

Extended guidance on reporting of national totals in the Annex I Emissions reporting template ‘National Totals – Line 141’ and ‘National Totals for compliance – Line 144’ and on adjustment reporting

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Introduction

In recent years, Parties of the LRTAP Convention and the NEC Directive reported their inventory rather heterogeneously, especially **line 141 (national totals) and 144 (national totals for compliance) of the Annex I Emission reporting template**. This caused several problems. In some cases, countries are obliged to report or want to report for different geographical areas. Transparency is limited when it is not fully clear, what data are reported in what line. Further, manipulations of the National Total for compliance, like the subtraction of applied adjustments, complicate comparability with ceilings and data from other countries. These different reporting manners have to be handled when compiling data of all countries – and automatic data manipulation is hardly practicable when reporting is highly inconsistent.

During the EMEP SB meeting in September 2017 it was agreed that Annex I will be revised to reflect transition of EMEP to the new domain¹ (geographic area between 30°N-82°N latitude and 30°W-90°E longitude²), approved adjustment applications and base for compliance (fuel

¹ http://www.ceip.at/new_emep-grid/

² *Guidelines for reporting emissions and projections data under the Convention on Long-range Transboundary Air Pollution* (III. Definitions, para 14): “The Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe (EMEP) domain covers the geographic domain between 30°N–82°N latitude and 30°W–90°E longitude.”

used emissions) for some countries. This will enable transparent reporting also for countries with specific conditions. For the transition period, CEIP in cooperation with EEA (ETC/ACM) drafted these short reporting recommendations for reporting of 'National Totals – Line 141' and 'National Totals for compliance – Line 144' within the Annex I Emission reporting template.

Additional, Parties are encouraged to also use the **RepDab check** on the CEIP website to check format, consistency and completeness of their inventories before the submission:

http://www.ceip.at/ms/ceip_home1/ceip_home/repdab_howtouse/

1. Reporting of 'National total for the entire territory (based on fuel sold)' (Line 141 of the Annex I Emissions reporting template):

CLRTAP

Countries are invited to **report data in Annex I rows 14-141 for the EMEP domain only** (although the reporting guidelines³ currently says '... for the entire territory') and clearly indicate this. Please note that emissions reported in Annex I row 14-141 are assumed by CEIP to cover the 'Geographical scope of EMEP', for which monitoring is carried out by CEIP, i.e. data are also used for the development of gridded data which are used in EMEP models and should therefore be consistent with the current EMEP domain⁴.

This means for *France*, *United Kingdom* and the *Netherlands* to report data without the emissions of the overseas departments, and for *Spain* to report data without the emissions of the Canary Islands. For *Portugal*, emissions of the Azores and Madeira should be included, as these islands are located within the new EMEP domain. For countries which are obliged to (e.g. *Spain* NO_x Protocol) or would wish to additionally report data for the **whole national territory**: please use an additional Annex I table clearly indicating what data these are.

Data shall be based on fuel sold only for all Parties. *Austria*, *Belgium*, *Ireland*, *Lithuania*, *Luxembourg*, *the Netherlands*, *Switzerland* and the *United Kingdom* may choose to use the national emission total calculated on the basis of fuels used in the geographic area of the Party as a basis for compliance with their respective emission ceilings (see *Guidelines for reporting emissions and projections data under the Convention on Long-range*

³ The *Guidelines for reporting emissions and projections data under the Convention on Long-range Transboundary Air Pollution* (IV. Scope, para 15) specify that Parties, whose respective national territory have a part that overlaps with the EMEP emissions reporting grid and another part lying outside the EMEP domain should explicitly indicate if they refer to: (a) the entire national territory or (b) that part of the territory overlapping with the EMEP emission reporting grid or both (a) and (b). However, for comparing the National Totals reported in Line 141 with National Totals for Compliance (Line 144), data manipulations and data checks it is of high interest for CEIP that Parties report for the EMEP domain only.

⁴ "Geographical scope of EMEP" means the area defined in article 1, paragraph 4, of the *Protocol to the 1979 Convention on Long-range Transboundary Air Pollution on Long-term Financing of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe (EMEP)*, adopted at Geneva on 28 September 1984: "Geographical scope of EMEP' means the area within which, coordinated by the international centres of EMEP, monitoring is carried out."

Transboundary Air Pollution, V. Methods, A. Emission estimation methods and principles, para 23). These Parties may additionally report fuel used emission data in line 144 'National Total for Compliance' (see below).

Please be aware that the reported National Totals (Line 141) should equal to the sum of the NFR categories (Lines 14-140).

NECD

Please **report only in the geographical scope of the NEC Directive⁵** (although it says '... for the entire territory') and clearly indicate this in your IIR. This means for *France* to report data without the emissions of the overseas departments, for *Spain* to report data without the emissions of the Canary Islands, and for *Portugal* to report data without the emissions of the Azores and Madeira (For *Portugal* this means that reporting differ to the reporting under the LRTAP Convention). However, if you would like to additionally report data for the **whole national territory**: please use an **additional Annex I table** clearly indicating what data these are.

Data shall be based on fuel sold only for all Parties. *Austria, Belgium, Ireland, Lithuania, Luxembourg, the Netherlands, Switzerland* and the *United Kingdom* may choose to use the national emission total calculated on the basis of fuels used in the geographic area of the Party as a basis for compliance with their respective emission ceilings (see *Directive (EU) 2016/2284 of the European Parliament and of the Council of 14 December 2016 on the reduction of national emission of certain atmospheric pollutants, amending Directive 2003/35/EC and repealing Directive 2001/81/EC*: Annex IV, part 1, para 4). These Parties may additionally report fuel used emission data in line 144 'National Total for Compliance' (see below).

Please be aware that the reported National Totals (Line 141) should equal to the sum of the NFR categories (Lines 14-140).

2. Reporting of 'National Total for Compliance' (Line 144 of the Annex I Emissions reporting template):

CLRTAP and NECD

Line 144 can be used for voluntary reporting of **National Totals based on fuel used** (only in the case of *Austria, Belgium, Ireland, Lithuania, Luxembourg, the Netherlands, Switzerland* and the *United Kingdom*) and for **subtracting only of approved adjustments** (see below).

⁵ Article 2, point 2 of the *Directive (EU) 2016/2284 of the European Parliament and of the Council of 14 December 2016 on the reduction of national emission of certain atmospheric pollutants, amending Directive 2003/35/EC and repealing Directive 2001/81/EC*: 'This Directive does not cover emissions in the Canary Islands, the French overseas departments, Madeira and the Azores.'

Further subtractions (e.g. applied adjustments, NO_x and NMVOC emissions from sectors 3B and 3D, etc.) should not be made.

3. Additional data ‘for information’

Sometimes it would be good to include data or text ‘for information’ to the Annex I Emissions reporting template – for example detailed information on emissions on a fuel used basis, or the way in which the national total for compliance (row 144) is derived from the national total (row 141).

If you wish to do so, please use the rows below the table (i.e. row 163 and below). However, please note that this information will not be included in any of the automated data processing. **Reference to this information should therefore be included in either the Annex I data table, or the accompanying IIR.**

4. Reporting of Adjustments

Reporting of approved adjustments (CLRTAP and NECD)

Approved adjustments shall be reported within the **Annex I emission reporting template in Line 143**. Approved adjustments under CLRTAP are listed here:

http://webdab1.umweltbundesamt.at/cgi-bin/adj_GP.pl

Approved adjustments under NECD are listed here (section “Applications for emission inventory adjustments”):

<http://ec.europa.eu/environment/air/reduction/implementation.htm>

Detailed information by pollutant and sector for each *approved adjustment* should be reported using the **Annex VII adjustments summary template**. Within this template, please only use NFR codes without aggregation of sectors.

Parties are invited to declare in agreed format (**Declaration on consistent reporting of Approved Adjustments⁶**) that criteria and methodologies used for calculations are the same as in the year the adjustments were approved. In case of revision of AD or EFs short explanation has to be provided in “Declaration” along with Annex VII. More detailed documentation should be provided in IIR.

Deadline for reporting of approved adjustments is 15 February. All templates are provided at the CEIP website:

http://www.ceip.at/ms/ceip_home1/ceip_home/reporting_instructions/

http://www.ceip.at/ms/ceip_home1/ceip_home/adjustments_gp/

⁶ Consider to use the template published on CEIP website

Further, reporting should be done in a separate adjustments chapter of the **Informative Inventory Report** or in a separate report (Deadline: 15 March). Parties that report adjusted emission estimates shall detail the methodology, data and emission factors for each year used in preparing the adjusted emission estimate. The adjusted emission estimates documented in the Informative Inventory Report shall be identical to those reported in the main worksheet of the NFR reporting template.

Reporting of NEW adjustments (CLRTAP and NECD)

A Party planning an adjustment to its inventory shall indicate this in its notification. The announcement of new adjustments including categories and pollutants concerned shall be made within the **Notification template**. Deadline for the notification is **15 February**.

Until 15 March, supporting documentation⁷ should be provided. In addition, quantitative information shall be submitted in form of **Annex II to the ECE/EB.Air/130**. Please do not report NEW adjustments within the Annex I Emissions reporting template.

The Notification template and Annex II to the ECE/EB.Air/130 are provided at the CEIP website:

http://www.ceip.at/ms/ceip_home1/ceip_home/reporting_instructions/

http://www.ceip.at/ms/ceip_home1/ceip_home/adjustments_gp/

⁷ The IIR template (Annex II to the 2014 Reporting Guidelines) and Technical guidance ECE/EB.Air/130 provide details on required supporting information.