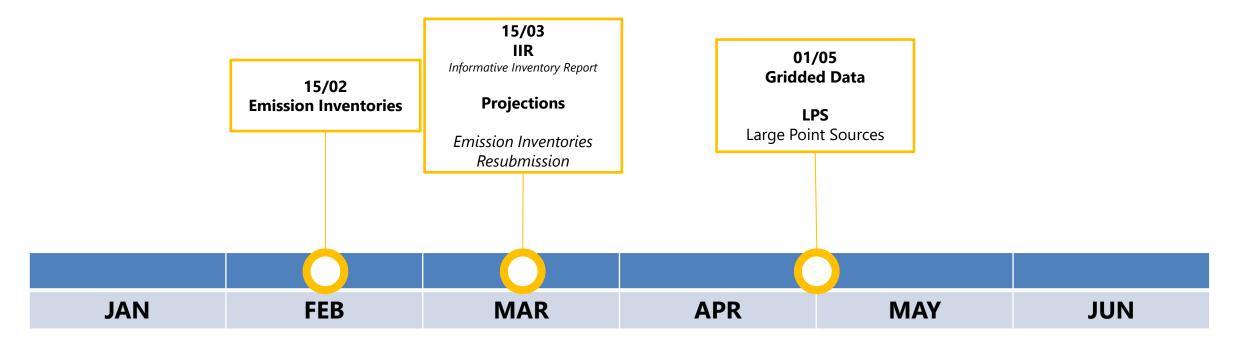
Reporting emissions data under NEC Directive and LRTAP Convention in 2021

Federico Antognazza Officer - Industry and air pollution data flow handling HSR2 – Sustainable Resource Use and Industry federico.antognazza@eea.europa.eu



2021 Reporting Cycle





Reporting Directory

https://cdr.eionet.europa.eu/cc/eu/necd/

https://cdr.eionet.europa.eu/cc/un/clrtap/

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EIONET Central Data Repository		EIONET Central Data Repo	sitory		
You are here: Eionet» CDR» Italy»	European Union (EU) obligations» National Emission Ceilings Directive (NECD 2016/2284/EU)		You are here: Eionet» CDR» Ital	ly» United Nations (UN)» Convention on Long-range Transboundary Air Pollution	
Services	Overview Task list Edit properties List of reporters		Services	Overview Task list Edit properties List of reporters	
 » Search by obligation » Search XML files 	National Emission Ceilings Directive (NECD 2016/2284/EU)		 » Search by obligation » Search XML files 	Convention on Long-range Transboundary Air Pollutio	n
» Search for feedback » Global worklist	Envelopes and subcollections		 » Search for feedback » Global worklist 	Envelopes and subcollections	
» Notifications » Help	A. National emission inventories	15 Jan 2021	» Notifications » Help	A. National emission inventories (CLRTAP)	25 Feb 2020
» Manage	B. Informative Inventory Report	21 Mar 2020	» Manage	B. Informative Inventory Report (CLRTAP)	21 Mar 2020
» Administration	C. Adjustment	19 Sep 2018	» Administration	C. Adjustment (CLRTAP)	10 Jan 2019
Account Services	D. National gridded data of emissions	30 Jan 2020	Account Services	D. National gridded data of emissions (CLRTAP)	10 Jan 2019
» I have lost my	E. Large point source (LPS) emissions data	30 Jan 2020	» I have lost my	E. Large point source (LPS) emissions data (CLRTAP)	21 Mar 2020
password	E. Projected emissions	06 Mar 2019	password	E. Projected emissions (CLRTAP)	14 Mar 2019
→ Note	G. National air pollution control programmes	14 Mar 2019	→ Note	Cut Copy Delete	
	H. Policies and measures	01 Apr 2019	Subscribe to receive		
Subscribe to receive notifications if you want	I. Network of impact monitoring sites	29 Mar 2019	notifications if you want		
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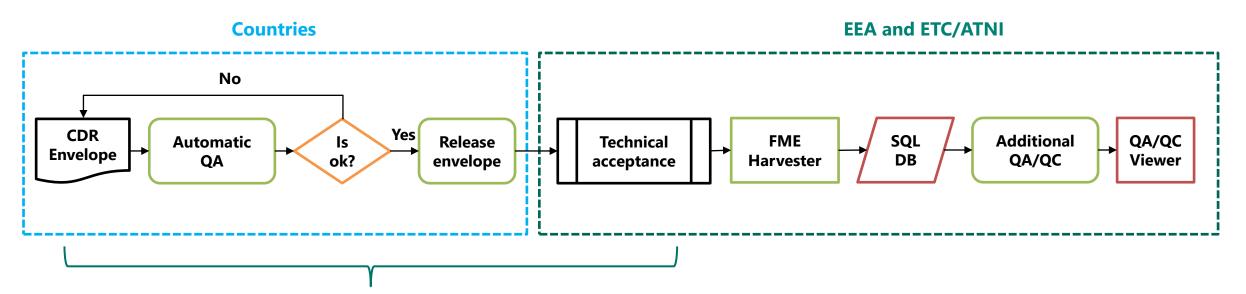
• Remember to report the correct file under the relevant obligation

 Please be aware of resubmission deadline: 15th March (for emission inventories)



Improved QA on data reporting

Updated workflow



A set of automatic QAs is enabled on the following obligations for both NECD and LRTAP before the release of an envelope

- Emission Inventory
- Adjustments
- Projections
- Gridded data
- LPS



Search Austria:s European Union (EU), obligations - National Emission Ceilings Directive (NECD 2016/2284/EU) - C. Adjustment: Test_OA_Adjustment Services	European Environment Agency 🎇	[글> Logout (rep	orter) 👌 🖃 >> Eionet portal
Services Overview Draft delivery Edit properties History > Search Draft delivery > Notifications 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. Add file Account Services 2) Once you are satisfied with the contribution, you choose Release envelope and your delivery will be released to the public. Run Automatic QA > I have lost my password Files in this envelope Files in this envelope Release envelope > Note Quart Annex, VII_Adjustments_summary_template_2020_bad_xtsx AT_Adj_Bad Quart Qu		CDR playground website	
>> Notifications Add hyperfink >> Help 1) Your first step is to <u>upload</u> one or more files into this envelope. You can always interrupt your work and continue upload zipfile >> Manage 2) Once you are satisfied with the contribution, you choose <u>Release envelope</u> and your delivery will be released to the public. >> I have lost my password Files in this envelope >> Note Release envelope Subscribe to receive notifications if you want to stay updated about events in this site. AT_Annex_VII_Adjustments_summary_template_2020_bad.xlsx AT_Adj_Bad 03 22.4 KB Peedback for this envelope No feedback posted in this envelope No feedback posted in this envelope No feedback posted in this envelope			
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1. Upload the relevant file into a CDR Folder

2. Select "Run Automatic QA"



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EIONET CDR Testing	CDR playground website	
ou are here: Eionet» CDRTEST» Fra	ance» European Union (EU), obligations» National Emission Ceilings Directive (NECD 2016/2284/EU)» E. Large point source (LPS) emissions da	ta» test_1
Search	test_1	Zip envelope
Notifications	Description	Activate task
Help Manage	Obligations <u>National Emission Ceiling Directive (NECD) - Large point source (LPS) emissions data by source</u> category (GNFR)	
ccount Services	Period 2020 - Not applicable	
I have lost my	Coverage France	
Note	Status Task(s) waiting to be assigned: <u>Activate task: <i>Draft</i></u> (Draft delivery) The last AutomaticQA run has flagged this envelope as unfit for release.	
Subscribe to receive	→ Note	
notifications if you want to stay updated about events in this site.	If you want to stay updated about events in this envelope <u>Subscribe to receive notifications</u> for this country dataflow(s).	and the current
→ Your password	Files in this envelope 1 Annex_VI_LPS_emissions_FR_2015_D_bad.xls FR_LPS_Bad 09 Nov 2020 366 KB	
The Eionet password	Remember to release the envelope when you have uploaded all files	
expires two years after it was last changed.	[BLOCKER] <u>AutomaticQA result for: LpsNEC</u> (Posted automatically on 09 Nov 2020)	
cument last modified 2020/11		

- 1. If the submission has problem an error message is provided
- 2. Select "Automatic QA result" to check which are the problems



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EIONET CDR Testing	CDR playground website	
You are here: Eionet» CDRTEST» Fr	ance» European Union (EU), obligations» National Emission Ceilings Directive (NECD 2016/2284/EU)» E. Large point source (LPS) emissions da	ta» test_1
» Search	test_1	Zip envelope
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	→ Note	
Subscribe to receive notifications if you want to stay updated about events in this site.	If you want to stay updated about events in this envelope <u>Subscribe to receive notifications</u> for this country dataflow(s).	and the current
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- 3. If the submission has problem an error message is provided
- 4. Select "Automatic QA result" to check which are the problems



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	~	~	*	`	*	
	WARNING	A2	File	File link	Check if the pollutant in the sheets are valid	
	WARNING	A2	File	File link	Check if the pollutant in the sheets are valid	
	WARNING	G2	Sheets	File link	Check if YEAR field is filled	
	WARNING	G2	Sheets	File link	Check if YEAR field is filled	
	BLOCKER	G4	Sheet	File link	Check if there are duplicated PKs	
	BLOCKER	G4	File	File link	Check if there are duplicated PKs	
	BLOCKER	G5	Sheet	File link	Check if there are errors opening/reading file	
	Showing 1 to 7 of 7 entries					

- 5. A List of QA finding is provided
- 6. Blocker findings need to be corrected to proceed in the submission
- 7. Without blocker the reporter can release the envelope



Automatic QA - Goals

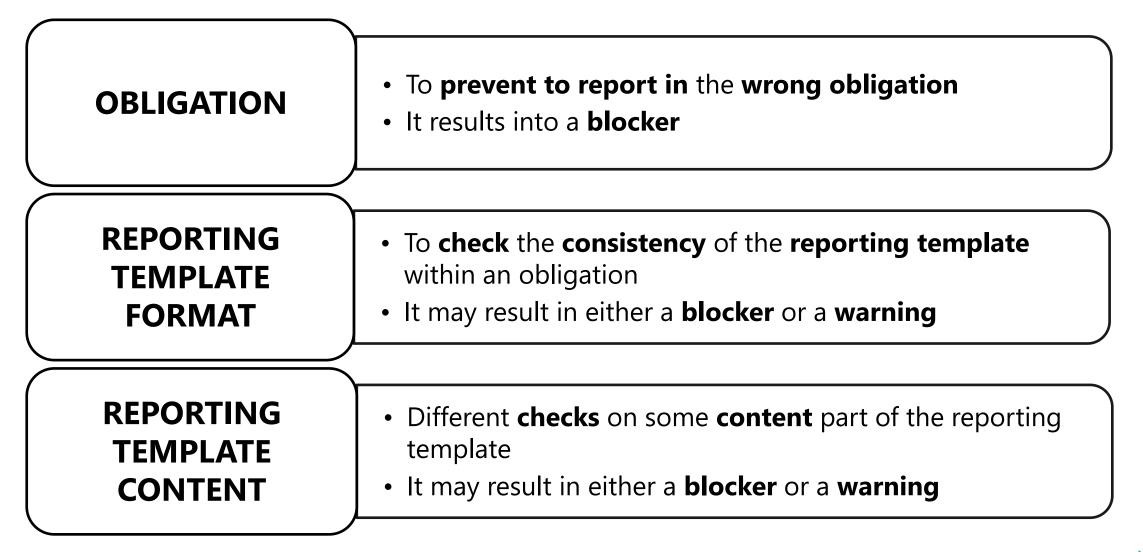
• Improve the quality of the submission

 Provide immediate feedback to reporters on some general characteristic of the submission

• Prevent from reporting *bad* submissions



Automatic QA – Three types of checks





ERROR_ID	Obligation
G1_I	Inventory
G1_A	Adjustments
G1_P	Projections
G1_L	LPS
G1_G	Gridded data

These checks run on the envelope and provide a message to the reporter if the reporting template is not reported in the correct reporting obligation.

They prevent the submission to happen. The reporter has to correct the information in the envelope.



Reporting template format checks

ERROR_ID	Obligation	Description
G2_I	Inventory	
G2_A	Adjustments	Checks every single worksheet and results into a
G2_P	Projections	blocker if <u>none</u> is in the format of the expected
G2_L	LPS	reporting template
G2_G	Gridded data	
G3_I	Inventory	
G3_A	Adjustments	Checks every single worksheet and results into a
G3_P	Projections	warning if <u>some</u> is not in the format of the expected reporting template
G3_L	LPS	
G3_G	Gridded data	



Reporting template content checks

ERROR_II	D Description	Туре	Obligation
G4	Check if cells B4:B7 are properly filled in	BLOCKER	
G5	Check if YEAR in B6 is reported	BLOCKER	
G6	Error in opening/reading file due to wrong format	BLOCKER	
G7	Already existing Year (Cell B6) for this ReportingYear (inform that the user is processing a re-submission)	WARNING	All
G 8	Duplicated information (eg. Country – Year – NFR – Pollutant – Emission) within the same envelope	BLOCKER	

Reporting template content checks

Obligation	ERROR_ID	Description	Туре
Inventory	11	Inform the reporter about the use of old reporting template	WARNING
	12	Check if NFR codes are changed	BLOCKER
Projections	P1	Check if the reporting worksheets (A-WM,B-WM,A- WaM,B-WaM) are reported without duplication/alteration	BLOCKER
	A1	Check consistency and format of Table A, and Table B	BLOCKER
Adjustments	A2	Check Pollutants coherence	BLOCKER
	L1	Check consistency of GNFR Codes (from reporting template)	BLOCKER
LPS/Grid	L2	Check coordinates within boundaries (Long (+/- 180),Lat (+/-90))	BLOCKER



Contacts

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