

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

**Nairobi, Kenya, 10-13 April 2017**

**Agenda**

| <b>Seminar on States' Action Plans (10-11 April)</b> |                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>10 April</b>                                      |                                                                                                                                                                                                                                                                                                                                                                                                    |
| 08.00 – 08.30                                        | Registration                                                                                                                                                                                                                                                                                                                                                                                       |
| 08.30 – 10.30                                        | Tutorial – Baseline Calculation (Focal Points only) – Part 1<br>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.                                                                                                                                                        |
| 10.30 – 11.00                                        | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                       |
| 11:00 – 12:30                                        | Tutorial – Baseline Calculation (Focal Points only) – Part 2                                                                                                                                                                                                                                                                                                                                       |
| 12.30 – 13.30                                        | Seminar registration                                                                                                                                                                                                                                                                                                                                                                               |
| 13.30 – 14.00                                        | Opening Ceremony – Welcome Session and Seminar Goals                                                                                                                                                                                                                                                                                                                                               |
| 14.00 – 15.00                                        | 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>                                                                                 |
| 15.00– 15.30                                         | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                       |
| 15.30 – 16.00                                        | Discussion and Wrap-Up                                                                                                                                                                                                                                                                                                                                                                             |
| <b>11 April</b>                                      |                                                                                                                                                                                                                                                                                                                                                                                                    |
| 08.30 – 09.30                                        | 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>                                                                                                                                                             |
| 09.30 – 10.30                                        | 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>                      |
| 10.30 – 11.00                                        | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                       |
| 11.00 – 12.30                                        | 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> |
| 12.30 – 13.30                                        | Lunch Break                                                                                                                                                                                                                                                                                                                                                                                        |
| 13.30 – 14.00                                        | 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> |
| 14.00 – 14.30                                        | 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>                                                                                                           |
| 14.30– 15.00                                         | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                       |

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| 15.00 – 15.30 | Benefits to States and Stakeholders <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> |
| 15.30 – 16.00 | Next Steps and States' Action Plans Seminar Closing                                                                                                                                                                                                                                                                                                                                                          |

| <b>Seminar on the Carbon offsetting and Reduction Scheme for International Aviation (CORSIA)<br/>(12 – 13 April)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>12 April</b>                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 08.30 – 09.00                                                                                                        | Introduction to the CORSIA 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 (CORSIA) as part of the basket of measures</li> </ul>                                                                                                                                                                                                                                                                 |
| 09.00 – 09.30                                                                                                        | Presentation: CORSIA and Resolution A39-3 (Part 1) <ul style="list-style-type: none"> <li>• Provisions for participation in CORSIA <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 CORSIA <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> |
| 09.30 – 10.30                                                                                                        | Small group exercise <ul style="list-style-type: none"> <li>• Participation and emissions coverage in CORSIA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10.30 – 11.00                                                                                                        | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 11.00 – 11.30                                                                                                        | Small group exercise <ul style="list-style-type: none"> <li>• Feedback from small groups</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 11.30 – 12.30                                                                                                        | Presentation: CORSIA and Resolution A39-3 (Part 2) <ul style="list-style-type: none"> <li>• Calculation and distribution of offsetting requirements in CORSIA <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>• CORSIA implementation elements</li> <li>• Questions and answers</li> </ul>                                                                                       |
| 12.30 – 13.30                                                                                                        | Lunch Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 13.30 – 14.30                                                                                                        | Small group exercise <ul style="list-style-type: none"> <li>• Calculation and distribution of offsetting requirements in CORSIA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                              |
| 14.30 – 15.00                                                                                                        | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 15.00 – 15.30                                                                                                        | Small group exercise <ul style="list-style-type: none"> <li>• Feedback from small groups</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 15.30 – 16.00                                                                                                        | Presentation: CORSIA 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>13 April</b>                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 08.30 – 09.30                                                                                                        | Recap of Day 3<br>Small group exercise <ul style="list-style-type: none"> <li>• Development of CORSIA CO<sub>2</sub> emissions report</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                        |
| 09.30 – 10.00                                                                                                        | Small group exercise <ul style="list-style-type: none"> <li>• Feedback on discussions held in small groups</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                   |

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| 10.00 – 10.30 | 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 CORSIA registry system</li> <li>• Questions and answers</li> </ul> |
| 10.30 – 11.00 | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11.00 – 12.00 | Small group exercise <ul style="list-style-type: none"> <li>• Flow of CO<sub>2</sub> emissions data and emissions units under CORSIA</li> </ul>                                                                                                                                                                                                                                                                     |
| 12.00 – 12.30 | Small group exercise <ul style="list-style-type: none"> <li>• Feedback on discussions held in small groups</li> </ul>                                                                                                                                                                                                                                                                                               |
| 12.30 – 13.30 | Lunch Break                                                                                                                                                                                                                                                                                                                                                                                                         |
| 13.30 – 14.30 | Presentation: capacity building needs <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 | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                                        |
| 15.00 – 15.30 | Discussion: next steps                                                                                                                                                                                                                                                                                                                                                                                              |
| 15.30 – 16.00 | Closing Remarks                                                                                                                                                                                                                                                                                                                                                                                                     |