



ICAO

ENVIRONMENT

CORSIA Newsletter

February 2023

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 is CORSIA click [here](#)

Call for Applications from Emissions Unit Programmes



In February 2023, the Technical Advisory Body (TAB) opened a [call for applications](#) for the 2023 assessment cycle on CORSIA eligible emissions units for the first phase (2024-2026 compliance period). **The deadline for submissions from interested programmes is 24 March 2023.**

On 8 March 2022, ICAO will organize a **webinar on CORSIA Eligible Emissions Units** to inform stakeholders about the Technical Advisory Body (TAB) **assessment process and the key documents** that help understand CORSIA eligibility. The webinar will also provide information on the **recent developments and next steps** in the work of the TAB. Registration form for the webinar is available on the [TAB website](#).

As part of its 2023 assessment, the TAB will continue to analyse the **potential emissions unit supply**, including new geographical data. The TAB will present the results of its 2023 assessment to the 230th Session of the Council that will be held in October/November 2023.

CORSIA-related Issues for Consideration by the ICAO Council



The [228th Session](#) of the ICAO Council (13 -31 March 2023) will consider the **proposed amendments to the first edition of Annex 16, Volume IV**, as recommended by CAEP/12 meeting (February 2022) and taking into account the outcome of the 41st session of the Assembly Resolution [A41-22](#)). The second edition of Annex 16, Volume IV is expected to **become applicable on 1 January 2024**.

The ICAO Council will also consider the **recommendations of the Technical Advisory Body (TAB)**, from its re-assessment of seven emissions unit programmes, regarding their eligibility for the first phase of CORSIA (2024-2026), including the recommended unit date eligibility.

CORSIA – Did You Know?

The CORSIA **Monitoring, Reporting and Verification** (MRV) cycle of annual CO₂ emissions takes place over a period of **19 months** – starting on 1 January of a reporting year and ending on 31 July of the following year. The main MRV actions are summarized below for a general reporting year 20XX (see also [CORSIA leaflet #4](#)):

- **1 January to 31 December 20XX**: Operator **monitors** its 20XX CO₂ emissions in accordance with its approved Emissions Monitoring Plan
- **1 January to 30 April 20XX+1**: Operator compiles its 20XX CO₂ emissions and arranges for their **verification**
- **by 30 April 20XX+1**: Operator **reports** the verified 20XX CO₂ emissions to its State of attribution
- **by 31 July 20XX+1**: State performs an **order of magnitude check** of the submitted 20XX CO₂ emissions, consolidates all reported CO₂ emissions data, and uses the CORSIA Central Registry (CCR) to **report** to ICAO.

Verification of emissions data under CORSIA ensures the **reliability** and **consistency** of the information and data contained in an aeroplane operator's annual Emissions Report. CORSIA provides for a **three-step verification process**:



Step 1: The operator conducts a **voluntary pre-verification** of its data before submitting it for a third-party verification by an accredited verification body:

- A pre-verification is a recommended (not mandatory) action that aims to increase the quality of the Emissions Report, and **does not replace** the requirement for a third-party verification.

Step 2: An independent and accredited verification body, contracted by the operator, performs a **third-party verification** before the operator reports to the State:

- Verification requirements are based on **Standards from the International Organization for Standardization (ISO)**, and on **CORSIA-specific requirements** in Annex 16, Volume IV;
- Following the verification of an Emissions Report, the **operator and the verification body** shall **both independently submit**, upon authorisation by the operator, a copy of the **Emissions Report and associated Verification Report** to the State.

Step 3: The State conducts an **order of magnitude check** of the data submitted by the operator and the verification body against different sources of information that the State has access to:

- States can use the **checklist in Table 3-9** of the [Environmental Technical Manual \(Doc 9501\), Volume IV](#), Chapter 3, 3.3.4.3 as a **guide on how to conduct the order of magnitude check**.

Notes:

- The **list of verification bodies** for the purposes of CORSIA, based on the information **submitted by States to ICAO through the CCR**, is included in [Part I](#) of the ICAO document entitled "*CORSIA Central Registry (CCR): Information and Data for Transparency*" that is available on the ICAO CORSIA [website](#).
- An aeroplane operator **may engage a verification body accredited in another State** if this is in accordance with the established verification rules and regulations of the State to which the aeroplane operator is attributed.

References and further reading:

[Annex 16, Volume IV, Part II, Chapter 2, 2.4 and Appendix 6](#)
[CORSIA FAQs](#) 3.82-3.121, 3.124-3.125, 4.7-4.9, 4.37-4.40
[CORSIA leaflet #8](#).

Upcoming CORSIA Implementation Deadlines (2023)



In accordance with Appendix 1 to [Annex 16, Volume IV](#), in 2023, States will receive the verified 2022 Emissions Reports and associated Verification Reports by 30 April. The **order of magnitude check** should be finalized as soon as possible following the receipt of the verified Emissions Report(s) in order to **submit CO₂ emissions through the CCR by 31 July**.



As verifications are currently ongoing, a CORSIA Focal Point could contact the national accreditation body (NAB) of its State to request to **observe a verification of the Emissions Report** of an aeroplane operator attributed to the State. This would provide some practical experience of the verification process and a better understanding of any specific situations the operator is confronted with.

1 January to 30 April: Aeroplane operators to compile 2022 CO₂ emissions data to be verified by verification bodies.

by 30 April: Aeroplane operators and verification bodies to submit to States the verified Emissions Reports and associated Verification Reports for 2022 CO₂ emissions.

by 30 June: States to notify ICAO of their intention to participate in the CORSIA offsetting requirements from 1 January 2024 (**for first time participation only**).

by 31 July: States to conduct an order of magnitude check of the verified 2022 Emissions Reports, including any filling of data gaps in case of non-reporting by aeroplane operators, and use the CCR to submit aggregated 2022 CO₂ emissions data and, if applicable, information on CORSIA eligible fuels.

CORSIA Capacity Building



ACT-CORSIA is the ICAO Assistance, Capacity Building and Training programme on **CORSIA**. It was established in June 2018 and encompasses the CORSIA Buddy Partnerships and all other ICAO outreach materials (see below).

The **ACT-CORSIA Buddy Partnerships** rely on individual training of CORSIA Focal Points and are the core of capacity building activities. A total of 136 States participate in the ACT-CORSIA Buddy Partnerships.

In February 2023, **Seychelles** received training under its Buddy Partnership with **Kenya and United Kingdom**. More information can be found [here](#).

For 2023, the focus of the training under the ACT-CORSIA Buddy Partnerships continues to be on the use of the CORSIA Central Registry and, in particular, the reporting requirements as relating to CO₂ emissions and CORSIA eligible fuels

Navigating CORSIA - A guide to the scheme's design & implementation



Since the adoption of the CORSIA-related [Standards and Recommended Practices \(SARPs\)](#) in 2018, ICAO has developed the remaining elements needed for the CORSIA implementation.

Click [here](#) for an infographic on the status of all implementation elements.

Update

Click [here](#) for an updated set of **CORSIA Frequently Asked Questions**. Revised versions of the **CORSIA brochure and leaflets** can be found [here](#).

The [ICAO CORSIA website](#) contains materials to support States, operators and verification bodies in their work towards implementation of CORSIA, namely:

- [Examples of Good Practice](#)
- [Videos](#)
- [Seminars](#)
- [Online Tutorials](#)



The CORSIA Verification Course 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).

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

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For more information, visit the ICAO website: www.icao.int/corsia