



ICAO

ENVIRONMENT

CORSIA Newsletter

January 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](#)

CORSIA 2023 – Overview of the Year Ahead



In March 2023, the ICAO Council will consider the **proposed amendments** to the first edition of Annex 16, Volume IV, as recommended by CAEP/12 meeting as well as the result of the first periodic review of CORSIA and the outcome of the 41st session of the Assembly. The second edition of Annex 16, Volume IV is expected to become applicable on 1 January 2024. In order to facilitate the implementation of the Standards and Recommended Practices in the second edition of Annex 16, Volume IV, the third edition of Doc 9501 (ETM), Volume IV will become available in the second half of 2023.

Throughout the year, the ICAO Council will continue to **update the CORSIA [Implementation Elements](#)** based on technical recommendations by the Committee on Aviation Environmental Protection (CAEP) and the **[Technical Advisory Board](#)** (TAB). In accordance with the request by the Assembly (Resolution [A41-22](#), paragraph 17), the Council will also develop a **methodology and timeline** for the **second periodic review of CORSIA**.

Aeroplane operators are expected to **compile their 2022 CO₂ emissions** data and arrange for the **verification** of their Emissions Report, which will be submitted to States (by 30 April 2023) for an **order of magnitude check** and subsequent submission to ICAO (by 31 July 2023) (*see below for more details on CORSIA 2023 deadlines*). The recently updated **[CORSIA leaflet #4](#)** provides a checklist for the annual MRV cycle for CO₂ emissions highlighting the dates for key actions from operators and States.

Using the submitted 2022 CO₂ emissions data, the Secretariat will calculate the **2022 Sector's Growth Factor** that States will use to calculate the **2022 CO₂ offsetting requirements** for each operator attributed to them.

Pursuant to the spirit of ICAO's *No Country Left Behind* initiative, ICAO will continue to support States through the capacity building activities under the ACT-CORSIA programme, and will facilitate **more States joining** the CORSIA offsetting requirements on a voluntary basis. So far, 118 States participate in CORSIA from 1 January 2024. The deadline for more States to declare their intention to join CORSIA's offsetting requirements is **30 June 2023**.



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 – Did You Know?

The **ICAO CORSIA CO₂ Estimation and Reporting Tool (CERT)** is one of the five CORSIA Implementation Elements and has been developed under the auspices of the ICAO Council to enable **simplified monitoring and reporting of CO₂ emissions under CORSIA**. The tool facilitates the population of the standardized CORSIA [Emissions Monitoring Plan template](#) and the CORSIA [Emissions Report template](#).

The 2022 version (as well as previous versions) of the ICAO CORSIA CERT is available on the [CORSIA website](#) together with information on its **underlying methodology**.

Who can use the ICAO CORSIA CERT and why?

Aeroplane operators and States can use the CERT. Specifically:

- **Aeroplane operators** can use the ICAO CORSIA CERT:
 - To make a **preliminary calculation** of their CO₂ emissions in order to assess whether they are subject to the CORSIA MRV requirements (operators are exempted from the CORSIA MRV requirements if their total annual CO₂ emissions are equal to, or less than, 10 000 tonnes);
 - For the period 2019-2020: to **estimate and report annual CO₂ emissions** provided that these emissions are **less than 500 000 tonnes** per year, and to **fill data gaps** provided that these gaps do not exceed 5% of the total international flights;
 - For the period 2021-2035: to **estimate and report annual CO₂ emissions** subject to offsetting requirements provided that these emissions are **less than 50 000 tonnes** per year, to **fill data gaps** provided that these gaps do not exceed 5% of the total international flights subject to offsetting requirements, and to estimate and report their annual CO₂ emissions not subject to offsetting requirements irrespective of the level of these emissions;

- **States** can use the ICAO CORSIA CERT:
 - To **fill emissions data gaps** by calculating CO₂ emissions for operators that do not submit their Emissions Reports in accordance with the timeline in Appendix 1 to Annex 16, Volume IV.

ICAO also uses the ICAO CORSIA CERT to **fill emissions gaps** when States do not submit CO₂ emissions through the CORSIA Central Registry. The ICAO-level gap filling methodology is available on the [CORSIA website](#).

Be aware: You must always **use the corresponding version of the ICAO CORSIA CERT** for a specific reporting year (e.g., use the 2022 version to estimate 2022 CO₂ emissions):

- Make sure that you download the latest version of the tool to use for the most recent reporting year;
- Do not use a specific year version of the ICAO CORSIA CERT to estimate and report CO₂ emissions for other years (e.g., do not use the 2022 version to calculate emissions for 2020, 2021, 2023 etc.).

References and further reading:

[Annex 16, Volume IV, Part II, Chapter 2, 2.2.1.2, 2.2.1.3, 2.5 and Appendix 3](#)
[CORSIA FAQs](#) 3.41, 3.43-3.46, 3.72, 3.76, 4.4-4.10
[CORSIA leaflet #3](#).

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 January 2023, **Benin, Burkina Faso, Cameroon, Democratic Republic of Congo, Ethiopia, Gabon, Madagascar, Mali, Senegal South Sudan, Togo,** and **Uganda**, received training under their respective Buddy Partnership with **Canada, France, Kenya and United Kingdom**. More information can be found [here](#).

For 2023, the focus of the training under the ACT-CORSIA Buddy Partnerships will continue 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