	Below threshold		
SOx	Below threshold		
Hg and compounds	Below threshold		

Included into the reporting dataset

Reportnet 3 – Below threshold reporting

Year	2028	2029	
reportingYear	2027	2028	
CO2	285000000	265000000	
PM10	Below threshold		
NOx	Below threshold		
SOx	Below threshold		
Hg and compounds	Below threshold	50	

Included into the reporting dataset

Reportnet 3 – Below threshold reporting

Year	2028	2029	2030
reportingYear	2027	2028	2029
CO2	285000000	265000000	245000000
PM10	Below threshold		
NOx	Below threshold		
SOx	Below threshold		
Hg and compounds	Below threshold	50	Below threshold

Included into the reporting dataset

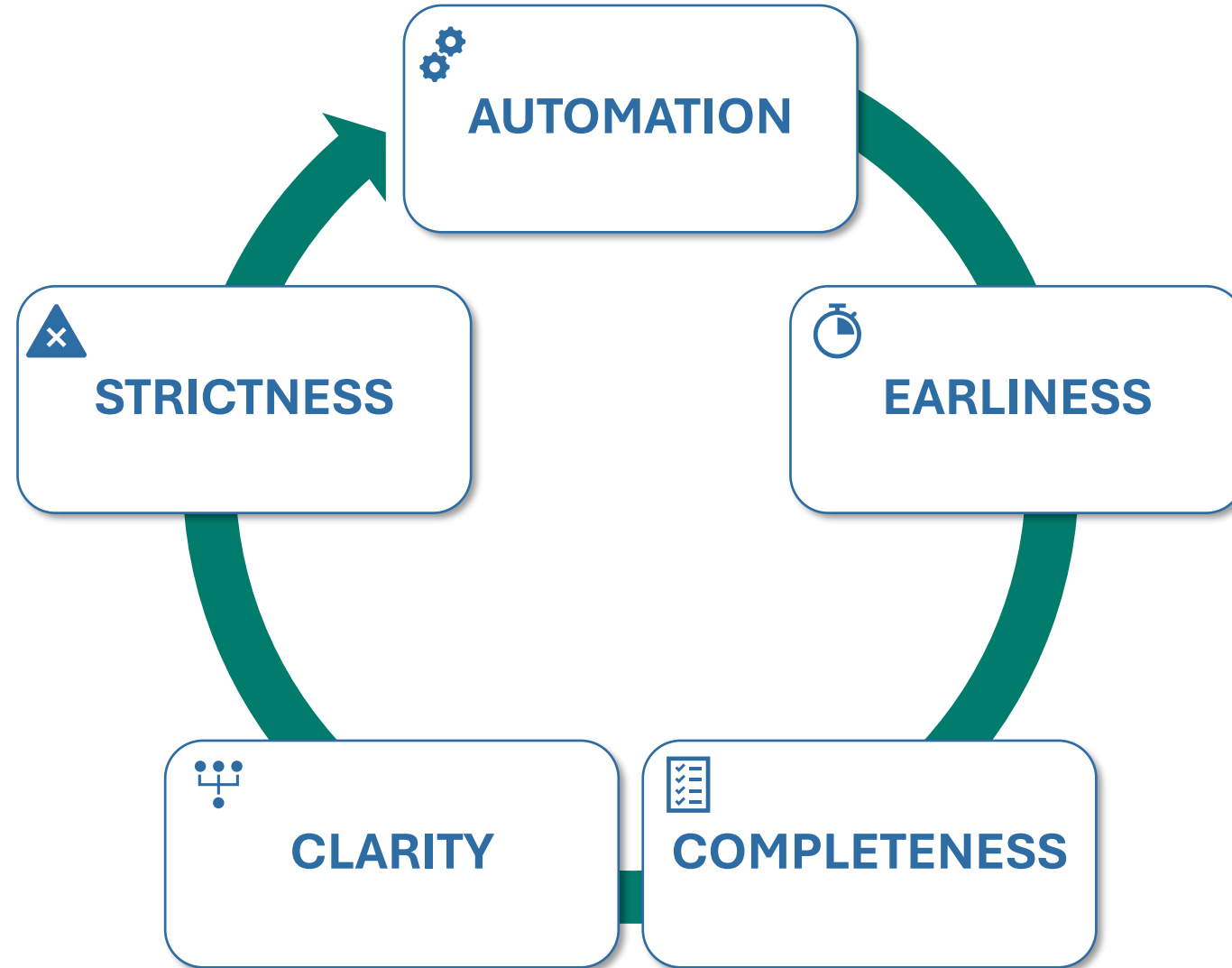
- › Please raise your hand to be given the floor



QA/QC documentation

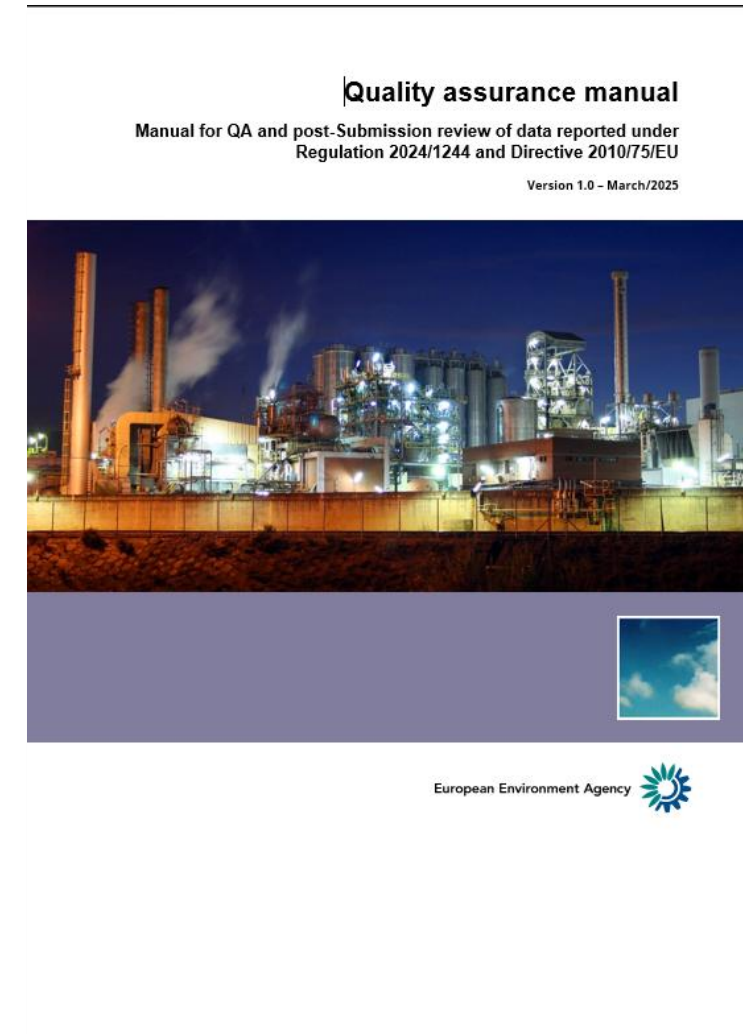
Progress on draft documentation and applied principles

Our principles



What has been done

- › **New document** draft almost finalised and ready to be shared
- › First iteration with working group
- › **New checks still to be developed:** This can be kicked off now that there are final CIDs
- › Open issues: Blockers vs Warnings



Step 2 Q3/Q4 2026

- Additional **cleaning** of the latest QA document: focus in cleaning redundant and not needed checks
- **Finalisation of LCP checks**
- Draft shared with MS for consultation

Step 3 Q2 2027

- Including feedback from MS
- Further work with working group
- **Find balance** between Automatic checks and postSubmission

Open topics

Additional status, Annex II values

Status

- It might be worth to define new status types to reflect changes
- Event types are reflected in the MfR: should those be translated into a clearer status (e.g. functional-merger)?
- **Additional examples to be added to MfR**

Annex II

- EC to adopt final list of pollutant
- Once adopted, new values and thresholds, reflected into data dictionary
- List of indicative pollutants available by end 2026

BATAEPL

- New element of reporting.
- Reporting is designed to be similar to the current BATAEL
- BATAEPL code list to be defined and then reflected in data dictionary

- › Please raise your hand to be given the floor



Final remarks

- › Understanding documentation and start internal development
- › Bilateral meeting from August
- › Progress webinar in late Autumn
- › Welcome feedback to improve MfR
- › From late September Step 2 and QA documentation available





European
Environment
Agency



Thank you