



ICAO

ENVIRONMENT

CORSIA Newsletter

May 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](#)

121 States Participate in CORSIA – Join Them Now!

Become Part of the ICAO Efforts to Address the Impact of International Aviation on the Global Climate!



Malawi and Haiti are the latest States to announce their participation in CORSIA increasing the total number of volunteer States to 121 from 1 January 2024, which marks the beginning of the first phase (2024-2026) of CORSIA.

Additional States wishing to participate from 1 January 2024 can send a **notification to the ICAO Secretariat by 30 June 2023.**

Click [here](#) for a sample letter that can be used to notify ICAO of a State's participation in CORSIA.

For more information on the **benefits of voluntary participation** in CORSIA, visit the ICAO [website](#).

Act now to contribute to ICAO's efforts to achieve **carbon neutral growth** and to reinforce ICAO's **continued leadership role in addressing emissions from international aviation.**

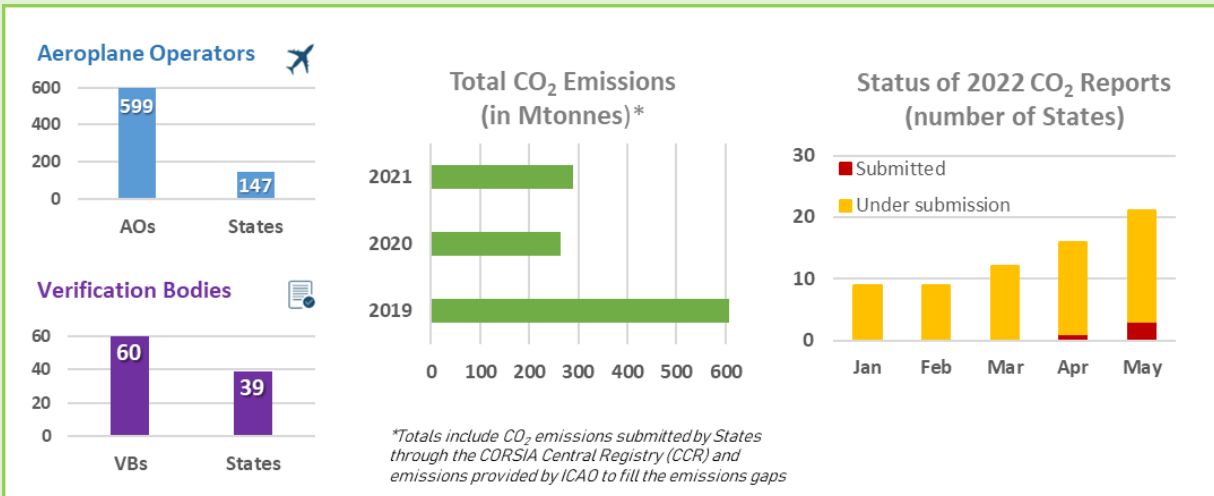
Reporting of 2022 CORSIA-related Information and Data

According to [Annex 16, Volume IV](#), Part II, Chapter 2, 2.3.2.2, Appendix 1 and Appendix 5, States are required to report annual CORSIA-related information and data through the CORSIA Central Registry (CCR).

In 2023, States are required to provide **2022 CO₂ emissions on States pairs** and total **2022 CO₂ emissions for each aeroplane operator**. Emissions that are subject to offsetting requirements must be reported separately from those that are not subject to offsetting requirements.

In addition, States with aeroplane operators that use **CORSIA eligible fuels (CEF) and wish to claim associated emissions reductions from CORSIA offsetting requirements**, have to submit additional information on the CEF claimed. The **CCR User Manual** and **quick guides** for the reporting of information through the CCR are available on the [ICAO website](#).

For 2022 CO₂ emissions, the **deadline for submission is 31 July 2023**. As of 31 May 2023, **21 States** had started the reporting process through the CCR.



In accordance with Annex 16, Volume IV, the Secretariat will provide data to **fill the emissions gap for States that do not submit data through the CCR** in accordance with the CORSIA submission deadlines.

The Secretariat will compile the **2022 CO₂ emissions** and any **2022 CEF-related data** in Part III and Part IV, respectively, of the CORSIA document “*CORSIA Central Registry (CCR): Information and Data for Transparency*”. The documents will be published no later than 31 October 2023 on the [ICAO website](#).

Also by 31 October 2023, the ICAO Secretariat will publish the second edition of the ICAO document “*CORSIA Annual Sector’s Growth Factor (SGF)*”, which will contain the **2022 SGF value**. States will use the 2022 SGF value to calculate the 2022 offsetting requirements of aeroplane operators attributed to them.

CORSIA – Did You Know?

Aeroplane operators can use only **eligible emissions units** to offset CO₂ emissions under CORSIA. Each emissions unit corresponds to a **reduction of 1 tonne of CO₂ emissions**. Operators can purchase such units from the carbon market and **must cancel them** to meet their CORSIA offsetting requirements.

Cancellation of an emissions unit means that this unit cannot be used again for any other purpose (aviation or non-aviation) to **avoid double use and double counting**.

Eligible emissions units can be issued only by **eligible programmes** that have been approved by the ICAO Council. For the CORSIA pilot phase (2021-2023), the ICAO Council has approved **nine Programmes** to supply CORSIA eligible emissions units.

Note: Not all units from these programmes are eligible for use in CORSIA. Each programme’s Scope of Eligibility is described in the ICAO document *CORSIA Eligible Emissions Units* (<https://www.icao.int/environmental-protection/CORSIA/Pages/CORSIA-Emissions-Units.aspx>)

Determination of **eligibility** is based on the use of the **criteria** that have been established by the ICAO Council and apply to both programmes and emissions units levels. For more information, refer to ICAO CORSIA document *CORSIA Emissions Unit Eligibility Criteria* (https://www.icao.int/environmental-protection/CORSIA/Documents/ICAO_Document_09.pdf)



Programme Design Elements Assessment Criteria
Clear Methodologies and Protocols, and their Development Process
Scope Considerations
Offset Credit Issuance and Retirement Procedures
Identification and Tracking
Legal Nature and Transfer of Units
Validation and Verification procedures
Program Governance
Transparency and Public Participation Provisions
Safeguards System
Sustainable Development Criteria
Avoidance of Double Counting, Issuance and Claiming

Carbon Offset Credit Integrity Assessment Criteria
Are additional
Are based on a realistic and credible baseline
Are quantified, monitored, reported, and verified
Have a clear and transparent chain of custody
Represent permanent emissions reductions
Assess and mitigate against potential increase in emissions elsewhere
Are only counted once towards a mitigation obligation
Do no net harm

References and further reading:
[CORSIA FAQs: 4.22-4.32](#)

Upcoming CORSIA Implementation Deadlines (2023)



The [Environmental Technical Manual \(Doc 9501\), Volume IV](#) provides a checklist (comprising of a set of standardized requirements listed in **Table 3-9**) that can be used by States to perform an **order of magnitude check** of a verified Emissions Report submitted by an aeroplane operator. For an average sized aeroplane operator with a satisfactory verified Emissions Report, the order of magnitude check by States should not take longer than approximately three hours.



In the context of ACT-CORSIA Buddy Partnerships, a **spreadsheet** has been developed to assist with the **aggregation of CO₂ emissions data** submitted by aeroplane operators in preparation of uploading this information on the CORSIA Central Registry. This spreadsheet is meant for use by States that do

not have any other means available to aggregate the CO₂ emissions data that they receive from more than one aeroplane operator. Click [here](#) for more information and to download the spreadsheet.

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 perform an **order magnitude check** of the verified 2022 Emissions Reports submitted by aeroplane operators, including any filling of data gaps in case of non-reporting by aeroplane operators;
States to use the CORSIA Central Registry (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. 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

CORSIA Outreach Materials



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.

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](#)
- [Frequently Asked Questions](#) *(updated in December 2022)*
- [Brochure and leaflets](#) *(updated in January 2023)*
- [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

International Civil Aviation Organization
999 Robert-Bourassa Boulevard, H3C 5H7, Montréal, Québec, Canada

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