Industrial Reporting Technical Webinar

Federico Antognazza, Juan Calero, Lucy Garland - 29 March 2023

European Environment Agency

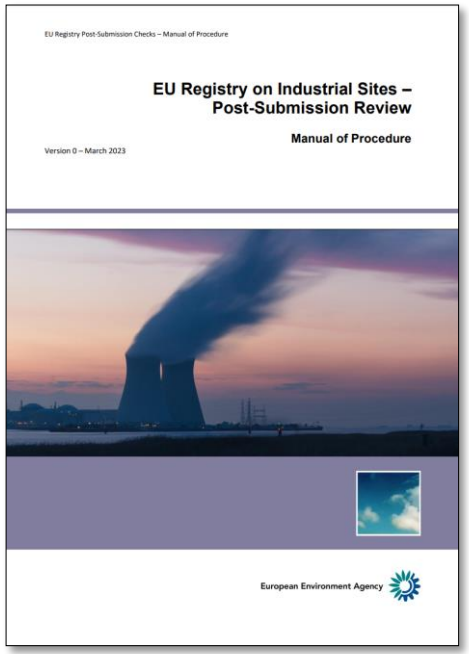
Agenda

- Post Submission checks: news and overview
- New timeline for working together
- How to improve together
- Production Volume

Post Submission Checks: what is new?

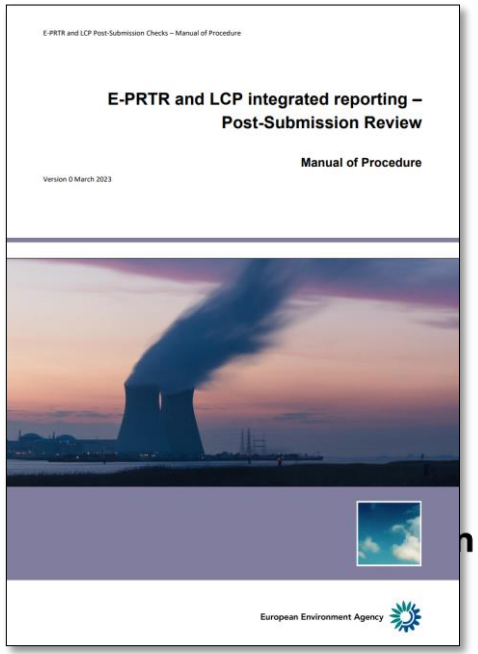
EU Registry

- Revised Manual of Procedure
- Clean up of deprecated checks
- Improvement in permit action checks



EPRTR/LCP

- Revised Manual of Procedure
- New set of checks
- Clear split on EPRTR and LCP



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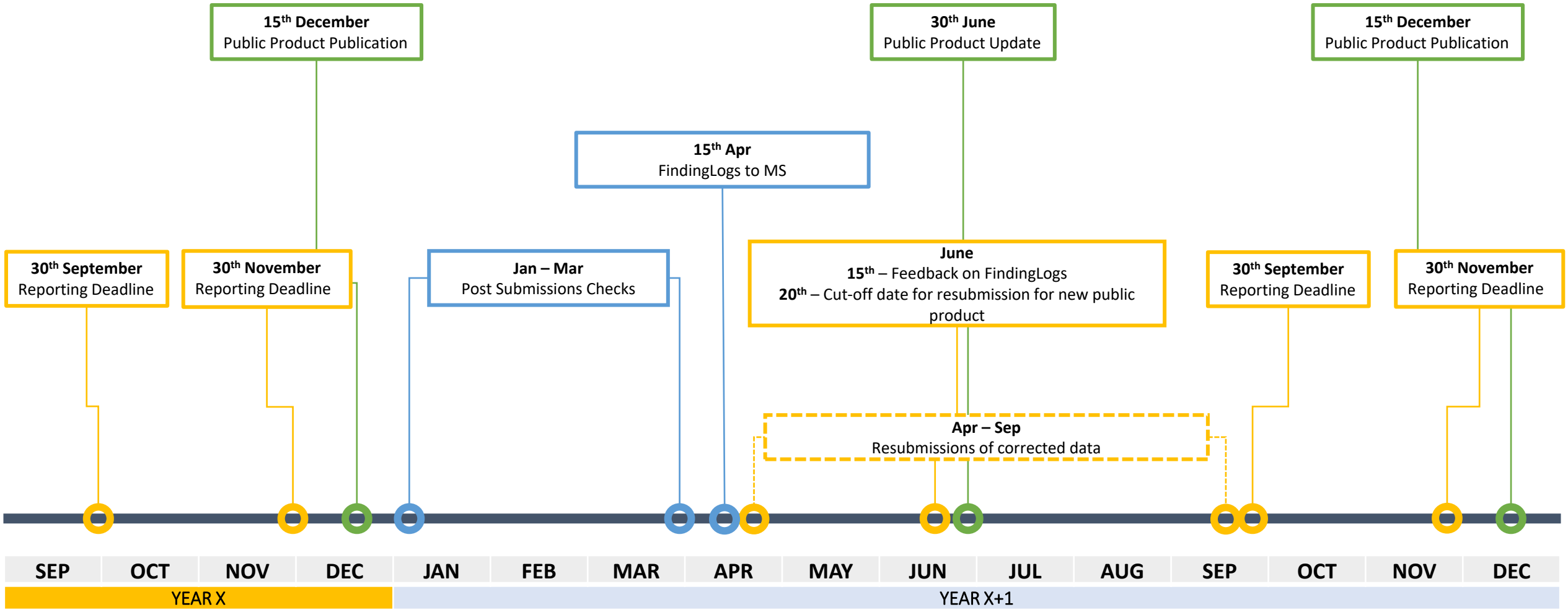
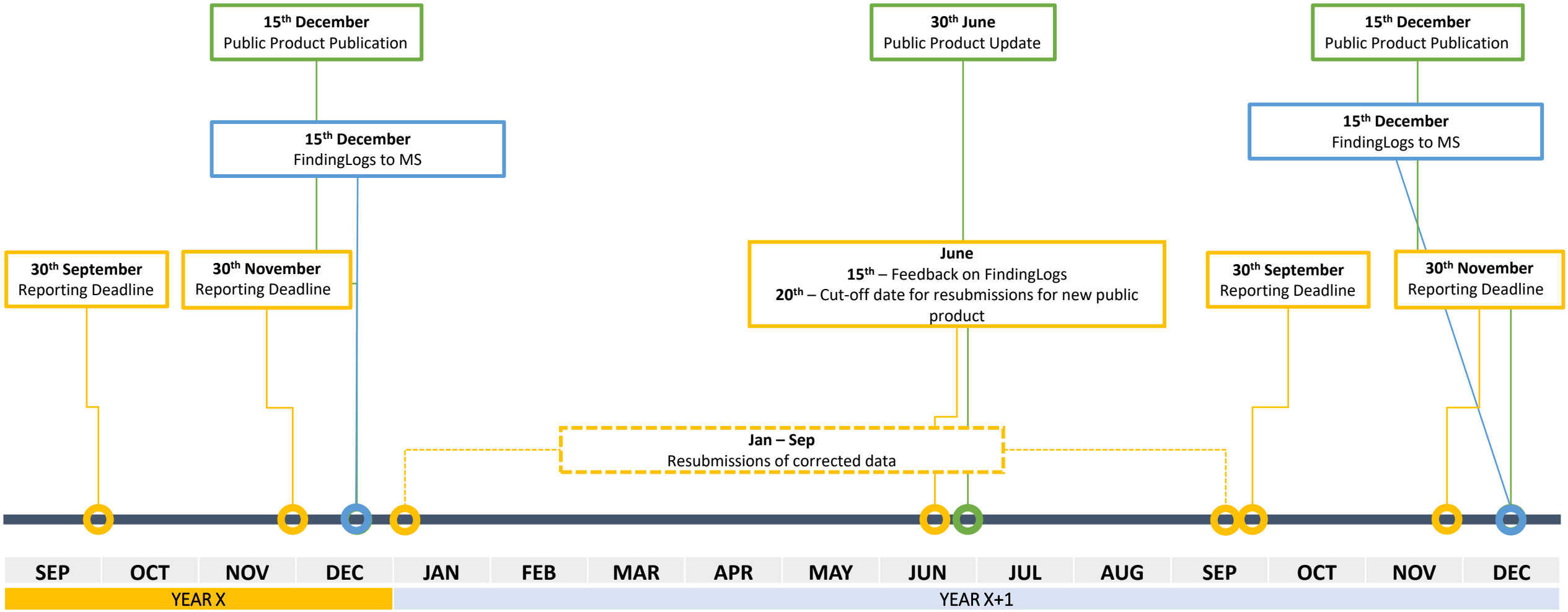
EU-Registry and E-PRTR/LCP current working timeline

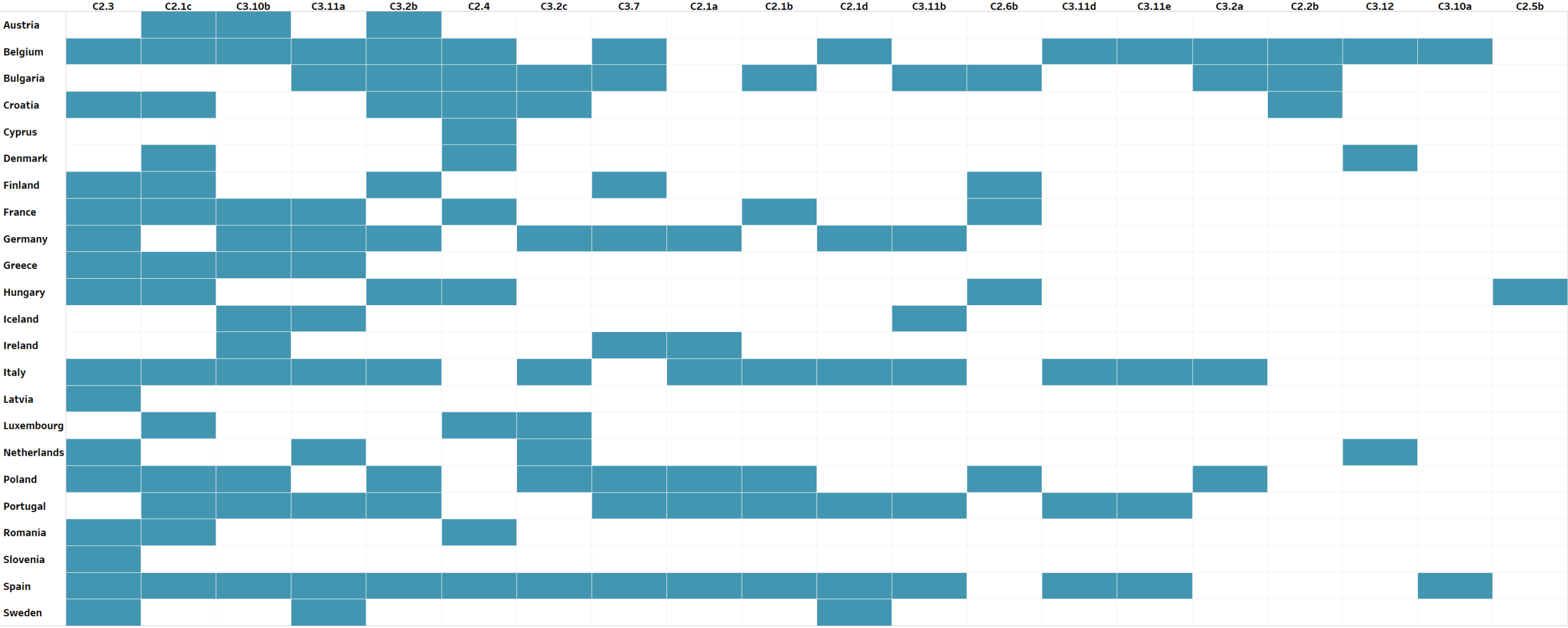


EU-Registry and E-PRTR/LCP NEW working timeline



Post submissions checks overview

Post Submission Checks: EU Registry



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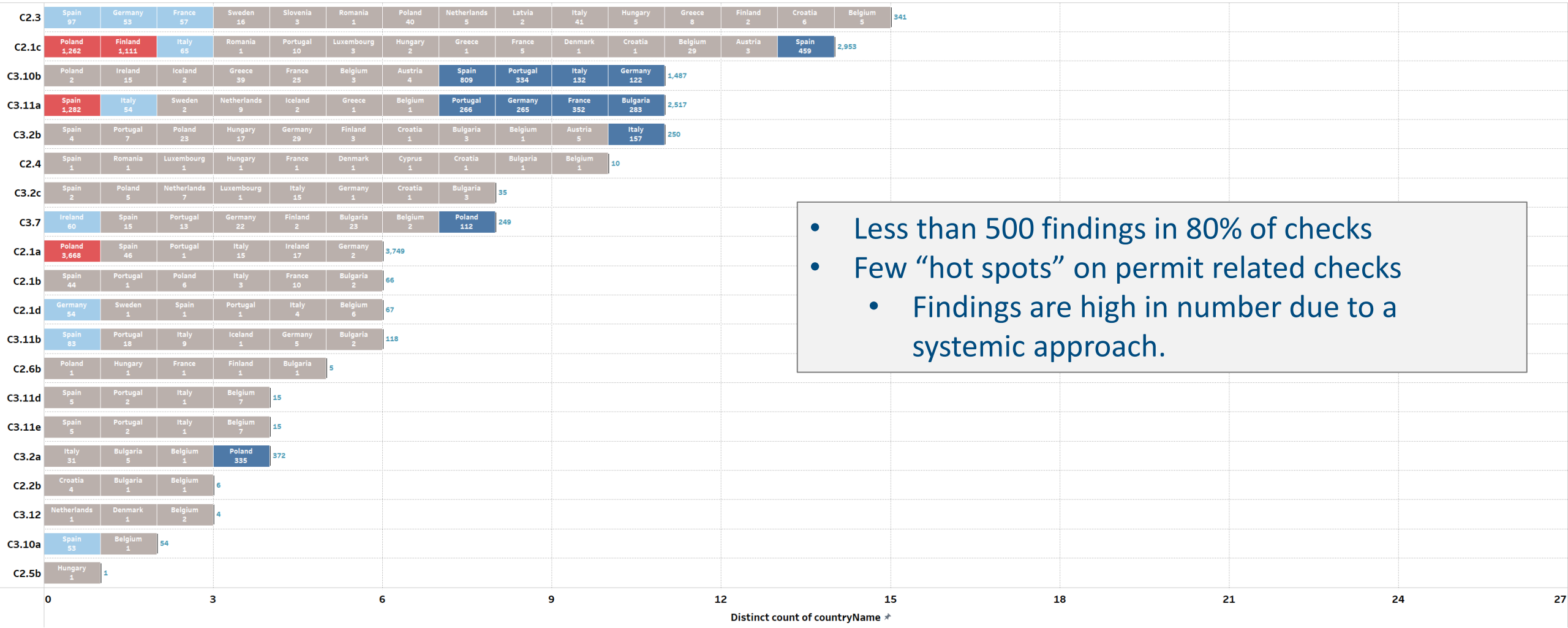
Post Submission Checks: EU Registry



- Less than 500 findings in 80% of checks
- Few “hot spots” on permit related checks
  - Findings are high in number due to a systemic approach.

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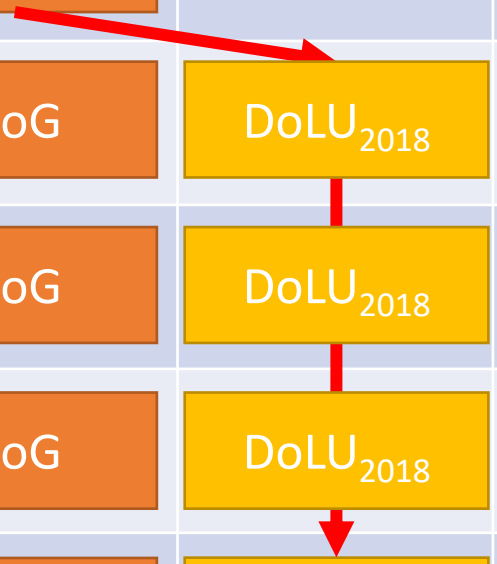
Post Submission Checks: Logic for Permit Reporting

Reporting year (RY)	Date of Granting	Date of Last Update	Permit Granted	Permit Updated	Permit Reconsidered	Installation status
2017	DoG		PG			Functional
2018	DoG	$DoLU_{2018}$	PG	PU	PR	Functional
2019	DoG	$DoLU_{2018}$	PG			Functional
2020	DoG	$DoLU_{2018}$	PG		PR	Functional
2021	DoG	$DoLU_{2021}$	PG	PU	PR	Functional



Post Submission Checks: E-PRTR/LCP

C.EPRTR.1

- IDENTIFICATION OF POTENTIAL POLLUTANT RELEASES/TRANSFER AND OFF-SITE WASTE TRANSFER AT FACILITY LEVEL IN **COMPARISON WITH THE PREVIOUS REPORTING YEAR**

C.EPRTR.2

- IDENTIFICATION OF POTENTIAL POLLUTANT RELEASES/TRANSFER AND OFF-SITE WASTE TRANSFER AT FACILITY LEVEL IN **COMPARISON WITH THE HISTORICAL DATA REPORTED**

C.EPRTR.3

- IDENTIFICATION OF POTENTIAL POLLUTANT RELEASES AND OFF-SITE WASTE TRANSFER AT FACILITY LEVEL **CONTINUITY ISSUES**

C.EPRTR.4

- FACILITY POLLUTANT RELEASES AND LCP EMISSIONS TO AIR FEASIBILITY

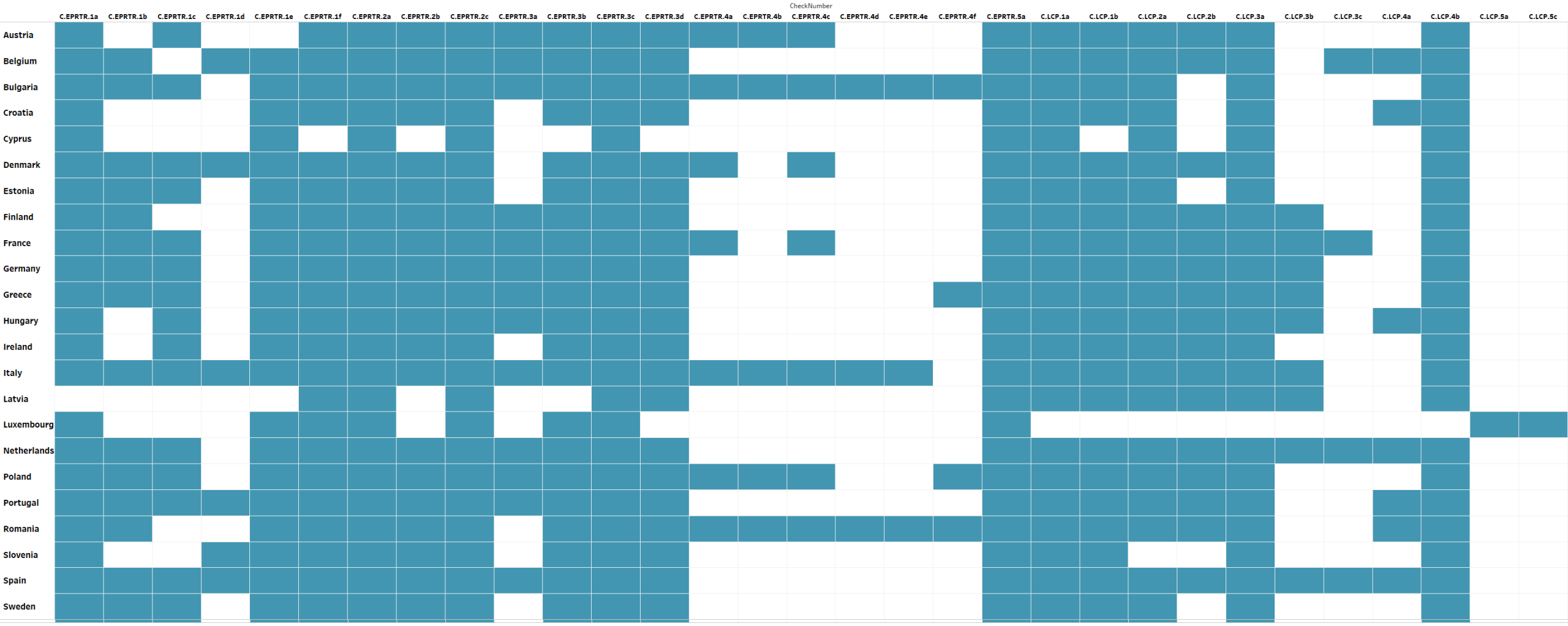
C.EPRTR.5

- IDENTIFICATION OF POTENTIAL OUTLIERS FROM NEW REPORTED PRODUCTIONFACILITIES

Post Submission Checks: E-PRTR/LCP

C.LCP.1	C.LCP.2	C.LCP.3	C.LCP.4	C.LCP.5
•IDENTIFICATION OF POTENTIAL **EMISSIONTOAIR OUTLIER** AT INSTALLATION PART LEVEL IN **COMPARISON WITH THE PREVIOUS REPORTING YEAR**	•IDENTIFICATION OF POTENTIAL **ENERGYINPUT OUTLIER** AT INSTALLATION PART LEVEL IN **COMPARISON WITH THE PREVIOUS REPORTING YEAR**	•IDENTIFICATION OF POTENTIAL **OUTLIER AND COHERENCE** AT INSTALLATION PART LEVEL OF REPORTED **OPERATINGHOURS**	•IDENTIFICATION OF POTENTIAL **OUTLIER AND COHERENCE** AT INSTALLATION PART LEVEL OF REPORTED **ENERGYINPUT**	•IDENTIFICATION OF POTENTIAL **OUTLIERS FROM NEW REPORTED** LCP

Post Submission Checks: E-PRTR/LCP



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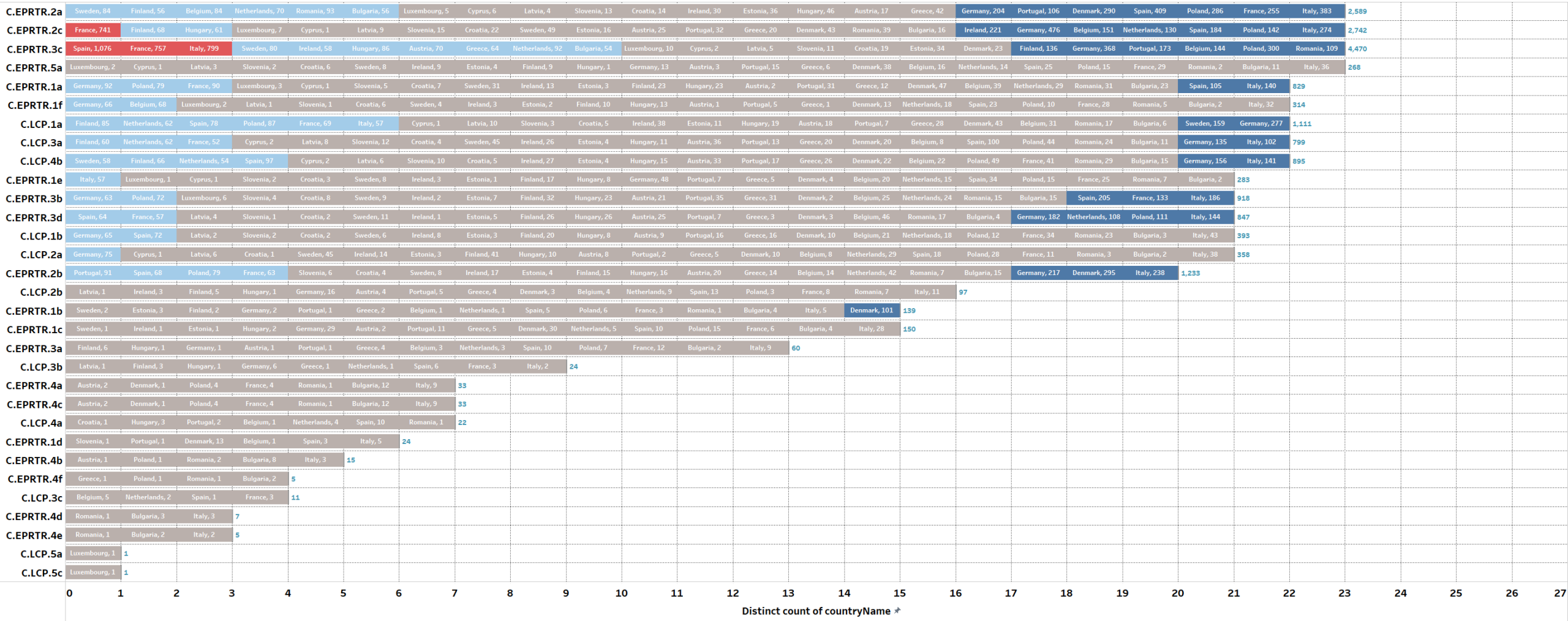
Post Submission Checks: E-PRTR/LCP



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Post Submission Checks: E-PRTR/LCP – Waste Transfer

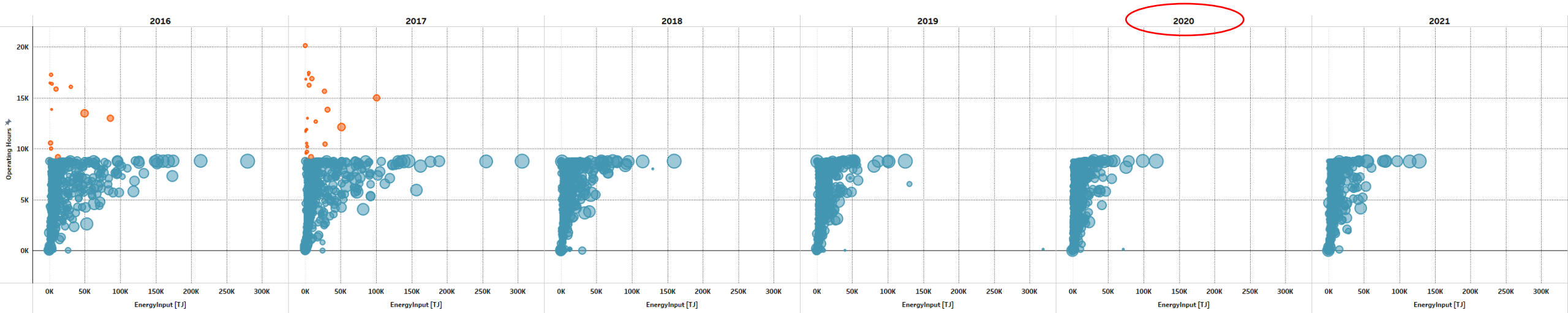
- Found a bug in the code that generated all the OffSite Waste Transfer checks
  - C.EPRTR.1e
  - C.EPRTR.1f
  - C.EPRTR.2c
  - C.EPRTR.3d
- A new findingLog concerning these checks only is going to be re-issued

Post Submission Check: E-PRTR Overview

- Few checks with many findings
- C.EPRTR.3c has many findings but it has a low priority.
- On the Y2Y changes potential post-Covid impact
- C.EPRTR.4:
  - This is a current check on Automatic QA.
  - The aim for RY 2022 is to elevate this as a blocker when SO2 and NOx are reported above the threshold at LCP level and the parent facility has 0 reported.

Post Submission Check: LCP overview

- C.LCP.1a: Many findings potentially due to post-Covid changes in the operation
- C.LCP.3a: Significant amount of findings
- C.LCP.3b and C.LCP.3c: Should this be a blocker in the future?
  - C.LCP.3c (Energy Input 0, OpH > 30% year): Only 11 findings. All > 4000 hours with NO energyInput



Adding new blockers helps in improving data quality

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Questionnaire and Webinar

- Running a program, under ETC HE, to support reporters in industrial reporting

- Two support options:
  - Provide one-to-one support sessions
  - Provide more in-depth support to a few reporters

- In order to understand reporters' needs we will be developing and sending out a questionnaire

Reporting of Production Volume Update

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Production Volume

June 2022

- Updated documentation (Data model, Manual for Reporters and QA/QC manual)
- Updated .xml schema and updated MS Access Template
- Link to updated converter

Ongoing

- Collecting question from MS
- Finalising Automatic QA on CDRTest
- Update of harvester from CDR and SQL DB

Autumn 2023

- Testing from MS on CDRTest with harvestning in a Test SQL DB

Thank you

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