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Annual reports on technical reviews

**Technical review of greenhouse gas inventories and other
information reported by Parties included in Annex I**

Technical review of greenhouse gas inventories and other information reported by Parties included in Annex I, as defined in Article 1, paragraph 7, of the Kyoto Protocol

Report by the secretariat

Summary

This report provides information on the status of submission and review of the annual information required under Article 7, paragraph 1, of the Kyoto Protocol, including greenhouse gas inventories and supplementary information, on activities during the 2023 and 2024 review cycles, and on the reporting and review process for the additional period for fulfilling commitments (true-up period) for the second commitment period of the Kyoto Protocol. It also provides information on review training activities for experts participating in annual reviews under Article 8 of the Kyoto Protocol, and on the compilation of the information submitted by Parties on the minimization of adverse impacts in accordance with Article 3, paragraph 14, of the Kyoto Protocol.



Abbreviations and acronyms

AAU	assigned amount unit
Annex I Party	Party included in Annex I to the Convention
BTR	biennial transparency report
CER	certified emission reduction
CMP	Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol
ERT	expert review team
ERU	emission reduction unit
GHG	greenhouse gas
LR	lead reviewer
non-Annex I Party	Party not included in Annex I to the Convention
RMU	removal unit
SBSTA	Subsidiary Body for Scientific and Technological Advice
true-up period	additional period for fulfilling commitments

I. Introduction

A. Mandate

1. The secretariat is to prepare an annual report to the SBSTA on the composition of the ERTs participating in the review of the information submitted under Article 7, paragraph 1, of the Kyoto Protocol, including on the selection of experts for the review teams and the LRs.¹ In addition, the LRs are to collectively prepare an annual report to the SBSTA with suggestions on how to improve the review process.²
2. The secretariat is to continue to include in its annual report to the SBSTA on the technical review of GHG inventories and other information reported by Parties included in Annex I³ information on the training programme for members of ERTs participating in annual reviews under Article 8 of the Kyoto Protocol, in particular information on examination procedures and the selection of trainees and instructors, in order for Parties to assess the effectiveness of the programme.⁴
3. Finally, the secretariat is to annually compile information submitted by Parties on the minimization of adverse impacts in accordance with Article 3, paragraph 14, of the Kyoto Protocol.⁵

B. Scope

4. In accordance with the “Guidelines for review under Article 8 of the Kyoto Protocol”, the review under the Kyoto Protocol encompasses the existing review under the Convention. The lessons learned and challenges in the review processes under the Convention and its Kyoto Protocol have many common elements. This report focuses on the elements of the review process that are specific to the Kyoto Protocol and should be read in conjunction with the annual report on the technical review of GHG inventories of Annex I Parties.⁶
5. This report provides information on the:
 - (a) Status of submission of the annual information required from Parties included in Annex I and the review of that information, including their GHG inventories (see chap. II.A below);
 - (b) Reporting and review process for assessing compliance after the true-up period for the second commitment period of the Kyoto Protocol (see chap. II.B below);
 - (c) Participation of ERTs and LRs in reviews (see chap. III below);
 - (d) Annual meeting of LRs (see chap. IV below);
 - (e) Training programme for members of ERTs participating in annual reviews under Article 8 of the Kyoto Protocol (see chap. V below);
 - (f) Compilation of information on the minimization of adverse impacts in accordance with Article 3, paragraph 14, of the Kyoto Protocol (see chap. VI below).

C. Possible action by the Subsidiary Body for Scientific and Technological Advice

6. The SBSTA will be invited to take note of this report.

¹ As per decision [22/CMP.1](#), annex, para. 35, in conjunction with decisions [3/CMP.11](#) and [4/CMP.11](#).

² As per decision [22/CMP.1](#), annex, para. 40(a), in conjunction with decisions [3/CMP.11](#) and [4/CMP.11](#).

³ As defined in Article 1, para. 7, of the Kyoto Protocol.

⁴ Decision [5/CMP.11](#), para. 3.

⁵ As per decision [15/CMP.1](#), annex, para. 26, in conjunction with decisions [3/CMP.11](#) and [4/CMP.11](#).

⁶ [FCCC/SBSTA/2024/INF.2](#).

II. Submission and review of information from Parties included in Annex I

A. Annual submissions for 2024⁷

7. Owing to the submission of first BTRs under the Paris Agreement, the deadline for the submission of annual GHG inventories of Annex I Parties that are also Parties to the Paris Agreement was extended to 31 December 2024.⁸ As at 15 September 2024, the secretariat had received original submissions of annual GHG inventories for 2024 from six Parties included in Annex I. Some of the Parties provided supplementary information under Article 7, paragraph 1, of the Kyoto Protocol.

8. As a result of the change to the deadline for the submission of annual GHG inventories, no reviews of GHG inventories were conducted in 2024.

B. True-up period reporting and review process for the second commitment period of the Kyoto Protocol

9. The true-up period for the second commitment period of the Kyoto Protocol was set to end 100 days after the date set by the CMP for the completion of the expert review process under Article 8 of the Kyoto Protocol for the last year of the commitment period.⁹ Until the end of the true-up period, Parties included in Annex I may continue to acquire and transfer AAUs, CERs, ERUs and RMUs for the purpose of fulfilling commitments under Article 3, paragraph 1 bis, of the Kyoto Protocol, provided the eligibility of any such Party has not been suspended.¹⁰

10. CMP 17 decided that the expert review process under Article 8 of the Kyoto Protocol for the final year of the second commitment period shall be completed by 1 June 2023.¹¹ As a result, the end of the true-up period was 9 September 2023, that is 100 days after the deadline for completion of the expert review process.

11. CMP 17 decided that Parties included in Annex I had 45 days after the end of the true-up period to submit the report upon expiration of the true-up period, covering the information required in paragraph 49 of the annex to decision [13/CMP.1](#), using the standard electronic format tables as agreed in decision [3/CMP.11](#) (i.e. the true-up period report).¹²

12. The assessment of compliance of a Party included in Annex I with a commitment under Article 3, paragraph 1 bis, of the Kyoto Protocol with said commitment shall be based on the comparison of the quantity of AAUs, CERs, ERUs and RMUs, valid for the second commitment period, retired by the Party with its aggregate anthropogenic carbon dioxide equivalent emissions of the GHGs and sources listed in Annex A to the Kyoto Protocol during the second commitment period.¹³

13. Furthermore, CMP 17 decided that the secretariat would make available in electronic format on 30 July 2023 and every four weeks thereafter until the month of completion of the true-up period information on each Party's emissions and units.¹⁴ The final such true-up

⁷ Information on the annual submissions for 2023 is included in the previous annual report (see document [FCCC/SBSTA/2023/INF.7](#), chap. II.A).

⁸ Decision [6/CP.27](#), para. 6.

⁹ Decision [27/CMP.1](#), annex, chap. XIII.

¹⁰ As footnote 9 above.

¹¹ Decision [1/CMP.17](#), para. 1.

¹² Decision [1/CMP.17](#), para. 3.

¹³ Decision [13/CMP.1](#), annex, para. 14, in conjunction with decision [3/CMP.11](#).

¹⁴ Decision [1/CMP.17](#), paras. 4–5.

period information report by the secretariat, comprising data as at 24 September 2023, is available on the UNFCCC website.¹⁵

14. All Parties included in Annex I with a commitment under Article 3, paragraph 1 bis, of the Kyoto Protocol submitted a true-up period submission to the secretariat by the mandated deadline of 24 October 2023, except for two Parties. The 35 submitted reports, including the standard electronic format tables and any annexes and addenda, are available on the UNFCCC website.¹⁶

15. The secretariat organized the review of the true-up period submissions to be held from 19 to 23 February 2024. Three ERTs reviewed the submissions, with each ERT composed of four experienced GHG reviewers nominated by Annex I and non-Annex I Parties. Two of the experts, one nominated by an Annex I Party and the other by a non-Annex I Party, acted as the LRs in each team. The review reports for all true-up period submissions are available on the UNFCCC website.¹⁷ The table below shows the original submission dates and the review report document symbols and publication dates for each Party.

16. The reviews of the true-up period submissions were conducted at the same time as the assessment of national registry systems by external assessors, supported by the secretariat. Seven registry system administrators participated as external assessors. The assessment reports on 35 national registries, summarizing the findings of the external assessors, were shared with the ERTs for consideration as part of the review of the true-up period submissions and are available on the UNFCCC website.¹⁸

Submission and review of true-up period reports for the second commitment period of the Kyoto Protocol

<i>Party</i>	<i>Original submission date</i>	<i>Review report document symbol</i>	<i>Review report publication date</i>
Australia	19 October 2023	FCCC/KP/CMP/2023/TPR/AUS	28 May 2024
Austria	18 October 2023	FCCC/KP/CMP/2023/TPR/AUT	16 May 2024
Belgium	18 October 2023	FCCC/KP/CMP/2023/TPR/BEL	31 May 2024
Bulgaria	24 October 2023	FCCC/KP/CMP/2023/TPR/BGR	30 May 2024
Croatia	24 October 2023	FCCC/KP/CMP/2023/TPR/HRV	10 June 2024
Cyprus	13 November 2023	FCCC/KP/CMP/2023/TPR/CYP	16 May 2024
Czechia	23 October 2023	FCCC/KP/CMP/2023/TPR/CZE	31 May 2024
Denmark	18 October 2023	FCCC/KP/CMP/2023/TPR/DNK	16 May 2024
Estonia	24 October 2023	FCCC/KP/CMP/2023/TPR/EST	4 June 2024
European Union	31 October 2023	FCCC/KP/CMP/2023/TPR/EU	8 May 2024
Finland	23 October 2023	FCCC/KP/CMP/2023/TPR/FIN	27 May 2024
France	24 October 2023	FCCC/KP/CMP/2023/TPR/FRA	21 May 2024
Germany	24 October 2023	FCCC/KP/CMP/2023/TPR/DEU	17 May 2024
Greece	21 October 2023	FCCC/KP/CMP/2023/TPR/GRC	26 April 2024
Hungary	24 October 2023	FCCC/KP/CMP/2023/TPR/HUN	3 May 2024
Iceland	20 October 2023	FCCC/KP/CMP/2023/TPR/ISL	30 April 2024
Ireland	24 October 2023	FCCC/KP/CMP/2023/TPR/IRL	29 April 2024
Italy	23 October 2023	FCCC/KP/CMP/2023/TPR/ITA	15 April 2024
Latvia	24 October 2023	FCCC/KP/CMP/2023/TPR/LVA	23 April 2024
Liechtenstein	24 October 2023	FCCC/KP/CMP/2023/TPR/LIE	15 April 2024
Lithuania	24 October 2023	FCCC/KP/CMP/2023/TPR/LTU	16 April 2024

¹⁵ <https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-kyoto-protocol/second-commitment-period/true-up-period-information-report-by-the-secretariat-second-commitment-period>.

¹⁶ <https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review/reporting-and-review-under-the-kyoto-protocol/second-commitment-period/reporting-and-review-process-for-the-true-up-period-of-the-second-commitment-period-of-the-kyoto>.

¹⁷ As footnote 16 above.

¹⁸ As footnote 16 above.

<i>Party</i>	<i>Original submission date</i>	<i>Review report document symbol</i>	<i>Review report publication date</i>
Luxembourg	16 October 2023	FCCC/KP/CMP/2023/TPR/LUX	29 April 2024
Malta	23 October 2023	FCCC/KP/CMP/2023/TPR/MLT	25 April 2024
Monaco	8 September 2023	FCCC/KP/CMP/2023/TPR/MCO	16 April 2024
Netherlands (Kingdom of the)	24 October 2023	FCCC/KP/CMP/2023/TPR/NLD	18 April 2024
Norway	24 October 2023	FCCC/KP/CMP/2023/TPR/NOR	16 April 2024
Poland	23 October 2023	FCCC/KP/CMP/2023/TPR/POL	30 April 2024
Portugal	24 October 2023	FCCC/KP/CMP/2023/TPR/PRT	26 April 2024
Romania	17 October 2023	FCCC/KP/CMP/2023/TPR/ROU	16 April 2024
Slovakia	19 October 2023	FCCC/KP/CMP/2023/TPR/SVK	15 April 2024
Slovenia	23 October 2023	FCCC/KP/CMP/2023/TPR/SVN	15 April 2024
Spain	23 October 2023	FCCC/KP/CMP/2023/TPR/ESP	15 April 2024
Sweden	24 October 2023	FCCC/KP/CMP/2023/TPR/SWE	23 April 2024
Switzerland	18 October 2023	FCCC/KP/CMP/2023/TPR/CHE	15 April 2024
United Kingdom	23 October 2023	FCCC/KP/CMP/2023/TPR/GBR	15 April 2024

III. Expert review teams and lead reviewers

17. As a result of the change to the deadline for the submission of GHG inventories of Annex I Parties that are also Parties to the Paris Agreement (see para. 7 above), no reviews of GHG inventories were conducted in 2024. However, LRs and ERTs participated in the review of the true-up period submissions (see chap. II.B above).

IV. Meeting of lead reviewers

18. The 1st meeting of LRs¹⁹ of BTRs was held in Bonn from 24 to 25 April 2024. At the meeting the LRs noted with appreciation that the work at previous meetings of LRs of GHG inventories had both ensured and reinforced over time a smooth transition from the reviews under the measurement, reporting and verification arrangements under the Convention and the KP to the BTR reviews under the enhanced transparency framework under the Paris Agreement.²⁰

V. Training of experts

Training programme for experts participating in annual reviews under Article 8 of the Kyoto Protocol

19. The final annual inventory submissions under the Convention and its Kyoto Protocol for the second commitment period of the Kyoto Protocol were submitted in 2022, and the relevant review reports were published by 17 May 2023. As a result, the training programme for members of ERTs participating in annual reviews under Article 8 of the Kyoto Protocol was not offered in 2023 or 2024.

¹⁹ As per decision [18/CMA.1](#), para. 171.

²⁰ The conclusions from the meeting are available at <https://unfccc.int/event/First-meeting-of-lead-reviewers-of-biennial-transparency-reports-btr>.

VI. Compilation of information on the minimization of adverse impacts in accordance with Article 3, paragraph 14, of the Kyoto Protocol

20. The secretariat compiles the supplementary information submitted annually by Parties included in Annex I relating to how they are striving, under Article 3, paragraph 14, of the Kyoto Protocol, to implement their commitments under Article 3, paragraph 1, of the Kyoto Protocol in such a way as to minimize adverse social, environmental and economic impacts on developing country Parties, particularly those identified in Article 4, paragraphs 8–9, of the Convention, and information on any changes that have occurred compared with the information reported in their previous annual submissions.²¹

21. The compilation is also to include information on how Parties included in Annex I that are also included in Annex II to the Convention and other Parties included in Annex I that are in a position to do so give priority in implementing their commitments under Article 3, paragraph 14, of the Kyoto Protocol to the actions referred to in paragraph 24 of the annex to decision [15/CMP.1](#), on the basis of relevant methodologies referred to in paragraph 11 of decision [31/CMP.1](#).²²

22. As at 15 September 2024, the compilation of the information referred to in paragraphs 20–21 above was being prepared.

²¹ As per decision [15/CMP.1](#), annex, para. 26.

²² As per decision [15/CMP.1](#), annex, para. 24.