



ICAO

ENVIRONMENT

CORSIA Newsletter

March 2025

The **Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)** is the first global market-based scheme that applies to a sector. It complements other aviation in-sector emissions reductions efforts such as technological innovations, operational improvements and sustainable aviation fuels to meet the ICAO aspirational goal of carbon neutral growth.

For more details on what CORSIA is click [here](#)

Additional guidance for verification bodies on the verification of emissions reduction claims from CORSIA eligible fuels



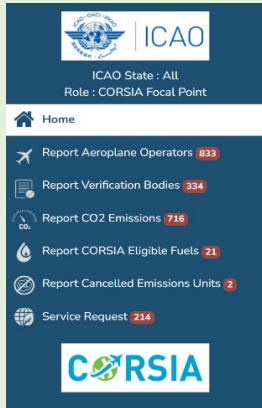
The ICAO Committee on Aviation Environmental Protection (CAEP), at its 13th Meeting (CAEP/13, Montréal, Canada, 17 to 28 February 2025) agreed on additional guidance to support various aspects on CORSIA implementation; this guidance will be reflected in the upcoming fourth edition of Doc 9501 (Environmental Technical Manual, ETM), Volume IV.

One of the materials approved by the CAEP/13 Meeting for inclusion in the fourth edition of the ETM, Volume IV is **additional guidance to support verification bodies on the verification of emissions reduction claims from CORSIA eligible fuels**, in accordance with the relevant provisions contained in the second edition of Annex 16, Volume IV, applicable from 1 January 2024.

Following the CAEP/13 Meeting, this guidance has been made publicly available through the ICAO website, in acknowledgement of the fact that verification bodies would benefit from the availability of this guidance ahead of the publication of the fourth edition of the ETM, Volume IV.

The guidance can be found [here](#).

Lessons learned from reporting CO₂ emissions through the CORSIA Central Registry (CCR)



The submission by States of 2023 CO₂ Emissions Reports was highly successful in terms of number of reporting States and CO₂ coverage, with **99.0% of global 2023 CO₂ emissions** reported by States through the CCR.

In 2024, the Sector Growth Factor (SGF) is expected to be greater than zero for the first time since the start of CORSIA implementation; this makes the accurate and timely reporting of 2024 CO₂ emissions by States through the CORSIA Central Registry (CCR) particularly important.

Therefore, it is crucial in 2025 that **States submit their 2024 CO₂ emissions to ICAO by 31 July 2025**, as per the timeline established in Annex 16, Volume IV, Appendix 1.



After ICAO publishes the 2024 CO₂ emissions and SGF through relevant ICAO documents, the submission of a possible revised 2024 Emissions Report by a State will not alter the information already published in the ICAO documents (reference: Annex 16, Vol. IV, Part II, Chapter 2, section 2.6).

Lessons learned from reporting CO₂ emissions

To ensure the timely publication of the 2024 Sector Growth Factor (SGF), it is essential in 2025 that all 2024 CO₂ Emissions Reports are submitted by States to ICAO through the CCR before the deadline and without errors.

Drawing from previous years' CCR reporting experiences, the Secretariat has identified common areas for improvements and recommended actions to address these issues, thereby assisting States in accurately reporting CO₂ emissions.

- **Submission of CO₂ report after the deadline (31 July 2025)**
 - ✓ 2024 CO₂ emissions from States that do not submit their report in time will be estimated by ICAO using the Gap-Filling methodology (ICAO data).

Recommended actions: CORSIA Focal Points (CFPs) need to submit their 2024 CO₂ Emissions Reports as soon as possible to have time to spot and correct errors, and no later than on 31 July 2025.

- **Partial submission of CO₂ Emissions Report (only per State pairs OR per aeroplane operators):**

Recommended actions: CFPs need to make sure that CO₂ Emissions Reports include emissions both per State pairs **AND** per aeroplane operators.

Total CO₂ Emissions (in tonnes)

	Data reported on a State pair basis	Data reported on an aeroplane operator basis
Total for all State pairs subject to Offsetting Requirements	153467.38	0.00
Total for all State pairs not subject to Offsetting Requirements	3823.94	0.00
Total CO ₂ Emissions	157291.32	0.00

- **States that submit CO₂ Emissions Reports with discrepancies between emissions data per State pair and per aeroplane operator**

Recommended actions: CFPs need to make sure that State Pair and aeroplane operator emissions data match before submitting the report to ICAO.

Warning(#1153) : The total reported CO2 Emissions from State Pairs is not equal to the total reported CO2 Emissions from Aeroplane Operators.

Total CO2 Emissions (in tonnes)				
	Data reported on a State pair basis		Data reported on an aeroplane operator basis	
Total for all State pairs subject to Offsetting Requirements	58000.00	↻	36000.00	↻ ?
Total for all State pairs not subject to Offsetting Requirements	42000.00	↻	54000.00	↻ ?
Total CO2 Emissions	100000.00	↻	90000.00	↻

- **Failing to submit a list of aeroplane operators:** CCR automatically fills in the “CO₂ Emissions (Aeroplane Operators)” tab with the names of aeroplane operators based on information available on “Report Aeroplane Operators” for the reporting year.

Recommended actions: CFPs need to make sure the report on a list of Aeroplane Operators has been submitted and is correct before submitting CO₂ Emissions Report.

- **States that need support to upload aggregated data in the CCR**

Recommended actions: CFPs should be familiar with main CCR functions and know how to use the “[aggregation spreadsheet](#)”.

2025 CORSIA Implementation deadlines

In accordance with Appendix 1 to [Annex 16, Volume IV](#), States are required to report annual CORSIA-related information and data through the CCR.

The **Key CORSIA implementation deadlines for States in 2025 are highlighted below:**

- **1 January to 31 December 2025:** Operator monitors its 2025 CO₂ emissions in accordance with its approved Emissions Monitoring Plan;
- **1 January to 30 April 2025:** Aeroplane operators compile 2024 CO₂ emissions data to be verified by verification bodies;
- **by 30 April 2025:** Aeroplane operators and verification bodies to submit to States the verified Emissions Reports and associated Verification Reports for 2024 CO₂ emissions;
- **by 30 June 2025:** deadline for additional States to notify the Secretariat of their decision to voluntarily participate in CORSIA in 2026;
- **by 31 July 2025:** States perform an order of magnitude check of **the submitted 2024 CO₂ emissions**, including any filling of data gaps in case of non-reporting by aeroplane operators, consolidate all reported CO₂ emissions data, and use the CORSIA Central Registry (CCR) to report to ICAO aggregated 2024 CO₂ emission data and, if applicable, information on CORSIA eligible fuels; and
- **by 30 November 2025:**
 - a) States check the ICAO document “**CORSIA Annual Growth Sector’s Factor (SGF)**” (published on 31 October) and use the **2024 SGF** to calculate the **2024 offsetting requirements** for the aeroplane operators and consequently, the States inform the aeroplane operators about their respective 2024 offsetting requirements.
 - b) deadline for States to submit to ICAO, through the CCR, updates to the list of aeroplane operators that are attributed to it, and updates to the list of verification bodies accredited in the State for CORSIA purposes.

ICAO will continue to support all States cooperating under the **ACT-CORSIA** programme and in the spirit of ICAO’s *No Country Left Behind* initiative.

2025 CORSIA Periodic Review

The ICAO Council, with the technical support of the Committee on Aviation Environmental Protection (CAEP), is undertaking the **2025 CORSIA periodic review**, building on the 2022 review process. In the context of sustainable development of the international aviation sector and improving the effectiveness of the Scheme, the Council is to consider the impact of CORSIA on the growth of international aviation.

The 2025 periodic review has been focusing on **assessing the supply, demand, and price of CORSIA Eligible Fuels and CORSIA Eligible Emissions Units**, as well as the related impacts on the scheme's implementation. The latest assessment by CAEP indicates that the future demands for CORSIA offsetting requirements and associated costs for the industry remain within the estimates of previous assessments.

During the **234th Session of the Council in March 2025**, CAEP provided further updates on the CORSIA analyses to support the Council in undertaking the 2025 CORSIA periodic review. The Council recognized the analytical work undertaken by CAEP in support of the Council's work on the 2025 CORSIA periodic review, and noted that CAEP would provide one further update to the CORSIA analyses so that the Council can finalize the 2025 CORSIA periodic review at its **235th Session in June 2025**, and provide its related recommendations to the **42nd Session of the ICAO Assembly in September 2025**.

Information on the work undertaken thus far on the 2025 CORSIA periodic review is available [here](#).

2025 TAB Assessment for CORSIA Eligible Emissions Units

Update

For the 2025 TAB assessment, the application period from emissions unit programmes for consideration of eligibility for the 2027-2029 compliance period (part of the CORSIA second phase) ended on 21 March 2025.

During that application period, four programmes submitted applications for re-assessment of eligibility by the TAB. Additionally, seven programmes submitted procedural changes for TAB's assessment.

The applications and material changes submitted by those programmes will be soon posted on the [ICAO website](#) for public comments.

As part of its 2025 assessment, the TAB will also continue to analyse the potential emissions unit supply, including new geographical data. The TAB will present recommendations as a result of its 2025 assessment to the **236th Session of the Council in October/November 2025**.

CORSIA Capacity Building



ACT-CORSIA is the ICAO Assistance, Capacity Building and Training programme on **CORSIA** to provide States with CORSIA implementation support. It was established in July 2018 and encompasses the **CORSIA Buddy Partnerships**, examples of good practices for CORSIA implementation, frequently asked questions, publications, videos and more. For a complete list of activities click [here](#).

The **ACT-CORSIA Buddy Partnerships** are a cornerstone of ICAO's plan to support States to prepare for CORSIA implementation. The ACT-CORSIA Buddy Partnerships rely on individual training of CORSIA Focal Points and constitute the core of capacity building activities. The ACT-CORSIA Buddy Partnerships have been proven to be an extremely successful modality to provide training and assistance to support-requesting States on various aspects of CORSIA implementation and to date, 136 States participate in the programme.

Under the partnerships, technical experts supplied by supporting States work together with the CORSIA focal points of requesting States to provide on-site training, and to closely follow-up on the preparation and implementation of the requesting States' CORSIA MRV (Monitoring, Reporting and Verification) system. The results of the training activities thus far have been remarkable, with 99.0% of global 2023 CO₂ emissions submitted by States through the CCR.

In this regard, on **20 March 2025**, the ICAO Secretariat organized the **"Training of Trainers" sessions under the ICAO ACT-CORSIA programme's Buddy Partnerships**. The training reminded those trainers from supporting States of the 2025 CORSIA MRV tasks and deadlines, with a particular focus on the timely reporting through CCR, lessons learned and other developments, with a view to facilitate their training to CORSIA focal points of support-requesting States.

In 2025, the focus of the training under the ACT-CORSIA Buddy Partnership will be on the MRV tasks and deadlines in light of lessons learned from the past six years of the MRV implementation, as well as the developments regarding CORSIA Eligible Fuels and CORSIA Eligible Emissions Units.

More information can be found [here](#).

The [Leaflet for CORSIA Focal Points](#) provides information and useful links that will assist State's focal points in the implementation of CORSIA.



The **CORSIA Verification Course** offered by ICAO's Global Aviation Training (GAT) Office provides training on how to verify CO₂ Emissions Reports that have been prepared by aeroplane operators, in accordance with the provisions of the CORSIA Standards and Recommended Practices (SARPs) contained in Annex 16, Volume IV.

The CORSIA Verification Course has been updated to provide information on verification requirements as per the upcoming second edition of Annex 16, Volume IV, applicable from 1 January 2024.

[Click here](#) for more information and registration.



In 2025, three additional CORSIA Training Courses are being developed and will be made available through GAT, covering the following topics:

- **CORSIA Overview**
- **CORSIA Eligible Fuels**
- **CORSIA Eligible Emissions Units**

More information on these courses will be provided in future issues of the CORSIA Newsletter.

International Civil Aviation Organization
999 Robert-Bourassa Boulevard, H3C 5H7, Montréal, Québec, Canada
For more information, visit the ICAO website: www.icao.int/corsia