



AFRICAN CIVIL AVIATION COMMISSION
30th AFCAC PLENARY SESSION
(LIVINGSTONE, ZAMBIA, 4 – 5 DECEMBER 2018)

Agenda Item 6: Inputs for 2019-2021 AFCAC Triennium Activities

Session1: SUSTAINABLE DEVELOPMENT OF AIR TRANSPORT

Theme: Single African Air Transport Market – PROGRESS AND SUSTAINABILITY

DEVELOPMENT OF STATE ACTION PLANS AND IMPLEMENTATION OF CARBON OFFSETTING AND REDUCTION SCHEME FOR INTERNATIONAL AVIATION (CORSA)

(Presented by the Secretariat)

EXECUTIVE SUMMARY

This paper presents the status of the member States regarding the development and submission to ICAO State Action Plans for CO₂ emission reduction in line with the 39th ICAO Assembly Resolution and the Decision of the 26th AFCAC Extra-Ordinary Plenary Session held in Gaborone, Botswana from 10 - 11 November 2016.

The Working Paper also highlights challenges faced by Member States and solicits Capacity-building Programs.

Action: The Plenary is invited to:

- a) Note the contents of this paper;
- b) Adopt the attached Draft Resolution

<i>Strategic Objectives:</i>	This working paper relates to AFCAC Strategic Objective D: Environmental Protection
<i>Financial implications:</i>	The activities referred to in this paper will be undertaken subject to the financial resources available in the 2019–2020 Regular Programme Budget and/or from any extra-budgetary contributions from partners.
<i>References:</i>	A39-WP/54 States' Voluntary Action Plans on CO ₂ Emissions Reduction activities 26th AFCAC Extra-Ordinary Plenary report Assembly Resolution, A38-18, A39-2 and A39-3. ICAO State letter Ref. AN 1/17.14 – 18/78 on adoption of the 1st edition of Annex 16, Volume IV, 20 July 2018.

1. INTRODUCTION

- 1.1. ICAO Assembly Resolution A38-18 noted the capacity building that was undertaken to assist the preparation and submission of States' Action Plans on CO₂ Emissions Reduction activities, including the holding of hands-on training workshops and the development of guidance material, an interactive web-interface and other ICAO tools. The resolution further invited States to develop and submit new or updated Action Plans for reducing CO₂ emissions from international aviation.
- 1.2. The State Action plans were to assist States identify quantifiable mitigation measures, document and facilitate assistance needed to implement such measures. The action plans would indeed assist ICAO assess the progress towards the achievement of the global aspirational goals. AFCAC Member States on the other hand would have benefited from the same by identifying areas of assistance and support needed to implement the documented mitigation measures.
- 1.3. The newly introduced ICAO SARPs with respect to requirements of Volume IV of Annex 16 on Environmental Protection - *Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)* as adopted by the Council of ICAO will be a key area of focus in regards to environmental protection for all States. To this end, ICAO issued a State Letter Ref: AN 1/17.14 – 18/78 on the Subject of Adoption of the First Edition of Annex 16, Volume IV on 20 July 2018.
- 1.4. The ICAO Council adopted the First Edition of the Annex 16, Volume IV on 27 June 2018 with 1 January 2019 set as the applicable date for the elements concerning the development and application of Standards and Recommended Practices (SARPs) for CORSIA implementation. Importantly is the *monitoring, reporting and verification (MRV)* requirements related to CO₂ emissions from international flights for all States and their aeroplane operators from 1 January 2019.

2. DEVELOPMENTS AND PROGRESS MADE SINCE LAST PLENARY

2.1. STATES' ACTION PLANS FOR REDUCING CO₂ FROM INTERNATIONAL AVIATION

2.1.1. In collaboration with ICAO, AFCAC has organized in the last triennium (2016-2018) facilitation workshops and capacity building Sessions in the various regions to encourage States. In collaboration with ICAO and Regional Economic Communities, capacity building workshops were held consecutively in Lagos (August 23-25th 2017) and Lusaka (August 28-30th 2017).

2.1.2. It is indeed worth noting that 12 African States benefited from the joint ICAO-EU assistance project for Capacity building on CO₂ mitigation from international aviation. The project was designed to assist those States to develop and implement their State' Action Plans, to establish aviation environmental systems for emissions monitoring at the State level and to identify, evaluate and implement mitigation measures in selected States.

2.1.3. Currently, there are 24 AFCAC Member States (representing only 44% of AFCAC's membership) that have so far prepared and submitted their State Action Plans to ICAO.

2.1.4. A total of 31 African States (56%) have not developed and submitted their State Action Plans to ICAO. More is therefore required in order to assist these States to do so and benefit from the potential assistance available for the implementation of the mitigation measures.

2.2. CARBON OFFSETTING AND REDUCTION SCHEME FOR INTERNATIONAL AVIATION (CORSA)

2.2.1. ICAO's Annex 16 Volume IV designed to implement CORSIA was recently adopted in June 2018, which requires States among others to establish national regulatory frameworks for monitoring, reporting and verification (MRV).

2.2.2. Regarding the implementation of the Market-based measures (MBMs) – Carbon Offsetting and Reduction Scheme for International Aviation (CORSA), AFCAC organized, a Symposium on Aviation Environment and Climate Change. The Symposium, organized prior to the ICAO High Level Conference on Environment discussed and established common position on the Global MBM Scheme. It also served as a forum for the exchange of views and information on the proposed ICAO Global Market Based Measure (GMBM) scheme.

2.2.3. AFCAC in collaboration with ICAO facilitated workshops and training seminars to further support States in the development of State Action Plans initiatives and take preparatory actions for CORSIA consecutively in Lagos (23-25 August 2017) and Lusaka (28-30 August 2017).

2.2.4. AFCAC had intended to hold two 3-days back to back seminars/workshops with ICAO in collaboration with the AUC and later with ECAC during 2018 but postponed due to logistical and resource constraints.

2.2.5. As of 13 November 2018, only 8 African States namely: Burkina Faso, Cameroon, Equatorial Guinea, Gabon, Kenya, Namibia, Nigeria and Zambia have notified ICAO of their intention to participate on a voluntary basis in the scheme from the onset. The proposed date for the start of implementing CORSIA particularly Monitoring, Review and Validating (MRV) of 1st January 2019 is drawing closer.

3. CONCLUSIONS

- 3.1. All member States should develop and submit their Action Plans in order to better understand the challenges and the assistance needed to implement the mitigation measures at a continental level and to enable AFCAC and ICAO in collaboration with Partners provide capacity building programs.
- 3.2. States have expressed various challenges relating to human/technical capacity to develop State Action plans and also become more evident that there is critical need for capacity building to help states with the newly introduced CORSIA related requirements.
- 3.3. There is a need to upscale and build technical and human capacity to implement these two major global environmental protection initiatives in line with ICAO's spirit of "No country left behind" initiative for these States.

4. THE PLENARY IS INVITED TO;

- a) Request the AUC and Partners, to mobilize and avail resources to AFCAC to support capacity building efforts on preparation of State Action Plans on CO₂ mitigation and Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA);
- b) Instruct the Secretariat of AFCAC to develop programs with partners and provide capacity building opportunities to AFCAC member States including preparation of State Action Plans on CO₂ mitigation and Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA);
- c) Approve the formation of a dedicated Working Group of AFCAC composed of Environment Experts from member States;
- d) Request member States to release their Environment experts to the Working Group of AFCAC to provide capacity building program and to enhance buddy program among member States ;
- e) Request RECs to build partnerships (Buddy programs) among African States in collaboration with AFCAC and ICAO to assist each other in the development of State Action Plans on CO₂ mitigation and also implement the MBM - CORSIA.
- f) Encourage all Member States to volunteer to fully participate in CORSIA from the onset as part of early preparatory actions for the continent;
- g) Approve the attached Draft Resolution.



ATTACHMENTS WP/04/A

DRAFT RESOLUTION ON DEVELOPMENT OF STATE ACTION PLANS AND IMPLEMENTATION OF CARBON OFFSETTING AND REDUCTION SCHEME FOR INTERNATIONAL AVIATION (CORSA)

The Plenary,

Recognising the significant role air transport is playing in economic and social development, and in the expansion of trade and international travel;

Recognizing, that Environmental Protection and especially reduction of Carbon Emissions related to international aviation has become an important issue in Civil Aviation;

Further Recognizing, ICAO's lead role in the formulation of Standard and Recommended Practices for International Aviation;

Recalling, the ICAO Assembly Resolution A38-18 on the development and submission of State Action Plans for Reducing CO₂ emissions from international aviation, and also on areas of implementation support required by States;

Also Recalling, the Assembly Resolution A38-18 on the development of a global market based measure (GMBM) for international aviation and the subsequent Assembly Resolution A39-3 on the implementation of the GMBM scheme in the form of Carbon Offsetting and Reduction Scheme for International Aviation (CORSA);

Considering the newly introduced ICAO SARPs with respect to requirements of Volume IV of Annex 16 on Environmental Protection - Carbon Offsetting and Reduction Scheme for International Aviation (CORSA) adopted by the Council of ICAO;

Noting, the challenges expressed by African Environment experts relating to human/technical capacity gaps to develop State Action plans and also implement the newly introduced CORSA related requirements;

Mindful of, the "No Country Left Behind" main objective of ICAO.

Recognizing, the African Union vision of "An integrated, prosperous and peaceful Africa, driven by its own citizens and representing a dynamic force in International arena" and the realization of AU-Agenda 2063 as a key priority;

Cognizant of, States responsibilities to comply with ICAO Standards and Recommended Practices (SARPs);

Concerned by, the low level of preparedness of Africa and the challenges relating to human/technical capacity to develop State Action plans and implement the newly introduced CORSA related requirements;

The Plenary Resolves,

- a) To appeal to the AUC and Partners, to mobilize resources to support capacity-building efforts on preparation of State Action Plans on CO₂ mitigation and Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA);
- b) To form a dedicated Working Group of AFCAC composed of Environment Experts from member States and RECs;
- c) Urging Member States to release their Environment experts to provide capacity-building and assistance, and to enhance buddy program among States and enable AFCAC to effectively coordinate and collaborate with ICAO and Partners in addressing the challenges and concerns for the African continent;
- d) Urging RECs to build partnerships (Buddy programs) among African States in collaboration with AFCAC and ICAO to assist each other in the development of State Action Plans on CO₂ mitigation and also implement the MBM – CORSIA;
- e) Encouraging all Member States to volunteer to fully participate in CORSIA from the onset as part of early preparatory actions for the continent;