

EU Registry 2018 Launch -Webinar

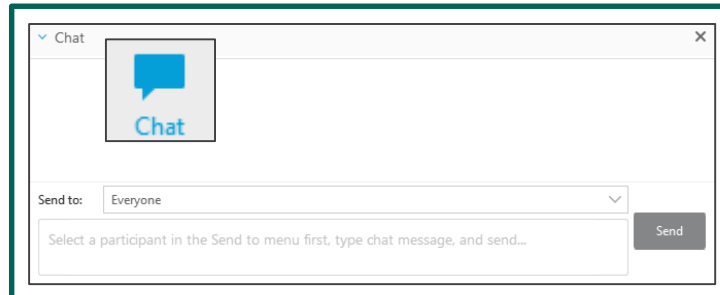


Webinar Logistics

- 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



Main Presentation Content

- Overview of timeline and project website

Part 1: Introduction

- 2017 overall update
- Lesson learnt
- Post submission review process

Part 2: 2017 reporting overview

- New fields for 2018
- EC BATAEL tool
- New QAQC checks for 2018

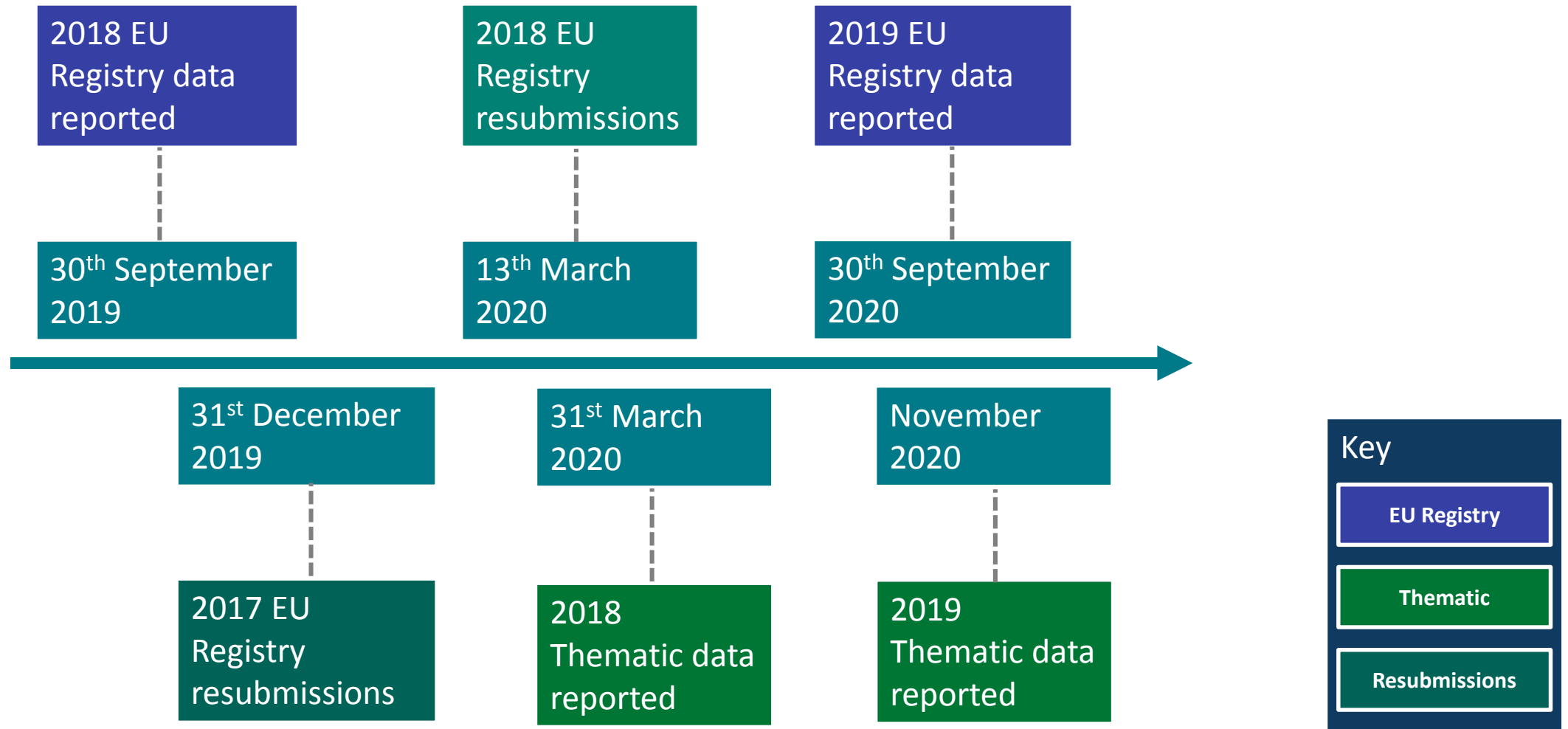
Part 3: Post submission checks

- Next Steps – Resubmissions
- Public products
- Update on mapping process
- Questions

Part 4: Next Steps and Questions



Reporting Timeline



Project website

- Reporting dataflow available on the CDR platform: <https://cdr.eionet.europa.eu/>
- New help site for the EU Registry: <https://cdr.eionet.europa.eu/help/euregistry>

EU Registry on Industrial Sites

This page provides information which supports the EU Registry on Industrial Sites dataflow. This includes relevant guidance documents and tools as well as copies of relevant notifications. It will be maintained as necessary with all of the latest documents, templates, etc.

User Manuals

- EU Registry Data Model Manual: [available for download here](#)
- EU Registry Quality Assurance Logic Manual: [available for download here](#)
- EU Registry Manual for Reporters: [available for download here](#). This revision includes a few small changes, including in particular:

- Data Model Manual
- QA QC Logic Manual
- Manual for Reporters

Templates and Tools

As outlined in the data model documentation, there are two options for generating an EU Registry compliant XML file for submission. Reporting countries can generate the file locally themselves or they can use a Microsoft Access Template which is provided by the EEA. This populated template can then be converted into a compliant XML file using the converter tool provided by the EEA.

- Microsoft Access blank template: The blank Microsoft Access EU Registry Template is [available to download here](#).
- Example populated Access template: An example populated Microsoft Access EU Registry Template is [available to download here](#).
- Manual for the Access template: The manual for users of the Access template is [available to download here](#). This manual provides guidance to users of the template on how the template should be populated.
- Web page for Access to XML conversion service: The webpage for converting populated MS Access templates is [available here](#). This conversion service allows user to convert the populated Access template into an XML file for submission to the EU Registry.

- Blank Access Template
- Example Populated Access Template
- Manual for the Access Template

- Link to Access to GML conversion site



2017 Submission

- 20 countries so far have submitted 2017 data to the EU Registry
- Common questions/issues arising in 2017 reporting:
 - Inspire IDs
 - Do not need to be the 9 digit format supplied in the MfR
 - Can use old E-PRTR ID if compliant with the inspire principles
 - dateOfGranting (permitDetails)
 - This is the date on which a permit was first granted in line with the requirements of the IED and so can be before 2010. The manual for reporters was updated to reflect this.



2017 Submission Common Issues pt. 2

- Data not all being in the same national database
- Difficulty obtaining new data fields
- Verifying the entity status
- Added complications of dealing with regional and local authorities
- Verifying the relationships between facilities, installations and installation parts
- Difficulty sourcing IED data as not regularly reported before
- Mandatory/non-mandatory field confusion – controlled by multiplicity **and** QA checks



EU-Registry Post-Submission Review

- Status per September:
 - A framework for checking data has been established
 - The review is ongoing, will be finalized for most countries by **September 6th**
- The checks performed are:
 - Transitional checks (2017 data, except a few checks for 2018-data)
 - Specific checks (all data)
 - Temporal checks (from 2019 data and onwards)
- Results are communicated directly to each country through a findings log
- The countries respond and send the findings log back to EEA/ETC and re-submit (when needed) within 3 months



The excel sheet findings log 'Info' tab

Findings-log for the EU-Registry post-submission checks

Reporting country:

Reporting date:

2019-06-26

CDR envelope (URL):

https://cdr.eionet.europa.eu/some_xml.xml

Reporting year:

2017

Notes:

Respondee(s):

Please fill in information

Respondee email(s):

Please fill in information

Instructions for completion of findings log:

Reporting countries are expected to review the reported findings and investigate the issue to assess whether information needs to be amended. The findings of the investigation should be summarised in the fields 'Response by country' and 'Comment by country' in the log. Countries should indicate whether or not a finding is of relevance and how it will be addressed or if it needs more detailed investigation. EEA will register and keep track of these country responses, aiming to avoid repetitive feedback to the country on the same but earlier clarified findings year after year. In the 'response by country' field the reporters should select one of the options from the dropdown list and provide further evidence/details in the 'comment by country' field.

The rationale and procedure for the checks is described in the EU-Registry manual for post-submission checks

Please do respond to the findings in the 'Transitional findings' sheet

Please do respond to the findings in the 'Specific findings' sheet

Manual for post-submission checks:

http://cdr.eionet.europa.eu/help/euregistry/Documents/EU_Registry_Post_Submission_Manual_for_Procedure_V1.4.pdf

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



European Environment Agency
European Topic Centre on Air pollution,
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'The findings log explained' tab

Explanation of columns in the 'Findings Log' and its intended use by countries

Explanation of columns in the 'Findings Log' and its intended use by countries	
Finding details	<i>Fields describing the finding</i>
Finding_ID	An id identifying the finding for the specific entity and reporting year
CDR_envelope (URL)	The URL of the CDR Envelope as place holder of the (re)submitted data file on CDR for the E-PRTR and IED obligations on the legal basis of CID 2018/1135/EU
Check_ID	An identifier for each check for reference in the Manual of procedure
Check Name	Short title of each check.
Country	Country name
localId	Where relevant, the EU-registry local Id (the Inspire Id) is given
Top polluter	A boolean indicating if the facility or LCP is defined to be among the top polluters
Finding	A text describing the finding.
Additional comment	If necessary an additional comment by the ETC/EEA expert reviewer will be given
Reference data label	The label of the reference data used for comparison is described (transitional checks only)
Reference data	The reference data used for comparison is given (transitional checks only)
EU-Registry data label	The label of the EU-Registry data used for comparison (in transitional checks only)
EU-Registry data	The EU-Registry data used for comparison (in transitional checks only)
Country response	<i>Fields to be filled out by the country indicating what and how</i>
Response by country	There are three drop down responses to choose from Data confirmed to be correct Data needs correction Further investigations needed by country
Comment by country	A free formatted text field for any type of written response
General info	<i>Description of how the mapping between E-PRTR /LCP-register and EU-Register has been performed for the data of the reporting country</i>
About E-PRTR transitional checks	For comparison between Facilities reported under the E-PRTR and ProductionFacilities reported in the EU-Registry the ThematicID in the EU-Registry has been assumed to be the E-PRTR NationalID
About LCP transitional checks	For comparison between plants reported under the LCP-register and ProductionInstallationParts reported in the EU-Registry the ThematicID of the related ProductionFacility in the EU-Registry has been assumed to be the LCP NationalID. This is however not a one-to-one match since several plants in the LCP-register can share the same NationalID and several ProductionInstallationParts can belong to the same ProductionFacility in the EU-Register. Hence, the mapping is supported by a manual mapping. This mapping is not capturing all the entities in the LCP-register
Number of LCP top polluters	0
Number of E-PRTR top polluters	6

Three response 'drop-down' alternatives:

- Data confirmed to be correct
- Data needs correction
- Further investigations needed by country

Free text for any additional comments



On the transitional checks

- If the E-PRTR NationalID is given as either localId or thematicId in the EU-Registry, an automatic one-to-one match and comparison is attempted for all E-PRTR facilities. This enables also an extended comparison for the LCPs.
- If not, a manual comparison is performed for the top polluters only
- The method used and the number of top E-PRTR and LCP polluters is given in the 'findings log explained' tab



The 'Transitional findings' tab.

Finding_ID	Check_ID	Check Name	localId	Top polluter	Finding	Reference data label	Reference data	EU-Registry data label	EU-Registry data	Response by country	Comment by country	EEA response/follow-up
C1.2d_EPRTR_13620	C1.2d_EPRTR	Polluters transition coordinate comparison (E-PRTR)	EW_EA-3004.FACILITY	No	The geographical distance between the facility in E-PRTR and the ProductionFacility in the EU-Registry is larger than 1000m	lat,lon in EPRTR	51.9843, -0.749130	EU-Registry lat,lon	51.972962, -0.7303841			
C1.2d_EPRTR_13836	C1.2d_EPRTR	Polluters transition coordinate comparison (E-PRTR)	EW_EA-811.FACILITY	Yes	The geographical distance between the facility in E-PRTR and the ProductionFacility in the EU-Registry is larger than 1000m	lat,lon in EPRTR	54.5903, -1.16276	EU-Registry lat,lon	54.609227, -1.1083404			
C1.2d_EPRTR_31663	C1.2d_EPRTR	Polluters transition coordinate comparison (E-PRTR)	EW_EA-5467.FACILITY	No	The geographical distance between the facility in E-PRTR and the ProductionFacility in the EU-Registry is larger than 1000m	lat,lon in EPRTR	53.2864, -2.91288	EU-Registry lat,lon	53.276941, -2.864609			
C1.2d_EPRTR_295572	C1.2d_EPRTR	Polluters transition coordinate comparison (E-PRTR)	EW_EA-18849.FACILITY	No	The geographical distance between the facility in E-PRTR and the ProductionFacility in the EU-Registry is larger than 1000m	lat,lon in EPRTR	51.2913, -2.4818	EU-Registry lat,lon	51.211256, -2.486139			

- Finding_ID: When applicable the E-PRTR facility/LCP ID is part of the Finding_ID
- localId and top polluter indicator
- A general text explaining the finding
- Reference data and what the data is (label) along with corresponding EU-Registry data
- Response fields:
 - Response by country ('drop-down') should be filled out
 - Comment by country is optional
 - EEA response/follow-up action for EEA/ETC use



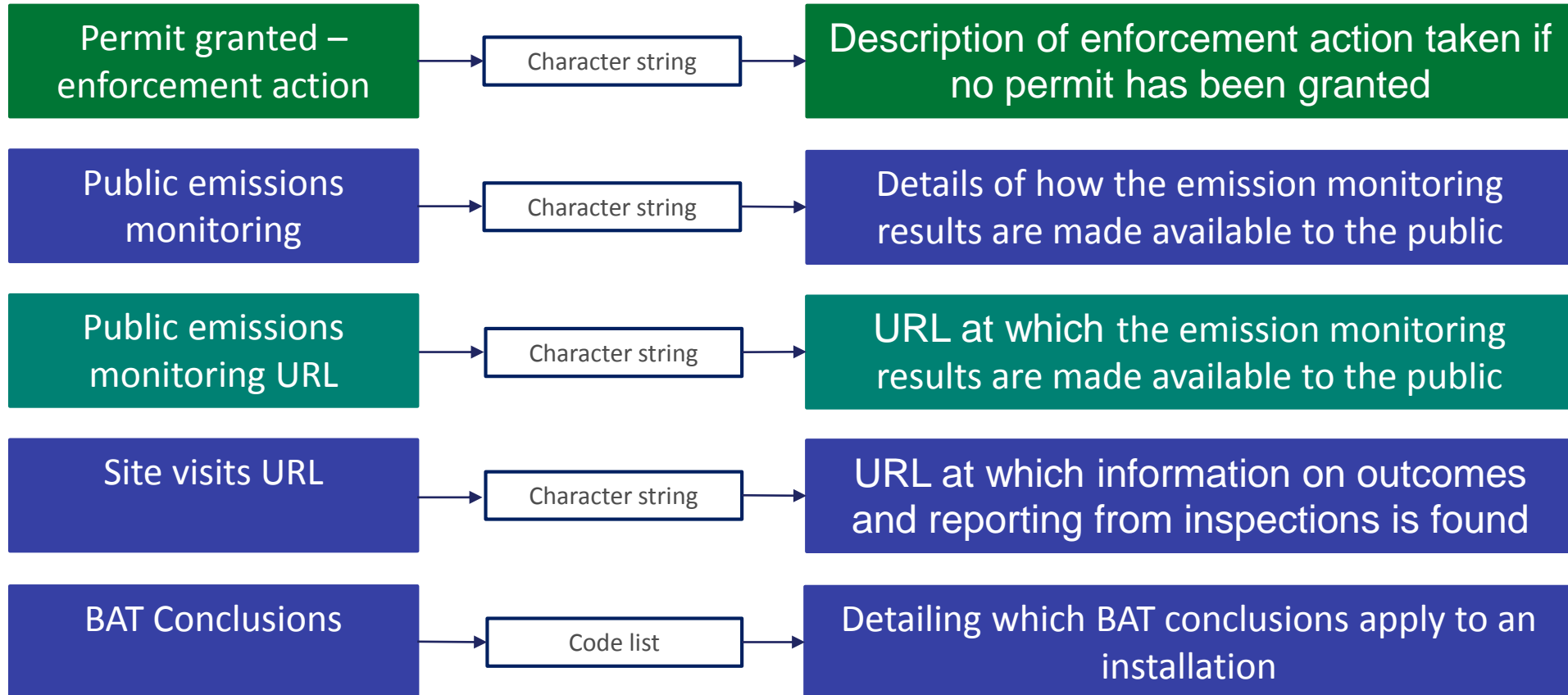
The 'Specific findings' tab.

Finding_ID	Check_ID	Check Name	localId	Finding	Additional comment	EU-Registry data label	EU-Registry data	Response by country	Comment by country	EEA response/follow-up action
C3.2_2017_9008391037743	C3.2	Coordinates distance analysis	9008391037743.INSTALLATION	The distance from the entity to the parent entity is larger than the defined thresholds		Distance to parent (m)	4432.416408			
C3.2_2017_9008391078159	C3.2	Coordinates distance analysis	9008391078159.INSTALLATION	The distance from the entity to the parent entity is larger than the defined thresholds		Distance to parent (m)	8236.901719			
C3.2_2017_9008391162728	C3.2	Coordinates distance analysis	9008391162728.INSTALLATION	The distance from the entity to the parent entity is larger than the defined thresholds		Distance to parent (m)	47968.17023			
C3.2_2017_9008391218869	C3.2	Coordinates distance analysis	9008391218869.INSTALLATION	The distance from the entity to the parent entity is larger than the defined thresholds		Distance to parent (m)	4438.58944			
C3.2_2017_9008391236054	C3.2	Coordinates distance analysis	9008391236054.INSTALLATION	The distance from the entity to the parent entity is larger than the defined thresholds		Distance to parent (m)	6980.139924			

- Similar fields to the transitional checks except for the 'Reference data' fields
- Finding_ID: When applicable, the localId is part of the Finding_ID
- Response fields



Production Installation: New Fields



Key

Mandatory

Mandatory in certain situations

Not mandatory



Production Installation: BAT Conclusions

Currently implemented BAT conclusions use relevant code list value:

- Common Waste Water and Waste Gas Treatment/Management systems in the Chemical Sector
- Intensive Rearing of Poultry and Pigs
- Iron and Steel Production
- Large Combustion Plants
- Manufacture of Glass
- Non-ferrous Metals Industries
- Production of Cement, Lime and Magnesium Oxide
- Production of Chlor-alkali
- Production of Large Volume Organic Chemicals
- Pulp, Paper and Board
- Refining of Mineral Oil and Gas
- Tanning of Hides and Skin
- Waste Treatment
- Wood-based Panels Production

BREFS under review – use codelist value 'BATNOTYETADOPTED':

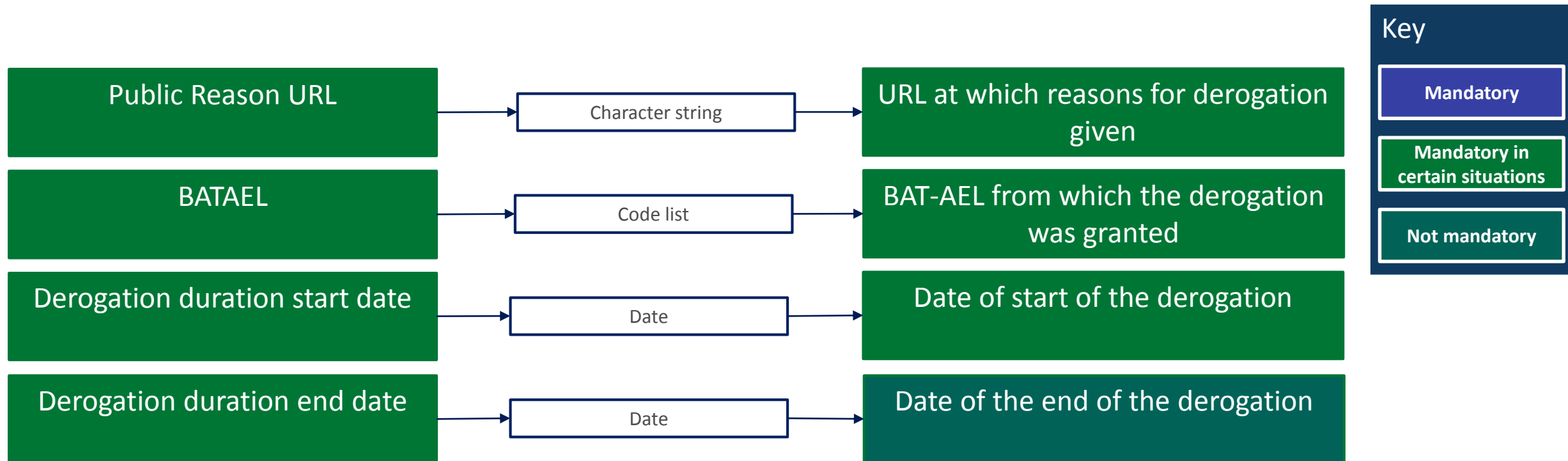
- Food Drink and Milk
- Waste Incineration
- Surface Treatment using Organic Solvents
- Ferrous Metals Processing
- Common Waste Gas Treatment in the Chemical Sector
- Textiles
- Slaughterhouses and Animal By-products
- Ceramic manufacturing industry
- Large Volume Inorganic Chemicals
- Surface Treatment of Metals and Plastics
- Emissions from Storage

If no BAT conclusions currently apply and there are no plans for any use
'NOBATAPPLICABLE'

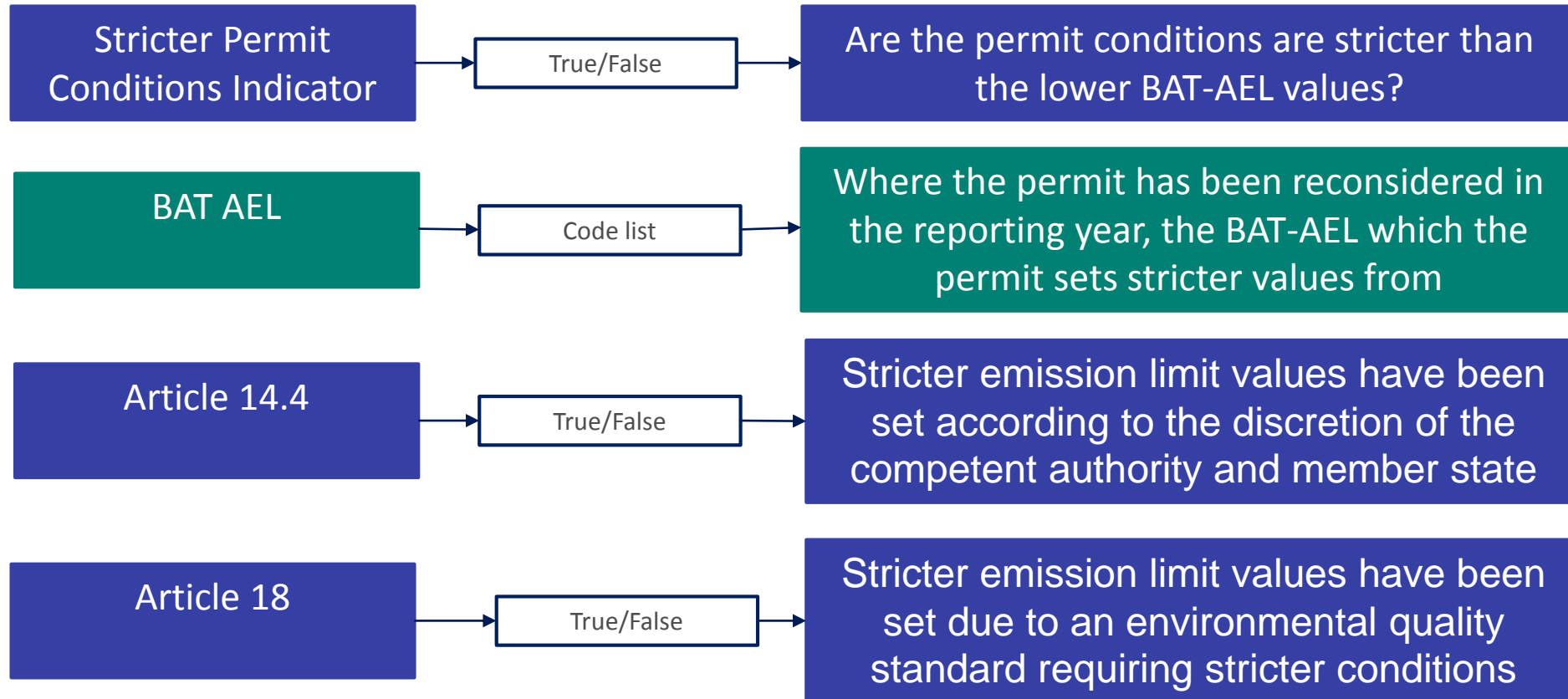


Production Installation: New Fields

- Reported using the BATDerogationIndicator (True/False)



Production Installation: New Fields



Key

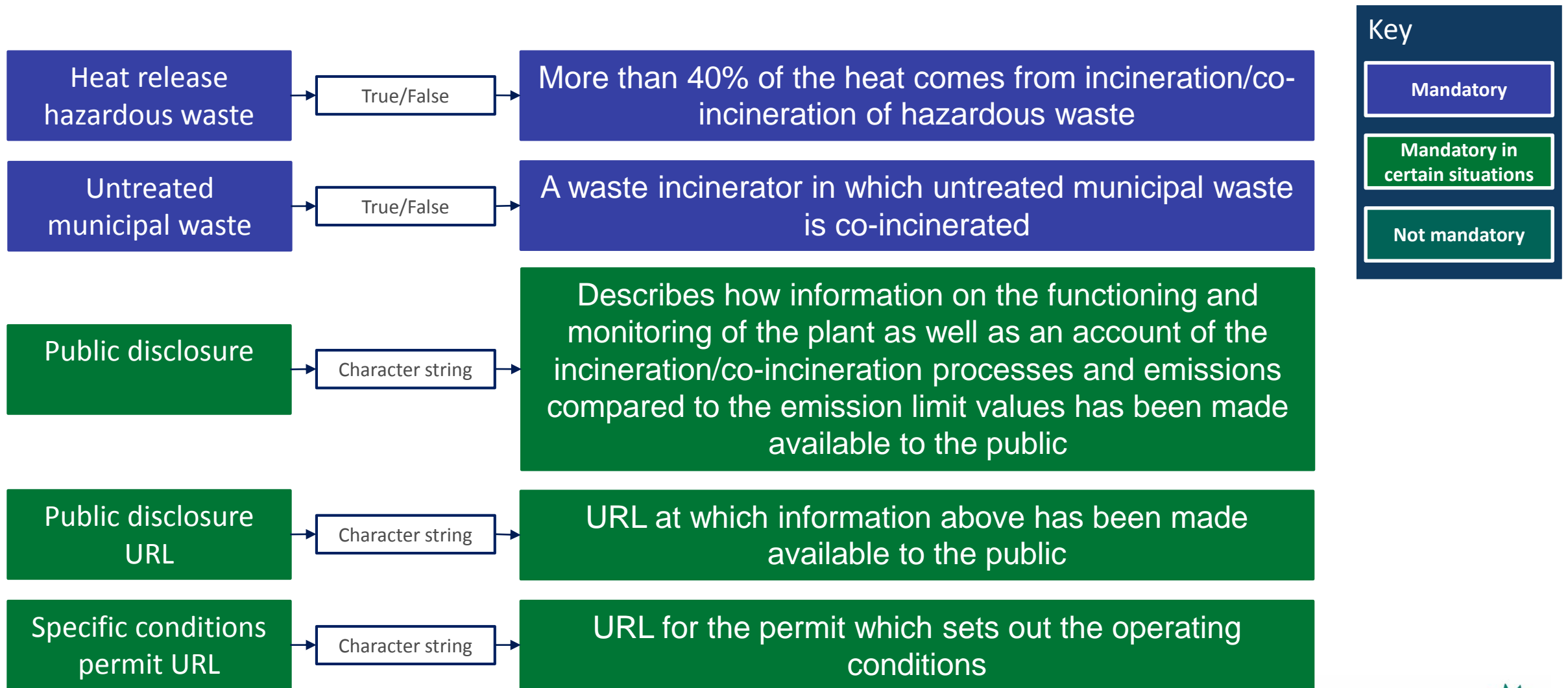
Mandatory

Mandatory in certain situations

Not mandatory



Production Installation Part: New Fields



Exporting the code lists

You are here: Eionet» Data Dictionary» Vocabulary

Help and documentation

Datasets

Tables

Data elements

Schemas

Vocabularies


Services


Namespaces

Vocabulary: *BATAELValue*


← Back to set

↗ Exports

 Get RDF output of this vocabulary

 Get CSV output of this vocabulary

 Get XML output in INSPIRE codelist format

 Get JSON-LD output of this vocabulary

Folder	euregistryonindustrialsites (EU Registry on Industrial Sites)
Identifier	BATAELValue
Label	BATAELValue
Base URI	http://dd.eionet.europa.eu/vocabulary/euregistryonindustrialsites/BATAELValue/
Registration status	Released 13 May 2019 14:34:16
Type	Common



BAT-AEL tool

<https://circabc.europa.eu/ui/group/06f33a94-9829-4eee-b187-21bb783a0fbf/library/ba15ecf4-6bac-4e84-a723-fb5f2b12f7b3>

Filter the Data : Assessment of Best Available Techniques (BAT).

BREF Code

- CAK
- CLM
- CWW
- GLS
- IRPP
- IS
- LCP
- LVOC
- NFM**
- PP
- REF
- TAN
- WBP
- WT

Environmental medium

- Air
- Water

Pollutant substances / parameters

- Arsenic
- BaP
- Cadmium
- Cd
- Chromium (VI)
- Chromium total
- Cl2
- Cobalt

Type/Point/Source of emission / Environmental threat

- Direct emissions to a receiving water body
- Emission levels for dust and BaP (as an indicator of PAH) emissions to air from impreg...
- Emission levels for dust and cadmium emissions to air from pyrometallurgical cadmiu...
- Emission levels for dust emissions to air from the melting, alloying and casting of zinc ...
- Emission levels for NH 3 emissions to air from a hydrometallurgical operation using a...
- Emission levels for NOX emissions to air from a hydrometallurgical operation involvin...
- Emission levels for zinc and sulphuric acid emissions to air from leaching, purification ...
- Emissions from the storage, handling and transport of raw materials


Optional : Export your filtered selection to a separate workbook

Total Records Found : 119

Select one or more values from the four selection boxes to filter the displayed data. Select the sheet "BAT Tool" to view the result of your filter or click the button, "Go to your Results". To export your Results to a separate sheet click the Export button, above. Use the "Unhide all columns" button, on the BAT-Tool sheet, to see more columns.

Clear All Four Filters User Guide

Go to your Results - Click Here





QA QC Checks: Checks operational from 2018

- A number of checks were not operational for 2017 reporting but will be operational for 2018 data onwards:
 - C3.1 – High proportion of new inspireIds
 - C4.5 – Identification of ProductionSite duplicates within the database
 - C4.6 – Identification of ProductionFacility duplicates within the database
 - C4.7 – Identification of ProductionInstallation duplicates within the database
 - C4.8 – Identification of ProductionInstallationPart duplicates within the database
 - C4.9 – ProductionSite and Facility Continuity
 - C4.10 – Missing ProductionFacilities, previous submissions
 - C4.11 – Missing ProductionInstallations, previous submissions
 - C4.12 – Missing ProductionInstallationsParts, previous submissions
 - C5.6 – Coordinate continuity
 - C6.2 – EPRTRAnnexIActivity continuity
 - C6.4 – IEDAnnexIActivity continuity
 - C7.5 – Decommissioned to functional plausibility
 - C9.3 – permitURL to dateOfGranting comparison
 - C10.6 – District heat plant derogation continuity
 - C10.7 – Transitional National Plan derogation continuity
 - C13.4 – nameOfFeature continuity



QA QC Checks: C13.10 – All Fields blank check

- New check
- Looks for blank or trivial entries (a space, comma, full stop etc.)
- Warning error

```
<EUReg:ParentCompanyDetails>  
  <EUReg:parentCompanyName>Dhekelia parent company</EUReg:parentCompanyName>  
  <EUReg:parentCompanyURL;/EUReg:parentCompanyURL>  
  <EUReg:confidentialityReason xlink:href=""/></EUReg:confidentialityReason>  
</EUReg:ParentCompanyDetails>
```



QA Sandbox

- QA sandbox environment product is still under development
- CDR Test still open for testing files

QA sandbox

Upload file

Please upload a XML/GML file to run QA scripts (you can provide either a file or an url in "URL of source file" field below.)

Upload XML/GML file

XML schema

--

Search XML from CR Find QA scripts

URL of source file

Extract schema and find QA scripts



Resubmissions

- Possible to resubmit data
- If 2017 data is resubmitted after the 2018 submission then the QA QC checks should be rerun on the 2018 submission to ensure the integrity of the database
- If needed the 2018 data should be resubmitted



Public Products

- Three products in development
 - Access product with both administrative and thematic data
 - Excel product with simplified EU Registry data
 - Excel product with simplified thematic data

Queries



E-PRTR Facilities



E-PRTR Facilities - Pollutant Releases



E-PRTR Facilities - Pollutant Transfers



E-PRTR Facilities - Waste Transfers



IED Installations



Large Combustion Plants



LCPs - Emissions to Air



LCPs - Energy Input



Waste Incinerators and Co-Waste Incinerators

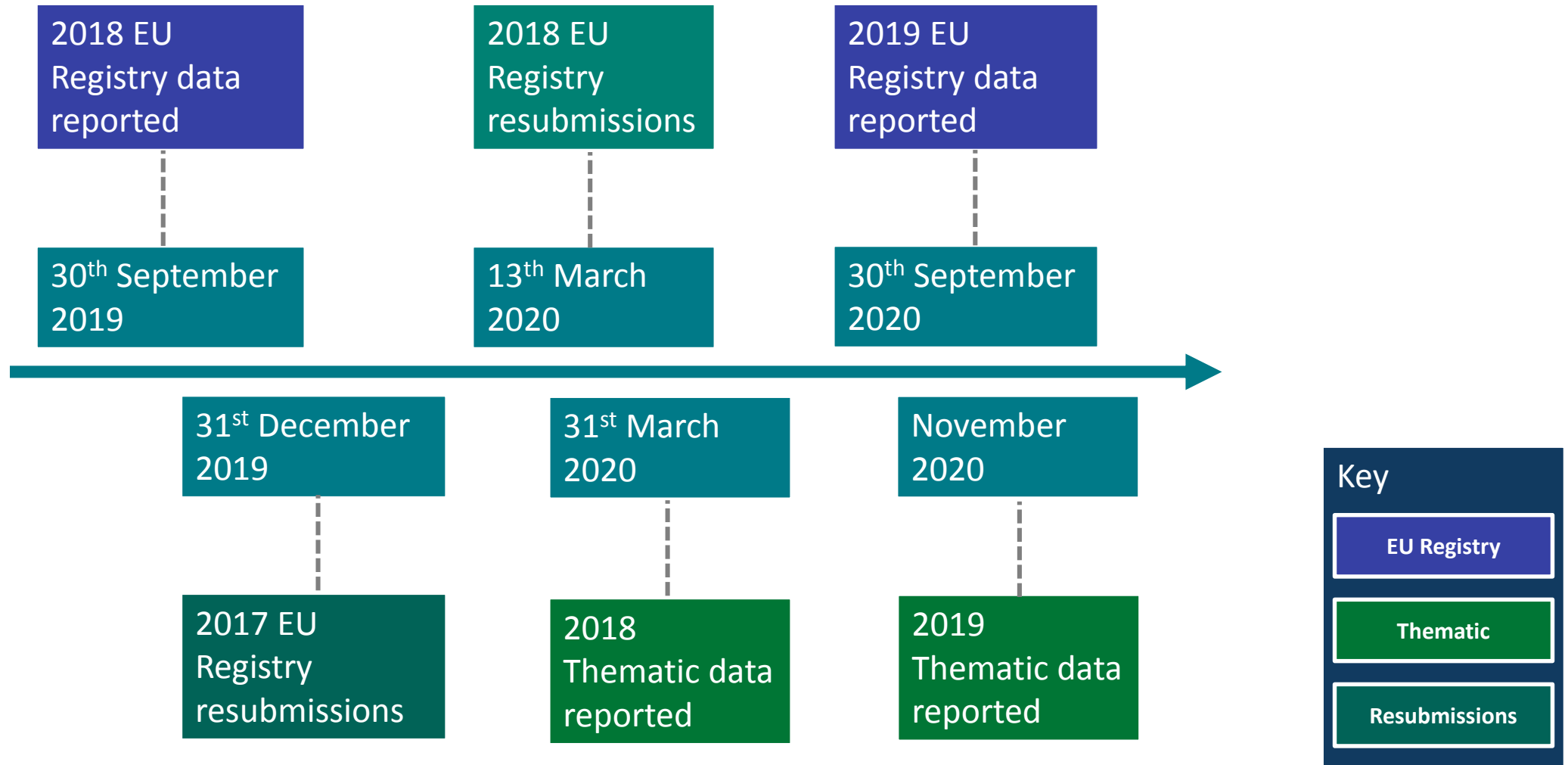


Mapping of historical data

- E-PRTR and LCP data needs to be mapped into new data models for time series consistency
- Need to define relationships between sites, facilities, installations and installation parts.
- Reporters will be requested to map NationalIDs to InspireIDs following the 2017 submission.
- The EEA/ETC may be able to draw on the first Registry submission to inform this process
- Where not already available, InspireIDs will also need to be generated for historical entities not in the 2017 EU Registry dataset by the EEA.



Reporting Timeline



Contact details



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Environment
Agency**

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Question & 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'

