



ICAO

ICAO-UNDP-GEF Assistance Project “*Transforming the Global Aviation Sector: Emissions Reductions from International Aviation*”

ICAO “CAPACITY BUILDING SEMINAR ON LOW EMISSIONS AVIATION MEASURES

23 -24 May 2018

NADI, FIJI

PROGRAMME

DAY 1 – 23 May 2018	
08:00-09:00	Registration
09:00-9:30	Welcome and Introduction <ul style="list-style-type: none">• Mr. Sharvada Sharma, Solicitor General and Permanent Secretary for Civil Aviation, Government of Fiji• Ms. Jane Hupe, Deputy Director, Environment, ICAO
09:30-10:45	ICAO State Action Plans <p>In 2010, ICAO launched the States’ Action Plan initiative. As of May 2018, 107 States representing more than 91.8 per cent of global revenue tonne kilometres (RTK) have voluntarily developed and submitted their Action Plans to ICAO, thus outlining their strategy to deal with international aviation emissions. The States Action Plans enable States and their stakeholders to articulate in a quantified manner the range of low emissions aviation measures that they intend to implement. After providing an overview of the State Action Plan initiative, this session will explain how the ICAO-UNDP-GEF capacity-building and assistance project fits into the ICAO State Action Plan initiative.</p> <p>Moderator: Mr. Eduardo Caldera Petit, Programme Coordinator, ICAO</p> <ul style="list-style-type: none">• Ms. Jane Hupe, Deputy Director Environment, ICAO• Ms. Chrystelle Damar, Associate Environment Officer, ICAO• Dr. Stelios Pesmajoglou, Environment Officer, ICAO <p>Special Presentation by Ms. Theresa Levestam, Controller Ground Safety, Civil Aviation Authority of Fiji</p>
10.45 – 11:15	Coffee Break
11:15 – 12:45	Implementation of low emissions measures: renewable energy at airports <p>The objective of this session will be to build upon the experience gained with the implementation of the solar at-gate pilot project in Norman Manley International Airport, Jamaica and provide the audience with the most relevant information to be able to replicate such projects.</p>



	<p>Moderator: Mr. Eduardo Caldera Petit, Programme Coordinator, ICAO</p> <ul style="list-style-type: none"> Ms. Chrystelle Damar, Associate Environment Officer, ICAO on the ICAO-UNDP-GEF Guidance Document <i>Renewable Energy for Aviation: Practical Applications to Achieve Carbon Reductions and Cost Savings</i> Dr. Stelios Pesmajoglou, Environment Officer, ICAO Ms. Althea Roper, Manager, Aviation Statistics Airfares and Rates, Jamaican Civil Aviation Authority
12:45 – 14:00	Lunch break
14:00 – 15:00	<p>Session continued</p> <p>Renewable energy can be deployed by Member States and aviation stakeholders to reduce CO₂ emissions from international aviation activities. ICAO has produced guidance to help States assess renewable energy opportunities and select the solutions that best meet their operational needs. This session will explore existing renewable energy technologies and their use, issues to consider in project conceptualization, the fundamental steps for planning and developing a renewable energy project, and a summary of several project examples from existing airports in the region.</p> <p>Moderator: Ms. Chrystelle Damar, Associate Environment Officer, ICAO</p> <ul style="list-style-type: none"> Mr. Peceli Nakavulevu, Private Sector Expert of the Pacific Centre for Renewable Energy and Energy Efficiency Mr. Ken Lau, Senior Manager Technical Affairs, Airports Council International (ACI Asia-Pacific) Mr. Eduardo Caldera Petit, Programme Coordinator, ICAO <p>Question and Answers Session</p>
15:00 – 15:30	Coffee Break
15:30-17:00	<p>Implementation of low emissions measures: sustainable aviation fuels</p> <p>Sustainable aviation fuels are an essential component of ICAO’s basket of measures to reach the international aviation global aspirational goal of carbon neutral growth from 2020. More than 100,000 flights have already been operated using a portion of alternative aviation fuels, thus demonstrating the technical feasibility of such fuels and their associated environmental benefits. This breakthrough is supported, and even driven by States worldwide. Thus, this session will give access to first-hand information on how to set-up a sustainable aviation fuels supply chain.</p> <ul style="list-style-type: none"> Moderator: Ms. Jane Hupe, Deputy Director Environment, ICAO Dr. Neil Dickson, Chief Environmental Standards, ICAO, on the ICAO-



	<p>UNDP-GEF Guidance Document <i>Sustainable Aviation Fuels Guide</i>.</p> <ul style="list-style-type: none"> Ms. Angela Foster-Rice, Managing Director, Environmental Affairs and Sustainability, United Airlines Mr. Eduardo Caldera Petit, Programme Coordinator, ICAO <p>Questions and Answers Session</p>
17:00-17:30	Closing Remarks of Day 1
18:00	Cocktail reception
DAY 2 - 24 May 2018	
09:00-10:30	<p>Supporting SIDS and their aviation stakeholders in selecting measures for the State Action Plan on CO₂ Emissions Reduction Activities from International Aviation- Launch of the MAC Curve Tool.</p> <p>All ICAO Member States want to act on the environment. ICAO’s role is to carry out activities in support of States’ commitment to environmental protection. The ICAO-UNDP-GEF project has enabled the development of a unique guidance document which will support States and their aviation stakeholders in quantifying the costs and environmental benefits of 20 selected mitigation measures. Such guidance is expected to greatly facilitate the submission of quantified States’ Action Plans, and the implemented of the measures selected in the plans. This session will include a tutorial on ICAO MAC Curve Tool (2018). Calculating Marginal Abatement Costs of Mitigation Measures and Corresponding Emissions Reductions.</p> <p>Leader: Dr. Neil Dickson, Chief Environmental Standards, ICAO</p>
10:30-11:00	Coffee break
11:00 – 12:00	<p>Regulatory and Organizational Changes</p> <p>The question of governance is at the core of States’ efficient decision-making. With the objective of sound aviation environmental management in mind, this session will detail possible recommendations for States to integrate in their governance structure.</p> <p>Moderator: Dr. Neil Dickson, Chief Environmental Standards, ICAO</p> <ul style="list-style-type: none"> Ms. Chrystelle Damar, Associate Environment Officer, ICAO, on the ICAO-UNDP-GEF Guidance Document <i>Regulatory and Organizational Framework to Address Aviation Emissions</i> Mr. Espen Ronneberg, Climate Change Adviser, Secretariat of the Pacific Regional Environment Programme Mr. Eduardo Caldera Petit, Programme Coordinator, ICAO <p>Questions and Answers Session</p>
12:00 – 13:30	<p>Lunch break</p> <p>Demonstration of the Low-Carbon Aviation Knowledge-Sharing Platform</p>



<p>13:30 – 15:00</p>	<p>Financing Low Emissions Aviation Measures</p> <p>Amongst the challenges faced by States and stakeholders in implementing identified low emissions aviation measures, financing often comes on the top of the list. This session will raise awareness on the various financing mechanisms available to implement aviation measures with a positive impact on the environment, and will demonstrate that the modernization of facilities and economic development should be an integral part of the business case for renewable energy projects.</p> <p>Moderator: Ms. Chrystelle Damar, Associate Environment Officer, ICAO</p> <ul style="list-style-type: none"> • Mr. Joshua Wycliffe, Permanent Secretary for Local Government, Housing and Environment, Government of Fiji • Dr. Neil Dickson, Chief Environmental Standards, ICAO, on the ICAO-UNDP-GEF Guidance Document <i>Financing Aviation Emissions Reductions</i> • Mr. Lachlan Phillips, Director International Standards, Department of Infrastructure and Regional Development, Government of Australia <p>Questions and Answers Session</p>
<p>15:00-15:30</p>	<p>Coffee break</p>
<p>15:30-16:30</p>	<p>Renewable Energy in the Pacific: current initiatives and possible synergies</p> <p>This session will explore how to create synergies with on-going regional projects and identify possible cooperation opportunities to further advance clean energy use in the region, in line with SDG 7.</p> <p>Moderator: Ms. Jane Hupe, Deputy Director Environment, ICAO</p> <ul style="list-style-type: none"> • Mr. François Martel, Secretary General, Pacific Island Development Forum • Mr. Wairarapa Young, Project Implementation Officer, Pacific Power Association (on Global Solar Atlas) <p>Questions and Answers Session</p>
<p>16:30 – 17:00</p>	<p>Conclusions from the Seminar and next steps Fiji Civil Aviation Authority Ms. Jane Hupe, Deputy Director Environment, ICAO</p>
<p>17:00</p>	<p>End of Seminar</p>

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