

CLRTAP/EMEP EMISSION INVENTORY STATUS REPORT 2019

Please send this form duly filled in to the UNECE secretariat:

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Country: Luxembourg

Date of submission: 15/03/2021

Version of submission¹: v2.0

NFRs provided for years: 1990-2019

1. Please indicate: Party to the following Protocols to the Convention:

Protocol	Please indicate since which year or N (no)
1985 Sulphur Protocol	Sig.: 14 Jun 1994 ; rat.: 14 Jun 1996
1988 NOx Protocol	Sig.: 1 Nov 1988 ; rat.: 4 Oct 1990
1991 VOC Protocol	Sig.: 19 Nov 1991 ; rat.: 11 Nov 1993
1994 Sulphur Protocol	Sig.: 14 Jun 1994 ; rat.: 14 Jun 1996
1998 POP Protocol	Sig.: 24 Jun 1998 ; rat.: 1 May 2000
2009 amended version	Acc. : 17 Aug 2011
1998 Heavy Metals Protocol	Sig.: 24 Jun 1998 ; rat.: 1 May 2000
2012 amended version	Acc. : 14 May 2015
1999 Gothenburg Protocol	Sig. : 1 Dec 1999 ; rat.: 7 Aug 2001
2012 amended version	Acc. : 9 Jul 2019

2. The submission includes annual data as follows:

Main Pollutants	Per sector Please indicate for which years or N*	National Totals Please indicate for which years or N	Comments (e.g. other format than NFR, years recalculated, other)
SO _x	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>Small updates/error corrections compared to February 15th submission</u>
NO _x	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>idem</u>
NH ₃	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>idem</u>
CO	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>idem</u>
VOCs	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>idem</u>
PM _{2.5}	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>idem</u>
PM ₁₀	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>idem</u>
Black carbon	<u>N</u>	<u>N</u>	

*N indicates that no information is provided

POP ² s	Per sector Please indicate for which years or N*	Total Please indicate for which years or N	Comments (e.g. other format than NFR, years recalculated, other
HCB	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>Updated timeseries</u>
DIO _x	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>Updated timeseries</u>

¹ Please clearly indicate if this is your first submission in this reporting cycle (v.1) or resubmission (e.g.v.2 or v.3)

² Kindly expand the table if additional POPs reported

PAHs	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>Updated timeseries</u>
HCH	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>Updated timeseries</u>
PCBs	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>Updated timeseries</u>

<u>Heavy³ Metals</u>	Per sector Please indicate for which years or N*	Total Please indicate for which years or N	Comments (e.g. other format than NFR, years recalculated, other)
Cd	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>Updated timeseries</u>
Pb	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>Updated timeseries</u>
Hg	<u>1990 – 2019</u>	<u>1990 – 2019</u>	<u>Updated timeseries</u>

<u>Other</u>	Per sector Please indicate for which years or N*	Total Please indicate for which years or N	Comments (e.g. other format than NFR, years recalculated, other)
<u>TSP</u>	<u>1990 – 2019</u>	<u>1990 – 2019</u>	

3. The submission also includes gridded data, as follows:

<u>Main Pollutants</u>	Please indicate for which years or N	Comments
SO _x	<u>N</u>	
NO _x	<u>N</u>	
NH ₃	<u>N</u>	
CO	<u>N</u>	
VOCs	<u>N</u>	
PM2.5	<u>N</u>	
PM10	<u>N</u>	
Black carbon	<u>N</u>	

<u>POP⁴s</u>	Please indicate for which years or N	Comments
HCB	<u>N</u>	
DIO _x	<u>N</u>	
PAHs	<u>N</u>	

<u>Heavy Metals⁵</u>	Please indicate for which years or N	Comments
Cd	<u>N</u>	
Pb	<u>N</u>	
Hg	<u>N</u>	

<u>Other</u>	Please indicate for which years or N	Comments
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³ Kindly expand the table if additional HMs reported

⁴ Kindly expand the table if additional POPs reported

⁵ Kindly expand the table if additional HMs reported

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3. The submission includes LPS data as follows:

<u>Main Pollutants</u>	Per sector Please indicate for which years or N*	National Totals Please indicate for which years or N	Comments (e.g. other format than NFR, years recalculated, other)
SO _x	<u>N</u>	<u>N</u>	
NO _x	<u>N</u>	<u>N</u>	
NH ₃	<u>N</u>	<u>N</u>	
CO	<u>N</u>	<u>N</u>	
VOCs	<u>N</u>	<u>N</u>	
PM2.5	<u>N</u>	<u>N</u>	
PM10	<u>N</u>	<u>N</u>	
Black carbon	<u>N</u>	<u>N</u>	

*N = not provided

<u>POPs</u>	Per sector Please indicate for which years or N*	Total Please indicate for which years or N	Comments (e.g. other format than NFR, years recalculated, other
HCb	<u>N</u>	<u>N</u>	
DIO _x	<u>N</u>	<u>N</u>	
PAHs	<u>N</u>	<u>N</u>	

<u>Heavy Metals⁶</u>	Per sector Please indicate for which years or N*	Total Please indicate for which years or N	Comments (e.g. other format than NFR, years recalculated, other
Cd	<u>N</u>	<u>N</u>	
Pb	<u>N</u>	<u>N</u>	
Hg	<u>N</u>	<u>N</u>	

4. We have run REBPDAB on our submission (Y/N) __N__

5. The Informative Inventory Report will be submitted by 15 March (Y/N) _Y_

6. We plan to submit adjustment application(s) for the following pollutants and sectors (add rows as needed) :

<u>Pollutant</u>	<u>Sector</u>	<u>Years</u>	<u>Comments</u>
NO _x	<u>1A3b</u>	<u>2010-2019</u>	<u>Applied in 2015; renewed and granted in 2016 - 2020 (2010-2018).</u>
NO _x	<u>3B & 3D</u>	<u>2010-2019</u>	<u>Applied in 2016; renewed and granted in 2017-2020 (2010-2018).</u>
NMVOc	<u>3B & 3D</u>	<u>2010-2019</u>	<u>Applied in 2015; renewed and granted in 2016-2020 (2010-2018).</u>

⁶ Kindly expand the table if additional HMs reported

7. Please contact Dr. Marc Schuman in the event of any discrepancy in the data submission:

- E-mail address: marc.schuman@aev.etat.lu
- Telephone: (+352)405656-553

If different from above: Please contact Mr/Ms _____: for any queries on the IIRs:

- E-mail address:
- Telephone: