



**CAPACITY BUILDING
FOR CO₂ MITIGATION
FROM INTERNATIONAL AVIATION
FOURTH SEMINAR**

MOMBASA, KENYA, DECEMBER 12-14, 2018

AGENDA

WEDNESDAY, 12 DECEMBER 2018	
09:00 – 09:30	Registration
09:30 – 10:00	Welcome and introduction <ul style="list-style-type: none"> • Ms. Mercy Awori, Representative of Kenya on the Council of ICAO • Ms. Jane Hupe, ICAO Deputy Director, Environment • Capt. Gilbert Kibe, Director General, Kenya Civil Aviation Authority (KCAA)
10:00 – 10:45	Summary of results of the ICAO-European Union Project: Capacity Building for CO₂ mitigation from international aviation <ul style="list-style-type: none"> • Eduardo Caldera-Petit, ICAO-EU Programme Coordinator <p>This session will provide an overview of the technical assistance project and will highlight the main achievements and results in the 14 selected States over the past four years.</p>
10:45 – 11:00	Coffee Break
11:00 – 12:00	Implementation of the “Solar-at-Gate” Project at Moi International Airport in Mombasa, Kenya <ul style="list-style-type: none"> • Steve Barrett, ICAO Technical Expert (15mn) • Representative of KCAA (15mn) • Representative of KAA (15mn) • Representative of Solar Century (15mn) <p>An overview of the solar-at-gate concept as an operational measure within the ICAO Basket of Measures for the reduction of CO₂ emissions from international aviation. ICAO will showcase the expected results and relevance for the environmental programme. This will be followed by presentation of the technical specifications of the project in Mombasa by the contractor in charge of the construction of the system and the perspective of Kenya Civil Aviation Authority and Kenya Airports Authority and future plans</p>
12:00 – 13:30	Lunch Break
13:30 – 17:00	Inauguration and ribbon-cutting ceremony at Moi International Airport
18:00	Cocktail Reception
THURSDAY, 13 DECEMBER 2018	
09:00 – 09:30	Summary of project results in Africa, success stories and lessons learned <ul style="list-style-type: none"> • Didier Moukalan, ICAO-EU Technical Expert <p>This session will detail the results of the three main objectives of the project in Africa, including the mitigation measures implemented by the selected States. It will also review the challenges and lessons learned</p>
09:30 – 10:30	Sustainable Aviation Fuels (SAFs): Summary of the results of the feasibility studies on sustainable aviation fuels and implementation of the roadmap <ul style="list-style-type: none"> • Neil Dickson, ICAO Chief Environmental Standards (20mn) • Focal Point of Burkina Faso (20mn) • Focal Point of Kenya (20mn) <p>ICAO will provide an overview of ICAO’s guidance document on sustainable aviation fuels and the relevance of the feasibility studies included in the ICAO-EU Project. The Focal Points will detail the results in their States and their planned strategy to implement the roadmap and recommendations put forth in the studies</p>
10:30 – 10:45	Coffee Break

11:00 – 12:00	<p>Analysis and Learning tools developed within the project for the selected States: ICAO MAC Curve Tool (2018) and e-learning course on the development of a State Action Plan on Emissions Reduction</p> <ul style="list-style-type: none"> • Neil Dickson, ICAO Chief of Environmental Standards (45mn) • Eduardo Caldera-Petit, ICAO-EU Programme Coordinator (15mn) <p>ICAO will make a presentation and a short demonstration of the MAC Curve Tool - <i>Calculating Marginal Abatement Costs of Mitigation Measures and Corresponding Emissions Reductions</i>. This will be followed by a presentation of the e-learning course on the development of the States' Action Plan on Emissions Reduction</p>
12:00 – 13:30	Lunch Break
13:30 – 14:30	<p>Aviation Environmental System – Progress and evaluation of results</p> <ul style="list-style-type: none"> • Christelle Braun, ICAO Technical Expert (video presentation) (20mn) • Focal point of Chad (20mn) • Focal point of Kenya (20mn) <p>The Aviation Environmental System (AES) is a tool developed under the ICAO-European Union project to assist the Civil Aviation Authorities of the beneficiary States to collect environmental data and monitor their CO₂ emissions from international aviation, including monthly and annual reports automatically generated and submitted to ICAO. This session will explain the progress and results of the implementation of the AES in the beneficiary States and the feedback from the main parties involved in the process to share their experience</p>
14:30 – 15:15	<p>CORSIA latest developments and Monitoring, Reporting and Verification (MRV) provisions</p> <ul style="list-style-type: none"> • Jane Hupe, ICAO Deputy Director, Environment <p>The 39th ICAO Assembly adopted the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) as a complementary element of a broader basket of measures to help ICAO achieve its aspirational goal of carbon-neutral growth from 2020 onwards. The CORSIA implementation is expected to begin on 1 January 2019. This session will provide a progress update, including the adoption of Annex 16, Volume IV to the Chicago Convention, which contains Standards and Recommended Practices on Monitoring, Reporting and Verification (MRV) relating to CORSIA.</p>
15:15 – 15:30	Coffee Break
15:30 – 16:00	<p>Aviation Environmental System – Management and continuation beyond the project</p> <ul style="list-style-type: none"> • Christelle Braun, ICAO Technical Expert (videoconference) <p>This session will present suggested actions and processes to be implemented by the Civil Aviation Authorities to ensure the systematic use of the Aviation Environmental System for emissions monitoring and reporting in the long term</p>
FRIDAY, 14 DECEMBER 2018	
09:00 – 10:30	<p>Implementation and financing of aviation low emissions measures: renewable energy at airports</p> <ul style="list-style-type: none"> • Neil Dickson, ICAO Chief of Environmental Standards (30mn) • Representative of Airports Council International (ACI) (30mn) • Representative of Aeroports du Cameroun (ADC) (30mn) <p>This session will focus on the use of renewable energy to power airport operations as a measure to reduce CO₂ emissions from aviation. Several airports around the world have been adopting clean energy sources to cover their power demand. ICAO, with the financial support of the European Union and the Global</p>

	Environmental Facility, has developed relevant guidance, feasibility studies and implemented solar-at-gate pilot projects in Africa and the Caribbean. ACI will provide highlights on their involvement for green airports in Africa, and ADC will present the solar-at gate project implemented in Douala International Airport in the scope of the ICAO-EU Project.
0:30 – 10:45	Coffee Break
10:45 – 11:45	<p>Operational Measures: implementation of Continuous Climb Operations / Continuous Descent Operations (CCO-CDO project) implemented in Burkina Faso and Gabon</p> <ul style="list-style-type: none"> • Didier Moukalan, ICAO-EU Technical Expert (20mn) • Representative of ASECNA (20mn) • Focal point of Gabon (20mn)
11:45 – 12:15	<p>Closing Ceremony</p> <ul style="list-style-type: none"> • Representative of KCAA • Jane Hupe, ICAO Deputy Director, Environment
12:15 – 14:00	Lunch Break
14:00 – 15:30	<p>Roundtable discussion session 1: Feedback and Experience Sharing <i>(reserved to Focal Points from beneficiary States and ICAO Secretariat only)</i></p> <ul style="list-style-type: none"> • Moderated by ICAO <p>In this interactive Round Table session, Focal Points from the beneficiary States will share their perspectives and insights on their readiness to further implement their Action Plans and monitor CO₂ emissions from international aviation. To encourage experience sharing, Focal Points will form discussion groups to answer some thematic questions proposed by ICAO. The Panel discussion will focus on identifying solutions to challenges and obstacles at the national level to develop and implement Action Plans and to sustain the project results in the long-term. The Panel will also be expected to describe the follow-up activities: update of their Action Plan, submission of CO₂ emissions reports through the AES, liaison with ICAO</p>
15:30 – 15:45	Coffee Break
15:45 – 16:30	<p>Roundtable discussion session 2: Assessment and Lessons Learned on the ICAO-EU Project <i>(reserved to Focal Points from beneficiary States and ICAO Secretariat only)</i></p> <ul style="list-style-type: none"> • Moderated by ICAO <p>In this session, Focal Points will be encouraged to provide their comments with regards to the 4 years of assistance and capacity building activities through the ICAO-EU Project, what they appreciated, areas of improvements for future projects, success stories, etc.</p>
16:30	End of the Seminar