

INDUSTRIAL REPORTING WEBINAR WITH MEMBER STATES

Federico Antognazza, Juan Calero (EEA)

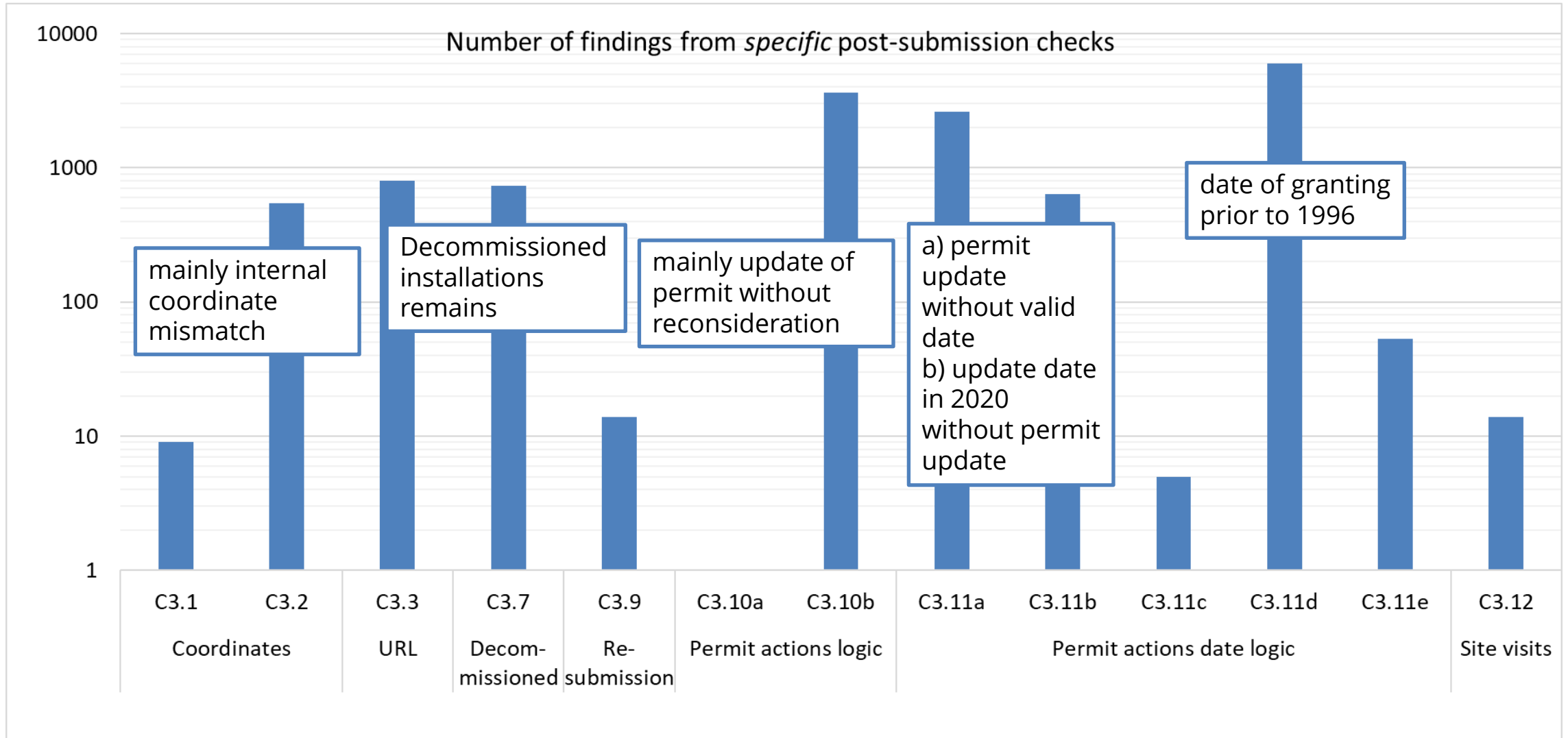
Lucy Garland, Courtney Szanto, Holly Zhang, Lotte Gleeson, Torleif Weydahl, Dam Vo Thanh,
Laure Malherbe, Christophe Lescot, Jachym Brzezina (ETC/HE)

Agenda

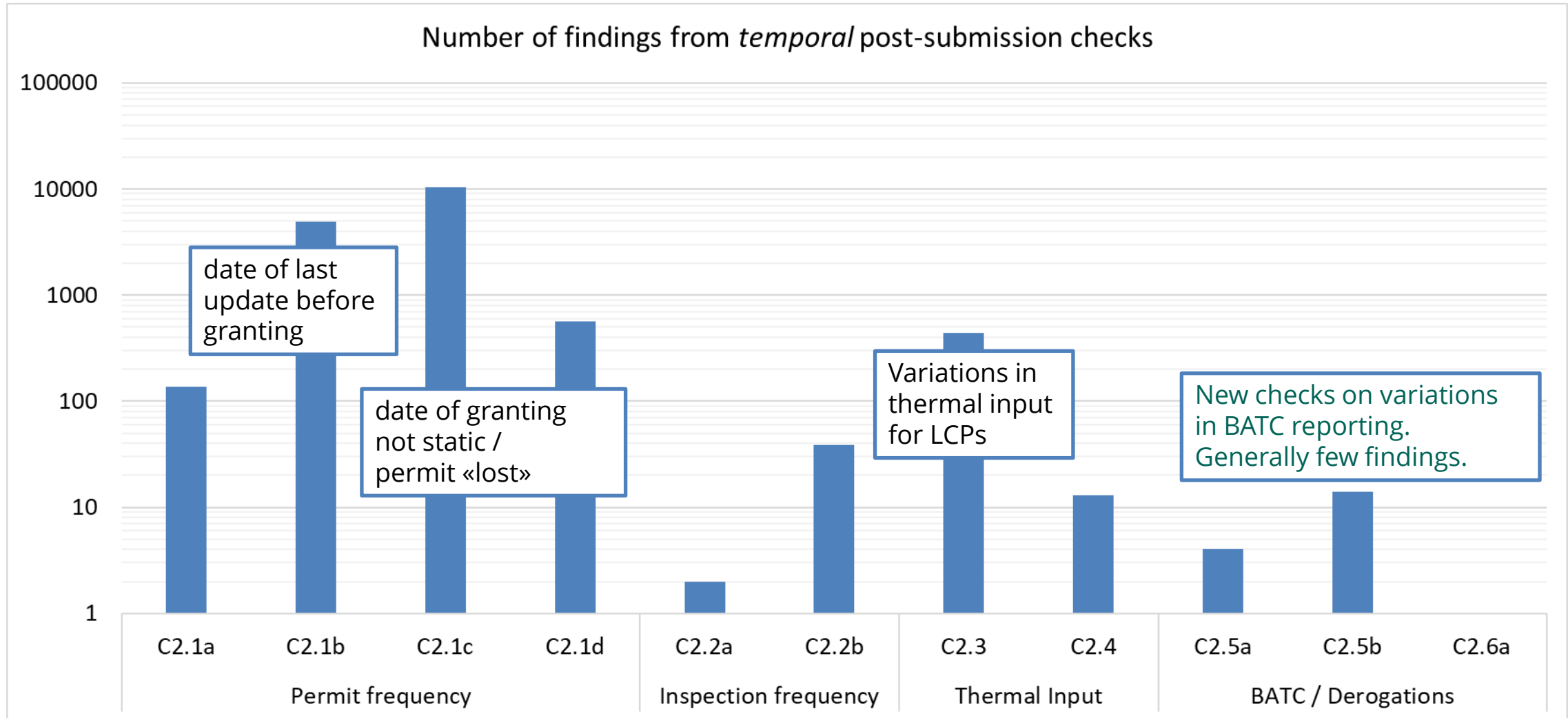
- EUReg: PostSubmission – Follow up
- E-PRTR/LCP: reporting of Production Volume
- EUReg: improving Data reporting
- E-PRTR/LCP: data quality

Reporting Year 2020 – postSubmission OVERVIEW

EU Registry - Results from post-submission checks 2020



EU Registry - Result from post-submission checks on 2017-2020-data



E-PRTR – Post Submission Checks

2019

Findings
430

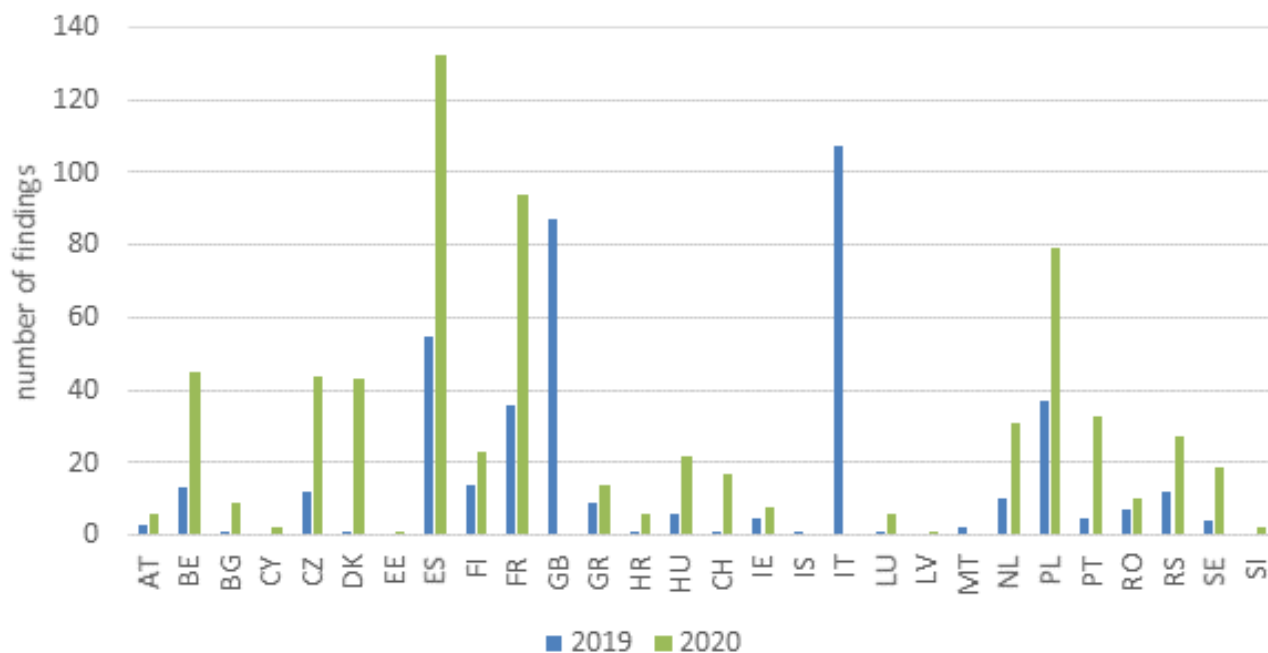
Countries
24

2020

Findings
674

Countries
24

E-PRTR – Post Submissions Checks

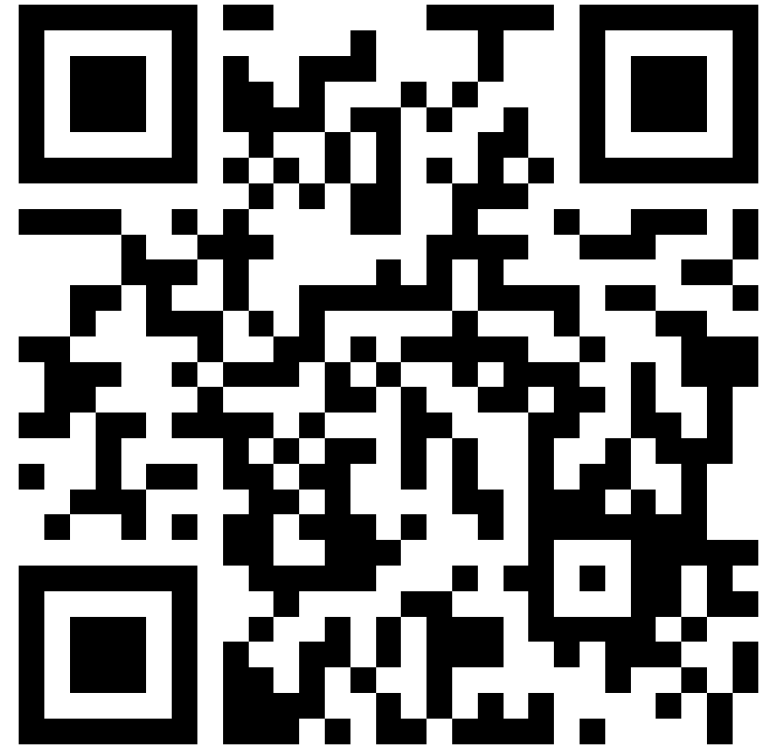


- Countries with most findings (2020):
 - ES 132
 - FR – 94
 - PL – 79
- Countries with most findings (2019):
 - IT – 107
 - GB – 87
 - ES – 55

Check with most findings: C14.1PR - Identification of top 10 Production Facility releases/transfers across Europe – Pollutant Releases

Correction of the data – EEA listens

<https://forms.office.com/r/P0NZ8ykqDf>



E-PRTR/LCP – Reporting of Production Volume

Reporting of ProductionVolume from 2024

HOW IT IS

Multiplicity
[0..*]

3 Attributes

1. **productionVolume**: Positive real number, double-precision floating-point format.
2. **ProductionVolumeUnits**: UnitCodeValue code list.
3. **productName**: CharacterString (i.e. free text)

HOW IT WILL BE

Multiplicity
[1..*]

3 Attributes

1. **productionVolume**: Positive real number, double-precision floating-point format.
2. **ProductionVolumeUnits**: UnitCodeValue code list.
3. **Comments**: CharacterString (i.e. free text)

1. and 2. are mandatory

What is ready?

MANUAL FOR REPORTERS	QA/QC MANUAL	DATA MODEL	UPDATED DICTIONARY
UPDATED .XSD SCHEMA	UPDATED MS ACCESS TEMPLATE	UPDATED CONVERTER (FROM ACCESS TO .XML)	UPDATED AUTOMATIC QA

- These materials are going to be uploaded on https://cdr.eionet.europa.eu/help/eptr_lcp by the end of the week (i.e. 3rd June 2022).
- **TESTING** will be available on **CDRTest only** from September.
Use CDR Sandbox to test your normal submission

Understanding the data dictionary

From CID 2022/142...



...to UnitValueCode Data Dictionary

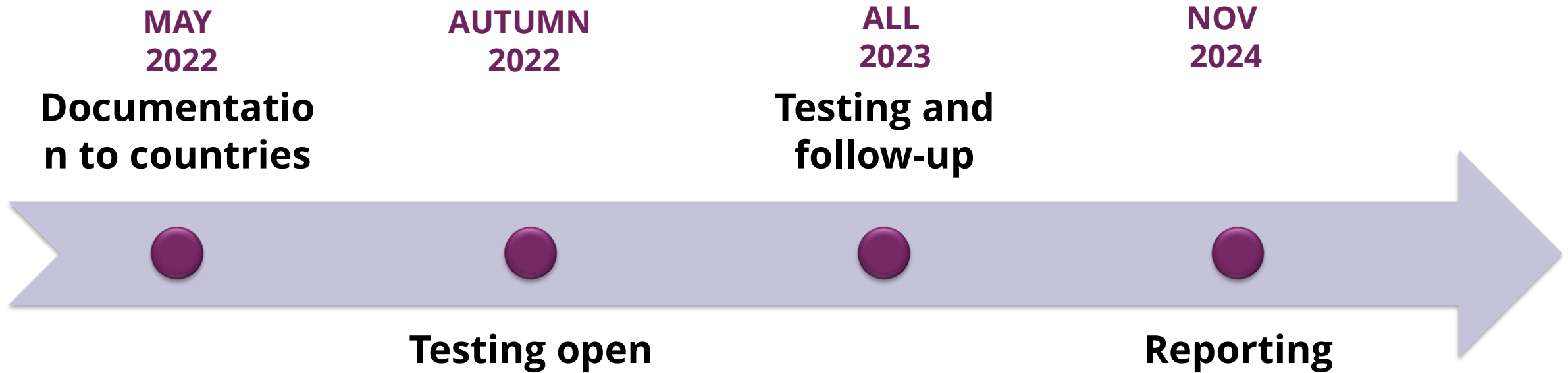
3. Units and metrics

Activity		Unit/metric
1. Energy sector		
1(a)	Mineral oil and gas refineries	Tonnes of products as oil equivalents
1(b)	Installations for gasification and liquefaction	Tonnes of products as oil equivalents
1(c)	Thermal power stations and other combustion installations	Gigajoules of useful energy output
1(d)	Coke ovens	Tonnes of products as oil equivalents
1(e)	Coal rolling mills	Tonnes of products as oil equivalents
1(f)	Installations for manufacture of coal products and solid smokeless fuel	Tonnes of products as oil equivalents

9 concepts found, displaying all concepts.

Id	Label	Status	Status Modified	Notation
GJ_1(c)	Gigajoules of useful energy output	Valid	25.02.2022	GJ_1(c)
MWH	MWH	Valid	17.03.2017	MWH
TOE_1(a)	Tonnes of oil equivalents	Valid	25.02.2022	TOE_1(a)
TOE_1(b)	Tonnes of oil equivalents	Valid	25.02.2022	TOE_1(b)
TOE_1(d)	Tonnes of oil equivalents	Valid	25.02.2022	TOE_1(d)
TOE_1(e)	Tonnes of oil equivalents	Valid	25.02.2022	TOE_1(e)
TOE_1(f)	Tonnes of oil equivalents	Valid	25.02.2022	TOE_1(f)
TOP_4(b)(iii)	Tonnes of products	Valid	25.02.2022	TOP_4(b)iii
TW_5(d)	Tonnes of incoming waste	Valid	25.02.2022	TW_5(d)

Timeline



- Follow – up webinar during the fall?
- Question and request of clarification through Industry Helpdesk

EU Registry – IMPROVING QA

Automatic QA export enabled


As requested in 2021...

8. DATE CHECKS

C8.1	dateOfStartOfOperation comparison	0 blockers137 warnings	More...
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The dateOfStartOfOperation field within the ProductionFacility, ProductionInstallation and ProductionInstallationPart have been queried against each other to check chronology. In the following cases, the ProductionFacility operational start date occurs after that of the associated productionInstallations and/or the ProductionInstallation operational start date occurs after that of the associated ProductionInstallationParts. Please verify all inputs are accurate before submitting.

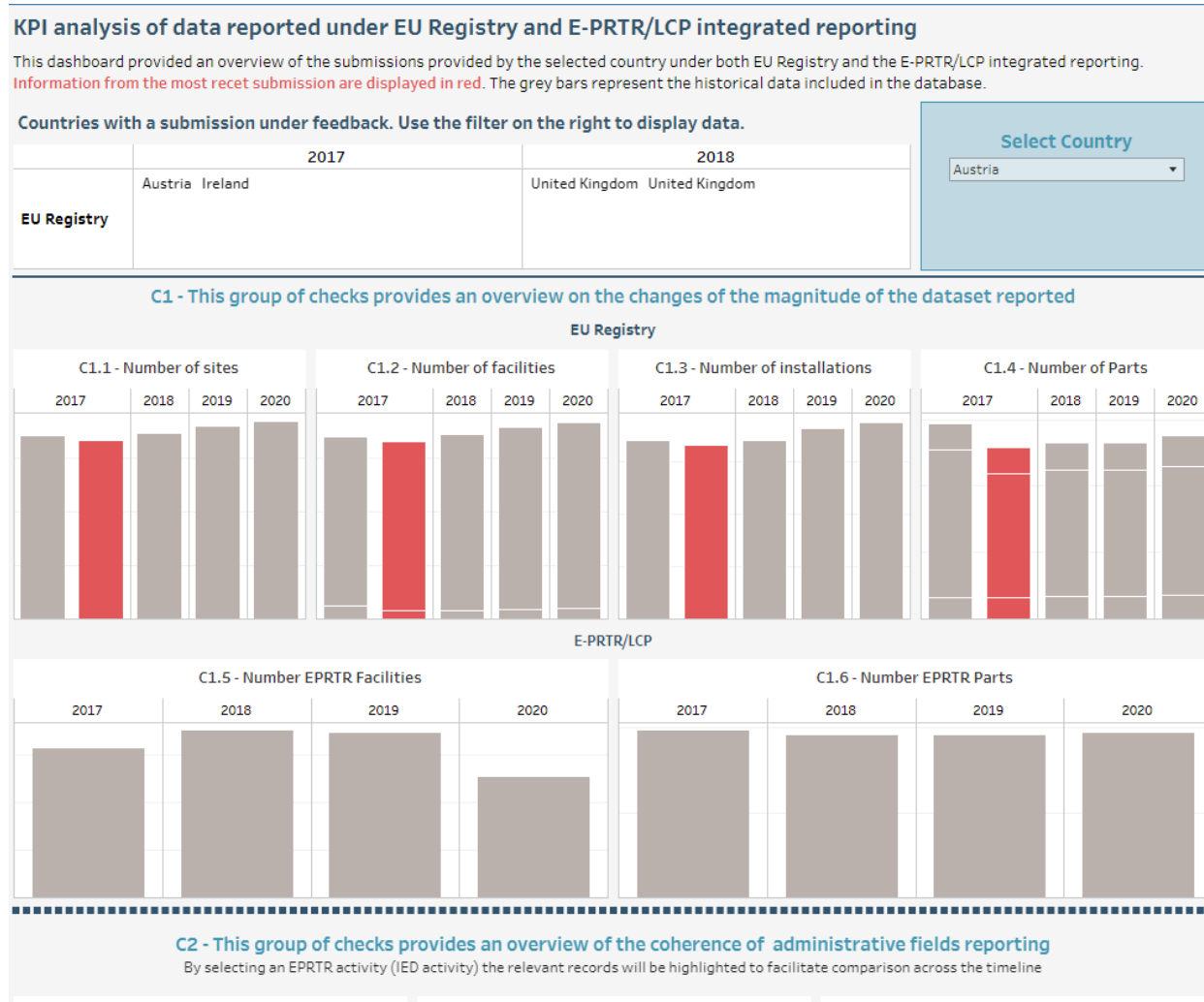
[Export to XLS](#)



	A	B	C	D	E	F
1	Path feature	Local ID	Feature date	Path feature child	Local ID child	Feature child date
2	ProductionInstallation / dateOfStartOfOperation		2002-12-03+01:00	ProductionInstallationPart / dateOfStartOfOperation		1998-01-01+01:00
3	ProductionInstallation / dateOfStartOfOperation		2002-12-03+01:00	ProductionInstallationPart / dateOfStartOfOperation		1968-01-01+01:00
4	ProductionInstallation / dateOfStartOfOperation		2002-12-03+01:00	ProductionInstallationPart / dateOfStartOfOperation		2001-01-01+01:00
5	ProductionInstallation / dateOfStartOfOperation		2002-12-03+01:00	ProductionInstallationPart / dateOfStartOfOperation		2001-01-01+01:00
6	ProductionInstallation / dateOfStartOfOperation		2002-12-03+01:00	ProductionInstallationPart / dateOfStartOfOperation		2001-01-01+01:00
7	ProductionInstallation / dateOfStartOfOperation		2002-12-03+01:00	ProductionInstallationPart / dateOfStartOfOperation		2000-01-01+01:00
8	ProductionInstallation / dateOfStartOfOperation		2002-12-03+01:00	ProductionInstallationPart / dateOfStartOfOperation		2000-01-01+01:00



Visual tool to explore your submission



- Provides a general overview of both EU Registry and E-PRTR/LCP reported data
- Updated every morning at 4.00AM
- Populated with data pending technical acceptance

ETS identifier - Reminder

- **OPTIONAL FIELD**

Specific format:

The identifier must be provided in a specific format: *The identifier should start with the two-letter ISO country code followed by 15 digits (of which the last digits represent the EUTL code also referred to as the installation identifier)* [page 42 of the manual for reporters]

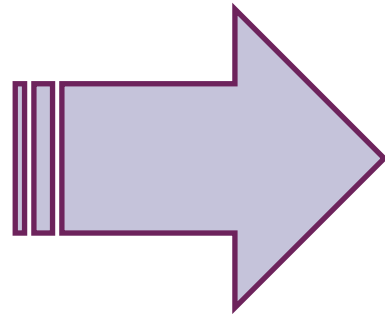
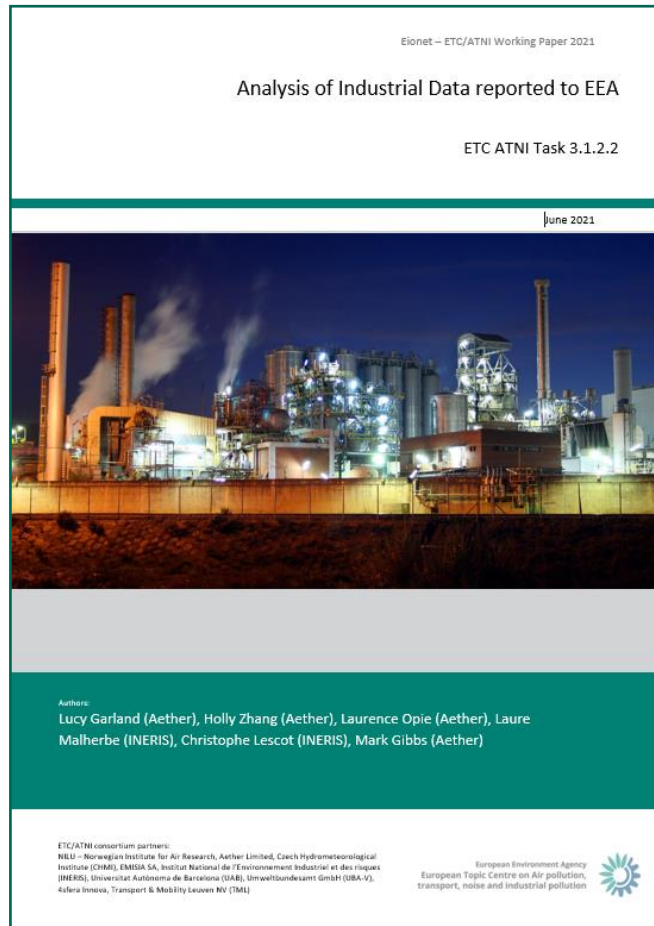
ETS identifier - Reminder

- Example:

A	B	C	D	E	
Account Holder Name	Company Registration Nr of Account Holder	MS Registry	Installation ID	Installation Name	
Calmit GmbH	FN 87132 k	AT	1	Baumit Baustoffe Bad Ischl	
Breitenfeld Edelstahl AG	FN 74471 t	AT	2	Breitenfelder Edelstahl Mitterdorf	
Ziegelwerk Danreiter GmbH & Co KG	FN 18162 i	AT	3	Ziegelwerk Danreiter Ried im Innkreis	
Wienerberger Österreich GmbH	FN 94684 t	AT	4	Wienerberger Blindenmarkt	Installations for the mar
FunderMax GmbH	FN 90081 y	AT	5	Isomax Dekorative Lamine Wiener Neudorf	
SANDOZ GmbH	FN 50587 v	AT	6	Sandoz Werk Kundl	
Martin Pichler Ziegelwerk GmbH.	FN 167091 y	AT	7	Ziegelwerk Martin Pichler Aschach	
Fernwärme St. Pölten GmbH	FN 302796 p	AT	8	FHKW Süd StW St. Pölten	

- Country: Austria, Installation ID: 1.
- Format for ETS id reporting in the EU registry:
 - AT000000000000000001

Improving data quality in EU Registry



**DEVELOPMENT OF
NEW QA CHECKS**

New Additional Checks - Blockers



C6.5

- Prevent from reporting ***functional* NONEPRTR** facilities with an **EPTR Annex I** activity

C6.6

- Prevent from reporting **1(c) without an LCP**

C6.7

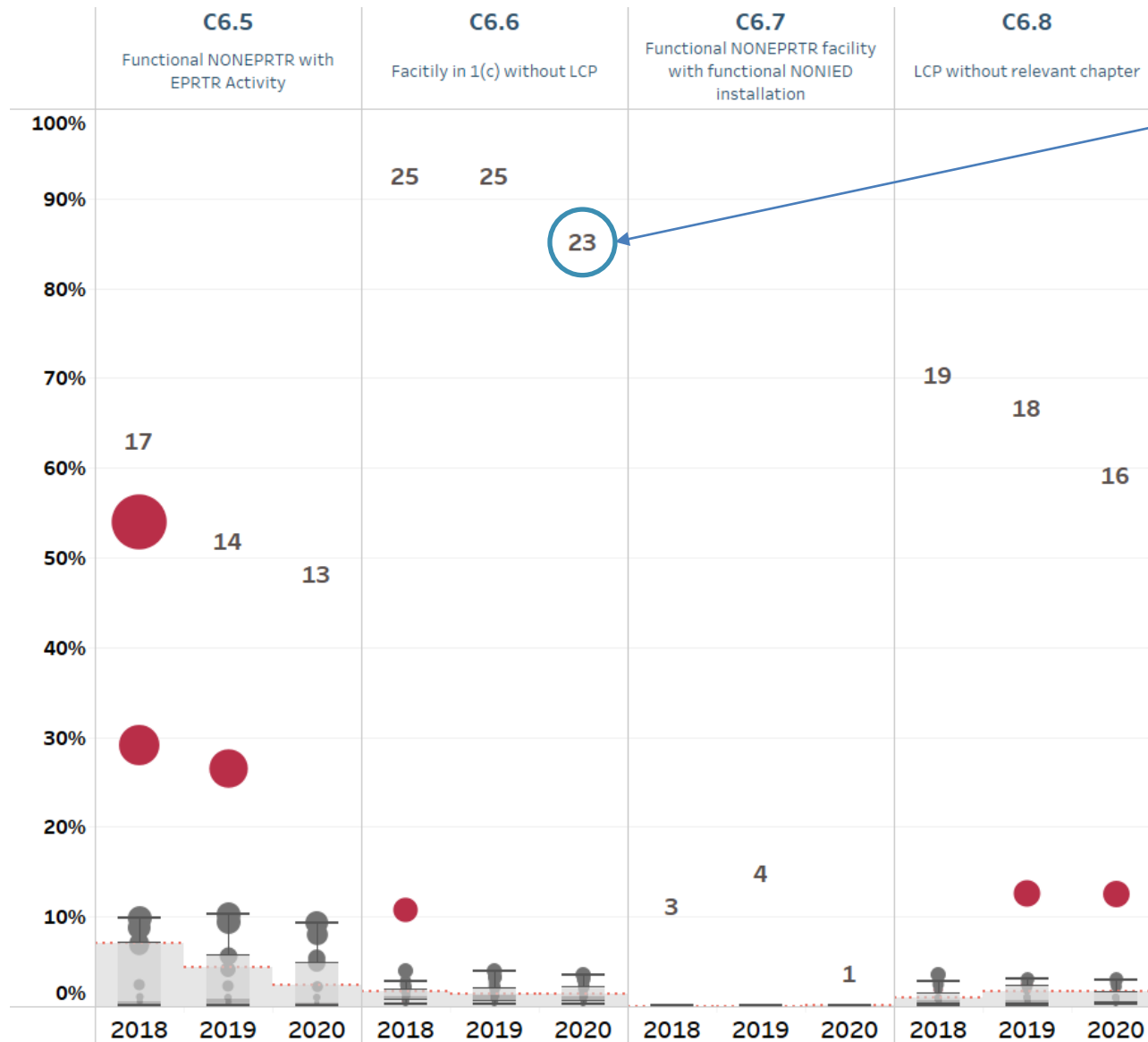
- Prevent from reporting ***functional* NONEPRTR** facility with a ***functional* NONIED***

C6.8

- Prevent from reporting an **LCP without the RelevantChapter** (ChapterIII and ChapterIV)

* WI and co-WI between 2 and 3 t/h are excluded from the check

Potential impact



Number of countries

- Majority of countries affected
- Only 6 cases have an impact above 10%



Country specific Excel File with list of entities affected by the new checks



How it will be implemented

- Active from reportingYear = 2021
- **Not applicable to re-submissions**

How to address the current dataset?



C6.5

- Facilities should be updated as *notRegulated* and then not reported in the following reportingYear

C6.6

- The relevant LCP should be provided or
- The EPRTRAnnexIActivity should be updated

C6.7

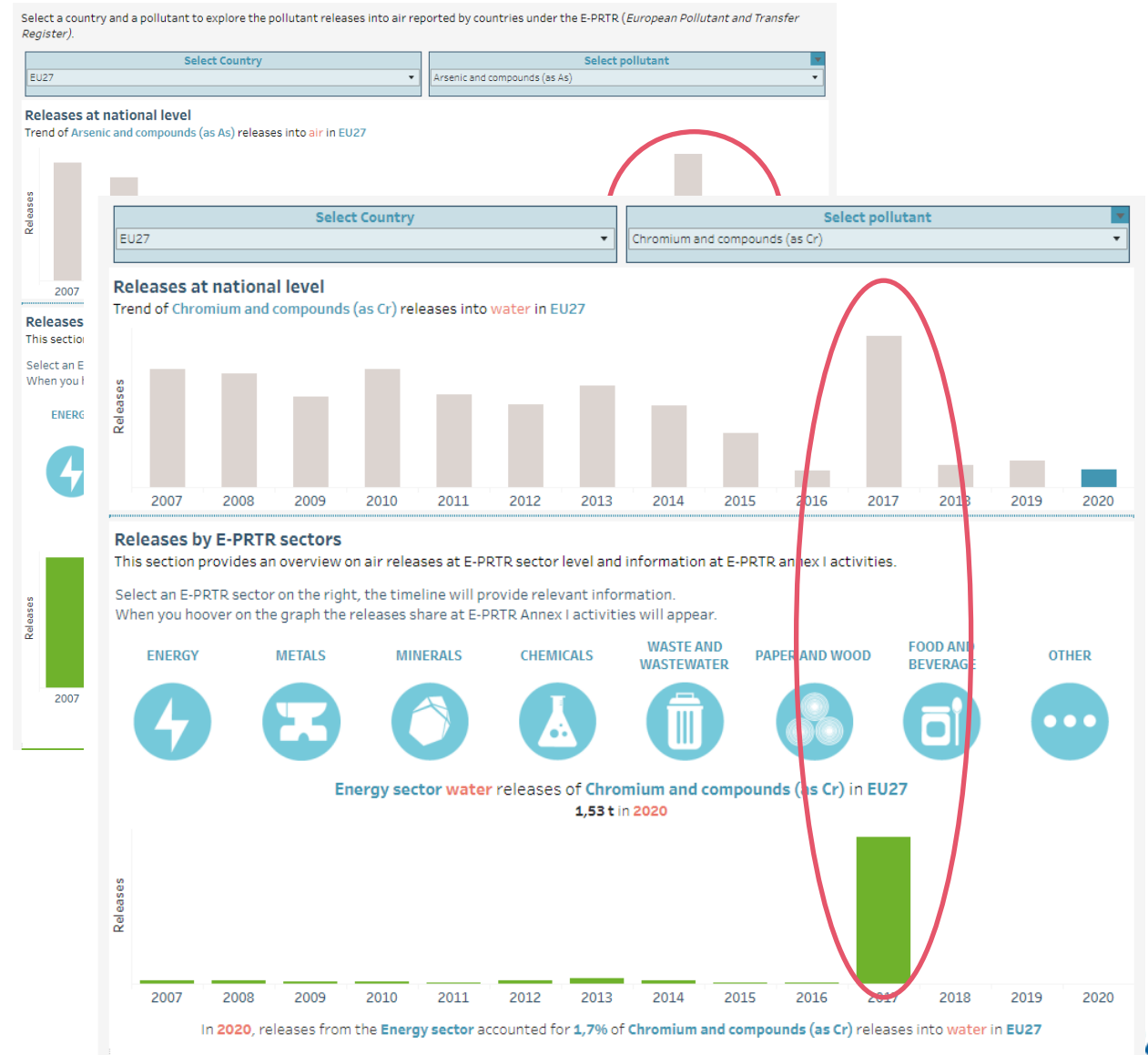
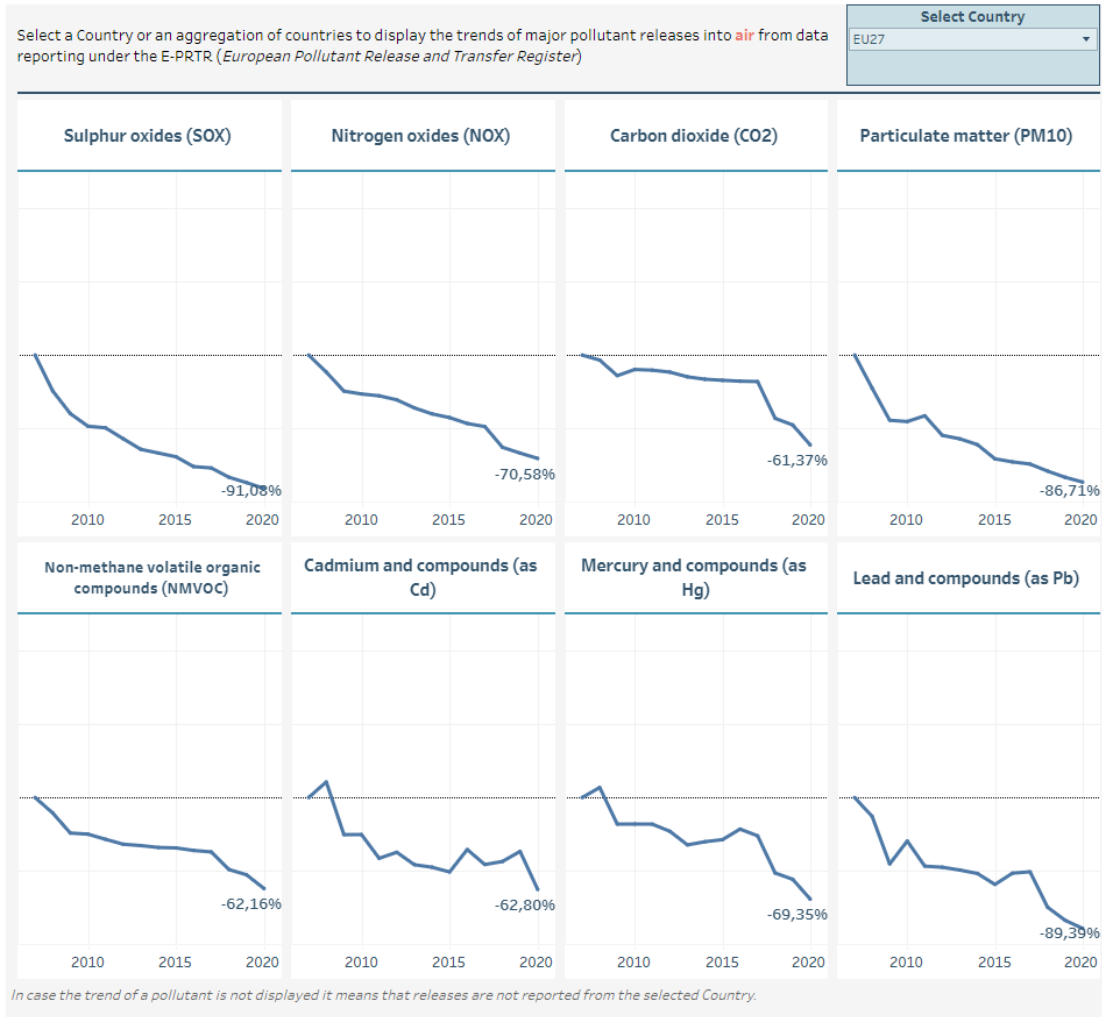
- Facility and Installation Status should be updated as *notRegulated* and then not reported in the following reportingYear

C6.8

- The relevant Chapter should be added

E-PRTR/LCP – Analysis on pollutant releases

Historical and new data available



Facilities with significant contribution (2017 – 2020)

TOTAL RELEASES AT E-PRTR ANNEX I ACTIVITY

CALCULATION OF MEDIAN ALONG TIME SERIES

FLAG VALUES ABOVE 100%, 200%, 300% MEDIAN

FLAG FACILITIES WITH A CONTRIBUTION $> 50\%$

SET PRIORITY FOR CORRECTION

Priority for correction of values

HIGH

**300%
MEDIAN**

NOVEMBER

MEDIUM

**200%
MEDIAN**

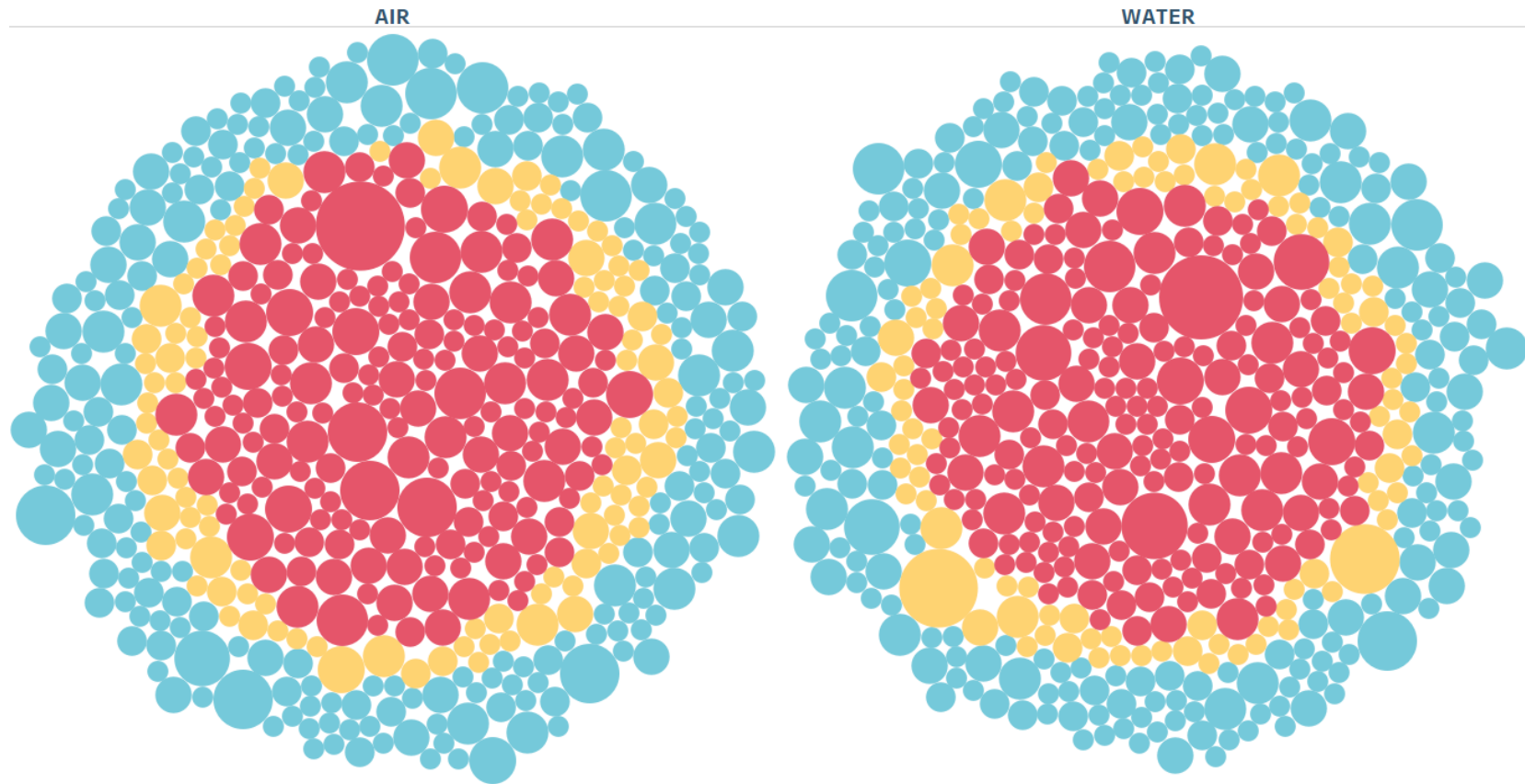
AS FEASIBLE

NORMAL

**100%
MEDIAN**

AS FEASIBLE

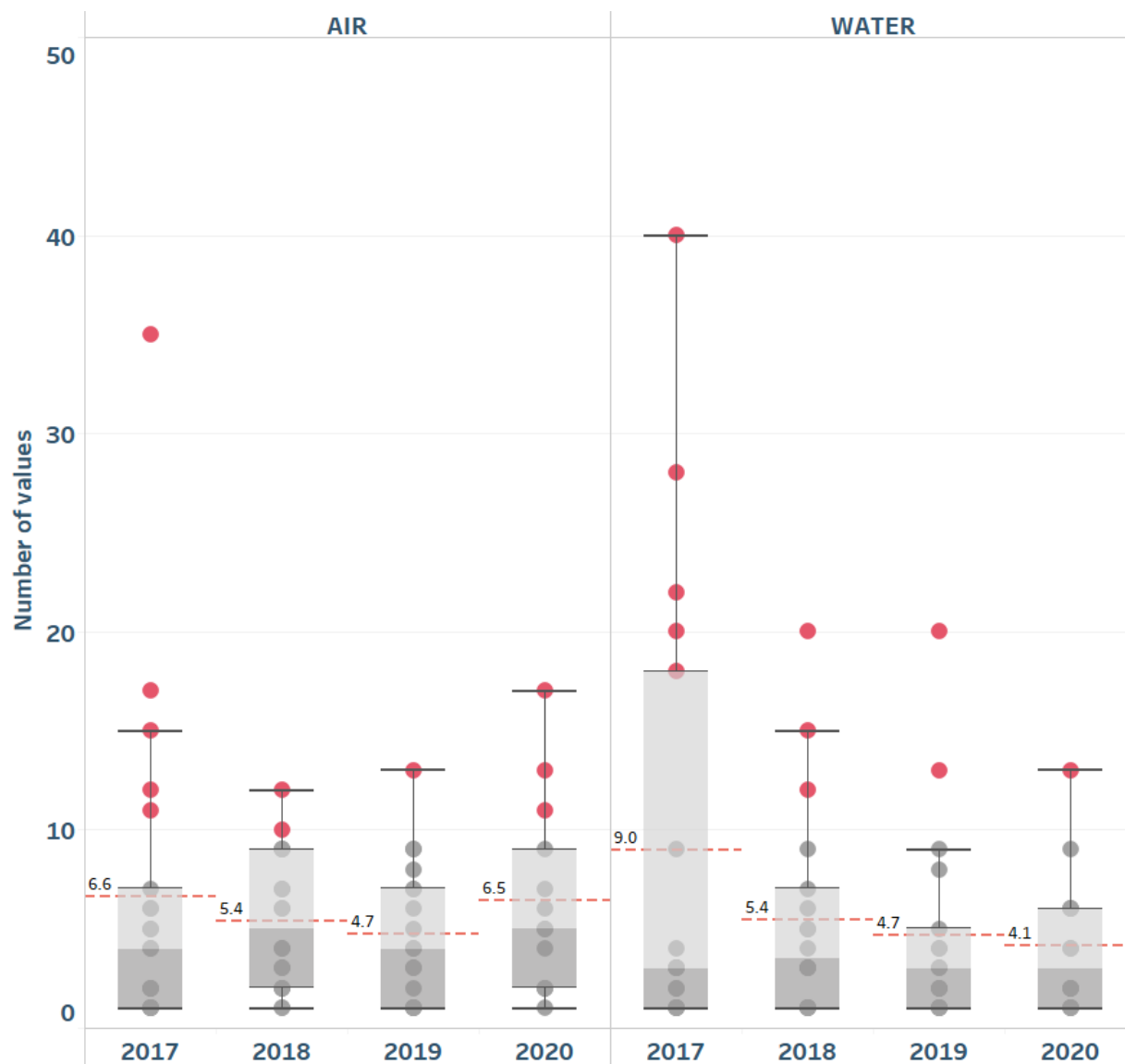
How many values?



- 71 pollutants involved
- Around 2000 findings

TOP 10 POLLUTANTS: Zn, As, HFCs, Cd, Dioxin, CO₂, NO_x, N₂O, Hg, Ni

How many “HIGH” priority values to check?



- On average it's around **6 values per medium (e.g. air, water) per country**
- Red dots are countries which need to check and correct more than 10 values

Why it's important to correct data

**COMPLYING
WITH THE
REPORTING
REQUIREMENTS**

**RELIABILITY OF
THE WHOLE
DATASET**

**IMPACT ON
ANALYSIS,
RESEARCH,
STUDIES**

REPUTATION

EEA will provide each country with a country-specific file

How to correct the data

2017

- **INSERT THE CORRECTED VALUE IN THE PROVIDED EXCEL FILE**
- **SEND THE EXCEL FILE TO INDUSTRY HELPDESK BY 30TH NOVEMBER**

2018-2020

- **RE-SUBMISSIONS BY 30TH NOVEMBER**

THANK YOU FOR YOUR ATTENTION

INDUSTRY HELPDESK

industry.helpdesk@eea.europa.eu



SCAN THE CODE AND FILL THE FORM
YOUR OPINION IS IMPORTANT TO US
<https://forms.office.com/r/TSHhJk97J3>