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GENERAL

CEIP/Adjustment RR/2024/France

03/09/2024

English ONLY

# **Review of the 2024 Adjustment Application**

## **FRANCE**

Expert Review Team Summary Note

**FINAL REPORT**

<b>Report title</b>	Review of the 2024 Adjustment Application by France
<b>Country</b>	France
<b>Report reference</b>	CEIP/Adjustment RR/2024/ France
<b>Date</b>	03/09/2024
<b>Version</b>	Final Report

## Expert Review Team

<b>Role</b>	<b>Sectors</b>	<b>Name</b>	<b>Country</b>
Adjustment lead reviewer	All	Ben Richmond	United Kingdom
Primary expert reviewer	Agriculture [3B, 3D]	Susana Lopez-Aparicio	EU/(EEA/ETC)
Secondary expert reviewer	Agriculture [3B, 3D]	Anđelka Radosavljević	Serbia
Basic checks (Step 1 and 2)	N/A	Sabine Schindlbacher	CEIP

## Content

<b>Content</b> .....	<b>3</b>
<b>1 Introduction</b> .....	<b>4</b>
<b>2 Summary Information</b> .....	<b>4</b>
<b>3 Summary of the assessment of the ERT</b> .....	<b>5</b>
<b>4 Conclusions and Recommendations of the ERT</b> .....	<b>5</b>
<b>5 Information Provided by the Party</b> .....	<b>6</b>
<b>References</b> .....	<b>7</b>

## 1 Introduction

1. As mandated by Executive Body decision 2012/12, applications for adjustments submitted by Parties are subject to expert review. Technical coordination of and support for the 2024 review was provided by the Centre on Emission Inventories and Projections, represented by Ms. Sabine Schindlbacher. The members of the expert review team (ERT) were selected from the experts appointed to the Centre on Emission Inventories and Projections roster of experts by the Parties.
2. The review of adjustments approved prior to 2024 was performed in parallel with the stage 3 review. The ERT for the adjustment review was composed of one lead reviewer, Mr. Ben Richmond (United Kingdom) and two sector experts Ms. Susana Lopez-Aparicio (EU/EEA(ETC)) and Ms. Anđelka Radosavljević (Serbia). Each application was reviewed by two independent sectoral experts during April, May and June 2024.
3. France has submitted an adjustment for emissions from NFR 3B: Manure management and NFR 3D: Agricultural Soils originally approved in 2022. The adjustment has been justified with the explanation that these sources were unknown when the emission reduction commitments were set. The full adjustment review report of the adjustment application submitted in 2022 is available at <https://www.ceip.at/gothenburg-protocol/review-of-adjustments>. This document summarizes the outcome of the review performed in 2024.

## 2 Summary Information

**Table 1: Summary Information on the Submitted Application**

Reasons for adjustment application (Decision 2012/3, para 6)	Emission source categories are identified that were not accounted for at the time when emission reduction commitments were set
Adjustment Application has been originally approved in	2022
Pollutant for which adjustment is applied for	NMVOG
Sector/Pollutant for which adjustment is applied for	3B, 3D
Year(s) for which inventory adjustment is applied	2005, 2020 - 2022
Date of the submission of the previously approved adjustment	9 February 2024
Date of submission of supporting documentation	9 February 2024
Additional information was provided during the review in response to requests from the ERT	12 June 2024
France does not comply with its NMVOG emission reduction commitments listed in Annex II of the Gothenburg Protocol	Yes
France provided information on the impact of the adjustment to its emission inventory, and the extent to which it would reduce the current exceedance and possibly bring the Party into compliance with its emission reduction commitments for the years 2020-2022 for NMVOGs.	Yes
France included information on when it will meet its emission ceiling for NMVOGs in the supporting documentation	Yes

### 3 Summary of the assessment of the ERT

#### 4. NMVOC emissions from NFR 3B: Manure Management and NFR 3D: Agricultural Soils

The reviewers conducted an assessment of the adjustment of NMVOC emissions from NFR 3B: Manure Management and NFR 3D: Agricultural Soils for France, originally approved in 2022. The adjustment has been recalculated in 2024 and the corresponding values present small changes compared to the latest approved version (2023). Specifically, a 1% increase for 3B and below 1% increase for 3D in 2005 emissions compared with values submitted in 2023. For 2021, the difference between emissions submitted in 2023 and 2024 are below 0.2%. France explained that they have updated the fraction of silage due to improved knowledge. This update has entailed a revision of NMVOC emissions compared to 2023 submission. Moreover, France explained that minor revisions since the 2023 submission have occurred due to the availability of updated activity data and new information on anaerobic digestion, which impact the NMVOC calculations. The emissions were estimated using the methodology previously approved by ERT.

The impact of the adjustments on the NMVOC emission inventories of France for the years 2020-2022 in ktonnes is detailed in **Table 2**.

**Table 2: Impact of adjustments on the NMVOC emission inventories of France for the years 2020-2022 in ktonnes**

	Unit	2005	2020	2021	2022
<b>ERC</b>	<b>% of 2005</b>		<b>43%</b>	<b>43%</b>	<b>43%</b>
ERC unadjusted	(kt)		1022.30	1022.30	1022.30
NT for Compliance unadjusted	(kt)	1793.51	1080.23	1076.75	1065.45
<b>Gap to ERC unadjusted</b>	<b>(%)</b>		<b>-5.67%</b>	<b>-5.33%</b>	<b>-4.22%</b>
ERC adjusted	(kt)		786.98	786.98	786.98
Adjusted NT for Compliance	(kt)	1380.66	664.18	682.51	648.04
<b>Gap to ERC adjusted</b>	<b>(%)</b>		<b>15.60%</b>	<b>13.27%</b>	<b>17.65%</b>
Impact of adjustment on NT for Compliance	(kt)	-412.85	-416.05	-394.24	-417.41

### 4 Conclusions and Recommendations of the ERT

5. The reviewers concluded that there had been no change in the methodology that would alter the original approval of the adjustment application and that the application met all of the requirements set out in Executive Body decision 2012/12 and in the Technical Guidance; hence, it is recommended that the adjustment **continue to be accepted**.

## 5 Information Provided by the Party

6. Table 3 lists the information provided by the Party in its adjustment application. The information provided by France can be downloaded from the CEIP website<sup>1</sup>.

**Table 3: Information Provided by the Party**

Filename	Short description of content
annex_ii_a_to_ece- eb.air130_adjustment_application_FR2024. xlsx	<b>MS Excel file</b> with detailed data underlying the proposed adjustment applications for:  Manure Management (3B) and Agricultural soils (NFR 3D)
declaration_on_consistent_reporting_of_ap proved_adjustments_FR.docx	<b>Word document</b> with declaration of consistent reporting of previously approved adjustments
UNECE_France_mars2024.pdf	<b>IIR (2024), pdf-document</b>
UNECE_France_mars2024_English_Translat ed_Version.pdf	<b>IIR (2024), pdf-document</b> ; English translated version of the IIR (2024), here especially: Chapter 11. Commitments, reduction targets and cases of emission levels above the ceilings, section 11.2 Adjustment procedure within the framework of Gothenburg

7. The ERT found it necessary to ask the Party for further information. The information provided is described in Table 4 below.

**Table 4: Additional Information Provided by the Party**

Filename	Short description of content
Answers to questions set up by ERT	Excel file at “Cleverworkplace” - platform at Umweltbundesamt website

<sup>1</sup> <https://www.ceip.at/gothenburg-protocol/review-of-adjustments>

## References

### Data submitted by Parties applying for an adjustment:

<https://www.ceip.at/gothenburg-protocol/review-of-adjustments>

[https://webdab01.umweltbundesamt.at/cgi-bin/adj\\_v2.pl](https://webdab01.umweltbundesamt.at/cgi-bin/adj_v2.pl)

**Decision 2012/3** (ECE/EB.AIR/111/Add.1): Adjustments under the Gothenburg Protocol to emission reduction commitments or to inventories for the purposes of comparing total national emissions with them.

[https://unece.org/DAM/env/documents/2013/air/ECE\\_EB.AIR\\_111\\_Add.1\\_\\_ENG\\_DECISION\\_3.pdf](https://unece.org/DAM/env/documents/2013/air/ECE_EB.AIR_111_Add.1__ENG_DECISION_3.pdf)

**Decision 2012/4** (ECE/EB.AIR/111/Add.1): Provisional Application of Amendment to the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone

[https://unece.org/DAM/env/documents/2013/air/ECE\\_EB.AIR\\_111\\_Add.1\\_\\_ENG\\_DECISION\\_4.pdf](https://unece.org/DAM/env/documents/2013/air/ECE_EB.AIR_111_Add.1__ENG_DECISION_4.pdf)

**Decision 2012/12** (ECE/EB.AIR/113/Add.1): Guidance for adjustments under the 1999 Protocol to Abate Acidification, Eutrophication and Ground-level Ozone to emission reduction commitments or to inventories for the purposes of comparing total national emissions with them.

[https://unece.org/DAM/env/documents/2012/EB/Decision\\_2012\\_12.pdf](https://unece.org/DAM/env/documents/2012/EB/Decision_2012_12.pdf)

**Decision 2014/1** (ECE/EB.Air/127/Add.1): Improving the guidance for adjustments under the 1999 Protocol to Abate Acidification, Eutrophication and Ground-level Ozone to emission reduction commitments or to inventories for the purposes of comparing total national emissions with them.

[https://unece.org/DAM/env/documents/2014/AIR/EB/Decision\\_2014\\_1.pdf](https://unece.org/DAM/env/documents/2014/AIR/EB/Decision_2014_1.pdf)

**ECE/EB.AIR/125**: 2014 Reporting Guidelines for Estimating and Reporting Emission Data under CLRTAP [https://unece.org/DAM/env/documents/2013/air/eb/ece.eb.air.125\\_E\\_ODS.pdf](https://unece.org/DAM/env/documents/2013/air/eb/ece.eb.air.125_E_ODS.pdf)

**ECE/EB.AIR/GE.1/2022/20– ECE/EB.AIR/WG.1/2022/13**: *Guidelines for Reporting Emissions and Projections Data under the Convention on Long-range Transboundary Air Pollution*. United Nations Economic Commission for Europe:

[https://unece.org/sites/default/files/2022-08/ECE\\_EB.AIR\\_GE.1\\_2022\\_20-2210473E.pdf](https://unece.org/sites/default/files/2022-08/ECE_EB.AIR_GE.1_2022_20-2210473E.pdf)

**ECE/EB.AIR/130**: Technical Guidance for Parties Making Adjustment Applications and for the Expert Review of Adjustment Applications, 14 April 2015

[https://www.ceip.at/fileadmin/inhalte/ceip/4\\_adjustments/ece\\_eb\\_air\\_130\\_av\\_for\\_the\\_web.pdf](https://www.ceip.at/fileadmin/inhalte/ceip/4_adjustments/ece_eb_air_130_av_for_the_web.pdf)

**EMEP/EEA 2019**: EMEP/EEA Air Pollutant Emission Inventory Guidebook 2019, EEA Report 13/2019

<https://www.eea.europa.eu/publications/emep-eea-guidebook-2019>

**EMEP/EEA 2023**: EMEP/EEA Air Pollutant Emission Inventory Guidebook 2023, EEA Report 06/2023

<https://www.eea.europa.eu/publications/emep-eea-guidebook-2023>

**The 1999 Gothenburg Protocol** to Abate Acidification, Eutrophication and Ground-level Ozone

[http://www.unece.org/env/lrtap/multi\\_h1.html](http://www.unece.org/env/lrtap/multi_h1.html)

**TFEIP 2022**: Technical Guidance for Emissions Inventory Adjustments under the Amended Gothenburg Protocol: Inventory adjustments in the context of ERCs

<https://www.ceip.at/gothenburg-protocol/adjustments>