



ICAO SEMINAR ON
GREEN
AIRPORTS

MONTREAL, CANADA, NOVEMBER 29-30, 2017

SPEAKER BIOGRAPHIES

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KEYNOTE SPEECH



Angela Gittens

Director General, ACI World

Angela Gittens, Director General, Airports Council International (ACI) World, voices the challenges and opportunities that airports face, and their role as engines for sustainable development. She is a tireless advocate for solutions that reconcile the environmental impacts of airport operations with the socio-economic benefits brought about by the aviation industry.

Session 1: Minimizing Impact- What are Green Airports?



Ken Conway

Manager, Aviation Environment & Sustainability, Airbiz

Ken is the person airports turn to when they pledge to become the greenest. His ability to embed the environmental performance of individual airports into the context of their business and operations is the starting point of all “green airport journeys” and Ken has supported many of them on this path, including London Heathrow, Hong Kong, Oslo Gardermoen and Dubai International Airports.

Session 1: Minimizing Impact- What are Green Airports?



Andrew Watt

Head of Unit Support to SES related policies, EUROCONTROL/CAEP WG2 co-Rapporteur

Andrew currently leads EUROCONTROL’s environment activities and puts his considerable experience to the service of ICAO CAEP Working Group 2, where he serves as a co-Chairman. Key ICAO deliverables to support airports become more environmentally-friendly have been developed under his chairmanship, including the Eco-Airport Toolkit, the update of the Airport Planning Manual Part 2 and new Circular 351 on Community Engagement for Aviation Environmental Management.

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Session 1: Minimizing Impact- What are Green Airports?



Jorge Rosillo

General Manager, Galapagos Ecological Airport

Jorge Rosillo is a Chemical Engineer from the University of California with a MBA degree from INCAE, Costa Rica. He has specialized in Public Private Partnership and Social responsibility management in different institutions in USA, Chile and Ecuador. As a consultant Mr Rosillo had active participation in the concessions of the major ports of Ecuador and also in the Airport of Guayaquil. Today he is country manager of Corporacion America, this Holding administers and operates 53 airports in the world, mainly in Latin America, but also in Europe. As a member of Corporacion America Mr Rosillo had participated on concession processes in different countries and now is also the CEO of Aeropuertos Ecologicos de Galapagos, the first ecological airport in the world with a LEED Gold Certification and Level 3 Airport Carbon Accreditation.

Session 1: Minimizing Impact- What are Green Airports?



Thomas Cuddy

Environmental Protection Specialist, U.S. FAA

Thomas works in the FAA's Airport Planning and Environmental Division responsible for environmental policy and planning for US airports, where he oversees the airport sustainability program. In other words, Thomas contributes to selecting airports that will benefit from FAA grants to implement projects that reduce their environmental impacts, while achieving economic benefits and increasing integration with local communities.

Session 1: Minimizing Impact- What are Green Airports?



Rashid Kizhakkayil

Quality & Environment Controller, Sharjah Airport Authority

Working with Sharjah Airport Authority since 2009. Member of United Arab Emirates (UAE) Aviation Environment Working Group since 2009. Actively participated in the Development of UAE State Action Plan on Aviation Environment and active member of different other sub groups of UAE GCAA Aviation Environment Working Group. Participated in UAE Green Growth Strategy Development Process. Attended ICAO CORSIA regional seminar held at Jakarta Indonesia April 2017.

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Session 1: Minimizing Impact- What are Green Airports?



Juliana Scavuzzi

Aviation Environment Specialist, ACI World

Juliana, as aviation environmental specialist at ACI World and Observer to the ICAO Committee on Aviation Environmental Protection (CAEP), knows how much all airports, large and small, work hard to reduce their environmental footprint. She has specific insights on how tailor-made IT tools can contribute to this effort.

Session 2: Stamping Green



Olivier Jankovec

Director General, ACI Europe

Olivier became Director General of the European Region of Airports Council International (ACI EUROPE) in September 2006. Since the launch of the Airport Carbon Accreditation programme by ACI EUROPE in 2009, the airport industry around the world has engaged in assessing and addressing its CO₂ emissions. Over 200 airports are now certified at one of the 4 available levels of the programme – ranging from carbon mapping all the way up to carbon neutrality. With such momentum and the recognition of international institutions, Airport Carbon Accreditation is empowering airports to turn their commitment to climate action into a reality.

Session 2: Stamping Green



Lisa Stanley

CEM, LEED AP ID+C, Director, Technical Solutions, US Green Building Council

Lisa works closely with industry leaders to increase the knowledge, financial incentives and implementation of green building practices. As a Director of Technical Solutions at the U.S Green Building Council and expert on the use of LEED in the transportation sector she is the best positioned to share the relevance of LEED certification at airports.

SPEAKER BIOGRAPHIES

Session 2: Stamping Green



Chantal Guay

Vice-President, Accreditation Services at the Standards Council of Canada

As Vice-President of SCC's Standards and International Relations Branch, Ms. Guay oversees the operation and development of the Canadian Standards Program as well as the International Standards Program. She is the Head of the Canadian Delegation at the International Organization for Standardization (ISO) and will share the value of ISO standards, as well as examples of certification using those standards.

Session 2: Stamping Green



Ivar Satero

Airport Director, San Francisco International Airport

Ivar is Director of San Francisco International Airport, and has zero as a magic number: zero carbon, zero waste to landfill, and zero net energy (unless it is from renewables), being the first Airport in the world to achieve triple zero. The airport holds also advanced certification for greenhouse gas reductions as well as LEED Gold certificate for its leadership in energy and environmental design.

Session 2: Stamping Green



Hermann Blomeyer

Vice President Environmental Affairs, Munich Airport

Hermann is heading the Environmental Department at Munich Airport, the airport which was awarded ACI Eco-innovation Award in 2017. The focus of his work is in the field of noise reduction, air quality, climate protection, water management, nature conservation and environmental compatibility. He leads tasks related to environmental management with great success. VP Hermann will share with us how environmental management and certifications support the airport's effort to become a green 5-star airport. Munich Airport has opened its new 'green' airport satellite last year and is committed to becoming CO₂ neutral by 2030.

SPEAKER BIOGRAPHIES

Session 2: Stamping Green



Mikko Viinikainen

Vice President, Sustainability & Environment, Finavia Corporation

Mikko is Vice President, Sustainability & Environment, Finavia Corporation. The Finnish airport operator has demonstrated strong environmental track records and Mikko is the man who has orchestrated them. From carbon neutrality at Helsinki Airport to a group environmental management system in accordance with ISO14001 standard, Mikko will explain how systematic approach form the building blocks of a comprehensive airport management strategy.

Session 2: Stamping Green



Brendan Reed

CEM, LEED-AP, Director, Planning & Environmental Affairs, San Diego Int. Airport

Brendan is Director of Planning and Environmental Affairs at San Diego County Regional Airport Authority, which was home to the first LEED-Platinum certified commercial airport terminal in the world. Brendan will be able to explain how such achievement was accomplished, and how these efforts are complemented by other green certificates achieved by the airport and aligned with the organization's broader sustainability goals.

Session 3: Clean Energy at Airports



Althea Roper

Manager, Jamaica CAA

Ms. Althea Roper is Aviation Statistics, Airfares and Rates manager from Jamaican CAA and strongly involved in the ICAO-UNDP- GEF capacity-building and assistance project that facilitates the installation of PV feeding the aircraft electricity needs when parked at the gate. Althea will be able to explain the process that led up to the launch of the project and how it fits into the overall policy objectives of the Jamaican government.

SPEAKER BIOGRAPHIES

Session 3: Clean Energy at Airports



Stephen Barrett

Consultant, ICAO-UNDP-GEF project

Stephen has worked with a large number of airports to help them develop and implement clean energy solutions. He now uses his invaluable knowledge to support the ICAO-UNDP-GEF capacity-building and assistance project. Stephen will introduce the audience to the specificities of a vast array of clean energy opportunities for airports and will also share what to him is the key to the successful completion of such projects.

Session 3: Clean Energy at Airports



Mario Rodriguez

CEO, Indianapolis International Airport

Mr. Rodriguez was appointed as the Executive Director of the Indianapolis Airport Authority on June 1, 2014. He is an aviation expert with over 29 years of experience in the private and public sectors and a recipient of the ACI Environmental Achievement Award. Under Mr. Rodriguez's leadership the Authority has amassed an impressive amount of awards and recognitions including top ranks in the J.D. Power North America Airport Satisfaction Study as well as having completed the largest solar farm project ever undertaken in any airport property.

Session 3: Clean Energy at Airports



Magnus Landberg

Co-funder, Minesto

Magnus Landberg, born in 1965, graduated with a Master of Science in Mechanical Engineering from Linköping University (LiU) in 1993 in Sweden. He has long experience from flight control system development and vehicle system development in hydraulics in aircrafts. He is an inventor and an industrial Ph.D. student at the Fluid and Mechatronic Systems (Flumes) group, supervised by Prof. Petter Krus. He has been a manager for different wind power projects at Saab. He has 17 patents and patent applications. Among them the Hydraulic Infinite Linear Actuator (HILA) and the Deep Green technology, that utilize slow ocean and tidal streams for generating electricity. He is a co-founder of the start-up company Minesto (www.minesto.com), which is a spin-off from the Saab Group and listed on Nasdaq First North.

SPEAKER BIOGRAPHIES

Session 3: Clean Energy at Airports



Hana Saad

Senior Manager, Development, Abu Dhabi Airports

Hana Saad has been working for Abu Dhabi Airports since 2008 as a Senior Manager for Development in the Corporate Strategy and Planning Department. She has been actively involved in the development of the Abu Dhabi International Airport Master Plan and the definition of the infrastructure expansion plans for one of the fastest growing airports in the world. Prior to joining Abu Dhabi Airports, Hana was based in San Francisco and leading Commercial Mixed Use Real Estate Developments throughout Japan. She holds a Bachelor's degree in Architecture from the University of British Columbia in Vancouver and a Masters in Business Administration from Columbia University in New York.

Session 3: Clean Energy at Airports



Mary Ellen Eagan

President and CEO, HMMH

Besides providing strategic leadership for the company, Ms. Eagan is principal-in-charge for some of the firm's most challenging projects, including Part 150 Noise Studies for the Port Authority of New York and New Jersey and support to the Federal Interagency Committee on Aircraft Noise. She is also engaged in the climate and energy practice, promoting the development of renewable energy projects at airports. Ms. Eagan is very active in the industry. She is former Chair of the Transportation Research Board's Aviation Group, and Board Chair for the Airport Consultants Council. She is also actively involved with Airports Council International, serving as co-chair of the Noise Working Group and a Business Partner to the ACI World Environment Standing Committee.

Session 4: Green Mobility- at and around the Airport



Denise Pronk

Manager Corporate responsibility, Amsterdam Airport Schiphol

Denise is responsible for sustainability at Amsterdam Airport Schiphol. Her vision is that sustainability is an integral part of the airport business. She is an acclaimed sustainability manager, who is working around the clock to improve Schiphol's sustainability performance. Denise will share with us the drive of the airport in putting up its green mobility plan.

SPEAKER BIOGRAPHIES

Session 4: Green Mobility- at and around the Airport



Jeremi Lavoie

General Manager, Car2go

Jeremi is General Manager of Car2go and will provide insights on how car-sharing solutions can demonstrate environmental benefits and fit in an overall green mobility strategy at and around airports.

Session 4: Green Mobility- at and around the Airport



Alexandre Taillefer

Founder, Teo Taxi Montreal

With an impressive record of 24 years as entrepreneur, Alexandre has taken Montreal by storm through Teo Taxi (Optimised Ecological Transportation) electric cars. Teo is the first fully integrated electric taxi company in the world and it is supporting efficient and clean transportation links to the airport.

Session 4: Green Mobility- at and around the Airport



Matt Knapp

Co-Founder and Aero Chief Engineer, Zunum Aero

Matt Knapp is Founder and Aero Chief Engineer at Zunum Aero. He has a passion for developing innovative aircraft, and prior to Zunum Aero, he was Lead Designer for the Javelin high performance jet and Lead Aerodynamicist for Pioneer Rocketplane's spacecraft. He has also consulted across major aircraft OEMs, NASA and DARPA. A certified flight instructor, Matt started building rockets and model airplanes at 5, a path which led to a BS and MS in Aerospace Engineering at MIT. Today, when he's not working, you might find him teaching others how to fly, or on a mountain peak admiring the effortless, silent flight of eagles.

SPEAKER BIOGRAPHIES

Session 4: Green Mobility- at and around the Airport



Kyle Schmidt

Vice President, Product Development and R&T Engineering, Safran Landing Systems

R. Kyle Schmidt has more than twenty years of aircraft landing gear engineering experience garnered in Canada, France, and England. An accomplished inventor having been granted over twenty patents, Kyle has also published a number of papers relating to landing gear health monitoring and event detection as well as edited two volumes on landing gear, brake, and tire advances for the Society of Automotive Engineers. Kyle is responsible for technology developments for aircraft landing systems including the Electrical Taxiing by Safran system.

Session 5: Climate Adaptation and Resilience



Dirk Glaesser

Director, Sustainable Development of Tourism, UNWTO World Tourism Organization

Dirk Glaesser is Director for Sustainable Development of Tourism Department at the World Tourism Organization (UNWTO). The department deals with the different challenges and opportunities of tourism development, among them environment and planning, investment and finance, risk and crisis management. Dr. Glaesser obtained his Ph.D. from the University of Lüneburg, Germany and won the ITB scientific award for his work on Crisis Management. He is the author of a number of publications which have been widely translated.

Session 5: Climate Adaptation and Resilience



Robert Kay

Principal, Climate Change Adaptation, ICF International

Robert has more than 27 years of experience in climate change impact assessment adaptation and coastal zone management. Robert's unique background of management and policy experience combined with his technical background in climate change vulnerability impacts and adaptation assessment, are key to help both developed and developing countries prepare for climate change impacts and design cost-effective, and adaptive responses.

SPEAKER BIOGRAPHIES

Session 5: Climate Adaptation and Resilience



Paul Williams

Professor of Atmospheric Science, Reading University

Paul is a Professor of Atmospheric Science at the University of Reading. Prof Williams develops computer models of the atmosphere and ocean, in relation to weather and climate and analyse the impact of climate change on flights. He was the lead author of a recent study on the effects of climate change on aircraft turbulence.

Session 5: Climate Adaptation and Resilience



Rachel Burbidge

Environment Officer, EUROCONTROL

Rachel has been leading EUROCONTROL's work on climate change adaptation since 2009. She is also a member of the ICAO Committee on Aviation Environmental Protection Impacts and Science Group and Airport and Operations Working Group where she co-leads work on climate adaptation. Rachel is attending this Seminar to discuss how airports can take action to build climate resilience.

Session 5: Climate Adaptation and Resilience



David Smaghe

Engineer, DGAC France

Engineer in the French civil aviation authority for 7 years, in charge of environmental issues : noise and aircraft emissions. Member of CAEP Modeling Database Group and contributor on ECAC Doc 29 and ICAO Doc 9911 for the recommended method for computing noise contours around airports. Involved in the French National adaptation Plan for climate change, I contributed to the development of the VULCLIM methodology for assessing the vulnerability of French aerodromes to climate change.

SPEAKER BIOGRAPHIES

Session 6: Community Engagement and Cooperation



Paul Hooper

Head of Enterprise Development, Manchester Metropolitan University

Professor Paul Hooper holds a Chair in Environmental Management and Sustainability and is Head of Enterprise Development in the Faculty of Science and Engineering, Manchester Metropolitan University, UK. He has been involved in a number of research projects designed to improve airport noise management strategies through enhanced communication and community engagement.

Session 6: Community Engagement and Cooperation



Christian Röhler

Head of Environmental Management, Vienna International Airport

Christian has been working as the Head of Environmental Management Department of Vienna Airport since March 2013 and has been involved in the environmental management activities of the airport since 1978. He is one of the main contributors to the mediation process related to the approval and construction of the Vienna Airport 3rd runway, the Dialog Forum.

Session 6: Community Engagement and Cooperation



Karyn Rains

Approvals and Relationships Manager, Brisbane Airport Corporation

Karyn is the Communications and Approvals Manager for the New Parallel Runway (NPR) Project at Brisbane Airport, having been a team member since 2005. A former Airport Environment Manager, she played a pivotal role in preparing the Environmental Impact Study (EIS) and gaining approval for the project, leading the ecological and airspace impact assessment areas. Her current focus is construction communications, finalising the airspace design and noise modelling, and planning for another intensive round of community engagement ahead of opening in 2020.

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Session 6: Community Engagement and Cooperation



Ted McDonald

Senior Environmental Protection Specialist, Transport Canada/CAEP WG2 co-Rapporteur

Ted is a Senior Environmental Protection Specialist with Transport Canada's Civil Aviation Directorate. He has extensive experience in environmental management and airports and also works closely with Canada's air navigation service provider, NAV CANADA, to minimize aviation environmental impacts. Over the past 15 years, Ted has supported the work of ICAO's Committee on Aviation Environmental Protection (CAEP) as an expert on a number of working groups and is currently the co-Rapporteur of Working Group 2 - Airports and Operations.

Session 6: Community Engagement and Cooperation



David Brain

Operational expert, Environment, EUROCONTROL

David is an expert in assessing the environmental benefits of operational concepts, working at EUROCONTROL. His work involves calculating the benefit pool available (in terms of fuel, CO₂ and economic savings) from optimized landing and take-off operations together with identifying the many opportunities for airports to improve their environmental operational performance. The outputs of David's work in leading a team on the quantification of global fuel and CO₂ emissions savings linked to operational improvements, are a strong driver for airports to foster cooperation with other operational stakeholders in order to optimize the networks environmental performance.

Session 6: Community Engagement and Cooperation



Tim Johnson

Director, Aviation Environment Federation

Tim has worked with the Federation for over twenty-five years, representing the voice of communities living around airports. On behalf of the environmental NGO coalition ICSA (the International Coalition for Sustainable Aviation), Tim plays an active role in ICAO's Committee on Aviation Environmental Protection. Tim won the 2014 Royal Aeronautical Society Green by Design award for his efforts to constructively move the environmental aviation debate in a landscape of sometimes conflicting interests.

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Session 7: Financing



Walid Abdelwahab

Director, Infrastructure Department, Islamic Development Bank

Walid is Director of Infrastructure Department at the Islamic Development Bank. He will reflect on the importance of environmental and sustainability considerations in the appraisal of airport projects by development finance institutions.

Session 7: Financing



Shunsuke Usami

Special Assistant to the Director for International Affairs of Airport Engineering Division, Japan Civil Aviation Bureau

Shunsuke's responsibilities as a Special Assistant to the Director of Airport Engineering Division include the promotion of environmental initiatives toward the realization of green airports and the international cooperation for overseas airport infrastructure projects. In 2005, he started to work in JFE Steel Corporation, one of the world's leading steel producers. He was engaged in the sales engineering for domestic and international infrastructure projects and the research on steel materials for the environmental protection and the social infrastructure with safety and security. In 2016, he has started to work in Civil Aviation Bureau and is dedicating his skills to government related challenges.

Session 7: Financing

Federico Patiño Márquez (TBC)

General Director of Grupo Aeroportuario de la Ciudad de México

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Session 7: Financing



Adam Klauber

Principal, Aviation Operations, Carbon War Room

As the Aviation Director for Carbon War Room/Rocky Mountain Institute, Adam Klauber heads a program to activate market-based solutions for climate protection. In this endeavour, Adam's team equips airports to adopt sustainable aviation fuels for routine operations, and he is convinced that a collaborative approach can trigger effective carbon reduction solutions in the aviation sector.

Session 7: Financing



Misha Valk

Head of Business Development, SkyNRG

Misha Valk joined SkyNRG in 2012 and is currently heading the Business Development Team. In 2016 he initiated the Airport Initiative together with our partner the Carbon War Room. In addition, Misha is responsible for the development of biojet fuel supply chains, also known as BioPorts.

Session 8: Sustainability Reporting and Outreach



Bill Murphy

National Leader, Climate Change & Sustainability Services, KPMG Canada

Bill is KPMG Canada's National Climate Change & Sustainability Leader and a Partner in Governance & Risk Management. He is well-positioned to share the drivers and benefits of comprehensive sustainability strategies at airports.

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Session 8: Sustainability Reporting and Outreach



Matthew Kuchtyak

Analyst, Green Bonds and ESG Risks, Moody's

Matthew Kuchtyak is an Analyst at Moody's Investors Service for Green Bonds and Environmental, Social and Governance risks. In his role, Matt serves as a lead analyst for Moody's Green Bonds Assessments (GBAs) that evaluate green bond issuers' management, administration, allocation of proceeds to and reporting on environmental projects financed with green bonds. He also supports the firm's efforts to evaluate the credit relevance of ESG factors and increase the transparency of how such factors are considered in the firm's credit ratings.

Session 8: Sustainability Reporting and Outreach



Prabh Banga

Associate Director, Strategy & Growth, Greater Toronto Airports Authority

Banga leads the development and delivery of Toronto Pearson's Airport's corporate sustainability strategy. She has over 10 years of experience working in the sustainability sector, ranging from corporate social responsibility to environmental and resource management. Prabh will be sharing her experience in the development and delivery of airports sustainability strategy, developing corporate sustainability goals and sustainability reporting.

Session 8: Sustainability Reporting and Outreach



Jakrapop Charatsri

Senior Airport Specialist, Airports of Thailand

Mr Jakrapop got Master of Environmental Technology from Mahidol University, Thailand, he had been working as environmental consulting engineer in private sector for 20 years. He was certified as Environmental Specialist from National Environmental Board of Thailand. He was invited to join AOT as Director of Airport Environmental Management Division in 2006 and was promoted as AOT Senior Airport Executive in 2013. He initiated Aircraft Noise Compensation Program, Aircraft Noise Monitoring System and Airport Carbon Management for AOT. In 2013, He was nominated to be chairman of the ASEAN International Airport Association's Environmental Working Group. He is Chairman of Regional Environmental Committee of ACI Asia Pacific Region. Over the past few years, he has been invited as a keynote speaker on the topic related to Airport Environment and Sustainability in international aviation conferences.
