



ICAO

ENVIRONMENT

ICAO Regional Workshop on CORSIA

Introduction to CORSIA

ICAO Secretariat

C  **RSIA**



Objectives of the Workshop

- To provide further information on the upcoming CORSIA implementation requirements
- Particular focus of the workshop will be on:
 - Any pending issues regarding the monitoring of CO₂ emissions in 2019, including the approval of Emissions Monitoring Plans by States; and
 - Reporting and verification of CO₂ emissions from international aviation to support States in complying with the related provisions of the CORSIA SARPs by early 2020.
- The information to be presented at the workshop is based on the CORSIA-related SARPs, which are applicable on 1 January 2019



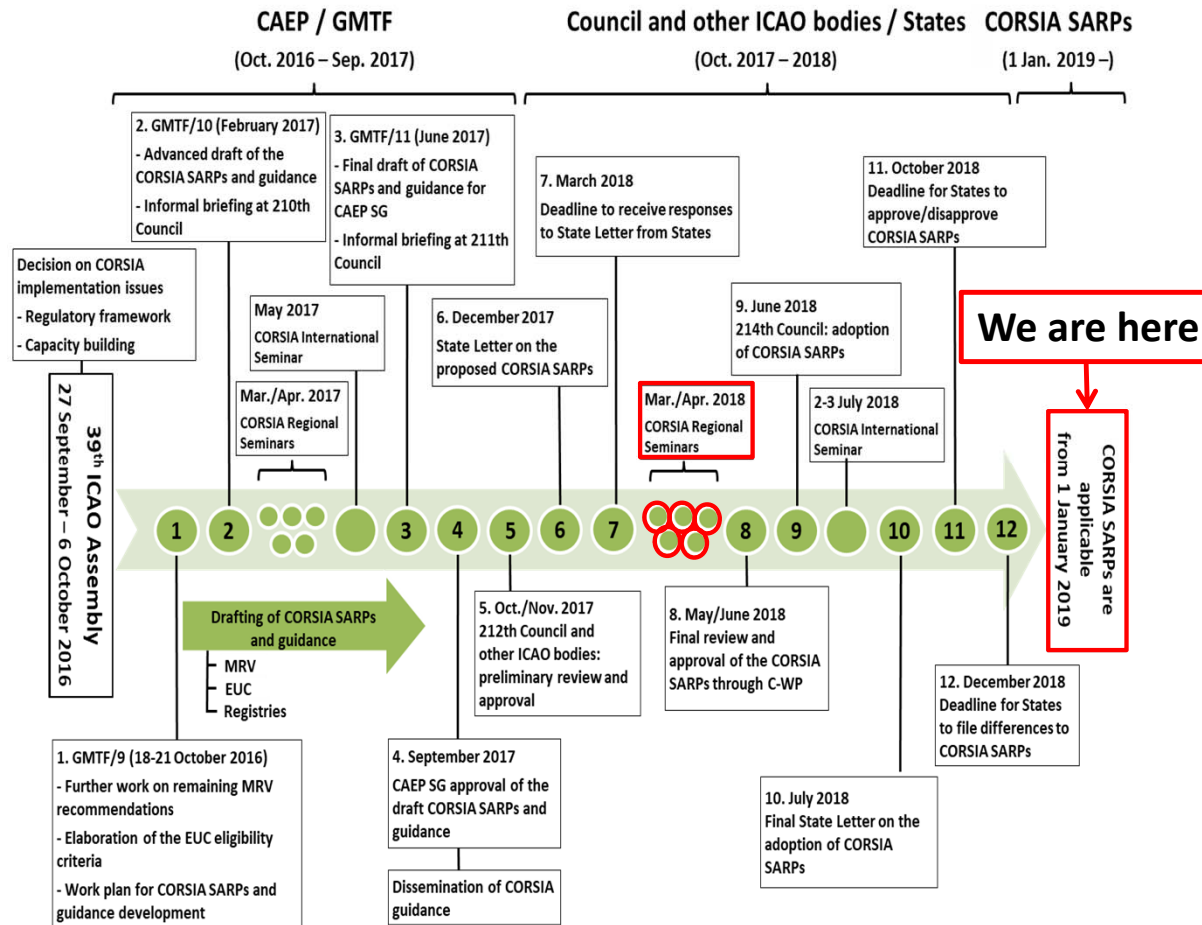
Developments since 2018 CORSIA Regional Seminars

2018 Regional Seminars on CORSIA:

- Based on draft SARPs and guidance

2019 Regional Workshops on CORSIA:

- ✓ Adopted and applicable Annex 16, Volume IV, and approved Environmental Technical Manual, Volume IV
- ✓ Implementation Elements defined:
 - ✓ 2018 CORSIA CERT available online
 - ✓ Emissions Units Criteria (EUC) approved
- ✓ ACT-CORSIA Buddy Partnerships established

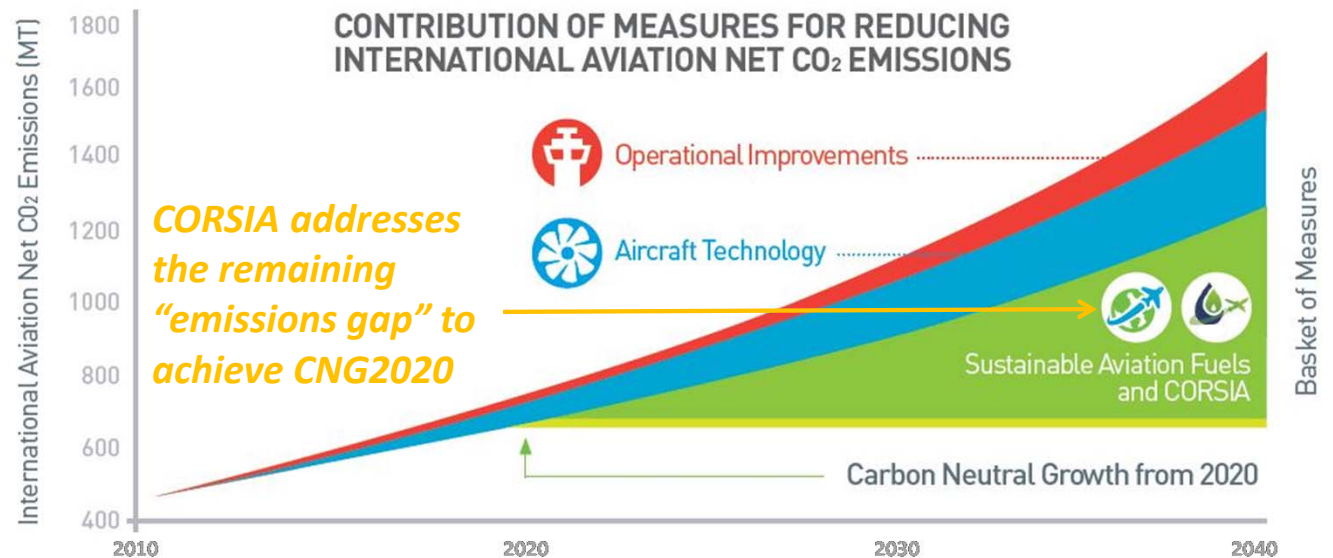


Adopted through Assembly Resolution 39-3

The first global MBM scheme for any industry sector

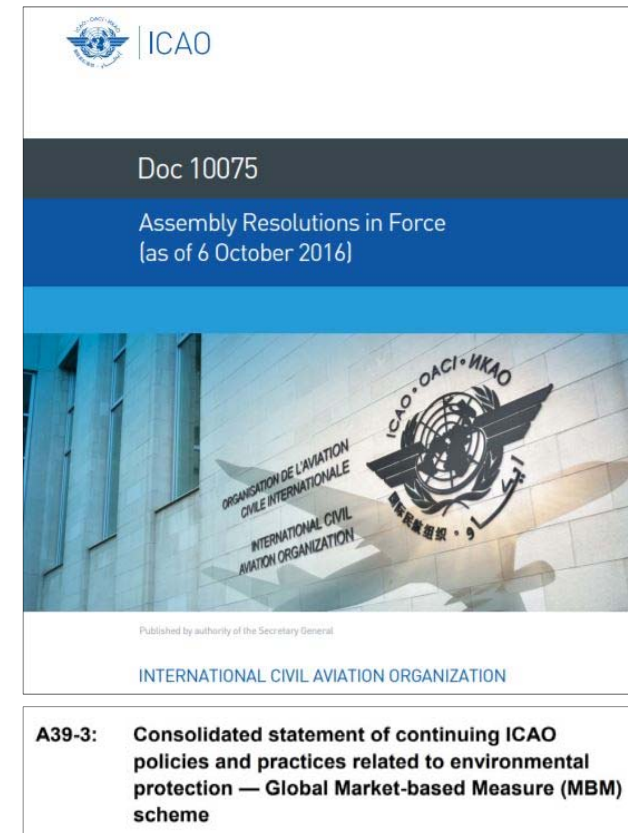
To achieve ICAO’s global aspirational goal of carbon neutral growth from 2020 (CNG 2020), CORSIA is one complementary element in the basket of measures to:

- aircraft technology
- operational improvements
- sustainable aviation fuels



Assembly Resolution A39-3

- Key design features of CORSIA:
 - Phased implementation (paragraph 9)
 - Emissions coverage: route-based approach (paragraph 10)
 - Offsetting requirements (paragraph 11)
 - New entrants (paragraph 12)
 - Technical exemptions (paragraph 13)
 - Review mechanism (paragraphs 9g and 18)
- CORSIA implementation features:
 - Monitoring, Reporting and Verification (paragraphs 15, 20a and 20b)





Video – CORSIA Overview



<https://www.youtube.com/watch?v=OUfhLkMhc8w&t>



Video – CORSIA Implementation



<https://www.youtube.com/watch?v=D0tAy0apYII>

Format of the Workshop

- Facilitate the understanding, and encourage the engagement, of participants in the discussion on the CORSIA's implementation aspects:
 - Presentations and practical demonstrations to bring all participants to a common level of understanding on CORSIA requirements (8 presentations and 4 demonstrations by Secretariat)
 - Small group exercises and feedback (2 small group exercises moderated by facilitators)
 - State experiences on ACT-CORSIA buddy partnerships





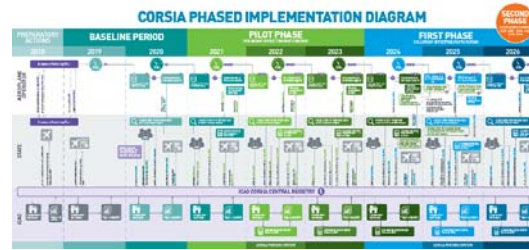
Workshop Schedule – Day 1

DAY 1	
08:30 – 09:00	Workshop registration
09:00 – 09:45	Opening ceremony – Welcome Session and workshop objectives Introduction to the CORSIA
09:45 – 10:30	Session 1: Overview of CORSIA: Annex 16, Volume IV <ul style="list-style-type: none">• Presentation followed by question and answer period
10:30 – 10:45	Coffee Break
10:45 – 12:30	Session 2: CORSIA MRV System: Monitoring of CO ₂ emissions <ul style="list-style-type: none">• Presentation followed by question and answer period• Practical demonstration on Emissions Monitoring Plan (EMP) template, and ICAO CORSIA CO₂ Estimation and Reporting Tool (CERT)
12:30 – 13:30	Lunch Break
13:30 – 15:00	Session 2: CORSIA MRV System: Monitoring of CO ₂ emissions (cont'd) <ul style="list-style-type: none">• Presentation on ICAO ACT-CORSIA Buddy Partnerships• Information sharing between the participants on EMPs, and emissions monitoring
15:00 – 15:15	Coffee Break
15:15 – 17:00	Session 3: CORSIA MRV System: Reporting of CO ₂ emissions <ul style="list-style-type: none">• Presentation followed by question and answer period• Practical demonstration on Emissions Report template• Small group exercise on CORSIA design elements, administrative aspects, monitoring and reporting requirements• Small group exercise feedback



Workshop Schedule – Day 2

DAY 2	
09:00 – 09:15	Recap of day 1
09:15 – 10:45	Session 4: CORSIA MRV System: Verification of CO ₂ emissions <ul style="list-style-type: none">• Presentation followed by question and answer period• Practical demonstration on Verification Report template
10:45 – 11:00	Coffee Break
11:00 – 12:30	Session 4: CORSIA MRV System: Verification of CO ₂ emissions (cont'd) <ul style="list-style-type: none">• Small group exercise on verification of CO₂ emissions• Small group exercise feedback
12:30 – 13:30	Lunch Break
13:30 – 14:30	Session 5: CORSIA Central Registry (CCR) and timelines for CORSIA implementation <ul style="list-style-type: none">• Presentation on the CCR and the upcoming CORSIA deadlines, and overview of an online spreadsheet for reporting CORSIA-specific information
14:30 – 15:00	Session 6: CORSIA offsetting requirements <ul style="list-style-type: none">• Presentation followed by question and answer period
15:00 – 15:15	Coffee Break
15:15 – 16:30	Session 6: CORSIA offsetting requirements (cont'd) <ul style="list-style-type: none">• Presentation followed by question and answer period (cont'd)
16:30 – 17:00	Wrap up and closing



ICAO / Environmental Protection / CORSIA

- ENV Homepage
- CORSIA Homepage
- CORSIA IMPLEMENTATION
- ACT CORSIA

Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)

CORSIA News (click here to consult the complete list)

19-25 Jan 2019

Trinidad & Tobago and Jamaica received training under the ACT-CORSIA Buddy Partnership with Germany



CORSIA IMPLEMENTATION

- Assembly Resolution A39-3
- SARPs - Annex 16 Volume IV
- Environmental Technical Manual - Volume IV (New)
 - Templates (New)
- ICAO CORSIA Implementation Elements
 - ICAO CORSIA CO₂ Estimation and Reporting Tool (CERT)
 - CORSIA Eligible Fuels
 - CORSIA Eligible Emissions Units
 - CORSIA Central Registry (CCR)

ACT CORSIA

- CORSIA Buddy Partnerships
- Model Regulations
- Frequently Asked Questions
- Brochure and Leaflets
- Videos
- Seminars
- Online Tutorials
- Background Information

Additional Material for CORSIA Implementation



For more information, please visit our website: <http://www.icao.int/corsia>