

ICAO-AFRAA Aviation Data and Analysis Seminar

5-7 December 2018, Nairobi, Kenya

Objectives

The Seminar will provide an opportunity to foster the dialogue between States, international organizations and aviation stakeholders on the use of aviation data and analysis to facilitate data-driven decision making.

The Seminar will also provide participants with an opportunity to learn about the new ICAO solutions with respect to the data and analysis available to help States to optimize the social and economic benefits of air transport in the region.

ICAO Pre-Seminar Workshop*

Day 1 – 5 December 2018	
0900-0930	Registration of Delegates
0930-1015	<p>Setting the scene</p> <ul style="list-style-type: none">- Economic benefits of aviation- Current situation and trends of aviation in the region- Critical synergies between aviation, tourism and trade: emerging challenges (e-freight, RPAS, e-commerce)- Presentation of the State of Air Transport in 2016/2017- ICAO and the United Nations SDGs <p><i>Presented by ICAO</i></p>
1015-1045	Tea/Coffee Break
1045-1130	<p>States' corner</p> <p>States of the region are invited to share their experience of using data and analysis for informed policy making to sustain the growth of air transport</p> <p><i>Presented by States</i></p>
1130-1200	industry solution (open)
1200-1330	Lunch
	Demand and forecasting

1330-1430	<ul style="list-style-type: none"> - Airport demand forecasting for Long-Term planning - Competitive interactions between airports, airlines and high speed train - Alternative solutions to airport saturation: simulation models applied to congested airports <p><i>Presented by the International Transport Forum at the OECD (Organisation for Economic Co-operation and Development)</i></p>
1430-1500	Tea/Coffee Break
1500-1530	industry solution (open)
1530-1630	<p>Aviation Satellite Account</p> <p>ICAO will provide an update on the current work being carried out with States on the Aviation Satellite Account: there is an acute shortage of information on the increasingly important role of aviation in national economies worldwide. The need for reliable data using standardized concepts, definitions and methodologies to measure the economic impact of aviation is increasingly needed by governments, policy makers and industry. Recognizing this need, ICAO has initiated a strategic project called the Aviation Satellite Account (ASA).</p> <p><i>Presented by ICAO</i></p>

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Day 2 – 6 December 2018	
0900-0930	Registration of Delegates
0930-1015	<p>Opening Ceremony</p> <ul style="list-style-type: none"> - Welcome address by ICAO Regional Director and AFRAA Official - Opening remarks - Group photo
1015-1045	Tea/Coffee Break
1045-1130	<p>Air Connectivity and Competition - Air Transport Diagnostics Application (ATDA) Project</p> <p>This session will showcase the joint work of ICAO and Interdisciplinary Centre for Mathematical and Computational Modelling, University of Warsaw (ICM) in developing a state of the art application - the ATDA. The ATDA provides intelligence to Member States and stakeholders to determine the linkages between connectivity and competition at a granular level thus enabling them to take decisions to identify factors and take necessary policy measures to optimize the air transport network.</p>

	<i>Presented by the Interdisciplinary Centre for Mathematical and Computational Modelling, University of Warsaw</i>
1130-1200	<i>Industry solution presented by VariFlight</i>
1200-1330	Lunch
1330-1430	<p>Economics of Airports</p> <p>Airports are complex businesses that operate in unique and evolving physical, financial and regulatory environments. This session will provide a data-driven summary of the main economic characteristics of the airport industry drawing on ACI's battery of Airport Key Performance Indicators. In addition to the latest trends in air transport demand across the world's airports, aeronautical and non-aeronautical revenues will be explored over time. Other topics include the economic dynamics of airport throughput and economies of scale as well as an analysis of financial indicators that paint a picture of an airport's bottom line.</p> <p><i>Presented by Airports Council International</i></p>
1430-1500	Tea/Coffee Break
1500-1530	industry solution (open)
1530-1630	<p>Presentation of the new platform iCADS (ICAO Civil Aviation Data Solutions)</p> <p>iCADS is the new portal for all ICAO civil aviation data and any related information. The portal was built with the needs of the aviation industry in mind, integrating the entirety of data, business intelligence products as well as a selection of curated ICAO reports and documents.</p> <p>The all new iCADS portal represents an immersive and holistic experience into ICAO's portfolio of applications; allowing users unified to access to the multitude of datasets as well as business intelligence solutions provided by ICAO.</p> <p><i>Presented by ICAO</i></p>

Day 3 – 7 December 2018	
0900-1000	<p>Economics of Airlines</p> <p><i>Presented by AFRAA</i></p>
1000-1030	Tea/Coffee Break
1030-1130	<p>Economics of Air Navigation Services Providers</p> <p><i>Presented by ASECNA/CANSO</i></p>

1130-1200	Industry solution (open)
1200-1300	Lunch
1300-1400	<p><i>Presentation by the Kenya Airports Authority</i></p> <p>The use of data and analysis for airport planning and development</p>
1400-1500	ICAO Statistics Programme
1500-1530	Tea/Coffee Break
1530-1630	<p>States' corner</p> <p>States of the region are invited to share their experience of using data and analysis for informed policy making to sustain the growth of air transport</p> <p><i>Presented by the ICAO Regional Office and States</i></p>

*Tentative programme: themes, speakers, dates, and times may change.