



ICAO

ENVIRONMENT

# CORSIA Newsletter

April 2024

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 CORSIA is click [here](#)

## More States are encouraged to join CORSIA: By 30 June 2024 to inform voluntary CORSIA participation from 2025



CORSIA started its **First Phase** on 1<sup>st</sup> January 2024 and ICAO continues to work with all Member States to ensure that they have all the **necessary means for continuous implementation of CORSIA**.

Since 2021, the number of volunteer States has steadily increased every year resulting in a higher coverage of international routes and emissions. From 1 January 2024, there are **126 volunteer States** participating in CORSIA. Their voluntary participation is a clear signal of their **determination to contribute to the global effort relating to achieving carbon neutral growth for international aviation** working under the auspices of ICAO.

Total of 88 States for 2021				107 States for 2022	115 States for 2023	126 States for 2024
Afghanistan	El Salvador	Kenya	Republic of Korea	Bahamas		
Albania	Equatorial Guinea	Latvia	Republic of Moldova	Grenada		Antigua and Barbuda
Armenia	Estonia	Lithuania	Romania	Palau		Bahrain
Australia	Finland	Luxembourg	Rwanda	Trinidad and Tobago		Ecuador
Austria	France	Madagascar	San Marino	Barbados		Haiti
Azerbaijan	Gabon	Malaysia	Saudi Arabia	Kiribati		Kuwait
Belgium	Georgia	Malta	Serbia	Saint Kitts and Nevis		Maldives
Benin	Germany	Marshall Islands	Singapore	Tuvalu		Iraq
Bosnia and Herzegovina	Ghana	Mexico	Slovakia	Slovenia		Maldives
Botswana	Greece	Monaco	Slovenia	Belize		Federated States of Micronesia
Bulgaria	Guatemala	Montenegro	Spain	Mali		Saint Vincent and the Grenadines
Burkina Faso	Guyana	Namibia	Sweden	South Sudan		Timor-Leste
Cameroon	Honduras	Netherlands	Switzerland	Nauru		Zimbabwe
Canada	Hungary	New Zealand	Thailand	Suriname		
Costa Rica	Iceland	Nigeria	Turkey	Gambia		
Côte d'Ivoire	Indonesia	North Macedonia	Uganda	Oman		
Croatia	Ireland	Norway	Ukraine	Tonga		
Cyprus	Israel	Papua New Guinea	United Arab Emirates	Uruguay		
Czechia	Italy	Philippines	United Kingdom			
Democratic Republic of the Congo	Jamaica	Poland	United Republic of Tanzania			
Denmark	Japan	Portugal	United States			
Dominican Republic	Kazakhstan	Qatar	Zambia			

The 41st Session of the ICAO Assembly strongly encouraged all States to **voluntarily participate** in the pilot phase and the first phase of CORSIA (Resolution [A41-22](#), paragraph 9 c). The larger the number of States that voluntarily

participate in CORSIA, the larger the **environmental effectiveness** of the Scheme through the increased number of routes covered under its offsetting requirements.

**Additional States** wishing to participate from 1 January 2025 can send a **notification to the ICAO Secretariat by 30 June 2024.**

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](#).

## Upcoming CORSIA Implementation Deadlines (2024)



In accordance with Appendix 1 to [Annex 16, Volume IV](#), these are the upcoming CORSIA implementation deadlines for 2024:

1 Jan to 31 Dec

Aeroplane Operators monitor their 2024 CO<sub>2</sub> emissions in accordance with their approved Emissions Monitoring Plan

1 Jan to 30 April

Aeroplane operators compile 2023 CO<sub>2</sub> emissions data to be verified by verification bodies



**by 30 April 2024**

**Aeroplane operators and verification bodies to submit to States the verified Emissions Reports and associated Verification Reports for 2023 CO<sub>2</sub> emissions.**



by 31 July 2024

States perform an order of magnitude check of the 2023 CO<sub>2</sub> emissions, including any filling of data gaps necessary, and use the CORSIA Central Registry (CCR) to report to ICAO aggregated 2023 CO<sub>2</sub> emission data and, if applicable, information on CORSIA eligible fuels



by 30 November

States check the ICAO document "CORSIA Annual Sector's Growth Factor (SGF)" and use the 2023 SGF to calculate the 2023 offsetting requirements for the aeroplane operators and consequently, the States inform the aeroplane operators about their respective 2023 offsetting requirements.

## CORSIA Eligible Emissions Units

### Update

For the 2024 TAB assessment, the application period from emissions unit programmes for consideration of eligibility under CORSIA first phase ended on 4 March 2024. During that period, **11 programmes submitted applications** for the assessment of eligibility by the TAB, showing the high interest of different organizations to join CORSIA. The applications were posted on the [ICAO website](#) for public comments; the deadline for sending comments to the ICAO Secretariat is **May 11, 2024**. In addition, **8 conditional programmes submitted procedural changes** for the TAB's assessment.

### 11 programmes submitted applications:

Asia Carbon Institute



BioCarbon Standard



Carbon Asset Solutions Soil Carbon Methodology



C-Capsule



Ecosystem Restoration Standard



International Carbon Registry



Isometric



KCCI Carbon Standard (KCS) Program



POPLE



Puro.earth



Riverse



### 8 conditional programmes submitted changes

BioCarbon Fund Initiative for Sustainable Forest Landscapes



Climate Action Reserve



Cercarbono



Forest Carbon Partnership Facility



Global Carbon Council



Gold Standard



Premium T-VER



Verified Carbon Standard



The ICAO Council will consider the results of the 2024 TAB assessment in October/November 2024. Currently, there are 2 approved programmes to supply eligible emissions units to CORSIA first phase, but it is expected that more programmes become eligible to supply units to CORSIA first phase by the end of 2024.

As part of its 2024 assessment, the TAB will continue to analyse the **potential emissions unit supply**, including new geographical data.

## CORSIA Eligible Fuels

At its **231st Session**, the ICAO Council approved the proposed amendments to three ICAO documents on CORSIA Eligible Fuels (CEF):

- ICAO document “**CORSIA Methodology for Calculating Actual Life Cycle Emission Values**”. The amendments are: inclusions of non-standard coconuts, beef tallow, poultry fat, lard fat, and mixed animals’ fat in the positive list of wastes, residues and by-products and a clarification that plastics are not included in the list; clarification on how transportation emissions downstream of the fuel blender should be accounted for in the life cycle assessment of CEF and restructuring of Section 2 of the document.
- ICAO document “**CORSIA Eligibility Framework and Requirements for Sustainability Certification Schemes**”, with revisions to accommodate CORSIA lower carbon aviation fuels (LCAF), refinements to clarify data transparency requirements from Sustainability Certification Schemes (SCS) and Certification Bodies (CB), comprehensive references to documents needed for CORSIA certification competency.
- ICAO document “**CORSIA Default Life Cycle Emission Values for CORSIA Eligible Fuels**”. The amendments include: removal of the limitation of use of negative ILUC values on the CORSIA Pilot phase only; inclusion of consequential amendments arising from the adoption of the second edition of Annex 16, Volume IV and clarifications on oilseed feedstocks and plastics.

The updated ICAO documents above are available on the [CORSIA eligible fuels website](#).

## Navigating CORSIA Series



The **Navigating CORSIA Series** reflects the provisions of Assembly Resolution A41-22 and the milestones reached to implement CORSIA since the previous 2020 Edition. Since the adoption of the CORSIA-related [Standards and Recommended Practices \(SARPs\)](#), ICAO developed and has been updating all the implementation elements needed for the timely and robust implementation of CORSIA.

The Navigating CORSIA 2023 is a package of pre-recorded presentations that serve as a **guide to the CORSIA's design and implementation features**; the videos provide an overview of CORSIA, information on the Monitoring, Reporting and Verification tools, CORSIA Eligible Fuels and CORSIA Eligible Emissions Units. The videos are available on [ICAO TV](#).

Additionally, the [ICAO CORSIA website](#) was updated with new materials to support States, operators and verification bodies in their work towards implementation of CORSIA. The training material on **model regulations** for CORSIA was also updated to include provisions relating to offsetting requirements and the cancellation of CORSIA eligible emissions units. The CORSIA website includes information on:

- [CORSIA Buddy Partnerships](#)
- [Examples of Good Practice](#)
- [Model regulations](#)
- [CO<sub>2</sub> Aggregation](#)
- [Frequently Asked Questions](#)
- [Brochure and leaflets](#)
- [Videos \(Navigating CORSIA\)](#)
- [Seminars](#)
- [Online Tutorials](#)

### COVID-19 impacts and 2022 CORSIA periodic review

#### CORSIA» IMPLEMENTATION

- Assembly Resolution A41-22
- Reservation to Resolution A41-22
- SARPs - Annex 16 Volume IV
- Environmental Technical Manual - Volume IV
  - » Templates
- ICAO CORSIA Implementation Elements
  - » CORSIA States for Chapter 3 State Pairs
  - » ICAO CORSIA CO<sub>2</sub> Estimation and Reporting Tool (CERT)
  - » CORSIA Eligible Fuels
  - » CORSIA Eligible Emissions Units
  - » CORSIA Central Registry (CCR)

Additional Material for CORSIA Implementation  
Status of CORSIA Implementation



### CORSIA Newsletter

#### ACT » CORSIA

- CORSIA Buddy Partnerships
- Examples of Good Practice
  - » Model regulations
  - » CO<sub>2</sub> Aggregation
- Frequently Asked Questions
- Brochure and Leaflets
- Videos (Navigating CORSIA)
- Seminars
- Background Information



## CORSIA Capacity Building



**ACT-CORSIA** is the ICAO Assistance, Capacity Building and Training programme on **CORSIA** to provide States with CORSIA implementation support. It was established in July 2018 and encompasses the **CORSIA Buddy Partnerships**, examples of good practices for CORSIA implementation, frequently asked questions, publications, videos and more. For a complete list of activities click [here](#).

The **ACT-CORSIA Buddy Partnerships** are a cornerstone of ICAO's plan to support States to prepare for CORSIA implementation. The ACT-CORSIA Buddy Partnerships rely on individual training of CORSIA Focal Points and constitute the core of capacity building activities. The ACT-CORSIA Buddy Partnerships have been proven to be an extremely successful modality to provide training and assistance to support-requesting States on various aspects of CORSIA implementation and to date, 136 States participate in the programme (17 supporting States and 119 requesting States).

Under the partnerships, technical experts provided by supporting States work together with the CORSIA focal points of requesting States to provide on-site training, and to closely follow-up on the preparation and implementation of the requesting States' CORSIA MRV system. The results of the training activities thus far have been remarkable, with more than **97% of global CORSIA CO<sub>2</sub> emissions** submitted annually by States through the CCR.

In April 2024, Benin, Cameroon, Democratic Republic of Congo, Madagascar, Mali, Senegal, and Togo received training under their Buddy Partnerships with Canada and France.

More information can be found [here](#).

**For 2024, the focus of the training under the ACT-CORSIA Buddy Partnerships will be on the use of the CORSIA Central Registry (CCR) version 2, in particular, the reporting requirements relating to CO<sub>2</sub> emissions, CORSIA eligible fuels, and CORSIA eligible emissions units**

The [Leaflet for CORSIA Focal Points](#) is available now to provide information and useful links that will assist State's focal points in the implementation of CORSIA.

## 2024 ICAO Symposium on Non-CO<sub>2</sub> Aviation Emissions



The **ICAO Symposium on Non-CO<sub>2</sub> Aviation Emissions** will take place from **16 to 18 September 2024** in Montreal, Canada to raise awareness of all interested parties on non-CO<sub>2</sub> emissions from aviation operations.

The three-day event will focus on taking stock of the scientific knowledge on non-CO<sub>2</sub> effects and sharing the work undertaken by ICAO and all relevant stakeholders, as well as exploring future activities and measures to potentially mitigate and address these effects, considering the existing scientific uncertainties.

More information about the seminar is available on the [ICAO website](#).



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) contained in Annex 16, Volume IV.

The CORSIA Verification Course has been updated to provide information on verification requirements as per the upcoming second edition of Annex 16, Volume IV, applicable from 1 January 2024.

[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)*