



ICAO

ENVIRONMENT

## CORSIA Newsletter

June 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 CORSIA click [here](#)

### 124 Volunteer States from 2024



**Kuwait, Samoa and Antigua and Barbuda are the latest States to announce their participation in CORSIA increasing the total number of volunteer States to 124 from 1 January 2024, which marks the beginning of CORSIA's first phase (2024-2026).**

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

The final list of volunteer States for 2024 will be included in the fourth edition of the ICAO document “*CORSIA States for Chapter 3 State Pairs*” that will be published on the [ICAO website](#) by end of July 2023.

### First Certification of CORSIA Sustainable Aviation Fuels



ICAO reached another major milestone in the implementation of CORSIA through the **first certifications of Sustainable Aviation Fuels (SAF), which were reported in June 2023** by the two ICAO-approved Sustainability Certification Schemes (SCS), (i.e., the International Sustainability and Carbon Certification —ISCC, and the Roundtable of Sustainable Biomaterials —RSB) for the CORSIA pilot phase (from 2021 to 2023).

**Nine (9) batches of SAF were certified in 2022**, yielding a total of **1,542 tonnes of fuel** produced from **tallow and used cooking oil** in China (EcoCeres), Netherlands (Neste) and United States (WorldEnergy).

The CORSIA sustainability certification process established by ICAO recognizes the **environmental benefits of SAF** for use by an aeroplane operator to claim the reduction of its offsetting requirements in CORSIA, based on the Standards contained in Annex 16, Volume IV that encompass aspects relating to the sustainability, monitoring, reporting and accounting of SAF.

In this regard, the certified batches achieved **life-cycle CO<sub>2</sub> emissions reductions ranging between 75% and 84%** (compared to conventional aviation fuels), which is significantly higher than the 10% reduction required under the CORSIA sustainability criteria.

## CORSIA Sustainability Certification Schemes for First Phase

At its 229th Session in June 2023, the ICAO Council approved the second edition of the ICAO document “*CORSIA approved Sustainability Certification Schemes (SCSs)*”, which lists two SCSs (i.e., the International Sustainability and Carbon Certification —ISCC, and the Roundtable of Sustainable Biomaterials —RSB) that **became eligible to certify the sustainability and life-cycle emissions values of CORSIA Sustainable Aviation Fuels (SAF) after the pilot phase (from 2024 onward)**. The second edition of the ICAO CORSIA document is available on the [CORSIA website](#).

The Council also highlighted the need to **increase the number of qualified SCS** under CORSIA to support the certification and use of CORSIA eligible fuels, including for the certification of Lower Carbon Aviation Fuels (LCAF). **Additional SCSs are encouraged to apply for approval under CORSIA**. The application process is open and is described in detail on the [ICAO website](#).

## 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).

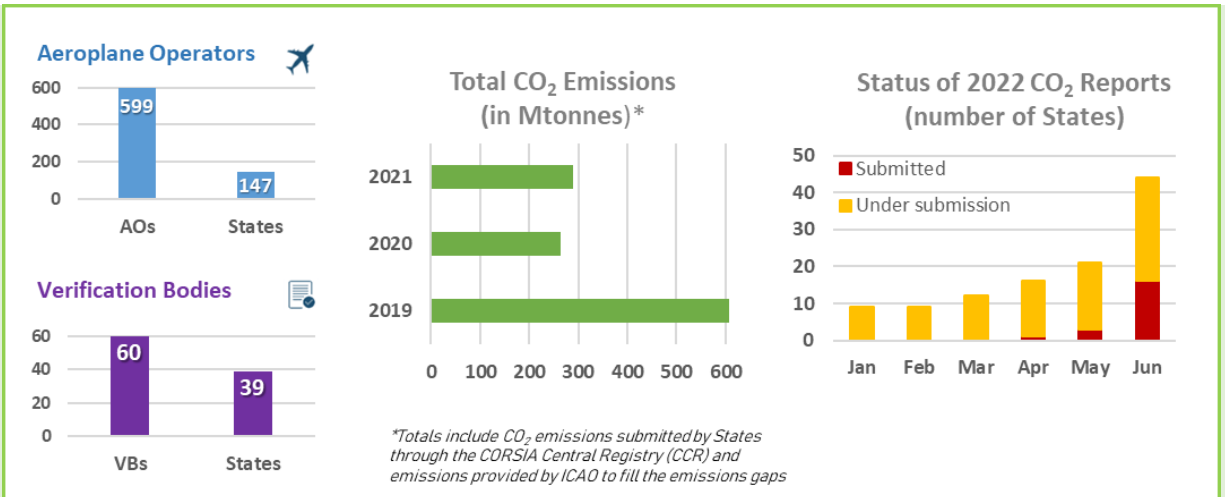
By 31 July 2023, States are required to provide **2022 CO<sub>2</sub> emissions on States pairs** and total **2022 CO<sub>2</sub> emissions for each aeroplane operator**. Emissions that are subject to offsetting requirements must be reported separately from those that are not subject to offsetting requirements.

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](#).

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**For 2022 CO<sub>2</sub> emissions, the deadline for submission is 31 July 2023.**

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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 CO<sub>2</sub> emissions** and any **2022 CEF-related data** in Part III and Part IV, respectively, of the ICAO 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 also 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.

## 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 CO<sub>2</sub> 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 CO<sub>2</sub> emissions data that they receive from more than one aeroplane operator. Click [here](#) for more information and to download the spreadsheet.

**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 CO<sub>2</sub> 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 June 2023, **United Republic of Tanzania** received training under its buddy partnership with **Kenya and United Kingdom**. More information can be found [here](#).

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**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 CO<sub>2</sub> emissions and CORSIA eligible fuels.**

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## Navigating CORSIA 2023 Edition – Coming Soon



### Update

The **Navigating CORSIA Series – 2023 Edition** will be updated to reflect the provisions of Assembly Resolution A41-22 and the milestones reached to implement CORSIA since the previous 2020 Edition. The videos will become available soon on [ICAO TV](#).

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](#)
- [Brochure and leaflets](#)
- [Videos](#)
- [Seminars](#)
- [Online Tutorials](#)



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 and registration

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