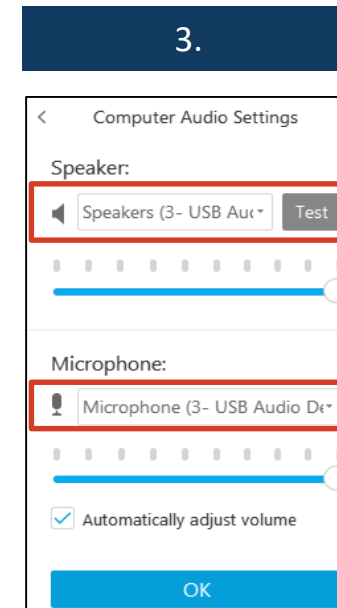
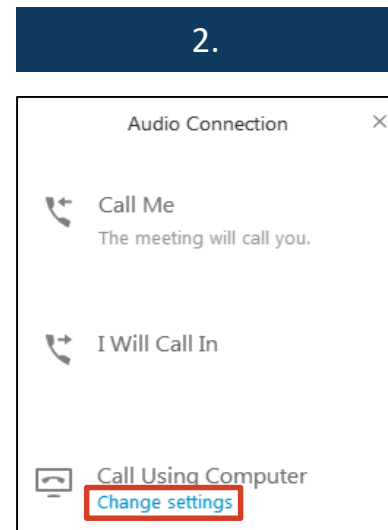


# Welcome!

For audio connection use the 'Call using computer' option and connect audio device/headset.



Ensure correct devices are selected for speaker & microphone



# EU Industrial Reporting: Webinar on E-PRTR and LCP integrated reporting

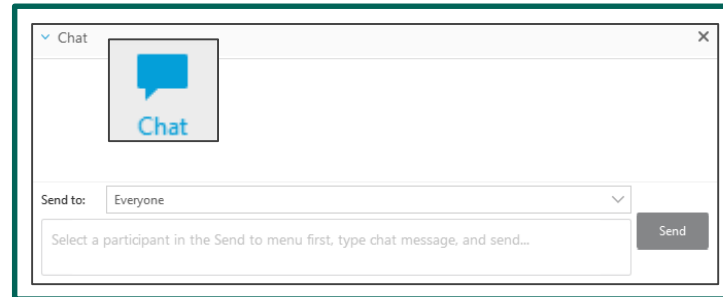


# Webinar Logistics

- Please keep all microphone muted during the main presentation.



- The main presentation will be recorded.
- The main presentation will be followed by a question and answer session.
- To raise a question please type in the messaging function either:
  - The question itself
  - Or request the floor to speak through the microphone, by typing ‘floor’



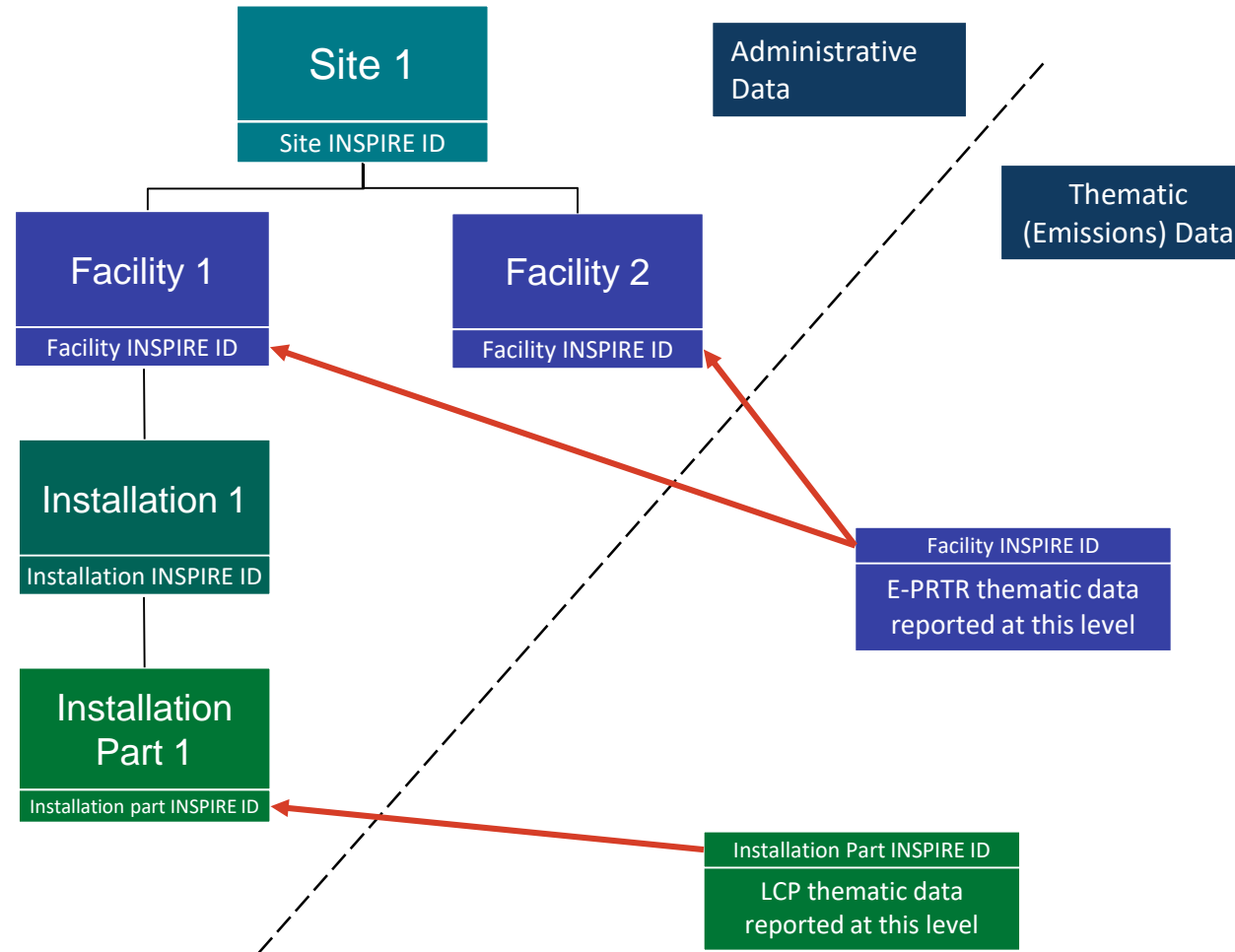


# Agenda

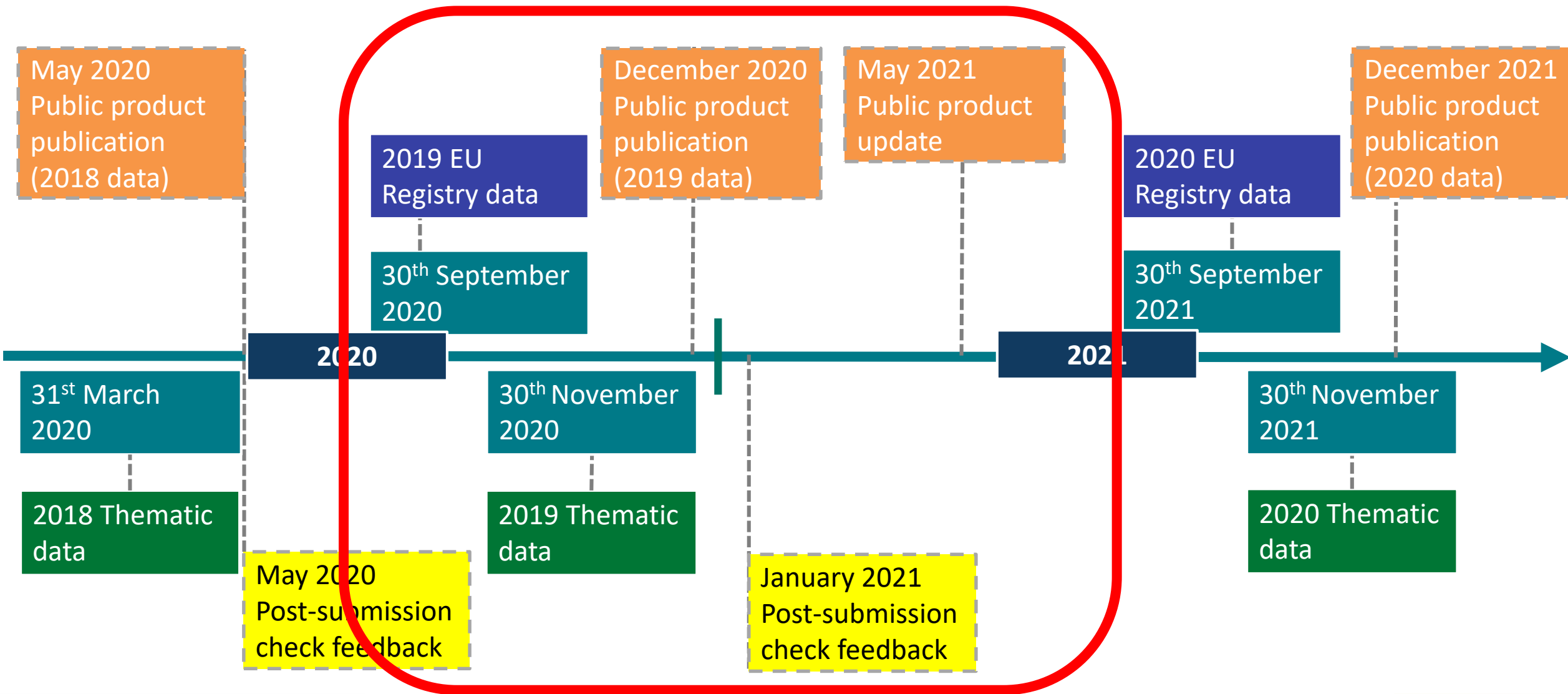
- Welcome and introduction (5 min; EEA)
- Scope and reporting deadlines for 2020 (5 min; EEA)
- Submissions and resubmissions (10 min; EEA)
- Overview of the reporting process (5 min; Aether)
- Automated QA/QC and post-submission checks (10 min; CHMI/Aether)
- Update mapping of historical data (5 min; EEA)
- Available tools and support (5 min; EEA)
- Questions and answers session (15 mins)



# Scope



# Reporting deadlines



# Submissions and resubmissions

- EU Reg submission status ([dashboard](#))
- Dashboard for thematic reporting under development
- Resubmissions for earlier years trigger resubmissions for later years
- Remember dependencies between thematic reporting and EU Registry



# Dashboard

## EU Registry on Industrial Sites

Overview of submission status

### Left-hand panel below:

This panel indicates whether a country has successfully submitted for the given year to the EU Registry on Industrial Sites. Note that a red 'R' indicates that the associated reporting year needs to be resubmitted due to a resubmission of an earlier reporting year. Please remember to resubmit these reporting years.

### Right-hand panel below:

This panel only shows the status of the latest submission and is meant to show reporters when it is possible to (re-)submit future years to the EU Registry on Industrial Sites.

"CDR Envelope Status" reflects the status of the latest envelope on CDR. Green indicates successful submission on CDR that has been technically accepted by EEA.

"Import + Look-up Status" reflects the status of the data harvest into the registry as well as of the creation of look-up tables for the given year. Green indicates that the registry now contains the submitted data and look-up tables have been generated = Future years can now be submitted.

You can refresh the dashboard at the very bottom of the page to fetch new data. New data should be available about every hour of the day.

### Any completed submission to date

Last Updated 2/11/2020 5:01:17 PM

| Country        | 2017                    | 2018                    |
|----------------|-------------------------|-------------------------|
|                | Import + Look-up Status | Import + Look-up Status |
| Austria        | ●                       | ●                       |
| Belgium        | ●                       | ●                       |
| Bulgaria       | ●                       | ●                       |
| Croatia        | ●                       | ●                       |
| Cyprus         | ●                       | ●                       |
| Czech Republic | ●                       | ●                       |
| Denmark        | ●                       | ●                       |
| Estonia        | ●                       | ●                       |
| Finland        | ●                       | ●                       |
| France         | ●                       | ●                       |
| Germany        | ●                       | ●                       |
| Greece         | ●                       | ●                       |
| Hungary        | ●                       | ●                       |
| Iceland        | ●                       | ●                       |
| Ireland        | ●                       | ●                       |
| Italy          | ●                       | ●                       |

### Status of latest submission

Last Updated 2/11/2020 5:01:17 PM

| Country        | 2017                |                         | 2018                |                         | 2019                |
|----------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|
|                | CDR Envelope Status | Import + Look-up Status | CDR Envelope Status | Import + Look-up Status | CDR Envelope Status |
| Austria        | ●                   | ●                       | ●                   | ●                       |                     |
| Belgium        | ●                   | ●                       | ●                   | ●                       |                     |
| Bulgaria       | ●                   | ●                       | ●                   | ●                       | ●                   |
| Croatia        | ●                   | ●                       | ●                   | ●                       |                     |
| Cyprus         | ●                   | ●                       | ●                   | ●                       |                     |
| Czech Republic | ●                   | ●                       | ●                   | ●                       |                     |
| Denmark        | ●                   | ●                       | ●                   | ●                       |                     |
| Estonia        | ●                   | ●                       | ●                   | ●                       |                     |
| Finland        | ●                   | ●                       | ●                   | ●                       |                     |
| France         | ●                   | ●                       | ●                   | ●                       |                     |
| Germany        | ●                   | ●                       | ●                   | ●                       |                     |
| Greece         | ●                   | ●                       | ●                   | ●                       |                     |
| Hungary        | ●                   | ●                       | ●                   | ●                       |                     |
| Iceland        | ●                   | ●                       | ●                   | ●                       | ●                   |
| Ireland        | ●                   | ●                       | ●                   | ●                       |                     |
| Italy          | ●                   | ●                       | ●                   | ●                       |                     |

#### CDR and Import Status

- ENVELOPE-Draft
- ENVELOPE-End
- ENVELOPE-FinalFeedback
- FILE-VERIFIED

#### Changes within the last...

1d 1w 1m 3m 1y 5y





# EU Registry Access Template

All Access Objects

Search...

Tables

- DesulphurisationInformationType
- EmissionsToAir
- EnergyInput
- OffSitePollutantTransfer
- OffSitePollutantTransferMethodClassification
- OffSiteWasteTransfer
- OffSiteWasteTransferMethodClassification
- PollutantRelease
- PollutantReleaseMethodClassification
- ProductionFacilityReport
- ProductionInstallationPartReport
- ProductionSite\_excel
- ProductionVolumeType
- ReportData
- VersionControl

- Important not to make structural changes to the template
- Hidden table: Navigation Options > Show Hidden Options > VersionControl

| TemplateVersion | Click to Add |
|-----------------|--------------|
| 1               |              |
| *               |              |



# MethodClassification

| OffSitePollutantTransferId | ProductionFacility_localId | pollutant | totalPollutantQuantityKg | methodCode | methodClassification | furtherDetails | confidentialityReason | Click to Add |
|----------------------------|----------------------------|-----------|--------------------------|------------|----------------------|----------------|-----------------------|--------------|
| *                          | (New)                      |           |                          |            |                      |                |                       |              |

| OffSitePollutantTransferMethodClassificationId | OffSitePollutantTransferId | methodClassification | furtherDetails | Click to Add |
|--|----------------------------|----------------------|----------------|--------------|
| *  | (New)                      |                      |                |              |

- Additional methodClassification tables for pollutant releases, pollutant and waste transfers
- These can be used if reporters wish to report more than one methodClassification per release/transfer



# fuelInput Reporting

| EnergyInputId | ProductionInstallationPart_localId | fuelInput   | otherSolidFuel  | otherGaseousFuel  | furtherDetails     | energyInputTJ |
|---------------|------------------------------------|---|---|---|--------------------|---------------|
| 1             | 000000001.PART                     | <a href="http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/Coal">http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/Coal</a>                       |   |   |                    | 1200          |
| 2             | 000000001.PART                     | <a href="http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/Biomass">http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/Biomass</a>                 |   |   |                    | 0             |
| 3             | 000000001.PART                     | <a href="http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/Lignite">http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/Lignite</a>                 |   |   |                    | 0             |
| 4             | 000000001.PART                     | <a href="http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/LiquidFuels">http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/LiquidFuels</a>         |   |   |                    | 0             |
| 5             | 000000001.PART                     | <a href="http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/NaturalGas">http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/NaturalGas</a>           |   |   |                    | 0             |
| 6             | 000000001.PART                     | <a href="http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/OtherGases">http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/OtherGases</a>           |   | <a href="http://dd.eionet.europa.eu/">http://dd.eionet.europa.eu/</a> |                    | 8             |
| 7             | 000000001.PART                     | <a href="http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/OtherSolidFuels">http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/OtherSolidFuels</a> | <a href="http://dd.eionet.europa.eu/">http://dd.eionet.europa.eu/</a> |   |                    | 150           |
| 8             | 000000001.PART                     | <a href="http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/OtherSolidFuels">http://dd.eionet.europa.eu/vocabulary/EPTRandLCP/FuelInputValue/OtherSolidFuels</a> | <a href="http://dd.eionet.europa.eu/">http://dd.eionet.europa.eu/</a> |   | Non-specified fuel | 300           |

- Each main fuel type must be reported once
- More detail should be reported for OtherSolidFuels and OtherGases using the otherSolidFuel and otherGaseousFuel attributes
- See reporting completeness checks in QA/QC Logic for more details



# Conversion Process

- Currently hosted at:

[https://cdrtest.eionet.europa.eu/help/eptr lcp/FME\\_processes/eptr lcp/Access2XML.htm](https://cdrtest.eionet.europa.eu/help/eptr lcp/FME_processes/eptr lcp/Access2XML.htm)

### Conversion tool

The following tool converts a populated Access file to XML format. The output XML file has to then be uploaded to the relevant CDR envelope.

**Form for the conversion:**

No file chosen        No file chosen

File list:

E-mail address:

**Instructions:**

- 1) Choose a file (*the button displays different messages depending on the browser e.g. "Choose File" or "Browse..."*)
- 2) Select the MS Access file that you want to convert
- 3) Click "Upload File" to upload the file (*this action may take several minutes depending on the file size*)
- 4) Provide a valid e-mail address and click "Execute"
- 5) When the conversion is ready, the system will send you an e-mail, with the link to the converted file
- 6) Click in the link and download the file
- 7) Add the XML file to the relevant envelope in CDR.



# Conversion Process

## Successful Conversion

> This PC > Downloads > FME\_6C4E1B09\_1572860736335\_8840

| Name       | Type        |
|------------|-------------|
| TEXTLINE_1 | File folder |

eprtr\_lcp\_transformer XML File

## Errors

> This PC > Downloads > FME\_6C4E1B09\_1572882347860\_6808

| Name         | Type          | Compressed size |
|--------------|---------------|-----------------|
| error_output | Text Document | 1 KB            |

error\_output - Notepad

File Edit Format View Help

Template version (2) is different than the one expected (1).





# Uploading an XML Submission

## CDR playground website

and

Overview Task list Edit properties List of reporters

### Ireland

#### Envelopes and subcollections

- [EEA\\_requests](#)
- [EWX\\_testing](#)
- [European Union \(EU\)\\_obligations](#)
- [United Nations \(UN\)](#)
- [cornel](#)

Cut Copy Delete

Overview Task list Edit properties List of reporters

### E-PRTR and LCP integrated data reporting

New referral

Obligation(s) [E-PRTR and LCP integrated data reporting \(as from 2020 delivery cycle\)](#)

New envelope

#### Envelopes and subcollections

- [ETC testing 2018 Reporting.year](#)
- [Aether Testing 2019](#)
- [Aether Testing 2019](#)

18 Oct 2019  
17 Jul 2015  
04 Nov 2019  
27 Mar 2017  
14 Oct 2019  
03 May 2018  
22 Jan 2016

Overview Task list Edit properties List of reporters

### European Union (EU), obligations

New referral

#### Envelopes and subcollections

- [Bathing Water Directive 2006/7/EC](#)
- [Competent bodies \(DF 2\)](#)
- [E-PRTR and LCP integrated data reporting](#)
- [E-PRTR data reporting \(Art. 7\)](#)
- [EU Registry on Industrial Sites](#)
- [Environmental Quality Standards Directive - Preliminary programmes of measures and supplementary monitoring](#)
- [Floods Directive Flood Risk Management Plans](#)

18 Oct 2019  
17 Jul 2015  
04 Nov 2019  
27 Mar 2017  
14 Oct 2019  
03 May 2018  
22 Jan 2016



# Setting up the Envelope

Fill out the fields in this report profile and click *Add*. This will create an *envelope* into which you make the delivery.

**Title**

**Description**

**Relating to which year**   to

Please enter the year covered by the dataset you are reporting

**Coverage**

**Coverage note**

**ETC testing 2018 Reporting year**

**Description**

**Obligations** [E-PRTR and LCP integrated data reporting \(as from 2020 delivery cycle\)](#)

**Period** 2018 - Not applicable

**Coverage** Ireland

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

**Note**

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

Files in this envelope

**Remember to release the envelope when you have uploaded all files**

Feedback for this envelope

No feedback posted in this envelope



# The Envelope

Overview **Draft delivery** Edit properties History

## Draft delivery


1) Your first step is to [upload](#) one or more files into this envelope. You can always interrupt your work and continue your contribution at a later time without losing data. In this data flow, each envelope can only contain **exactly one** XML data file.

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

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

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

Files in this envelope

|                          |   |   |        |             |         |                           |                           |
|--------------------------|---|---|--------|-------------|---------|---------------------------|---------------------------|
| <input type="checkbox"/> |  | <a href="#">eprtr_lcp_transformer.xml</a> | Test_1 | 04 Nov 2019 | 36.5 KB | <a href="#">Run QA #1</a> | <a href="#">Run QA #2</a> |
|--------------------------|---|---|--------|-------------|---------|---------------------------|---------------------------|

Rename Cut Copy Delete

Feedback for this envelope

No feedback posted in this envelope

Add file  
Upload zipfile  
Run automatic QA  
Deactivate task



# QA QC Checks

- Three types of errors:
  - **Blocking** - will prevent the envelope being released
  - **Warning**
  - **Information**

|  |  |  |                              |
|--|--|--|------------------------------|
| <b>5</b>   | <b>Duplicate identification checks</b>               | 1 Subchecks issued Errors, 3 Subchecks issued Warnings | <a href="#">Hide records</a> |
| <b>5.1</b>   | <b>Identification of fuelInput duplicates</b>        | 1 Errors, 0 Warnings                                   | <a href="#">Show records</a> |
| <b>5.2</b>   | <b>Identification of otherSolidFuel duplicates</b>   | 0 Errors, 1 Warnings                                   | <a href="#">Show records</a> |
| <b>5.3</b>   | <b>Identification of otherGaseousFuel duplicates</b> | 0 Errors, 1 Warnings                                   | <a href="#">Hide records</a> |
| <b>Details</b>   |  |  |                              |
| Fuel has been duplicated within the EnergyInput feature type |  |  |                              |
| <b>5.4</b>   | <b>Identification of EmissionsToAir duplicates</b>   | 0 Errors, 0 Warnings                                   |                              |
|  | <b>Local ID</b>                                      | <b>Fuel input</b>                                      | <b>Fuel</b>                  |
|  | 000000003.PART                                       | OtherGases   | CokeOvenGas                  |



# Checks that will produce blocking errors – part 1

- C1.1-1.16: Checks that the correct codelists have been used
- C2.1-2.4: Checks that all inspireIDs reported are unique to a facility or installation part and have also been reported under the EU Registry
- C3.1 and 3.2: Checks that all three pollutants and all eight fuel types under LCP reporting have been reported for each LCP
- C4.1: Checks that the envelope year matches the reportingYear in the XML file





# Checks that will produce blocking errors – part 2

- C5.1: Checks to ensure each fueltype is only reported once for each LCP
- C5.4-5.6: Checks to ensure that each pollutant has only been reported once for emissions from LCPs and releases and transfers from EPRTTR facilities
- C16.3: Ensures that totalPollutantQuantityTNE is not left unpopulated for any emissions reported
- C16.4: Ensures that totalQuantityTNE and totalPollutantQuantityKg is not left unpopulated for any waste transfers, pollutant transfers and pollutant releases reported for an E-PRTR facility.
- C16.6: Ensures that energyInput is not left unpopulated for any fuelInput reported for an installationpart



# Checks turned off for 2018 reporting

- 8.2 – Article 31 derogation justification.
- 12.1 – Identification of ProductionFacility release/transfer outliers against previous year data at the national level.
- 12.3 – Identification of ProductionFacility release/transfer outliers against previous year data at the ProductionFacility level.
- 12.4 – Identification of ProductionInstallationPart emission outliers against previous year data at the ProductionInstallationPart level.
- 12.5 – Time series consistency for ProductionFacility emissions.
- 12.6 – Time series consistency for ProductionInstallationPart emissions.
- 14.1 – Identification of top 10 ProductionFacility releases/transfers across Europe.



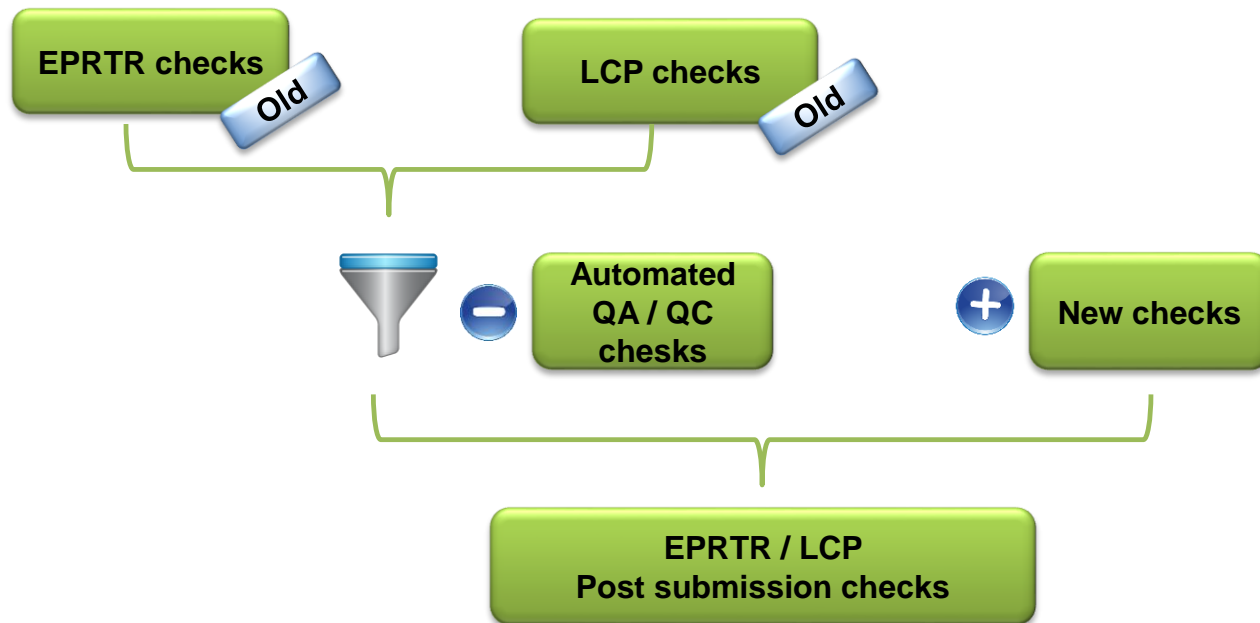
# EPRT/LCP Post-Submission Review

- Objective:
  - Identify if data has been reported correctly
  - To go beyond the automated QA/QC checks already within the CDR
- The review process:
  - Performed on successfully reported data
  - A manual or semi-automated review process



# Manual of Procedure – Online end of April

- Methodology:



E-PRTR and LCP Post-Submission Checks – Manual of Procedure

## E-PRTR and LCP – Post-Submission Review

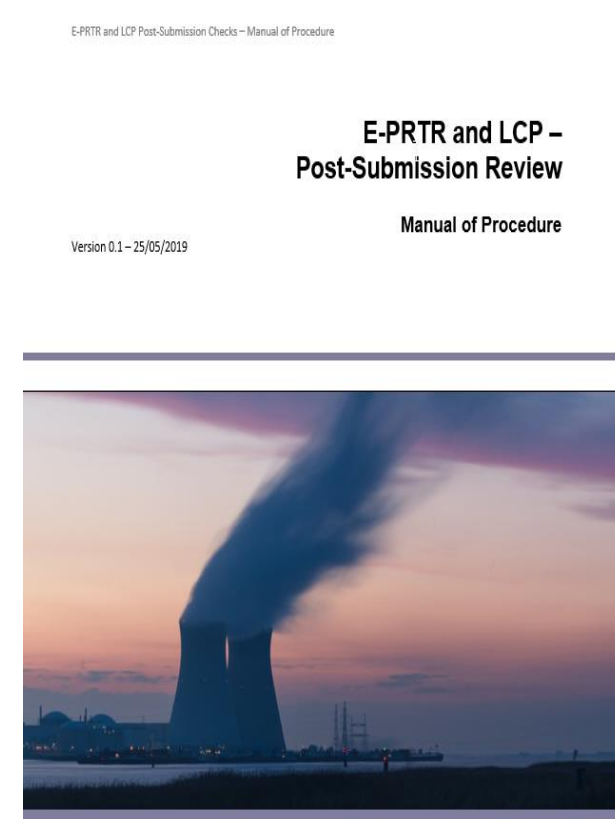
Manual of Procedure

Version 0.1 – 25/05/2019



# Manual of Procedure – Online end of April

- Structure of the manual
  - Temporal checks
    - Checks that investigate data across several reporting years
  - Activity-related checks
    - Checks that analyse data consistency with regard to the activity





# Temporal checks

- Top Production Facility releases/transfers at national level
- Time series consistency at the facility level (water)
- Comparison against production volume
- Confidentiality reason for several years



# Activity-related checks

- Comparison against EU-ETS (CO<sub>2</sub>)
- Cross pollutant checks (water)
- Comparison of water to wastewater releases
- Missing pollutants from UWWTP per year
- UWWTP release outliers per year



# The Findings Log – Results to countries

- One log per country
- Data for the finding and the related check
- Member state response to the finding
- EEA response/follow-up

Open

Response to  
be reviewed

Closed

## Post-submission review

European Environment Agency



## Findings Log

Findings for

the United Kingdom (GBR)



# Mapping of historical data

- E-PRTR
  - Mapping for most countries received and processed
  - Feedback provided shortly
  - Please address issues
- LCP
  - Mapping requested



# Available support

- [CDR help site](#)
- Testing of draft submissions
  - CDRtest:
    - Not confidential
    - Look-up tables created from CDR submissions
  - CDR
- Inquiries to [industry.helpdesk@eea.europa.eu](mailto:industry.helpdesk@eea.europa.eu)



# Thanks everyone!



**Bastian Zeiger**

Expert – Industry and Environment

European Environment Agency  
European Topic Centre on Air pollution,  
transport, noise and industrial pollution



**Lucy Garland - Aether**

**Jachym Brzezina - CHMI**

[industry.helpdesk@eea.europa.eu](mailto:industry.helpdesk@eea.europa.eu)

