

# Update of reporting templates

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# Background

- During the last EMEP SB meeting it was discussed that the Annex 1 template for reporting of emission should be revised:
  - **to increase transparency of emission reporting** and
  - **to allow Parties to report specific information related to compliance**
- Another aim of this revision is **to allow countries to report activity data together with detailed emissions estimates in excel tables instead of tables in IIR**. This should reduce the work required for up-dating IIRs for Parties and further increase transparency.

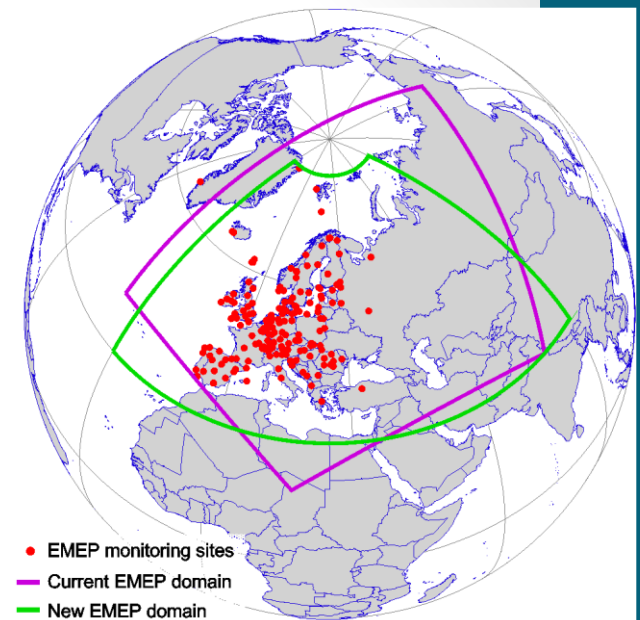
# Proposal distributed for discussion

CEIP in cooperation with the TFEIP chairs updated Annex 1 by:

- adding extra rows for reporting of **diverse national totals**
- adding extra **rows for emissions based on fuel used** in NFR categories (included in Memo items) and
- two options for **reporting of emissions based on fuel type** .

# Scope of reporting

- Geographical scope of EMEP is defined (see EMEP Protocol, Article 1.4): **The geographical scope of EMEP means the area within which, coordinated by the centres of the EMEP, monitoring is carried out**
- At the 36<sup>th</sup> session of the EMEP Steering Body the EMEP Centers suggested to increase spatial resolution of reported emissions from 50x 50 km EMEP grid to **0.1° × 0.1° long-lat** in a geographic coordinate system (WGS84) to improve quality of monitoring (informal Doc 3).
- **EB at its 31<sup>st</sup> session adopted decision 2012/13 on “Changing of the EMEP grid projection, spatial resolution and domain”.**
- **The new EMEP domain covers the geographic area between 30°N-82°N latitude and 30°W-90°E longitude**



# Revised rows 141 -148

## Annex 1 table

<b>NATIONAL TOTAL</b>	National total (based on fuel sold)	(e)	
<b>NATIONAL TOTAL (FU)</b>	National total accounting transport emissions based on fuel used	(f)	
<b>NATIONAL TOTAL (Entire territory)</b>	National total for the entire territory (based on fuel sold)	(g)	
<b>ADJUSTMENTS (Net total) (EMEP)</b>	Sum of approved adjustments (negative value) from Annex VII (EMEP)		
<b>ADJUSTMENTS (Net total) (NECD)</b>	Sum of approved adjustments (negative value) from Annex VII (NECD)		
<b>NATIONAL TOTAL FOR COMPLIANCE (EMEP)</b>	National total for compliance assessment (EMEP)	(h)	
<b>NATIONAL TOTAL FOR COMPLIANCE (NECD)</b>	National total for compliance assessment (NECD)	(i)	

## National total (fuel sold)

NATIONAL TOTAL	National total (based on fuel sold)	(e)
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- (e) **Sum of NFR categories (rows 14-140)**. The geographic area of the National Total corresponds to the **geographical scope of EMEP, which is identical with the NECD territory, except for Portugal** (EMEP domain includes emissions of Madeira and the Azores, but the NECD territory does not cover emissions of Madeira and the Azores).
- **The geographical scope of EMEP means** the area within which, co-ordinated by the centres of the EMEP, monitoring is carried out (see EMEP Protocol, Article 1/4).

## National total fuel used

	NATIONAL TOTAL (FU)	National total accounting transport emissions based on fuel used	(f)
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(f) UNECE reporting guidelines 2014, paragraph 23:  
**The Parties** Austria, Belgium, Ireland, Lithuania, Luxembourg, the Netherlands, Switzerland and the United Kingdom of Great Britain and Northern Ireland 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.

# Row 144 National total for entire territory

**NATIONAL TOTAL**  
**(Entire territory)**

National total for the entire territory (based on fuel sold)

(g)

(g) Emission of the entire territory (based on fuel sold)

Optional for some countries/protocols



# Rows 145, 146 & Annex VII approved adjustments

ADJUSTMENTS (Net total) (EMEP)	Sum of approved adjustments (negative value) from Annex VII (EMEP)
ADJUSTMENTS (Net total) (NECD)	Sum of approved adjustments (negative value) from Annex VII (NECD)

To be filled in only by countries with approved adjustments

[http://webdab1.umweltbundesamt.at/cgi-bin/adj\\_GP.pl?p\\_iso2B=ALL&p\\_subm\\_yearB=2018&p\\_pollutantB=ALL](http://webdab1.umweltbundesamt.at/cgi-bin/adj_GP.pl?p_iso2B=ALL&p_subm_yearB=2018&p_pollutantB=ALL)

## Annex VII

Provides more detailed info on sectoral level, but reported aggregated like 1A3b or even 1A3

**For efficient review emissions should be reported on NFR level like 1A3bi, 1A3bii,... but Parties do not follow instructions**

**Do we need /would like to revise Annex VII ?**

## National totals for compliance

<b>NATIONAL TOTAL FOR COMPLIANCE (EMEP)</b>	National total for compliance assessment (EMEP)	(h)
<b>NATIONAL TOTAL FOR COMPLIANCE (NECD)</b>	National total for compliance assessment (NECD)	(i)

- (h) The 'National Total for Compliance EMEP' includes any aggregated combination of i) approved adjustments to national totals; ii) national totals based on transport fuel sold /fuel used for countries (see footnote e) ; iii) territory declared upon ratification of the relevant Protocol of the Convention.
- (i) The 'National Total for Compliance NECD' includes any aggregated combination of i) approved adjustments to national totals; ii) national totals based on transport fuel used for territory declared upon the NECD Article 2.2.

# Emissions based on fuel

z_Memo	1A3	Transport (fuel used)
	1A3ai(i)	<i>International aviation LTO (civil)</i>
	1A3aii(i)	<i>Domestic aviation LTO (civil)</i>
	1A3bi	<i>Road transport: Passenger cars</i>
	1A3bii	<i>Road transport: Light duty vehicles</i>
	1A3biii	<i>Road transport: Heavy duty vehicles and buses</i>
	1A3biv	<i>Road transport: Mopeds &amp; motorcycles</i>
	1A3bv	<i>Road transport: Gasoline evaporation</i>
	1A3bvi	<i>Road transport: Automobile tyre and brake wear</i>
	1A3bvii	<i>Road transport: Automobile road abrasion</i>
	1A3c	<i>Railways</i>
	1A3di(ii)	<i>International inland waterways</i>
	1A3dii	<i>National navigation (shipping)</i>
	1A3ei	<i>Pipeline transport</i>
	1A3eii	<i>Other (please specify in the IIR)</i>

# Options / Questions

1. Keep structure which allows reporting under **CLRTAP and NECD in one (Excel) table**
2. **(Split reporting under CLRTAP and NECD)**
3. **Move to more up-to-date system ;**
  1. **when**
  2. **complexity .....**
  3. **(who provides resources ? )**

# Options / Questions cont.

- Report /Not report extended **info on fuel used in Annex 1** ?
  
- Provide information on **emissions per fuel type** ?
  1. Excel format: extend table 1 ?
  2. Excel file Separate table(s) ?
  3. Continue with tables in IIR (pdf, word) ?
  
- Do we need to develop / would like to have **system for reporting of AD and EF** in excel/other system instead of in IIRs (long term) ?
  
- Is there a need to revise **Annex VII** .....
  
- .....

# Next steps /time schedule

- Create a **working group** which should help to finalise/test the templates
- Depending on the progress with the tables :
  - might be finalised before EMEP SB meeting and approved in Sept 2018 or
  - might be presented during SB meeting in September 2018, finalised before TFEIP 2019 and approved during SB meeting 2019.
- Consult/ harmonize approach with the EU/EEA (NECD reporting)

# CONTACT & INFORMATION

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TFEIP Meeting - Workshop

Sofia ● 25.04.2018