



ICAO

ENVIRONMENT

## CORSIA Newsletter

March 2021

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.

Under CORSIA, aeroplane operators with international flights are subject to [monitoring, reporting and verification \(MRV\) requirements](#). As of 1 January 2019, operators are required to monitor their annual CO<sub>2</sub> emissions, have them verified through a third-party verification process, and submit them to the States to which they are attributed. States collect emissions data from all their operators and submit consolidated information to ICAO. In addition to annual CO<sub>2</sub> MRV, [88 States](#) have volunteered to participate in offsetting CO<sub>2</sub> emissions under CORSIA from its pilot phase that started on 1 January 2021.

### CORSIA in Numbers (As of 31 March 2021)

168

CCR States  
Accounts

238

CCR Users  
Accounts

119

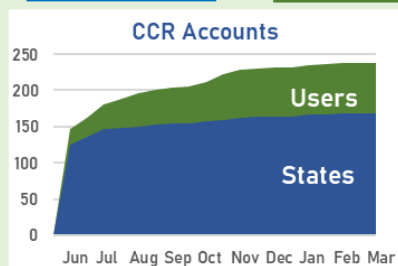
2019 CO<sub>2</sub>  
Reports in CCR

88

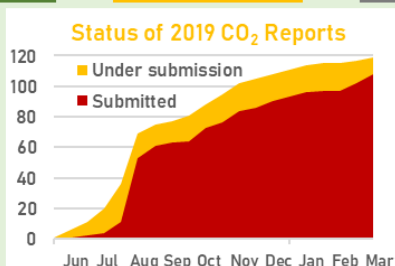
Volunteer  
States

566

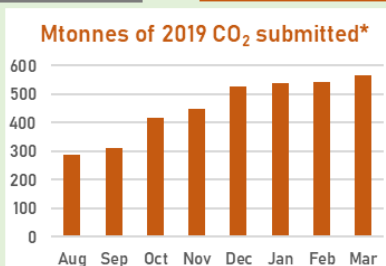
Mtonnes of 2019  
CO<sub>2</sub> submitted\*



CCR : CORSIA Central Registry



Note: All charts show cumulative totals



\* Totals are provisional and may change as States finalize their submissions

### CORSIA Eligible Fuels

The ICAO Council in March 2021 agreed on the text of additional new criteria for the sustainability of aviation fuels, to be eligible for use by an aeroplane operator to reduce its offsetting requirements from the next phase of CORSIA (from 2024), while further guidance will be developed on the application of such criteria, toward the final Council approval by end of year.

Additionally, the Council approved default life cycle emission values for 12 new pathways for Sustainable Aviation Fuels production, including feedstocks such as brassica carinata, agricultural residues, forestry

residues, miscanthus, and switchgrass. These values can be used to calculate emissions reductions from the use of Sustainable Aviation Fuels, which an aeroplane operator may claim to reduce its CORSIA offsetting requirements. More details can be found in the ICAO document *CORSIA Default Life Cycle Emissions Values for CORSIA Eligible Fuels*, which is available [here](#).

## CORSIA Eligible Emissions Units

The ICAO Council in March 2021 considered the recommendations of the Technical Advisory Body (TAB) and approved the **Global Carbon Council** as immediately eligible to provide emissions units for the purposes of CORSIA during the pilot phase. The Council has also approved the extension of eligible unit dates for **American Carbon Registry** from current “through 31 December 2020” to “through 31 December 2023”. The list of eligible emissions units is being updated and will become available [here](#) on the ICAO website.

The TAB has started its 2021 assessment of the new applications received from three entities, **CERCARBONO**, **ProClima**, and **REDD.Plus**, as well as two material updates to previously-assessed programmes, **American Carbon Registry** and **Verified Carbon Standard**. The submitted information from the five entities has been posted [here](#) for public comments. Recommendations from the TAB are expected to be finalized later this year and to be forwarded to the ICAO Council for its consideration in October/November 2021.

## CORSIA Capacity Building



**ACT-CORSIA** is the 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 initiatives including [sample model regulations for CORSIA](#), frequently asked questions (FAQs), [brochure and leaflets](#), [videos](#) as well as CORSIA [seminars/webinars and online tutorials](#).

**CORSIA Frequently Asked Questions (FAQs)**: An updated version of the frequently asked questions (FAQs) on CORSIA, reflecting developments in 2020, is available [here](#).

**ACT-CORSIA Buddy Partnerships** are the core of capacity building activities. They rely on individual training of CORSIA Focal Points and involves experts from 134 States. More information can be found [here](#).

## COVID-19 and CORSIA

In June 2020, the ICAO Council took a series of decisions to ensure that CORSIA implementation progresses in line with its original objectives, despite the challenges posed by the COVID-19 pandemic. In this context, the Council provided flexibility to States that had difficulties in reporting their 2019 CO<sub>2</sub> emissions to ICAO through the CORSIA Central Registry (CCR) within the established deadline of 31 August 2020. A majority of States have already reported their 2019 CO<sub>2</sub> emissions through the CCR; **States currently working on their submissions are encouraged to report as soon as possible but no later than by the end of March 2021.**

In March 2021, the Council considered an interim update on the **analysis of the impact of COVID-19 on CORSIA, including the COVID-19 impacts on CO<sub>2</sub> emissions due to the reduction in international aviation activity, the sector's possible recovery scenarios in the future and the associated impacts on CORSIA offsetting requirements and cost to industry.**

The Secretariat continues to update the materials on the CORSIA and COVID-19 web page, available [here](#).

## 2022 CORSIA Periodic Review

In accordance with paragraphs 9 g) and 17 of ICAO Assembly Resolution [A40-19](#), the ICAO Council has been tasked with undertaking a periodic review of the implementation of CORSIA every three years, starting 2022. 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, and to recommend, as necessary, adjustments to the next phase or compliance cycle of CORSIA.

In March 2021, the ICAO Council agreed on the process and methodology for the CORSIA periodic review toward 2022, and on the framework for the consideration of inputs from its subsidiary bodies (such as the CAEP and the TAB). Any recommendations by the Council will be forwarded for consideration by the 41st ICAO Assembly scheduled for 2022.

## 2021 CORSIA and Other Environment-related Events

Upcoming CORSIA Event:

- **20-21 July:** Seminar on CORSIA

Other Environment Events:

- **15 April:** ICAO Pre-Stocktaking Webinar on “Hydrogen, getting to zero carbon flights”; more information is available [here](#); information on the full list of ICAO Pre-Stocktaking Webinars that will take place between April and August this year is available [here](#)
- **9-14 May:** Global Dialogues on the Feasibility of a Long-term Aspirational Goal for International Aviation CO<sub>2</sub> Emissions Reductions (LTAG-GLADS); more information is available [here](#)
- **31 August-3 September:** ICAO Stocktaking Seminar on Aviation in-Sector CO<sub>2</sub> Emissions Reductions; more information is available [here](#)
- **29 November-3 December:** Seminar on Green Airports

## 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](#) to watch on the ICAO TV the **Navigating CORSIA** series of pre-recorded presentations that focus on the status of implementation of CORSIA and provide information on its key design elements.

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

## 2021 CORSIA Implementation Deadlines

In accordance with Appendix 1 to [Annex 16, Volume IV](#), the following deadlines apply to 2021:

**31 May 2021:** Aeroplane operators and verification bodies to submit to States verified Emissions Reports and associated Verification Reports for 2020 CO<sub>2</sub> emissions.

**1 June 2021 to 31 August 2021:** States to conduct an order of magnitude check of the verified Emissions Reports for 2020, including any filling in of data gaps in case of non-reporting by aeroplane operators.

**30 June 2021:** States to notify ICAO of any change in their decision to voluntarily participate in CORSIA for the pilot phase.

**1 August 2021:** States to obtain and use the ICAO document entitled "*CORSIA States for Chapter 3 State Pairs*" applicable for the 2022 compliance year.

**31 August 2021:** Using the CCR, States to submit to ICAO aggregate CO<sub>2</sub> emissions per State pair for 2020.

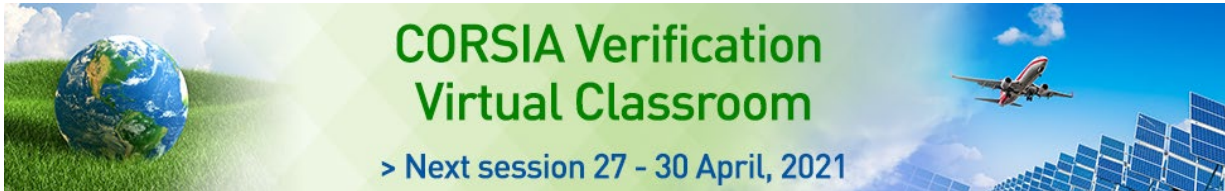
**30 September 2021:** States to calculate and inform aeroplane operators attributed to them of their average total CO<sub>2</sub> emissions during 2019 and 2020.\*

**30 November 2021:** Using the CCR, States to update their list of aeroplane operators that are attributed to them, and the list of verification bodies accredited in them.

**31 December 2021:** States to obtain from the ICAO website and use the ICAO document entitled "*CORSIA Aeroplane Operator to State Attributions*" summarising a list of aeroplane operators and the State to which they have been attributed.

*\* According to Annex 16, Volume IV, the baseline emissions for individual operators is needed for 2030 and beyond when offsetting requirements will be calculated based on both the sector growth factor and the*

*operators' individual growth factor. This provision of Annex 16, Volume IV is not affected by the decision of the ICAO Council in June 2020 regarding the use of 2019 CO<sub>2</sub> emissions for 2020 emissions during the pilot phase (2021-2023) of CORSIA.*



The CORSIA Verification Course provides training on how to verify CO<sub>2</sub> 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.

Don't miss out and register now to the upcoming session scheduled from 27 to 30 April 2021 > [Registration](#)

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*For more information, visit the ICAO website: [www.icao.int/corsia](http://www.icao.int/corsia)*