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Agenda Item 6: Air Navigation Matters
6.4 Regional Action Plan on States' CO₂ Emission Reduction Activities in Aviation and Their Implementation

REGIONAL ACTION PLAN ON STATES' CO₂ EMISSION REDUCTION ACTIVITIES IN AVIATION AND THEIR IMPLEMENTATION

(Presented by Secretariat)

EXECUTIVE SUMMARY	
<p>This paper provides a summary of current ICAO activities related to initiatives to assist States with the preparation of action plans on CO₂ emission reduction, stemming from international civil aviation and the associated ICAO 38th Session Assembly Resolution A38-18.</p>	
Action:	Encourage States to submit their voluntary action plans outlining their respective policies and actions, and annually reporting international aviation CO ₂ emissions to ICAO.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Environmental Protection
<i>References:</i>	<ul style="list-style-type: none">• ICAO Assembly 37th Session, Resolution A37-19, 28 September – 8 October 2010, ICAO Headquarters, Montreal, Canada• ICAO Assembly 38th Session, Resolution A38-18, 24 September to 4 October 2013, ICAO Headquarters, Montreal, Canada• State Letter Ref. <i>EMX0250</i> dated 15 March 2012, on States' Action Plans on CO₂ Emission Reduction Activities• State Letter <i>ENV 4/1 – 12/45</i>, dated 18 June 2012, ICAO States Action Plans on CO₂ Emissions Reduction Activities• State Letter Ref. <i>EMX0051</i> dated 28 January 2014, ICAO International Aviation and Environmental Seminar• https://portal.icao.int/APER• http://www.icao.int/environmental-protection/Pages/Tools.aspx

1. Introduction

ICAO ASSEMBLY 38TH SESSION RESOLUTION A38-18 (Supersede Resolutions A37-18 and A37-19)

1.1 ICAO held the 38th Session of the Assembly from 24 September to 4 October 2013, and adopted Resolution A38-18 on international aviation and climate change. A number of key aspects on State action plans were raised and included in Resolution A38-18. The Resolution encourages States to submit their voluntary action plans outlining their respective policies and actions, and annually reporting to ICAO on international aviation CO₂ emissions. It also invites those States that choose to prepare or update their actions plans to submit them to ICAO as soon as possible, preferably by the end of June 2015 and once every three years thereafter.

1.2 The Resolution also highlights that action plans should include information on the expected environmental benefits to be accrued from the implementation of the measures selected from the set of measures, and information on any specific assistance needed. It further encourages States that already submitted their action plans to share the information contained therein and build partnerships with other States in order to support those States that have not yet prepared their action plans.

1.3 States are also encouraged to make their action plans publically available, taking into consideration the commercial sensitivity of information contained in States' action plans. The Assembly requested the Council to continue providing guidance and other technical assistance for the preparation and update of State action plans, prior to the end of June 2015 in order for States to conduct the necessary studies and to voluntarily submit their action plans to ICAO.

2. Action Plans

2.1 Action plans are a planning and reporting tool for States to communicate information on their activities to address CO₂ emissions from international civil aviation to ICAO. The level of detail of the information contained in an action plan will ultimately enable ICAO to compile global progress towards meeting the goals set by Assembly Resolution A38-18.

2.2 Action plans give ICAO Member States the ability to: establish partnerships, promote cooperation and capacity building, facilitate technology transfer, and provide assistance

2.3 A key aspect of successfully developing and implementing an action plan is the degree and nature of collaboration among different stakeholders within a State. These can include, among others, aviation and environmental authorities, airlines and airports, air navigation service providers, statistical departments and fuel providers. Collecting information from these stakeholders and consolidating this input into an action plan ensures that the development of the plan is based on a cooperative process and that the measures contained therein are accurate, comprehensive, and feasible to implement.

2.4 Receipt of the action plans will also assist ICAO in identifying and responding to States' needs for technical and financial assistance to implement such actions. The importance of the action plans is demonstrated not only by the relevant provisions of Resolution A37-19, but is further highlighted by Resolution A38-18.

3. Assistance to States

3.1 Technical transfer: ICAO provides services of international consultants and instructors, through the Technical Cooperation Bureau (TCB), and the establishment and development of Civil Aviation Training Centres (CATCs).

3.2 Technical support: ICAO Environment Branch has developed different tools that support the calculation of Carbon Emissions (ICAO Carbon Emissions Calculator, ICAO Meeting Emissions Calculator) and estimate fuel saving (ICAO Fuel Savings Estimation Tool).

3.3 *Doc 9988* – Guidance on the Development of States' Action Plans on CO₂ Emissions Reduction Activities: This document has been developed with the goal of accommodating the various levels of experience among States in the development of similar national reports. In addition to facilitate the preparation of an action plan, the expectation is that this guide will contribute to improve the reporting of CO₂ emissions and the implementation of mitigation projects for international aviation.

3.4 Web Interface: ICAO has developed a dedicated web interface that can be used by States to upload and submit action plans electronically. Instructions for the on-line submission, as well as training material, including a step-by-step guide and examples, can be downloaded by States from the ICAO secure web site.

3.5 France, Trinidad and Tobago and United States action plans are already online.

3.6 Seminars: ICAO provides different workshops, seminars around the world; special training can be requested from States. A seminar was developed for the CAR Region, from 31 March to 4 April 2014, held at the ICAO NACC Regional Office, Mexico City, Mexico.

4. Action by the Meeting

4.1 The Meeting is invited to:

- a) continue considering environmental issues in the planning and implementation of regional air navigation systems;
- b) thank those States that submitted their action plans and encourage the rest to prepare or update their actions plans to submit them to ICAO as soon as possible;
- c) encourage States to submit their voluntary action plans outlining their respective policies and actions, and annually reporting international aviation CO₂ emissions to ICAO; and
- d) examine the Conclusion ANI/WG/2/4 – Reporting of fuel saving initiatives, which refers to proposed PBN initiatives within the CAR Region.