

Overview of September 2022 submissions

*EEA & ETC-ATNI work
compiled by Luca Liberti*



Presentation plan

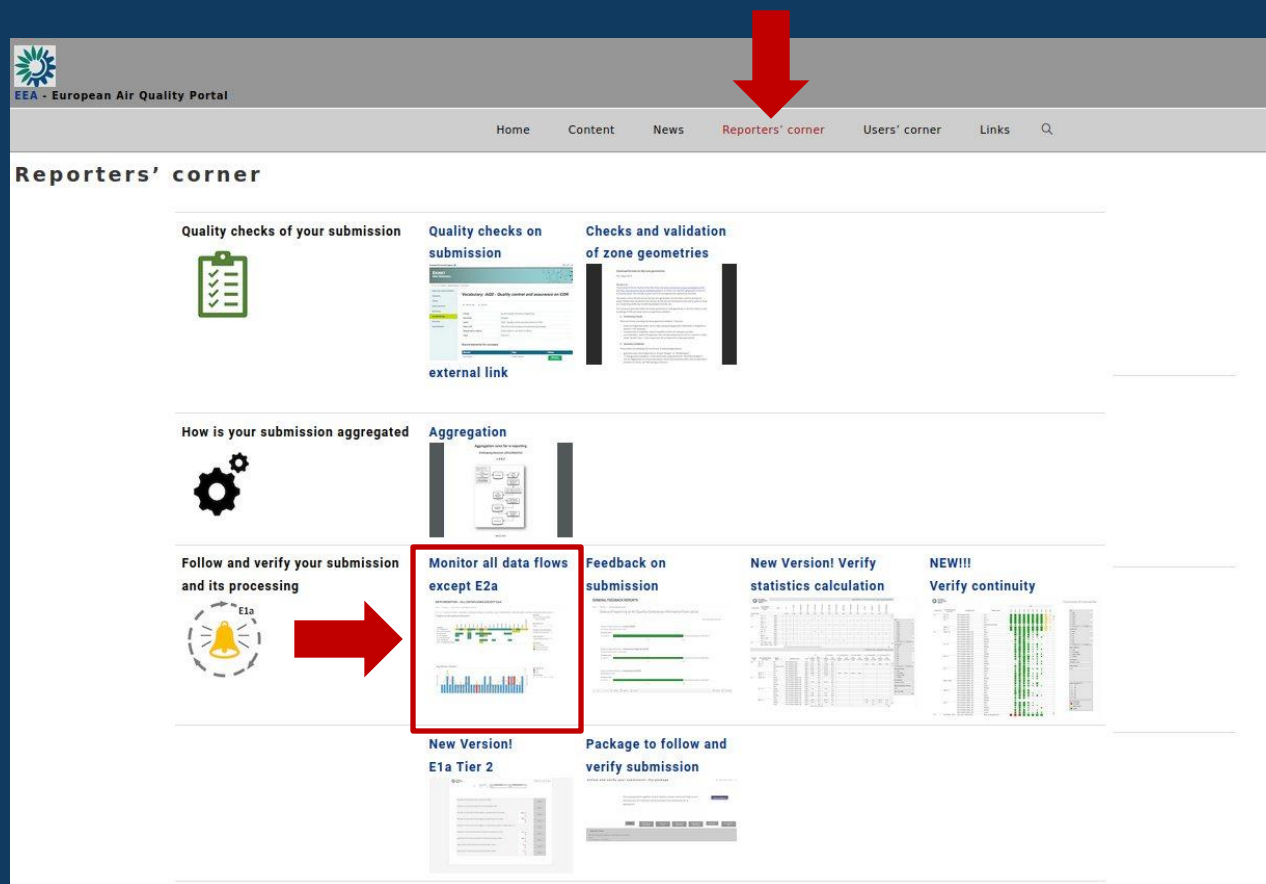
- *Submission Status and Timeline*
- *Remaining Errors B-G*
- *E1a and Aggregations*
- *Issues in EEA infrastructure*
- *Next Steps*



Submission Status and Timeline



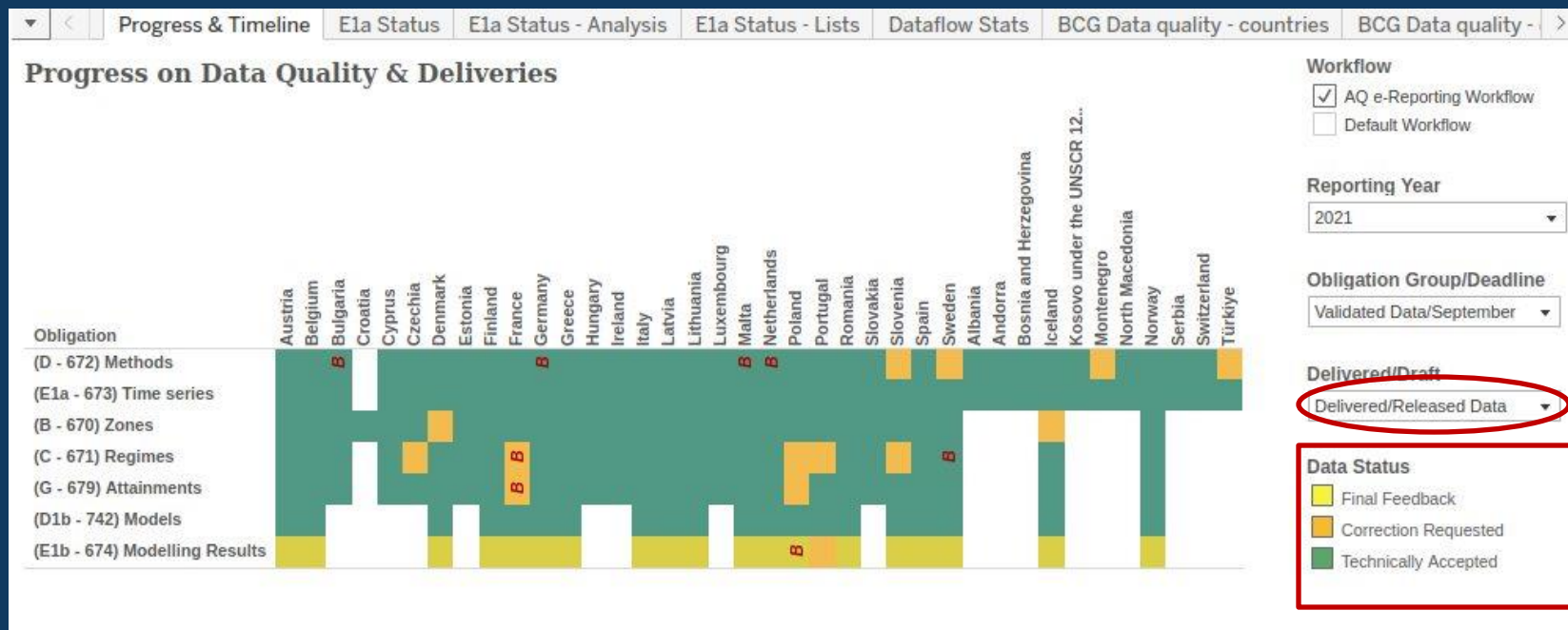
Submission Status and Timeline



<https://aqportal.discomap.eea.europa.eu/index.php/reporters-corner/monitor-all-data-flows-except-e2a>



Submission Status and Timeline



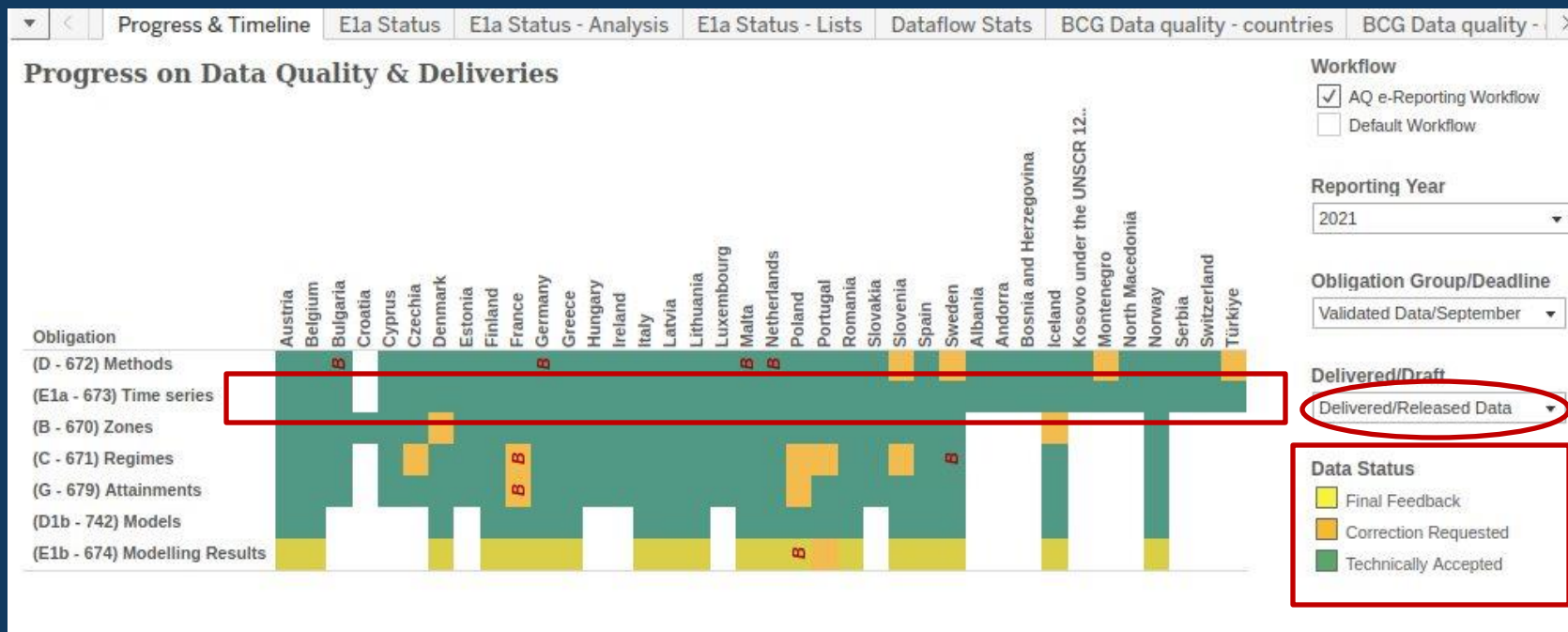
Blocker level QA outcome will prevent envelope release

Error level QA outcome will put released envelope in Correction Request

Warning level QA outcome not shown



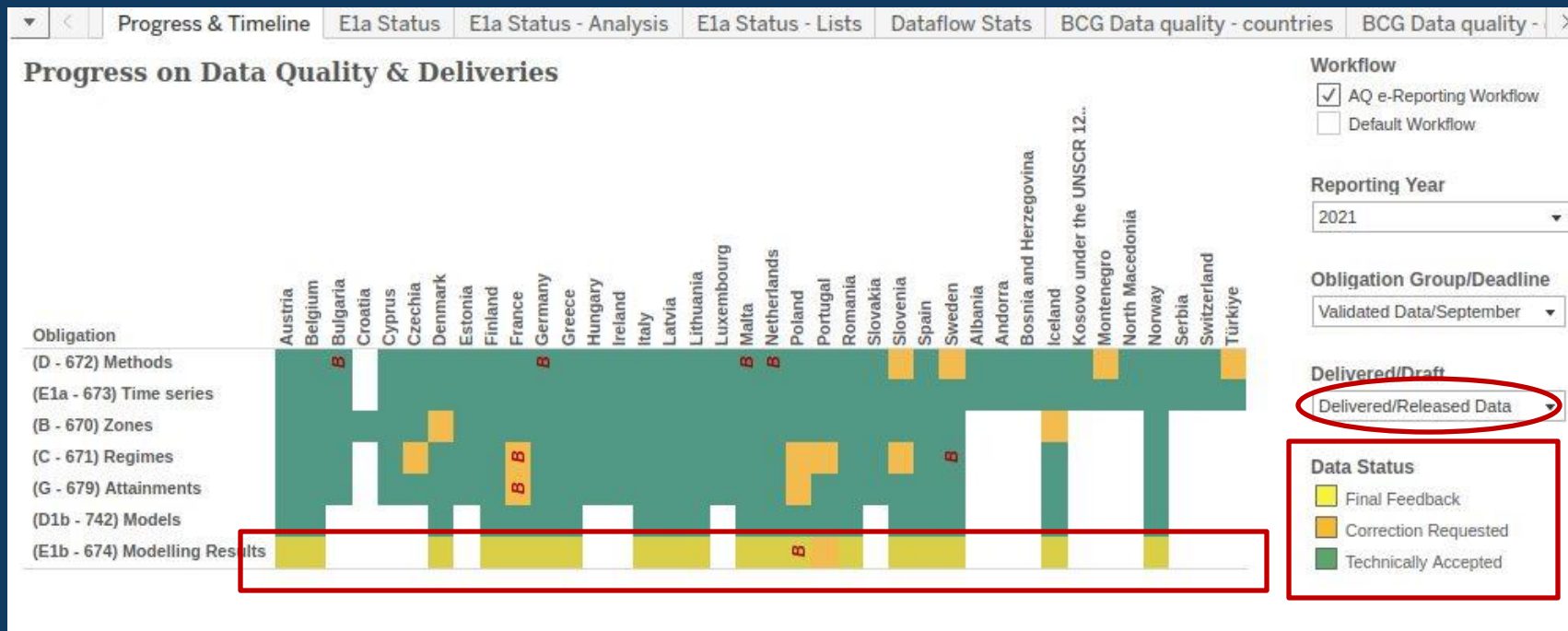
Submission Status and Timeline



E1a goes in Final Feedback after successful release.
Reported has the option to exclude it from products
If not it is automatically put into 'Technically Accepted' status
at the end of the grace period on (Nov. 5)



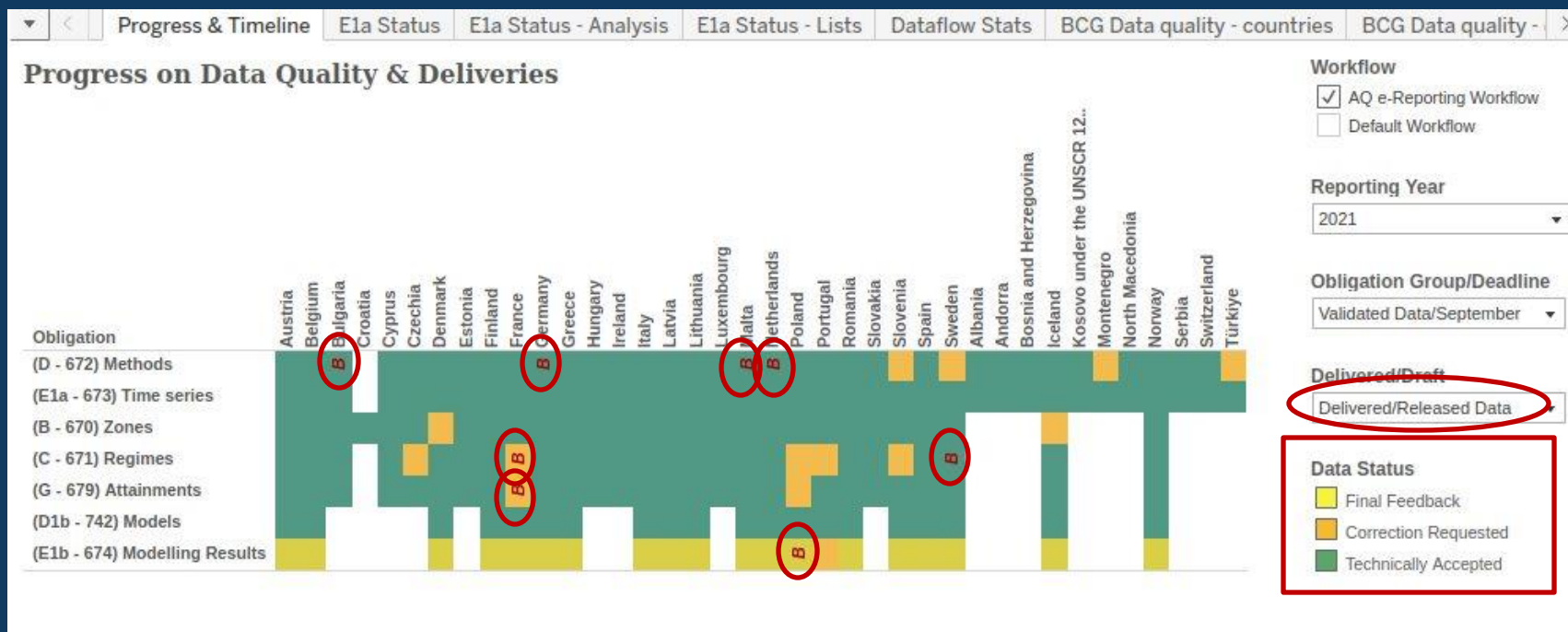
Submission Status and Timeline



For E1b the automatic transition was not enabled to better investigate some issues that were not fully captured by QA



Submission Status and Timeline



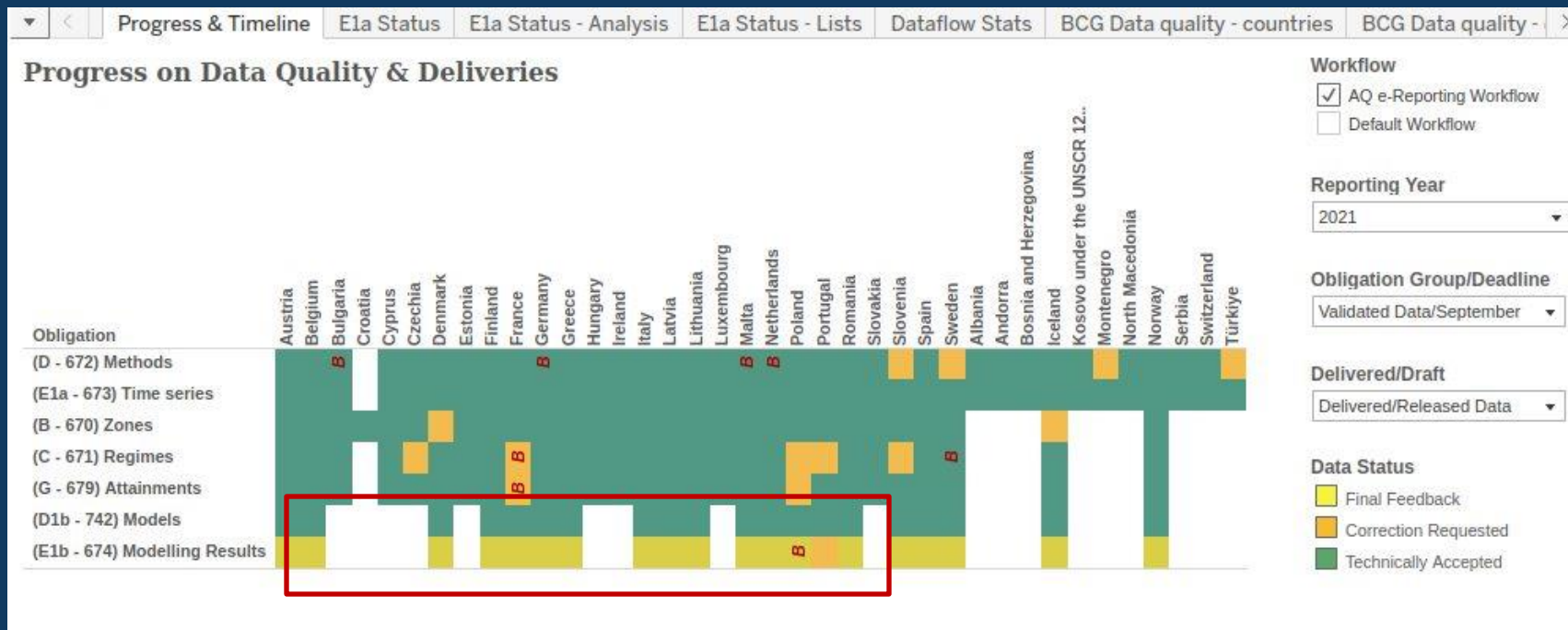
Some envelopes with blockers were force-released

- Genuine corrections to the data when consistency is enforced across deliveries
- Error that the reporters were not able to fix

Some envelopes were not blocked even if some of the checks failed



Submission Status and Timeline

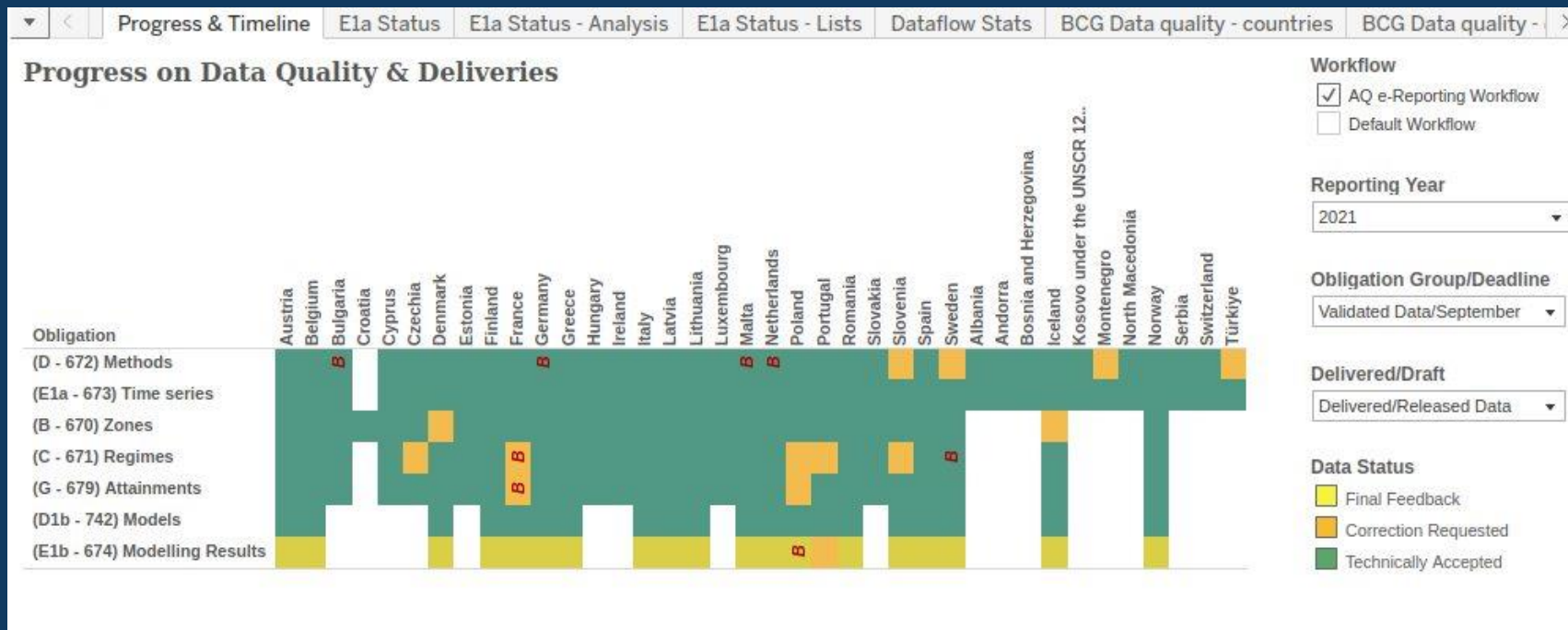


Countries are invited to report model data and metadata even if not used for compliance in C and G. DG-ENV recommendation in AQ Expert Meeting

Compared to last year two more countries reported models



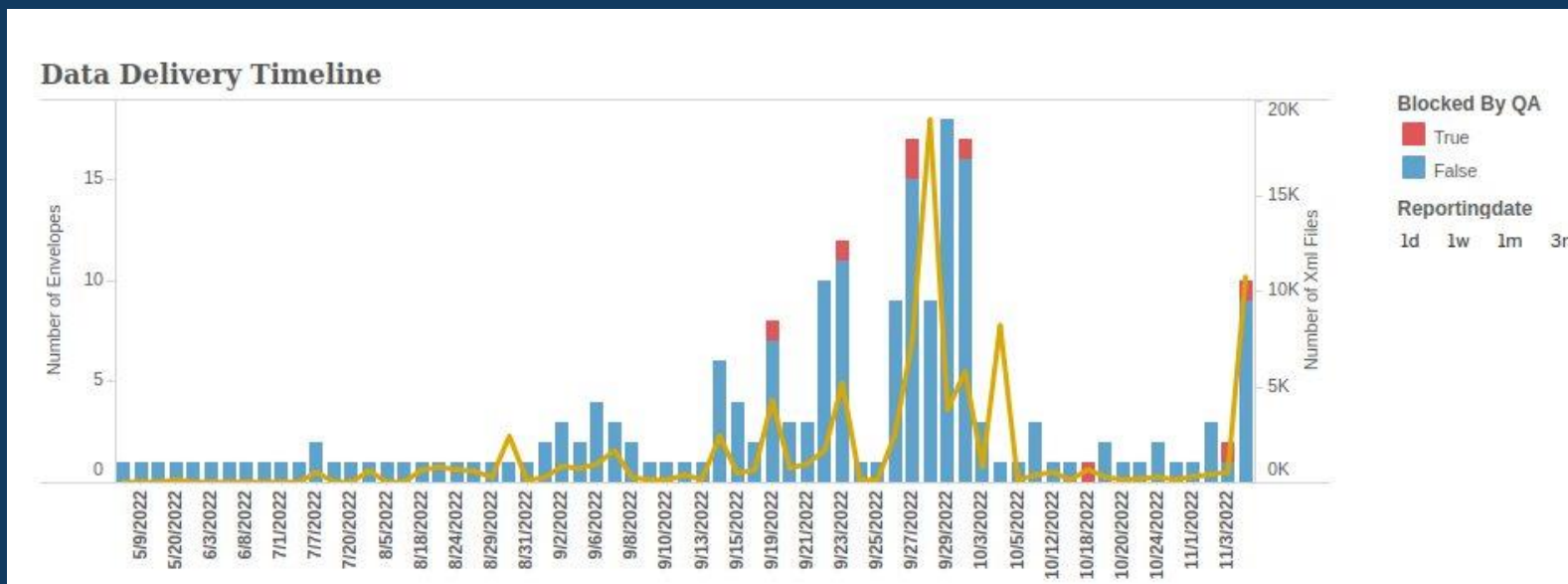
Submission Status and Timeline



Relatively few remaining envelopes with errors!



Submission Status and Timeline



- Submission started at the end of May
- Limited activity during the summer
- Peak in September especially during last week
- Second peak around the end of the resubmission period



Submission Status and Timeline

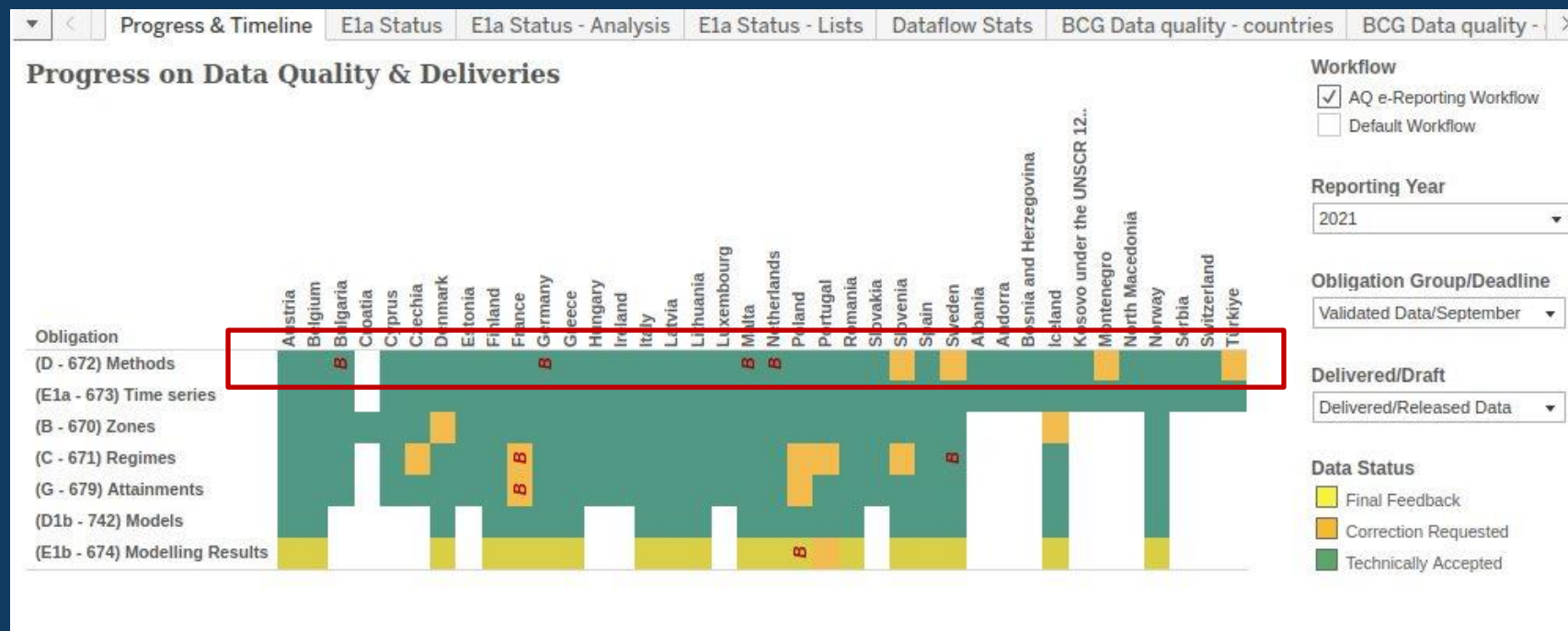
- **Early Submissions**
- *More time to provide corrections*
- *Higher data quality by the deadline and resubmission period*
- *Less stress on the infrastructure*
- **Early products**



Remaining Errors B-G



Remaining Errors B-G – Dataset D

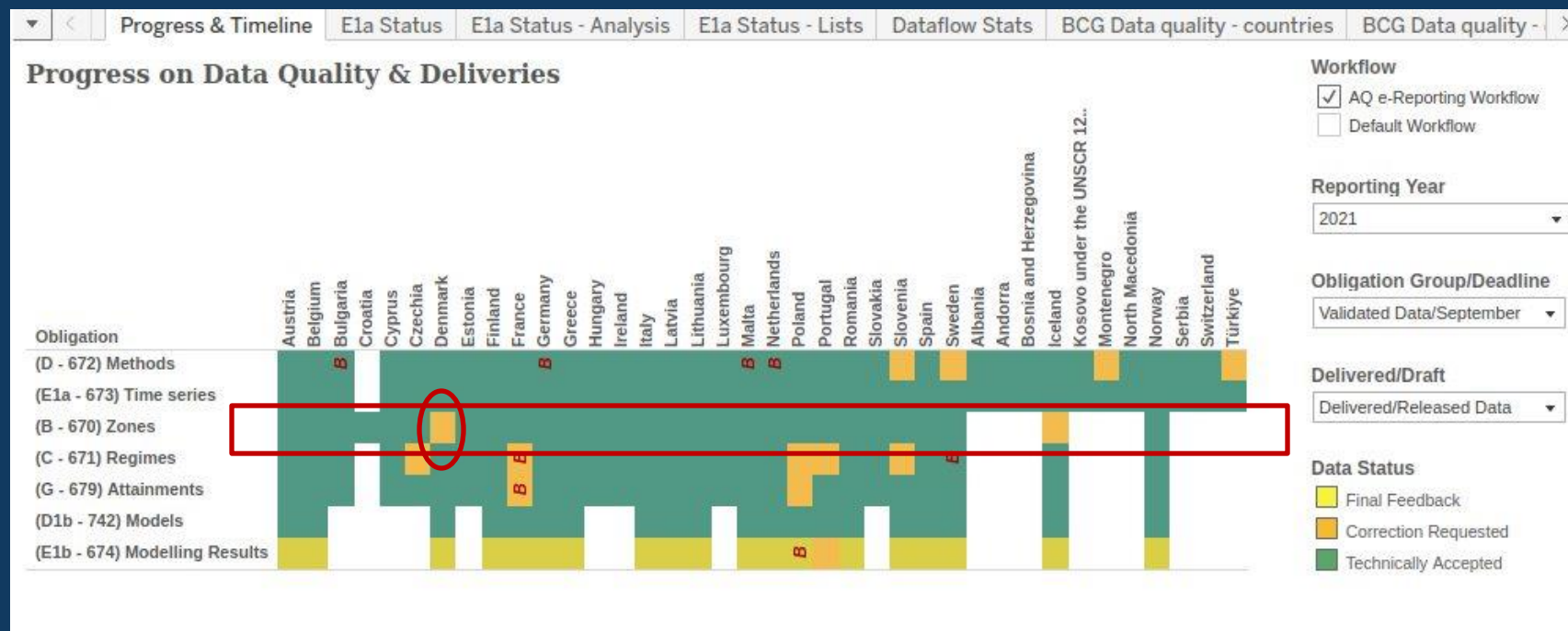


Remaining Errors B-G – Dataset D

- ***D03b – Missing features from previous submissions (SPO, SPP, etc.)***
- ***D37b, D45 – Activity period specification***
- ***D76, D77 missing distance from Building/Kerb traffic SPOs***
- ***D97 change of SPOs location***



Remaining Errors B-G – Dataset B



Remaining Errors B-G – Dataset B

- B11b – Check that the total area of zones declared for different pollutant is consistent**

B11

The sum of the population of different zones for expected combinations of Pollutant and ProtectionTarget must be within +/-5%

12 recordissues foundHide records

pollutant	protectionTarget	PopulationSum	Status	PopulationDD-5	PopulationDD+5
1	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	342347	OK	315903	349155
7	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	349154	OK	315903	349155
8	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	342347	OK	315903	349155
5	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	342347	OK	315903	349155
6001	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	342347	OK	315903	349155
10	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	349154	OK	315903	349155
20	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	349154	OK	315903	349155
5012	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	349154	OK	315903	349155
5018	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	349154	OK	315903	349155
5014	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	349154	OK	315903	349155
5015	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	349154	OK	315903	349155
5029	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	349154	OK	315903	349155

B11b

The sum of the population of different zones for expected combinations of Pollutant and ProtectionTarget must not differ substantially between themselves

1 recordissue foundHide records

Minimum population	Maximum population	Population difference
342347	349154	6807

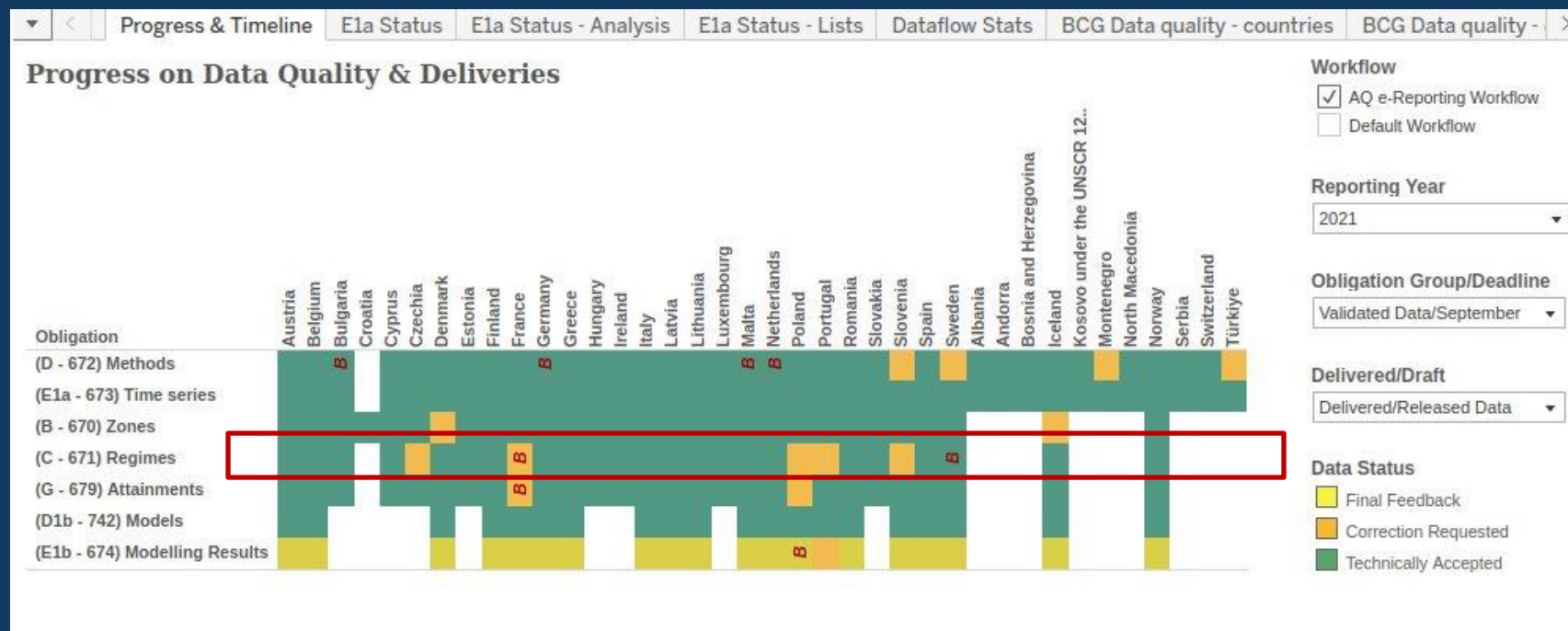
Concept: IS.EA-Iceland.AQ in the namespace vocabulary

[← Back to vocabulary](#)

Concept URI	http://dd.eionet.europa.eu/vocabulary/aq/namespace/is
Preferred label	IS.EA-Iceland.AQ
Definition	Namespace for Iceland for reporting air quality information under Decision 2011/850/EC
Notation	IS.EA-Iceland.AQ
Status	Valid
Status Modified	17.06.2021
Accepted Date	17.06.2021
Not Accepted Date	
Surface Area	103001
Alternative label	IS.EA-Iceland.AQ [en]
Preferred label	IS.EA-Iceland.AQ [en]
In country	IS (Iceland) in common/countries
LongitudeMin	-25.32618405
LongitudeMax	-12.60973223
LatitudeMin	62.49638296
LatitudeMax	67.5267923
Population	368792
Area in square meters	50
PopulationDifference	3680
AreaDifference	50



Remaining Errors B-G – Dataset C



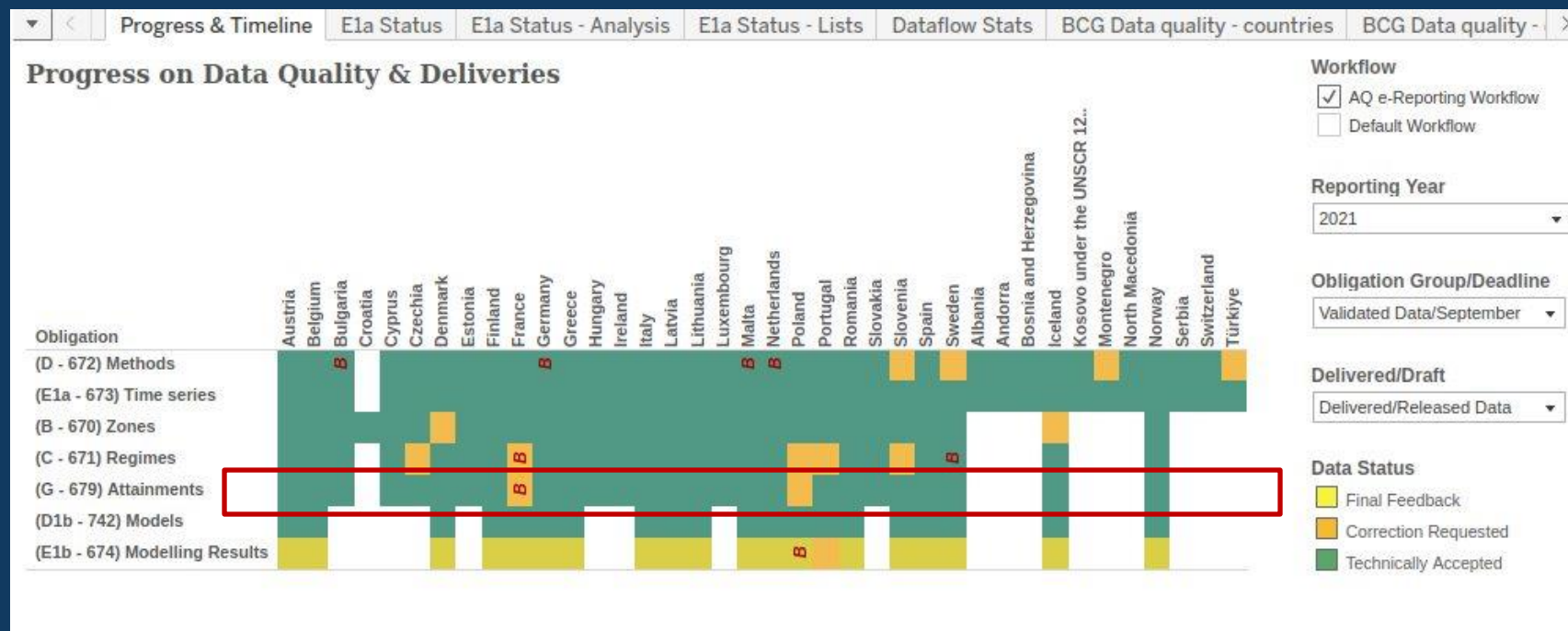
Remaining Errors B-G – Dataset C

- **C39 – Continuity of Sampling Point used in AEI**
- **C26 – Missing or non-operational Assessment Methods**
- **C11 – Missing Assessment Regimes compared to B**

C11	Check discrepancies between the expected Assessment Regime combinations based on dataflow B - Zones (latest released same reporting years) ¹					26 invalid value found	Hide records
	pollutant code	pollutant	protection target	zone	environmental objective	error message	Sparql
	6001	Particulate matter < 2.5 µm (aerosol)	H	ZON-FR32ZAR04	Pollutant 6001, Target H	Combination from B missing in C	Sparql



Remaining Errors B-G – Dataset G



Remaining Errors B-G – Dataset G

- **G89 E1a data for Sampling Point declared in C was not delivered**
- **G84 compare Attainment declaration with thresholds**
- **G14 – Consistency between B,C and G**

G14

COUNT number zone-pollutant-target combination to match those in dataset B and dataset C for the same reporting Year

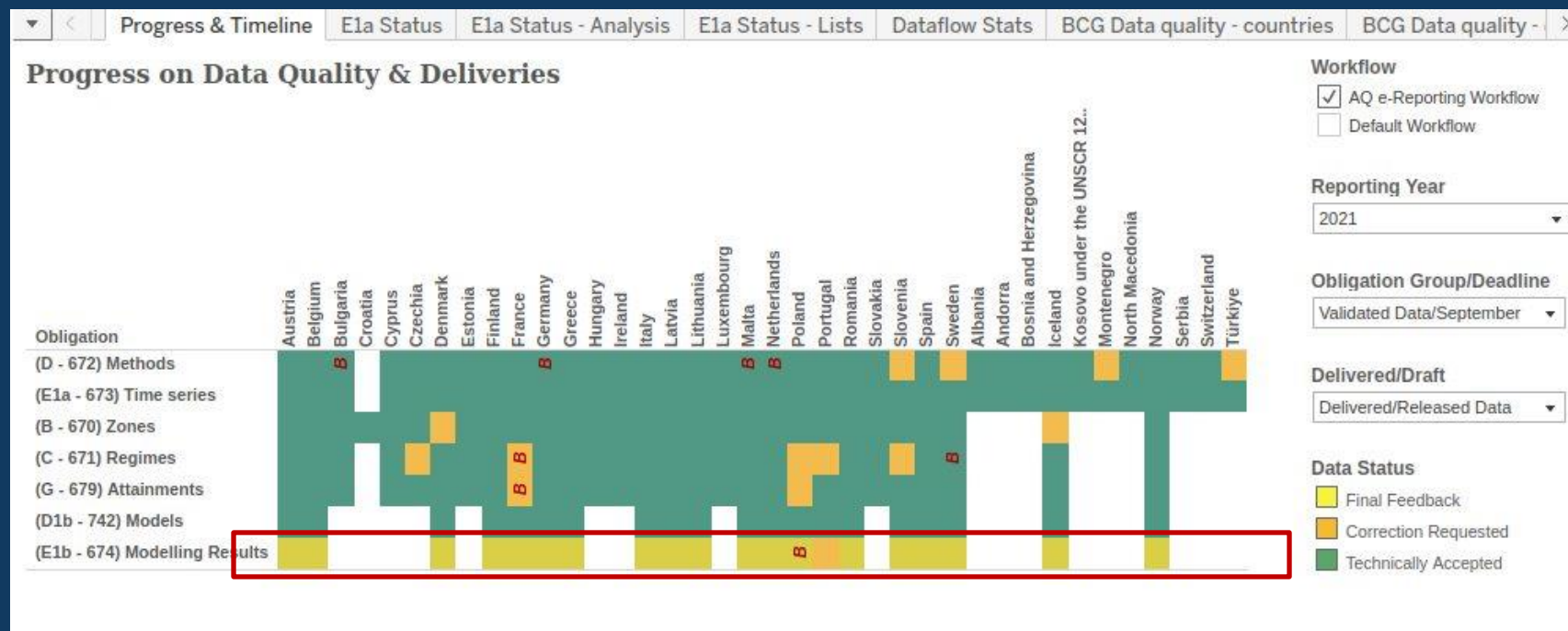
15 record found

[Hide records](#)

Pollutant Name	Protection Target	Count B	Count C	Count G	Sparql
Arsenic in PM10 (aerosol) (5018)	http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget/H	76	74	74	Sparql



Remaining Errors B-G – Dataset E1b



Remaining Errors B-G – Dataset G

- ***Eb43– Missing projection file .prj for shapefile submissions probably QA not functioning***
- ***Other errors not identified by QA***



E1a and Aggregations



E1a and Aggregations



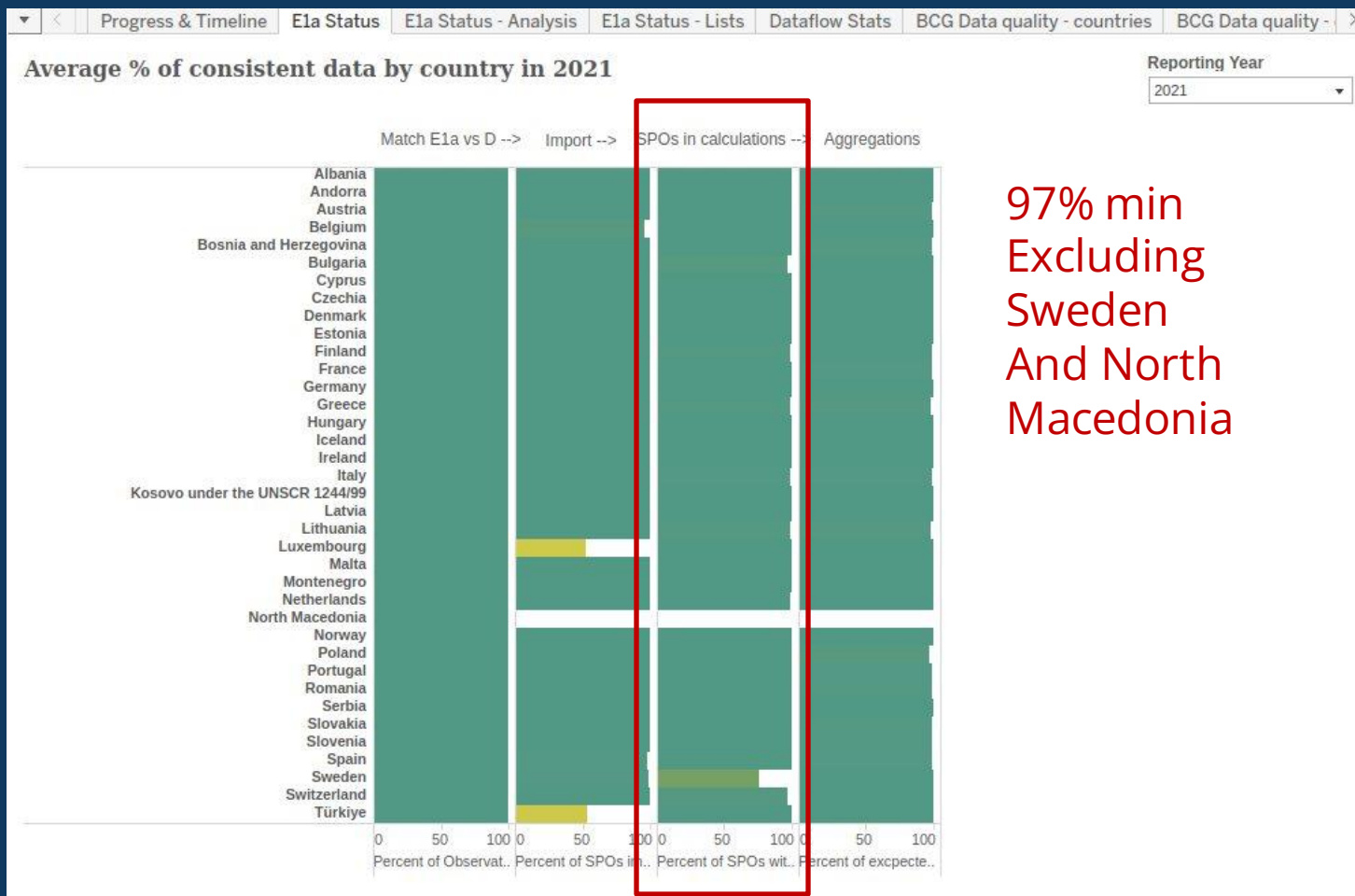
We are transitioning from a system based on db on premises to a full cloud based one

The two columns on the left represent the import in the db

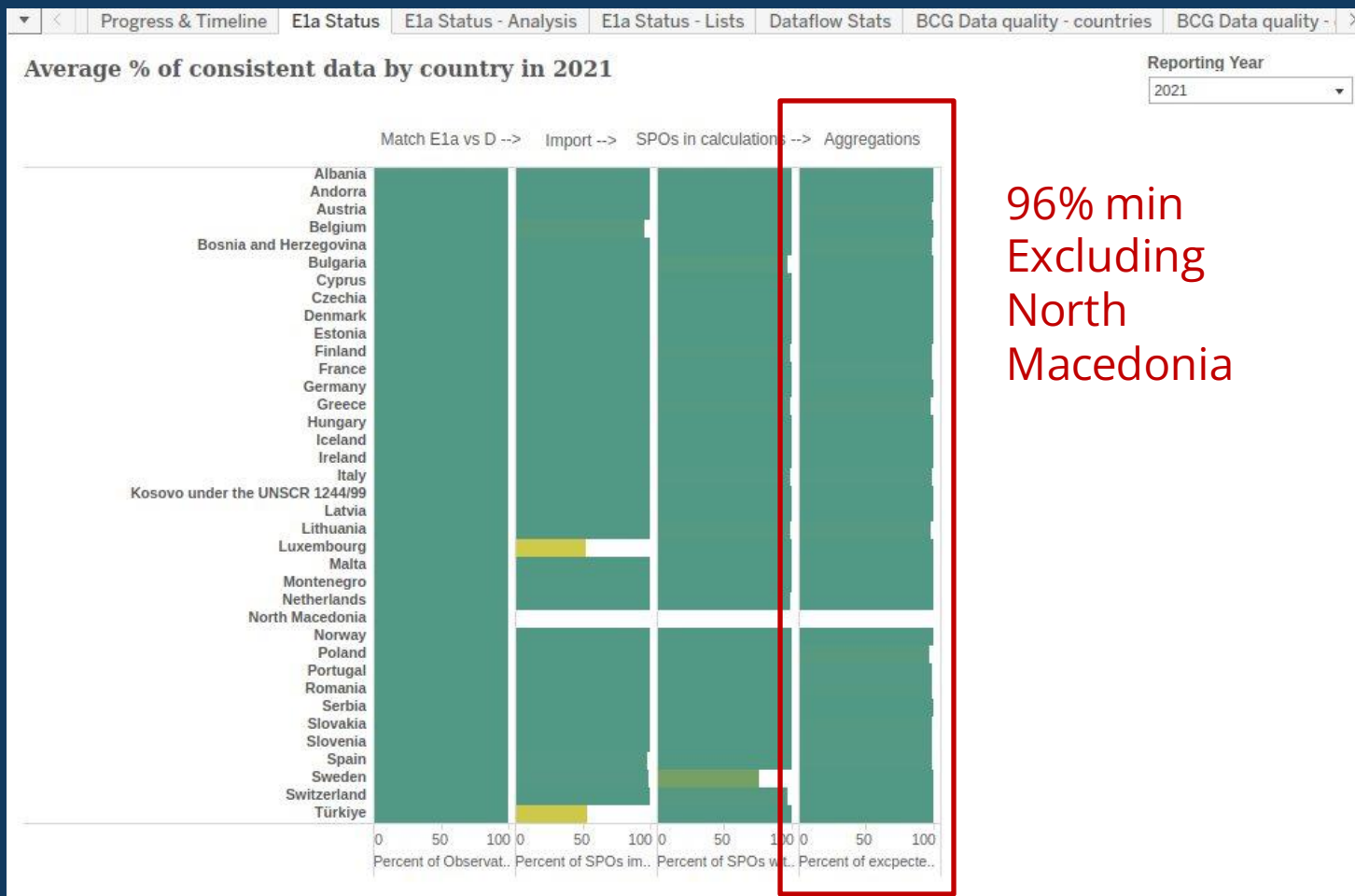
The two on the right the aggregation process in the cloud



E1a and Aggregations



E1a and Aggregations



Issues in EEA Infrastructure



Issues in EEA Infrastructure

- *FME update at the end of August had unexpected impact on many processes/viewers*
- *Backlog in CDR at the beginning of September*
- *Changes in security policy in CDRTEST*
- *Late implementation of AEI related checks*



Next Steps



Next Steps

- ***Continue to verify E1a and Aggregations using online tools (check E1a, Statistical Viewer) and status report***
- ***Incorporation in products by mid-January 2023***
- ***H-K and preliminary B-C will be discussed in Day 2***



Thank you for your attention!

