

**ICAO Regional Seminar on States' Action Plans and  
the Carbon offsetting and Reduction Scheme for International Aviation (CORSA)**

**Rio De Janeiro, Brazil, 27 – 30 March 2017**

**Agenda**

<b>Seminar on States' Action Plans (27 – 28 March)</b>	
<b>27 March</b>	
07.30 – 08.00	Registration
08.00 – 12.00	Tutorial – Baseline Calculation (Focal Points only) This tutorial will be open to Focal Points only. Focal Points are invited to join the tutorial with their own dataset and a laptop, so they can develop their own baseline.
12.00 – 13.00	Seminar registration
13.00 – 13.30	Opening Ceremony – Welcome Session and Seminar Goals
13.30 – 14.30	Introduction to States' Action Plans <ul style="list-style-type: none"> <li>- Background information on the ICAO States' Action Plans initiative</li> <li>- Overview of the content of an Action Plan</li> <li>- Description of the relationship between the States' Action Plans initiative and CORSIA</li> </ul>
14.30 – 15.00	Discussion and Wrap-Up
<b>28 March</b>	
08.00 – 09.00	The States' Action Plan Process <ul style="list-style-type: none"> <li>- Information on project management</li> <li>- Build effective National Action Plan Teams</li> <li>- States' collection and reporting of robust data</li> </ul>
09.00 – 10.00	ICAO Supporting Tools <ul style="list-style-type: none"> <li>- Presentation of the ICAO Fuel Savings Estimation Tool (IFSET)</li> <li>- Presentation of the ICAO Carbon Calculator</li> <li>- Explanation of the Rule of Thumb and presentation of the Environmental Benefits Tool (EBT)</li> <li>- Description and use of the Aviation Environmental System (AES)</li> </ul>
10.00 – 10.30	Coffee Break
10.30 – 12.00	Overview of Mitigation Measures <ul style="list-style-type: none"> <li>- Presentation of ICAO's Basket of Measures</li> <li>- For each measure, definition, identification of the stakeholders involved, opportunities to collect data, possibility to estimate costs and CO<sub>2</sub> emissions reduction potential</li> <li>- Relevance of each Measure to the States' Action Plans</li> </ul>
12.00 – 13.00	Lunch Break
13.00 – 13.45	Selection and Prioritization of Measures <ul style="list-style-type: none"> <li>- The importance of Feasibility Studies</li> <li>- Propose criteria to select the mitigation measures to be implemented</li> <li>- Concrete case studies from the ICAO-European Union project</li> </ul>
13.45 – 14.30	Benefits to States and Stakeholders (45 mins) <ul style="list-style-type: none"> <li>- Description of the general benefits to States and to the Aviation Sector</li> <li>- Identification of pathways to maximize these benefits</li> <li>- Concrete case studies: ICAO capacity-building and assistance projects as a means to realize all benefits resulting from the development of States' Action Plans</li> </ul>
14.30 – 15.00	Next Steps and States' Action Plans Seminar Closing

<b>Seminar on the Carbon offsetting and Reduction Scheme for International Aviation (CORSA)</b> <b>(29 – 30 March)</b>	
<b>29 March</b>	
08.00 – 08.30	Introduction to the CORSA implementation seminar <ul style="list-style-type: none"> <li>Objectives of the seminar</li> <li>Overview of the Carbon Offsetting and Reduction Scheme for International Aviation (CORSA) as part of the basket of measures</li> </ul>
08.30 – 09.00	Presentation: CORSA and Resolution A39-3 (Part 1) <ul style="list-style-type: none"> <li>Provisions for participation in CORSA <ul style="list-style-type: none"> <li>Phased implementation: pilot, first and second phase</li> <li>Voluntary participation and RTK criteria; exemptions</li> </ul> </li> <li>Emissions coverage in CORSA <ul style="list-style-type: none"> <li>Route-based approach</li> <li>New entrants; no redistribution; compliance cycle</li> </ul> </li> <li>Questions and answers</li> </ul>
09.00 – 10.00	Small group exercise <ul style="list-style-type: none"> <li>Participation and emissions coverage in CORSA</li> </ul>
10.00 – 10.30	Coffee Break
10.30 – 11.00	Small group exercise <ul style="list-style-type: none"> <li>Feedback from small groups</li> </ul>
11.00 – 12.00	Presentation: CORSA and Resolution A39-3 (Part 2) <ul style="list-style-type: none"> <li>Calculation and distribution of offsetting requirements in CORSA <ul style="list-style-type: none"> <li>Calculation of emissions baseline</li> <li>Dynamic approach; individual and collective share in calculation of offsetting requirements</li> </ul> </li> <li>CORSA implementation elements</li> <li>Questions and answers</li> </ul>
12.00 – 13.00	Lunch Break
13.00 – 14.00	Small group exercise <ul style="list-style-type: none"> <li>Calculation and distribution of offsetting requirements in CORSA</li> </ul>
14.00 – 14.30	Small group exercise <ul style="list-style-type: none"> <li>Feedback from small groups</li> </ul>
14.30 – 15.00	Presentation: CORSA MRV System <ul style="list-style-type: none"> <li>Overview of MRV procedures; purpose of MRV</li> <li>Information on expected roles and responsibilities in the MRV process; what States and operators need to do in order to implement MRV</li> <li>Questions and answers</li> </ul>
<b>30 March</b>	
08.00 – 09.00	Recap of Day 3 Small group exercise <ul style="list-style-type: none"> <li>Development of CORSA CO<sub>2</sub> emissions report</li> </ul>
09.00 – 09.30	Small group exercise <ul style="list-style-type: none"> <li>Feedback on discussions held in small groups</li> </ul>
09.30 – 10.00	Presentation: Emissions units and Registries <ul style="list-style-type: none"> <li>What is an emissions unit, and how emissions units are being created</li> <li>How the environmental integrity of emissions units is ensured</li> <li>Information on carbon markets and how to access them</li> <li>Roles and responsibilities in the CORSA registry system</li> <li>Questions and answers</li> </ul>
10.00 – 10.30	Coffee Break
10.30 – 11.30	Small group exercise <ul style="list-style-type: none"> <li>Flow of CO<sub>2</sub> emissions data and emissions units under CORSA</li> </ul>
11.30 – 12.00	Small group exercise <ul style="list-style-type: none"> <li>Feedback on discussions held in small groups</li> </ul>

12.00 – 13.00	Lunch Break
13.00 – 14.30	Presentation and discussion: capacity building needs and next steps <ul style="list-style-type: none"><li>• Timeline for CORSIA implementation</li><li>• Assessing States' current readiness; identifying assistance needs</li><li>• Planned assistance and capacity building activities</li><li>• Questions and answers</li></ul>
14.30 – 15.00	Closing Remarks by ICAO Secretary General, Dr. Fang Liu