

Adjustment review EMEP

Formal outcome of the 2017 review

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Adjustments under the GP

(item 1.7.1)

- Parties may apply to adjust their emission reduction commitments or inventory data in **extraordinary circumstances**, as defined in the EMEP Executive Body decisions 2012/3 and 2012/4 (ECE/EB.AIR/111/Add.1) and *amended by EB decision 2014/1*.
 - (a) **Emission source categories** are identified that were not accounted for at the time when the emission reduction commitments were set;
 - (b) **Emission factors** used to determine emissions levels for particular source categories for the year in which emissions reduction commitments are to be attained are significantly different than the emission factors applied to these categories when emission reduction commitments were set;
 - (c) **The methodologies** used for determining emissions from specific source categories have undergone significant changes between the time when emission reduction commitments were set and the year they are to be attained.

Adjustment review

(item 1.7.1)

(EMEP workplan 2016-17, item 1.7.1)

- Mandate to EMEP SB and CEIP to organise the review of adjustments provided in EMEP work plan 2016 - 2017 ([ECE/EB.AIR/122/ADD.2](#), item 1.7.1).
- All submitted adjustment applications are subject to an expert review
 - **Assessment of formal criteria (CEIP)**
 - **Assessment of consistency with requirements of EB decision 2012/3 , 2012/4 amended by 2014/1 (ERT)**
 - **Assessment of the quantification of the impact of the revision (ERT)**
- The initial checks and coordination of the review is performed by CEIP
- **The technical review** of adjustments should be conducted by ERT – reviewers are selected from the EMEP roster of review experts

Adjustment application

- A Party planning an adjustment to its inventory for the purpose of comparing total national emissions with emission reduction commitments shall **indicate categories and pollutants concerned to the UNECE secretariat and CEIP in its notification** - deadline for notification is **15 February**.
- **Supporting documentation** shall be provided in IIRs or in a separate report latest **by 15 March**. The IIR template (Annex II to the 2014 Reporting Guidelines) lists the required supporting information.
- **Additional quantitative information** shall be submitted in Appendix B1 to the Adjustment Guidance (Excel template).

Reporting of approved adjustments

- **Annex VII**

- Parties shall report *details of their approved adjusted aggregated emissions* **by 15 February**, using the appropriate row (143) contained in the main emissions reporting template ([Annex I](#)) as well as report detailed information by pollutant and sector for each adjustment using the template provided in [Annex VII](#) to reporting Guidelines.

- **Declaration of consistency**

- Parties are invited to **declare in agreed format** that the methods/emission actors and activity data used for calculations of emissions are the same as in the year the adjustments were approved.

- **Parties have to provide detailed explanatory information if they recalculate emissions** due to shift to higher Tier method, they do improve activity data or move to country specific methods

- *Reporting of information on adjusted emissions in no way removes the mandatory requirement for Parties to report unadjusted emissions as laid down in section V, subsections A to D, of these Guidelines.*

Adjustment applications 2017

(item 1.7.1)

country	date of notification/a pplication	Notificatio n form	Annex VII	decalratio n of cons	B1 excel file	Sector as listed in notification form	Pollutant	Years	status
BE	28.02.207 or 4.3.2017	x	x	x	NA	1A3bi- iv Road Transport	NOx	2010-2015	approved 2016
		x	x	x	NA	3B Manure management	NOx, NMVOC	NOX 2010 -2015, NMVOC only 2010	approved 2016
		x	x	x	NA	3Da1, 3Da2a Agriculture	NOx	2010-2015	approved 2016
		x	x	x	NA	3De Agriculture	NMVOC	2010	approved 2016
FRA	10.02.2017		x	x	NA	1A3bi-iv Transport	NOx	2010-2015	approved 2016
FI			x	x	NA	1A3bi-iv Transport	NH3	2010-2015	approved 2016
			x	x	NA	1A4ai, bi, ci	NH3	2010-2015	approved 2016
DE	17.02.2017		x	x	NA	1A3b Transport	NOx	2010-2015	approved 2016
			x	x	NA	3B Agro	NOx, NMVOC	2010-2015	approved 2016
			x	x	NA	3Da2c Agro	NOx, NH3	2010-2015	approved 2016
			x	x	NA	3I Agro	NOx, NH3	2010-2015	approved 2016
DK			x	no	NA	3Da1 Agriculture	NH3	2010-2015	approved 2016
			x	no	NA	3De Agriculture	NH3	2010-2015	approved 2016
			x	no	NA	3B Agriculture	NMVOC	2010-2015	approved 2016
LUX	15.02.2017	x	no	no	NA	1A3bTransport	NOx	2010-2015	approved 2016 but recalculated
		x	no	no	NA	3B Agro	Nox , NMVOC	2010-2015	approved 2016
		x	no	no	NA	3D Agro	Nox , NMVOC	2010-2015	approved 2016
ES	16.02.2017	x	NA	x	NA	1A3bi and 1A3biii Transport	NOx	2010-2015	Approved 2016 but recalculated
		x	x		x	3B Manure mangement all	NOX, NH3	2010-2015	NEW
		x	x		x	3Da1 Inorganic fertilizers	NH3	2010-2015	NEW

Adjustment review 2017

(item 1.7.1)

1. **CEIP did organise the review of 1 new submitted adjustments and 7 Parties (24 cases) adjustments approved in 2016** by setting up the review teams, preparing data for reviewers and updated templates for the reviewers.
2. The **2017 adjustment review** was performed parallel with the Stage 3 review.
 - a. Desk Review April – May
 - b. Coordinating meeting 20-24 June in CPH
3. **9 sectoral** experts plus **1 lead** reviewer assessed submitted adjustment and completed relevant documentation. CEIP stored all documentation submitted by countries on its website. (demand 0.5-5d/expert)
4. Conclusions and recommendations of the review team have been summarised in **CEIP status report to EMEP SB Review of adjustment applications** (ECE/EB.AIR/GE.1/2017/10–ECE/EB.AIR/WG.1/2017/20).
5. **DB system** for “easy” check of submitted adjustments was further improved. The administration system stores latest reported information and will serve during next adjustment reviews.
http://webdab1.umweltbundesamt.at/cgi-bin/adj_GP.pl

Recommendations of ERT to EMEP SB

Adjustments approved prior 2017

(item 1.7.1)

The ERT assessed the reported data and concluded that the adjustments met all of the requirements laid out in EB decision 2012/12 and in the Technical Guidance, and therefore recommended that the EMEP Steering Body **ACCEPT** adjustments as reported by countries Belgium, Denmark, Finland, France, Germany, Luxembourg** and Spain.

- ***Within the available resources and time constraints, the expert review team has not been able to determine whether the recalculations of NMVOC emissions from 3B are performed correctly. Information provided by country do not allow fully reproduce the reported values.*
- **The ERT therefore recommends** that the EMEP Steering Body assign this adjustment application (3B -NMVOC) an **OPEN status**. *Luxembourg has to provide additional information for ERT to be able to conclude whether the application should be accepted*

NEW Adjustment applications received in 2017

Country	Sector	NFR	Pollutant	Years	ERT recommendation
Spain	Agriculture	3B	NO _x	2010–2015	Accept
Spain		3B	NH ₃	2010- 2015	*Open
Spain		3D1a	NH ₃	2010 - 2015	Reject
Spain		3Da2a, 3Da3	NH ₃	2010- 2015	*Open

Within the available resources and time constraints, the **ERT has not been able to determine whether the basis for some of the submitted NH₃ applications for the manure management meets all of the requirements laid out in Decision 2012/12 of the Executive Body of the CLRTAP.*

***The ERT therefore recommends** that the EMEP Steering Body assign such adjustment application (NH₃ 3B and NH₃ 3Da2a, 3Da3) an **OPEN status**. **Party has to provide additional information** and for ERT to be able to conclude whether the application should be accepted or rejected.*

Recommendations from the reviewers (item 1.7.1)

- The “[Declaration on consistent reporting of approved adjustments](#)” provided by countries on voluntary bases was evaluated by the reviewers, and was considered to be helpful in making the assessment process more efficient. **It is recommended that EMEP SB recommends countries to submit such statement along with Annex VII on annual base.**
- In [the road transport sector](#) there is a need for Parties to provide transparent **information about the EFs** that have been assumed, particularly when making the “original” emission estimates for years which are beyond the EFs available in the original models. For this calculation, the reviewers consider it **best practice to continue to use Euro4 EFs**, as this reflects the information that was available at the time, rather than EFs which were established after 2010 emission ceilings were agreed.
- Reviewers recognized the need for **more detailed and transparent documentation along with Annex VII if countries recalculate emissions due to shift to [higher Tier method](#)**, they do improve activity data or move to country specific methods. It is important that Parties submit such information in due deadlines as **15 March** to allow efficient review in May/June.

Lessons learnt

- Some Parties still **mix** regular improvements of inventories with adjustments
- Some countries again **mixed reporting** of *approved adjustments* and new *adjustment applications*
 - **Appendix B1** (to Annex II)– reporting of **new** applications
 - **Annex VII** – reporting of **approved** applications
- **Timeliness of reporting - crucial**, desk review starts in April-May, status report for EMEP SB is due by the end of June, country review reports have to be finalised before EMEP SB meeting in Sept
- **Notification form** - Parties shell provide information on planned **new** adj. application per sector and pollutant by **15 February**
- In each of the cases, the ERT determined that **additional information was needed from the Party** to enable a sufficiently detailed review.
- **The 2017 review represents further improvement in the review.** The updated and more comprehensive guidance assisted the Parties and the ERT with the review process although additional information was still required by the ERT from several countries.

Lessons learned cont.

(item 1.7.1)

- It is important that **Parties continue to use the same reporting format for information on previously approved adjustments** i.e. using the same units and the same level of dis/aggregation across the emission source sectors. **The data handling systems** can only process the information provided in different submissions if reported in a consistent way.
- In 2017 there has been a change in the demands on the ERT in that **there are considerably more previously approved adjustments to review**, some significant recalculations and one new application. **This has meant increased demands on the ERT but also for CEIP** to perform initial checks of submitted information and manage the process.
- **The CEIP part has to be partly covered by EMEP budget**

Summary 2017

(item 1.7.1)

- **Review of adjustment applications is resource demanding procedure** (1 LR, 8 sectoral experts, technical support of CEIP and of UNECE secretariat)
- There is a need regularly **update guidance and templates for reporting and review of adjustment applications**, particularly for the transport sector and for transparent reporting if countries move to higher Tiers (Adjustment Guidance, including Annex II for quantitative information).
- Parties have to follow EB/SB decisions and CEIP website.
- Provision of **transparent documentation and timely feedback** by Parties is crucial for the review process.
- **In 2017 there has been a change in the demands on the ERT and CEIP.** There are considerably more previously approved adjustments to review 7 countries (25 cases), and fewer new applications (4 cases).
- However, with three years to draw on, **the review process is now considerably more established, and also more efficient.**

25 adjustment cases (7 Parties) reviewed in 2017

- 22 approved,
- 3 with open status,
- 1 rejected

Information on CEIP website

(item 1.7.1)

http://www.ceip.at/adjustments_gp

NEW: Adjustment Information and Administration Tool

This online DB system compares adjustments approved in previous years with the latest reporting.

Convention on Long-range Transboundary Air Pollution
emep Co-operative programme for monitoring and evaluation of the long-range transmissions of air pollutants in Europe

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UNECE, CLRTAP, EMEP, TFEIP

Adjustments under the GP

Countries

Parties may apply to adjust their emission reduction commitments or inventory data in extraordinary circumstances, as defined in [EMEP Executive Body decisions](#) [PDF, 79KB] [2012/3](#) [PDF, 79KB] and [2012/4](#) [PDF, 6.7KB] (see ECE/EB.AIR/111/Add.1) and amended by EB decision 2014/1.

Reporting Instructions

Check your inventory (RepDab)

Guidance on the application process to adjust either an emission reduction commitment or an emission inventory is available separately in [Executive Body decision 2012/12](#) [PDF, 94KB] (see ECE/EB.AIR/113/Add.1). Additional guidance for Parties and reviewers has been adopted during 33rd EMEP EB meeting in Dec 2014 (informal document No 6).

Status of reporting

WebDab (Emission database)

A **Party planning an adjustment to its inventory** for the purpose of comparing total national emissions with emission reduction commitments shall indicate to the UNECE secretariat and CEIP in its *notification* categories and pollutants concerned. Deadline for notification is **15 Feb.**

Review of Inventories

Review results

Supporting documentation shall be provided in country IIR or in a separate report by **15 March**. The IIR template ([Annex II](#) to the [2014 Reporting Guidelines](#)) lists the required information shall be submitted in form of Excel

Gothenburg protocol

Party applying an adjustment to its inventory for the purposes of comparing total national emissions with emission reduction commitments shall **notify the secretariat** of the adjustment when it submits its annual emission data to EMEP.

The EMEP Steering Body, in conjunction with other appropriate technical bodies under EMEP, will **review** the supporting documentation and assess whether the adjustment is consistent with the circumstances described in paragraph 6 and the guidance to be adopted in accordance with paragraph 7.

The secretariat will

approved adjusted aggregated emissions missions reporting template (annex I), as well as for each adjustment using the template of information on adjusted emissions in no less to report unadjusted emissions as laid out in the guidelines.

Adjustments 2017

One Party (Spain) submitted a new adjustment application in 2017. Seven Parties reported approved adjustments in Annex VII template. The review of submitted applications was performed in period April-June. Recommendations of the expert review team (ERT) to the EMEP Steering Body (SB) are summarized in the CEIP status report [Review of adjustment applications](#) (ECE/EB.AIR/GE.1/2017/10-ECE/EB.AIR/WG.1/2017/20 [PDF]).

BELGIUM	DENMARK	FINLAND	FRANCE	GERMANY	LUXEMBOURG	SPAIN
NA	NA	NA	NA	NA	NA	Application
Annex_VII	Annex_VII	Annex_VII	Annex_VII	Annex_VII	Annex_VII	Annex_VII
Other	NA	NA	Other	NA	Other	NA

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