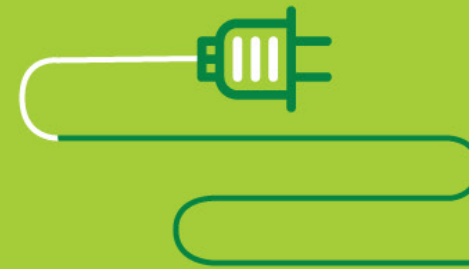


# 2021 ICAO STOCKTAKING

SPEAKERS PROFILES

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# DAY 1



## OPENING



**Mohamed Rahma - Moderator**  
*Director, Air Transport Bureau, ICAO*

Mr. Mohamed Khalifa Rahma assumed his position as Director, Air Transport Bureau, of the International Civil Aviation Organization (ICAO) in April 2020. Before his appointment, Mr. Rahma was the Regional Director of the ICAO Middle East Regional Office since March 2016. The current work portfolio of Mr. Rahma covers a wide range of global aviation domain including Air Transport, Aviation Security and Facilitation and Environmental protection. He is currently the Secretary of the Council Aviation Recovery Task Force (CART). During his tenure in ICAO Middle East Office, he was instrumental in strengthening regional and inter-regional collaboration in aviation industry. This effort included enhancing risk awareness and response, promoting technologies while fostering new innovations, and improving oversight and quality assurance. Mr. Rahma continues to significantly increase cooperation among member States, international and Regional organizations. Prior to Joining ICAO, Mr. Rahma was the Undersecretary of International and Internal Affairs at the Ministry of Civil Aviation of Egypt and previously the advisor to the Egyptian Minister of Civil Aviation. During his tenure at the Egyptian government, Mr. Rahma played a substantial role and led influential projects that actively supported and enhanced aviation capacity and efficiency in Egypt. He developed cooperative relationships with government bodies and investors while paving the way for future business partnerships and opportunities. Mr. Rahma was a board member of various companies including Cairo Airport Company, Aerotel Company and EMAC Aqaba Company and chaired many strategic committees under the umbrella of the Ministry of Civil Aviation for special projects. He led and participated in many high level national and regional committees. Mr. Rahma has 30 years of aviation experience in various fields including aviation management, airline management, operation, safety, training, corporate communication, and crisis management. He holds a Master's Degree in Aviation Management and speaks fluent English and Arabic.



**Juan Carlos Salazar**  
*Secretary General, ICAO*

Mr. Juan Carlos Salazar is the Secretary General of the International Civil Aviation Organization (ICAO). He was first appointed for a three-year term starting August 2021.

Prior to his appointment as Secretary General, Mr. Salazar served as Director General of Aeronautica Civil of Colombia – Aerocivil. For the twelve years previous to joining Aerocivil, Mr. Salazar was a Senior Advisor to the UAE General Civil Aviation Authority.

His professional experience also includes terms as the President of Latin American Civil Aviation Commission (LACAC), Secretary of the Colombian Civil Aviation Board and Director of its Air Transport Office, Director General of Air Transport at the Colombian Ministry of Transport, Corporate Secretary and Director of the Legal Department of Tampa Cargo (currently known as Avianca Cargo).

Mr. Salazar earned advanced degrees from Harvard University (Master in Public Administration - MPA) and McGill University (Master in Air and Space Law - LLM). He is fluent in Spanish, English and French, and speaks Arabic.



## **Robert Courts MP**

### **UK Aviation Minister**

Robert Courts was first elected as the Member of Parliament for Witney and West Oxfordshire in October 2016. In September 2020, he was appointed Parliamentary Under Secretary of State in the Department for Transport, with responsibility for aviation, maritime and security.

He was previously Parliamentary Private Secretary (PPS) to the Secretary of State for Transport, having served as a PPS in the Foreign and Commonwealth Office from January to July 2018 and to the Secretary of State for Environment, Food and Rural Affairs from August 2019 until February 2020.

Robert served on the International Trade Select Committee before becoming a Minister, having previously been a member of the Transport, Justice and Backbench Business Committees.

A supporter of several groups in Parliament, Robert was Chair of the All Party Parliamentary Group (APPG) for Small and Micro-businesses and founded the APPG for Community Transport. He was also the Vice-Chair (RAF) of the APPG for the Armed Forces, the APPG for Aerospace, the APPG for Dementia, and the APPG for Cycling.

Before his election to Parliament, Robert was a self-employed barrister for some twelve years. His practice focused primarily on personal injury and clinical negligence. He also served as a District Councillor and is a graduate of the Royal College of Defence Studies and a member of the Air League Council. Robert lives with his wife, Kathryn, and two young children, Henry and Isabella, in Bladon.



## Fatih Birol

Executive Director, International Energy Agency (IEA)

Dr Fatih Birol (@fbirol) has served as Executive Director of the International Energy Agency since September 2015. He was re-elected in January 2018 for a second four year term, which began in September 2019. Under his leadership, the IEA has undertaken its first comprehensive modernisation programme since its creation in 1974. This effort focuses on three pillars: opening the doors of the IEA to include major emerging economies – such as Brazil, China, India, Indonesia, Mexico and South Africa – which have joined the IEA Family, thus increasing its share of global energy demand from 38% to around 75%; making the IEA the global hub for clean energy transitions; and broadening the IEA's security mandate to include electricity and natural gas as well as oil.

Prior to his nomination as Executive Director, Dr Birol spent over 20 years at the IEA, rising through the ranks to the position of Chief Economist responsible for the flagship World Energy Outlook publication. Dr Birol has been named by Forbes Magazine among the most influential people on the world's energy scene and was recognised by the Financial Times in 2017 as Energy Personality of the Year. He chairs the World Economic Forum's (Davos) Energy Advisory Board and serves on the UN Secretary-General's Advisory Board on Sustainable Energy for All. He is the recipient of numerous awards, including the Japanese Emperor's Order of the Rising Sun, the Order of the Polar Star from the King of Sweden and the highest Presidential decorations from Austria, Germany and Italy.

Before the IEA, Dr Birol worked at the Organisation of the Petroleum Exporting Countries (OPEC) in Vienna. He earned a BSc degree in power engineering from the Technical University of Istanbul and received an MSc and PhD in energy economics from the Technical University of Vienna. Dr Birol was awarded a Doctorate of Science honoris causa from Imperial College London in 2013. He was also made an honorary life member of Galatasaray Football Club in 2013.





## **Amina J. Mohammed**

*Deputy Secretary General of the United Nations & Chair of the United Nations Sustainable Development Group*

Ms. Amina J. Mohammed is the Deputy Secretary-General of the United Nations and Chair of the United Nations Sustainable Development Group.

Prior to her appointment, Ms. Mohammed served as Minister of Environment of the Federal Republic of Nigeria where she steered the country's efforts on climate action and efforts to protect the natural environment.

Ms. Mohammed first joined the United Nations in 2012 as Special Adviser to former Secretary-General Ban Ki-moon with the responsibility for post-2015 development planning. She led the process that resulted in global agreement around the 2030 Agenda for Sustainable Development and the creation of the Sustainable Development Goals.

Ms. Mohammed began her career working on the design of schools and clinics in Nigeria. She served as an advocate focused on increasing access to education and other social services, before moving into the public sector, where she rose to the position of adviser to four successive Presidents on poverty, public sector reform, and sustainable development.

Ms. Mohammed has been conferred several honorary doctorates and has served as an adjunct professor, lecturing on international development. The recipient of various global awards, Ms. Mohammed has served on numerous international advisory boards and panels. She is the mother of six children and has two grandchildren.

# DAY 1



HOUSEKEEPING AND INTRODUCTION



## **Jane Hupe**

*Deputy Director, Environment, ICAO*

Ms. Jane Hupe is the Director responsible for the Environment programme at International Civil Aviation Organization (ICAO), and serves as the Secretary of the ICAO Council's Committee on Aviation Environmental Protection (CAEP). Ms. Hupe has a vital role in providing leadership for ICAO's efforts to define and promote policies and Standards for environmentally sustainable aviation, managing a portfolio that includes aircraft noise, local air quality, global climate, clean energy and sustainable aviation fuels, adaptation, circular economy and a global market-based measure for international aviation. She currently leads the Organizations efforts on green innovation and the assessment of options for long term goals for CO<sub>2</sub> emissions reduction.

Under her leadership, the ICAO Balanced Approach to Aircraft Noise Management policy was established and various new and more stringent global Standards to reduce aircraft noise and emissions affecting local air quality and global climate were adopted, with particular mention of the world's first global CO<sub>2</sub> certification standard for any industry sector, adopted in 2017. Ms. Hupe was at the forefront of the conceptualization and development of the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA), which was agreed in 2016 as the first global market-based mechanism for any industry sector. She ensures that "CORSIA is on track" by leading its implementation strategy, including putting in place the necessary regulatory frameworks and tools whilst ensuring that "no country is left behind" by implementing ACT-CORSIA (Assistance, Capacity Building and Training for CORSIA), one of the most ambitious assistance programmes undertaken by ICAO.

# DAY 1



AVIATION AND THE IMPORTANCE  
OF EMISSIONS REDUCTION GOALS



**Valerie Masson-Delmotte**

*WG1 co-Chair, Intergovernmental Panel on Climate Change (IPCC)*



## **Willie Walsh**

*CEO, IATA*

Willie Walsh became the eighth person to lead the International Air Transport Association (IATA) when he took on the role of Director General on 1 April 2021, after an airline industry career spanning over 40 years.

Walsh is deeply familiar with IATA, having served on the IATA Board of Governors for almost 13 years between 2005 to 2018, including serving as Chair (2016-2017).

Born in Dublin, Ireland, in 1961, Walsh joined the country's flag carrier Aer Lingus in 1979, as a cadet pilot, becoming a captain in 1990. One year earlier, he had moved into a management position in the airline's flight operations department, beginning a rise that led to his being appointed chief executive of Futura, Aer Lingus' Spanish charter airline in 1998.

He returned to Aer Lingus in 2000 as COO and was appointed chief executive in October 2001 at a time when the carrier was in a grave financial crisis following the 9.11 attacks. Walsh led a radical restructuring that returned Aer Lingus to profitability.

In 2005, Walsh was appointed chief executive of British Airways (BA). He led BA through the 2008/09 Global Financial Crisis, established a transatlantic joint business venture with Iberia, Finnair and American Airlines, and oversaw the 2011 merger of BA and Iberia under a newly established parent company, International Airlines Group (IAG). Walsh served as chief executive of IAG from its inception until he retired in September 2020.

At IATA Walsh will work from the association's main offices in Montreal, Canada and Geneva, Switzerland.

A citizen of Ireland, Walsh holds a Master of Science and Business Administration from Trinity College, Dublin.



## **Neil Dickson**

*Chief, Environmental Standards, ICAO*

Neil Dickson is the Chief of the Environmental Standards Section of ICAO, which develops ICAO Standards and Recommended Practices (SARPs) related to Environmental Protection, conducts quantitative studies and assessment of environmental benefits, and provides guidance on aircraft noise and emissions. Neil is an Aeronautical Engineer and previously worked for QinetiQ and AEA Technology in the UK. He worked on civil and military aircraft performance projects, including civil aircraft technology assessments, studies into aircraft NO<sub>x</sub> reduction and on the development of the ICAO aircraft CO<sub>2</sub> Standard. Neil also has a Ph.D in Atmospheric Chemistry from the University of Cambridge, which focused on the formation of contrails and civil aviation induced cirrus clouds.



## **Laurent Joly**

*Head of the Department for Aerodynamics, Energetics and Propulsion, ISAE-SUPAERO*

Dr. Laurent Joly, deputy head of research at ISAE-SUPAERO, is an Arts et Métiers alumni and holds a PhD in Fluid Mechanics from the Institut National Polytechnique de Toulouse. He has been full professor in Fluid Mechanics since 2002 and Head of the Aerodynamics, Energetic and Propulsion Dep. of ISAE-SUPAERO from 2011 to 2019. His research focused on turbulence and mixing with application to wake vortices, compressible aerodynamics and computational fluid dynamics. As deputy head of research at ISAE-SUPAERO, he extended his scientific scope over all components of aerospace engineering with a particular interest on low-emission aircraft design. In this current position, he is in charge of fostering collaboration with industrial partners in the frame of the French recovery plan of the aeronautical sector. He is currently leading a multidisciplinary team aiming at the creation of the Institute for Sustainable Aviation in Toulouse.





## **Brandon Van Schaik**

*Founder & Advisor, Falcon Electric Aviation*

Brandon van Schaik is a Master student in Sustainable Energy Technology at the Eindhoven University of Technology who is strongly motivated by challenges. He has an interest for innovative projects with societal impact. He co-founded Falcon Electric Aviation in October 2018 to show that electric aviation is not only technically feasible but can also be a valid business case. He worked as team leader for 2.5 years and is currently an advisor of the board. He has continued his endeavor into electric aviation by completing a research project on sustainable travel connections between the Dutch Caribbean islands of Aruba, Bonaire, and Curaçao in collaboration with the Dutch Ministry of Infrastructure. Following this project, he continued this work under the name of team FlyABC for the main airports in the Netherlands. Currently he is studying the safety risks of electric aircraft together with the Royal Netherlands Aerospace Centre in the aforementioned team.



**Meredith Adler**  
*CEO, Student Energy*

Meredith Adler is the Executive Director for Student Energy, a global youth-led organization creating the next generation of energy leaders who will accelerate our transition to a sustainable energy future. She oversees the strategy and operations of the organization as it continues to build a movement of over 50,000 students committed to a sustainable energy future from over 120 countries around the world. Meredith works to develop young people's capacity to be change agents while working with the energy industry, governments and organizations to create space for intergenerational collaboration. Under Meredith's leadership Student Energy was named one of the top 50 youth solutions in the world delivering on the Sustainable Development Goals. Meredith's energy leadership has been recognized by Women In Renewable Energy as their Woman of the Year for 2018, as a Clean50 Emerging Leader, and as a 2020 YWCA Women of Distinction Award recipient.

# DAY 1



AVIATION GOALS AND ROADMAPS: SETTING A CLEAR  
DECARBONIZED PATH FORWARD



## **Holly Greig**

*Deputy Director, Aviation Decarbonisation Division, UK Department for Transport*

Holly joined the Department for Transport in January 2015 as Head of Climate Change Strategy, working on the Department's overall response to reducing emissions from Transport. Holly was then appointed Head of Office for the Minister for Aviation in August 2016, before being appointed Deputy Principal Private Secretary to the Transport Secretary in February 2018.

Before this she held various policy and operational roles at the Department for Work and Pensions and the Department for Health, including Head of Enforcement and Debt policy in the Department for Work and Pensions, where she led the delivery of primary and secondary legislation, and Head of Addiction Recovery policy in the Department for Health. She started her career at the Child Support Agency.



**Rachid Rahim**

*Head of Aviation Environmental Protection, Qatar Civil Aviation Authority*



**Marina Köster**

*Deputy Director-General Aviation, Federal Ministry of Transport and Digital Infrastructure (BMVI), Germany*



## **Mikhail Gordin**

*Director General of CIAM, Russian Federation*

Mikhail Gordin, PhD, Director General of Central Institute of Aviation Motors (CIAM), Moscow, Russia.

Born on August 16, 1969.

Dr. Gordin graduated Bauman Moscow State Technical University specializing in System Engineering in 1993.

In 1996, he earned an MBA at the Institute of Business and Economics of the Academy of National Economy under the Government of the Russian Federation.

In 2019, he received a PhD in Engineering Science.

Dr. Gordin has worked in various roles at the Institute for Systems Analysis of the Russian Academy of Sciences, Conoco Philips, «TNK-BP Management» JSC, Sibur LLC, and “National Research Center “Zhukovsky Institute” Federal State Budgetary Entity.

He has held the position of Director General of CIAM since 2016.

Under Dr. Gordin’s direct supervision, significant work has been carried out in the field of critical technologies for advanced aero engines, in cooperation with UEC JSC. This includes intensive efforts in the areas of EDT&A on hybrid and electric power plants, modern piston aero engines. Work is underway in the field of helicopter transmissions and their health and usage monitoring systems.

Dr. Gordin plays an active role in research and invention. He is the author and co-author of a number of scientific publications, and a member of the Editorial Council of the CIAM’s «Aviation Engines» scientific and technical journal.

In 2021, Dr. Gordin was awarded a Diploma of Honor of the President of the Russian Federation.



**Rob Gurney**  
*CEO, oneworld Alliance*

Rob Gurney joined oneworld® in October 2016 as its CEO, reporting to the alliance's Governing Board, which comprises the CEOs of all its member airlines, and leading the alliance's central team, which is based in New York. Since then, oneworld has undertaken a comprehensive transformation, building a digital platform to enable a range of transactions via member airline apps; launched a new membership programme, oneworld connect and onboarded inaugural member Fiji Airways; added two new full members, Royal Air Maroc and Alaska Airlines; and relaunched the oneworld brand. With dual Australian and UK citizenship, Rob Gurney joined British Airways in 1993, working in commercial roles in Australia, New Zealand and the airline's London headquarters. He managed on behalf of Qantas and British Airways their joint business covering their combined services on the "kangaroo route" between Australia and Europe. In 1997, he switched to Qantas, working in various commercial roles in the airline's Sydney headquarters. For four years, until 2012, he was Group Executive Qantas Airlines Commercial, with responsibility for worldwide sales and marketing. After leaving Qantas, he served for two years as CEO of Helloworld (previously branded Jetset Travelworld Group).





## **Luis Felipe de Oliveira**

*Director General, Airports Council International (ACI World)*

Luis Felipe de Oliveira commenced his role as Director General of Airports Council International (ACI) World on 1 June 2020.

A Chemical Engineer who graduated from the Catholic University of Rio de Janeiro, Luis Felipe has vast commercial and technical experience in aviation fuel.

Prior to ACI, he successfully led the Latin American and Caribbean Air Transport Association (ALTA) as Executive Director & CEO, from October 2017 to May 2020, establishing very positive changes within the organization.

Before joining ALTA, Luis Felipe served as Vice-President, Supply Development for Latin America and Caribbean at World Fuel Services (WFS), where he was responsible for improving WFS aviation fuel business in the region.

For 10 years, Luis Felipe worked at the International Air Transport Association (IATA) Switzerland office, leading fuel and airport campaigns with governments, oil companies, fuel service providers and airports for the Americas, Africa and the Middle East regions.

Additionally, he served 12 years at Shell (based in Brazil and The Netherlands), focusing mainly on the Latin America and the Caribbean, Africa and Europe regions.

Luis Felipe has been a Board Member of HERMES Air Transport Organisation since May 2019. He has a postgraduate in Finance from the University of São Paulo, an MBA from Dom Cabral Foundation in São Paulo, and Post MBA from Kellogg University in Chicago.



**Vincent De Vroey**

*Civil Aviation Director, Aerospace and Defence Industries Association of Europe (ASD)*



## **Brian Moran**

*VP of Global Sustainability Policy and Partnerships, Boeing*

Brian Moran serves as vice president, Global Sustainability Policy & Partnerships for Boeing. In this new role, Moran leads a diverse, global team that elevates and showcases Boeing's focus on sustainability. This includes informing the global policy landscape and deepening partnerships to advance Boeing's sustainability objectives, such as the scaling of sustainable aviation fuels. Moran is based Amsterdam, Netherlands and reports to the President of Boeing International and the company's first Chief Sustainability Officer.

Prior to this role, Moran was based in Chicago where he led Global Brand & Corporate Communications for Boeing. Reporting to both the Chief Communications Officer as well as the company's Executive Vice President of Operations & Chief Financial Officer, Moran and his teams strengthened the company's reputation and drove business results by developing strategies, campaigns, and narratives on enterprise priorities such as aerospace safety, sustainability, culture change, operational excellence and financial performance. In addition to leading crisis and issues management, the group also oversaw employee communication for the company.

Previously, Moran was based in Brussels, Belgium where he was vice president, Government Affairs for Boeing Europe. In that role he was responsible for developing and leading an integrated government affairs strategy at pan-European level and representing Boeing interests with NATO and all European institutions – most notably the European Commission, Parliament, and Council. Prior to that role, Moran led Boeing International activities in Northern Europe, based in Berlin, Germany, where he developed government and industry relationships and working closely with Boeing's businesses to identify and assess new opportunities.

Before that, Moran was director of Communications for the Business Development & Strategic Integration organization of Boeing Commercial Airplanes, where he led a team in Seattle, Washington focused on the development, integration and delivery of strategic messaging in the areas of product and services strategy, aviation and environmental policy, and international growth. In this role, Moran led the campaign to apply for and win the 'Collier Trophy' – the highest honor in aerospace – for the 787 Dreamliner.

Moran previously served as senior manager of International Business Development for the Nordic region, Switzerland and the United Kingdom. Based in London, he led the development and management of Boeing's industrial participation programs valued at more than \$1 billion in those countries. Prior assignments at Boeing's defense & space business included serving as chief of staff to the vice president for Business Development and later the president and CEO. Moran holds a dual degree in international business and French from Lindenwood University and a master's degree in business administration from Washington University's Olin School of Business. He completed executive programs at The University of Pennsylvania Wharton School and a Brookings Institution legislative fellowship on Capitol Hill in Washington, DC. Moran speaks English, German and French and he is an alumnus of both the Atlantik-Brücke German-American Young Leaders program as well as the French-American Foundation Young Leaders program.

**Jim Herbertson**

*Technical Director – Climate and Energy, IPIECA*

Jim joined IPIECA in 2017 as Technical Director, Climate and Energy, after nearly 40 years in the oil and gas industry. He graduated in Chemistry from Oxford University and spent the first part of his career in various technology roles. During that time he worked in the UK, France and the USA and led global teams developing new fuels and lubricants and providing support to refining and marketing. More recently, he worked on environmental and safety for the upstream business functions with a focus on policy development.

# DAY 2



KEYNOTE OPENING FOR DAY 2



## **Ban Ki-moon**

### *Eighth United Nations Secretary General*

In April 2019, Mr. Ban was elected as the Chairman of Presidential National Council on Climate and Air Quality (NCCA) (2019-2021). In April 2018, Mr. Ban was elected as the Chairman of Boao Forum for Asia. In January 2018, Mr. Ban, along with former President of Austria Mr. Heinz Fischer, were inducted as Co-Chairs of the Ban Ki-moon Centre for Global Citizens in Vienna, Austria. Mr. Ban Ki-moon was also elected as Chairman of IOC Ethics Committee in September 2017. Currently, he is the Distinguished Chair Professor and Honorary Chairman at the Institute of Global Engagement & Empowerment at Yonsei University in Seoul, Korea. In February 2018, he was elected and has been serving as the President of the Assembly & Chair of the Council of Global Green Growth Institute (GGGI).

Prior to these appointments, Mr. Ban served two consecutive terms as the Secretary General of the United Nations (2007-2016).

Throughout his tenure at the UN, Mr. Ban strove to be a bridge builder, to give voice to the world's poorest and the most vulnerable people, and to make the Organization more transparent and effective. He successfully pressed for action to combat climate change - an effort that culminated in the adoption and rapid entry into the landmark Paris Agreement in 2016. Mr. Ban worked closely with member states of the UN to shape the 2030 Agenda for Sustainable Development and to establish UN Women, which has been advancing the Organization's work for gender equality and women's empowerment. Mr. Ban also launched major efforts to strengthen UN peace operations, to protect human rights, to improve humanitarian response, and to prevent violent extremism and to revitalize the disarmament agenda.

At the time of his appointment at the UN, Mr. Ban was the Minister of Foreign Affairs and Trade of the Republic of Korea. His 37 years with the Ministry included postings in New Delhi, Washington D.C., and Vienna, and responsibilities for a variety of portfolios, including Foreign Policy Adviser to the President, Chief National Security Adviser to the President, Vice Minister, Deputy Minister for Policy Planning and Director-General for American Affairs. Mr. Ban has also been actively involved in issues relating to inter-Korean relations by serving as Chairman of the Preparatory Commission for the Comprehensive Nuclear Test Ban Treaty Organization.

Mr. Ban received a bachelor's degree in international relations from Seoul National University in 1970. He earned a master's degree in public administration from the John F. Kennedy School of Government at Harvard University in 1985.

# DAY 2



AIRCRAFT TECHNOLOGIES: BUILDING THE  
SUSTAINABLE AIRCRAFT OF THE FUTURE





**Dimitri Mavris**  
*ICAO CAEP LTAG Technology Subgroup co-leads*



**Wendy Bailey**

*ICAO CAEP LTAG Technology Subgroup co-leads*



## **Arjan Meijer**

President & CEO of Embraer Commercial Aviation, Embraer

Arjan is President & Chief Executive Officer of Embraer Commercial Aviation and EVP at Embraer S.A.

Arjan joined Embraer in April 2016 as Vice President of Commercial Aviation for Europe, Middle East, Russia and Central Asia. Appointed Chief Commercial Officer of Embraer Commercial Aviation in January 2017, based in Amsterdam, Arjan oversaw worldwide sales, marketing, customer support and primary customer relationships. In June 2020 Arjan was appointed President & CEO of Embraer Commercial Aviation and, as an EVP, joined the management board of Embraer S.A.

Prior to April 2016, Arjan spent 15 years at KLM on the engineering, technical services and fleet development aspects of the company. His last role was Managing Director of KLM UK Engineering Limited, a wholly-owned AFI KLM E&M subsidiary specializing in maintenance solutions for regional and narrow-body aircraft fleets.

Arjan has a degree in Aerospace Engineering from Delft University of Technology and also holds an Executive MBA (International Master's in Management) from Purdue University.



## Sabine Klauke

*Airbus*

Sabine Klauke has been Chief Technical Officer at Airbus since 1 July 2021 and is a member of the Company's Executive Committee. In this role, Sabine drives the Company's ambition behind delivering bold and breakthrough technologies to build the future of aerospace. She also leads a team of more than 11,000 Airbus engineers across the globe who design, develop, certify and ensure continuing airworthiness of all Commercial Aircraft products and services. Previously, Sabine was Head of Engineering within Airbus Defence and Space and a member of the Division's Executive Committee. In this capacity, she was responsible for all engineering activities within the Defence and Space division and in charge of its product and services portfolio. By managing the technology, development and innovation roadmap, she played a key role in preparing the future of Airbus Defence and Space. Prior to this position, she served as Head of Programmes Customer Services: a responsibility she held for the A330/A340 programmes since 2015. Sabine joined Airbus in 2002, where she has held positions of increasing responsibility within manufacturing engineering, production, product development programs, development processes and change and innovation projects within the Airbus Commercial Aircraft division. From 1998 to 2002 Sabine worked at DELMIA, a brand of Dassault Systèmes, where she carried out the deployment of digital manufacturing software and supported the development of the consulting and services department with customers in the automotive and the aerospace industries. Sabine has a PhD in Mechanical Engineering from the University of Technology (TU) in Dresden and is a graduate of the INSA Hauts de France (formerly known as École Nationale Supérieure d'Ingénieurs en Mécanique Énergétique in Valenciennes (ENSIMEV)).



**Eric Dalbiès**  
*CTO, Safran Group*



## Scott Goobie

*Fellow, Integration and Product Environmental Performance, Product Development Engineering, Bombardier*

With more than 30 years of experience in aircraft development, Scott is an Engineering Fellow for Aircraft Integration and Product Environmental Performance at Bombardier. He was responsible for the development of Global 5500 and Global 6500 aircraft, which recently won a Top Flight Award from Aviation International News as the best new aircraft of 2020. He has also led various Integrated Product Development Teams (IPDT) and has held a variety of engineering technical and management roles including:

- Dash 8 100, 200, 300 and Q400 deHavilland Powerplant Engineering Section Chief;
- Transport Canada Powerplant Design Approval Delegate (DAD) ;
- Engineering Director for the deHavilland Dash 8 and Q400 IPDT;
- Head of Engineering for the Canadair Regional Jet;
- Senior Director for the Global Business Jet; and
- Engineering Vice-President for the Bombardier Global Product line;

Scott has participated in joint industry, government and education boards with numerous institutions including Centennial College, University of Toronto, the University of Toronto Institute for Aerospace Studies, Ryerson University, and the Downsview Aerospace Innovation Research (DAIR) hub. In 2013, he gave the Sir Henry Royce Memorial Lecture in Derby, UK and was duly elected as a Fellow of the Royal Aeronautical Society. In 2019, he accepted the Ontario Society of Professional Engineers Project of the Year Award for the Global 7500 aircraft on behalf of Bombardier. Today, Scott is also currently active in the International Civil Aviation Organization Long Term Aspirational Goals initiative -- focusing specifically on the technology and fuels working groups -- as part of civil aviation's contribution to achieving global sustainability targets.

He earned a Bachelor's degree in Mechanical Engineering from the University of New Brunswick in 1984 and a Master's degree in Aeronautical Engineering from Carleton University (1989). Scott received the Canadian Natural Sciences and Engineering Research Council scholarship for postgraduate studies in 1986-1989 and performed turbomachinery research with Dr. Hany Moustapha of Pratt and Whitney Canada.

Scott is based at Bombardier Global Operations in Toronto, Canada.



**Stéphane Viala**  
*SVP Engineering, ATR*

Dr Stéphane Viala was appointed SVP Engineering and Head of Design Organization ATR since end of 2018 and is member of ATR Executive Committee. He was VP ATR Chief Engineer and Head of Engineering Integration in charge of technical definition and development of product, continuous improvement and continuous airworthiness since 2016.

He previously worked for AIRBUS Commercial aircraft division for almost 2 decades and has been in leading position on various a/c development as well as in R&T.

Furthermore, he is the owner of several patents in Aerospace field and has published several technical articles.

He obtained his Ph.D Degree on Turbulence Modeling from ISAE Aerospace Institute and ONERA in 1995 after graduating as an Aeronautics Engineer at ENSMA/ISAE Aerospace Institute in 1992.



**Markus Fischer**

*Divisional Board Member for Aeronautics, DLR*





## **Geoff Hunt**

*Senior Vice President Engineering and Technology, Pratt & Whitney*

Geoff Hunt is senior vice president of Engineering & Technology at Pratt & Whitney. He leads Pratt & Whitney's global Engineering team, with a focus on delivering customer requirements, developing technical leadership and advancing technology development programs that will support the next generation of commercial and military engines.

Hunt's 35-year career in the aerospace industry has included leading roles in the development of landmark products, primarily in the area of large commercial aircraft. He was most recently vice president, Engineering & Technology for Collins Aerospace. In this position, Hunt led product development programs to ensure the company continued to offer differentiating technologies to meet customer needs, as well as ensuring flawless Engineering program execution by leading the implementation of best practice processes, tools and resources across the enterprise.

Hunt began his career as an engineer at Rolls-Royce, where he spent 13 years working on large commercial engine development programs before joining United Technologies. His past 20-plus years of experience includes roles of increasing responsibility in Engineering and program management at both Pratt & Whitney and Collins Aerospace, where he provided leadership across a large range of products and platforms, including product development, system integration and program execution for the 787 Dreamliner.

Hunt is a Fellow of the Royal Aeronautical Society and holds a bachelor's degree in Mechanical Engineering from Sheffield University, England, and an MBA from Boston University. He is also an elected member of the Connecticut Academy of Science and Engineering, a member of the University of Connecticut's School of Engineering Industry Advisory Board, and sits on the Board of Trustees for the Connecticut Science Center.



## **Matt Cherry**

*GE Aviation, CFM RISE Program Technology Maturation Leader*

Matt is the Technology Maturation Leader for the CFM RISE\* (Revolutionary Innovation for Sustainable Engines) Program at GE Aviation. Matt's responsibilities include the development and execution of more than 300 rigs and engine tests across GE Aviation and GE Research teams, as well as program partners. These development activities directly support ground and flight test demonstrators planned for the middle of this decade and help prepare open fan architecture for future engines that could enter service by the mid-2030s. Prior to this role, as part of GE Aviation's certification and test systems engineering team, Matt was a key contributor to the certification of the world's largest and most powerful engine, the GE9X. His leadership led to the first flight and subsequent flight test campaign of the GE9X on GE's 747 flying test bed.

Matt received his bachelor's and master's degrees in Aeronautical Engineering from Purdue University.

*\*RISE (Revolutionary Innovation for Sustainable Engines) is a registered trademark of CFM International, a 50-50 joint company between GE and Safran Aircraft Engines.*



**Alan Newby**

*Head of Future Technology and Innovation Hub, Rolls Royce*

# DAY 2



AVIATION FUELS: TRIGGERING AVIATION'S CLEAN  
ENERGY TRANSITION



## **Jim Hileman**

*ICAO CAEP LTAG Fuels Subgroup co-leads*

Dr. James (Jim) Hileman is the Chief Scientific and Technical Advisor for Environment and Energy for the Federal Aviation Administration. He has responsibility for the Environment and Energy research portfolio of the FAA, which includes the CLEEN Program, the ASCENT Center of Excellence, and the Commercial Aviation Alternative Fuels Initiative (CAAFI), among other efforts. In addition to being a Chief Scientist for the FAA, Dr. Hileman is the co-rapporteur of the Fuels Task Group of the International Civil Aviation Organization (ICAO) Committee on Aviation Environmental Protection (CAEP). Prior to joining the FAA, Dr. Hileman was a Principal Research Engineer within the Department of Aeronautics and Astronautics at MIT. His research focused on alternative jet fuels and innovative aircraft concepts that could reduce the impacts of aviation on noise, air quality and global climate change. He holds a B.S., M.S., and Ph.D. in Mechanical Engineering from the Ohio State University.



**Matteo Prussi**

*ICAO CAEP LTAG Fuels Subgroup co-leads*



## **Paul Durrant**

*Head of End-use Sectors & Bioenergy, IRENA*

Paul joined IRENA's Innovation & Technology Centre in Germany in 2018 after 20 years working for the UK government shaping UK and international innovation policies and programmes. In IRENA he initially led on innovation strategy and engagement with the aim of fostering deeper international partnership working to accelerate the adoption of the renewable energy technologies. Since May 2020 Paul leads IRENA's End-use Sectors & Bioenergy team which supports IRENA's member countries and the wider community in making maximum use of renewables in the industry & transport sectors and in maximizing the sustainable use of biomass in national energy transitions.

Paul graduated with a PhD in Nuclear Physics from the UK's University of Southampton before taking on technology policy roles in the UK Home Office and Department for Transport. For 10 years Paul led on Energy Innovation Policy & Strategy in the UK's Department of Energy & Climate Change and the Department of Business, Energy & Industrial Strategy. From Autumn 2015 onwards Paul led UK engagement with the Mission Innovation initiative and later was the head of Mission Innovation's Secretariat.



**Jimmy Samartzis**  
*CEO, LanzaJet*

Jimmy Samartzis is the Chief Executive Officer of LanzaJet, Inc., a global leader in renewable fuels technology and production of sustainable aviation fuel and renewable diesel. Jimmy is leading the company through a scale-up in technology and production, with renewable fuel refineries planned in multiple countries – US, EU, UK, Japan, Canada, and others. LanzaJet's technology was developed in partnership with the US Department of Energy's Pacific Northwest National Laboratory, and the company is financially supported by strategic investors Suncor, Mitsui, British Airways, Shell, and LanzaTech. Jimmy has spent the majority of his career focused on climate change, advancing the decarbonization of industries reliant on fossil fuels. Jimmy's work in the airline industry contributed to pioneering test flights, the first commercial-scale renewable jet fuel deal and commercial production, and a global industry agreement to enable a reduction in aviation emissions and adoption of sustainable fuels. Additionally, he has led a global coalition of stakeholders across the value chain to break down the barriers of the commercialization of renewable fuels. Jimmy previously served in several executive roles at United Airlines including as executive of a \$2B business unit, and as an executive advisor to clients globally through his work with Oliver Wyman, Booz Allen Hamilton, and Slalom. He currently serves on the Board of Directors for the Fermi National Accelerator Laboratory, a global leader in high-energy particle physics. Jimmy earned his M.B.A. from the Saïd Business School at the University of Oxford, a M.A. from John Hopkins University, and an B.A. from the University of Chicago. He is actively engaged in the community as a Director on several Boards of nonprofit organization focused on youth development, an issue of importance and dedication throughout his life.





**Kevin Weiss**

*CEO, Byogy Renewables*

Kevin Weiss is a co-founder of Byogy and serves as its CEO.

Formerly CEO for 25 years of a leading San Francisco Bay Area engineering firm, Kevin has designed and developed more than 4,000 engineering design projects in both public and private sectors. During his engineering tenor he has been at the forefront of environmental and sustainable business practices from co-developing regulations for the Chesapeake Bay Act in the mid 80's to designing the first Gold LEED building in California for the Hewlett Foundation. He is licensed as a professional engineer in multiple states throughout the country.

Kevin holds degrees in Civil Engineering, Physics, and Math from Penn State University.



## **Jeff McDaniel**

*Vice President, New Projects, Velocys*

Jeff McDaniel was a founding member of Velocys, and has led a range of company's commercial activities, including partnership negotiation, project management, and site development. His 25 years of experience includes engineering, technology development and sales/marketing roles with Battelle Memorial Institute and General Electric. He has a B.S. in Chemical Engineering from Texas A&M University, and an MBA and an M.S. in Environmental Studies from the University of Michigan.



## **Christian Pho Duc**

*CTO and Managing Director H2 Projects, SmartEnergy*

Christian Pho Duc is the CTO & Managing Director H2 Projects at Smartenergy Group AG and the Vice Chair of the Renewable Hydrogen Workstream at Solar Power Europe. He graduated with a Master's Degree in Physics from Ludwig-Maxilian-University in Munich and a Master's Degree in Engineering from Cambridge University. Christian has accumulated 25 years working experience in Semiconductors (Siemens, IBM, Giesecke & Devrient, Infineon Technologies), Renewable Energies & Hydrogen (Solyndra, Nanosolar, Smartenergy) and Electric Mobility (Torqeedo) in various management positions. With his multi-national background he speaks fluently German, English, French, Italian and some Spanish.



## Glenn Johnston

*Global Regulatory Carinata, Nuseed*

Mr. Johnston has over 30 years' experience in the biotech/chemical global regulatory arena. He currently serves as the chair of the regulatory committee, leads ICAO CAEP ABFA Observer group and board member of the Advanced Biofuels Association (ABFA). Mr. Johnston has been recognized multiple times by ASTM with the "Award of Excellence" for his dedication and contributions to developing standards. Prior to joining Nuseed, Mr. Johnston was Executive Director Regulatory Affairs for Agrisoma Biosciences Inc. where he worked on stewarding the new energy crop carinata through the international biofuels policies. Previously Mr. Johnston was Vice President of Regulatory Affairs for Gevo Inc. There he accelerated establishing a pathway for fuel isobutanol with US EPA policy makers. He also established ASTM specifications for new alternative jet fuel pathways (ATJ). Proceeding his tenure at Gevo Inc., Mr. Johnston was Director of Regulatory Affairs with NatureWorks, LLC, where he managed product stewardship issues and integrated his work with global influences regarding toxicology, environmental, and safety around the renewable plastic PLA. During his long standing career, he has gained extensive experience related to food legislation (FDA, EU, JHOSPA, KFDA, MERCOSUR, etc), chemical legislation (TSCA, EINECS, DSL, METI, KCL, and AICS), animal feed requirements (US FDA, AAFCO), and other regulatory laws that affect the biotech supply chain. He has worked with industry groups in Japan (JHOSPA), Taiwan (EBPA), the U.S. (BPI), the European Union (IBAW) and China (BMG). He is currently a Member of ASTM D02, and has also been a Delegate of ISO TC61 and CENTC249, and a Member of ASTM D20. Mr. Johnston has participated on the board of directors of various industry trade associations and has published papers and given speeches throughout the globe.



## **Rohini Sengupta**

*Senior Manager, Environmental Sustainability, United Airlines*

Rohini has worked across the environmental industry--from quantifying greenhouse gas reductions in operations to helping shape global climate policy and strategy at the corporate level. As the Senior Manager of Environmental Sustainability and Climate at United Airlines, Rohini focuses on decarbonization innovation, carbon markets, and market-based policy approaches toward sustainable aviation. Rohini has worked on landmark decarbonization investment deals and offtake, with the first ever airline investment in a carbon capture technology, and led the company's efforts on its recent «100% Green» announcement: full decarbonization without the use of offsets.

Rohini also sits on several industry coalitions, including on the International Air Transport Association's delegation toward the International Civil Aviation Organization's (or ICAO, the UN body for international aviation) Committee on Aviation Environmental Protection (CAEP) Working Group, Business Round Table's Climate Working Group, and Airlines for America's International Noise and Emissions Committee. Rohini is also United's lead on carbon markets and climate policy legislation, engaging with domestic and international industry trade associations.

Before joining United, Rohini was an Environmental Specialist at BP, focusing on refinery greenhouse gas emissions and biofuel coprocessing and hydroprocessing. Rohini received her Bachelor of Science in Earth and Environmental Engineering from Columbia University.

# DAY 3



KEYNOTE OPENING FOR DAY 3



## **Knut Arild Hareide**

*Minister of Transport, Norway*

Minister of Transport Knut Arild Hareide is responsible for policies relating to the transport of people and goods and postal services.

Knut Arild Hareide is a Norwegian politician who serves as a member of parliament from Hordaland and as the leader of the Christian Democratic Party from 2011 to 2019. He has served as Minister of Transport and Communications since 2020, and as Minister of the Environment from 2004 to 2005 in the second Bondevik cabinet. In 2007 he announced he would step down from the national political scene for the time being, but he returned when he was nominated as the top candidate for the Christian Democratic Party ticket in Akershus in the 2009 election where he won the county's leveling seat. After Dagfinn Høybråten stepped down as party leader, Hareide was unanimously elected to take his place at the 2011 party convention. In the 2013 election, Hareide was reelected to parliament, this time from his home county of Hordaland. Before his tenure as government minister, Hareide had sat through one term in the municipal council of his native Bømlo, served as a deputy representative to the national parliament as well as working two years as a State Secretary. He was also second deputy leader of his party from 2003 to 2007, having come through the ranks of the party's youth organization. Outside politics Hareide is an economist by education, and he has worked for the media conglomerate Schibsted.



**Borge Brende**  
*President, World Economic Forum*



# DAY 3



AIRPORTS, OPERATIONS, INFRASTRUCTURE:  
OPERATING IN A SUSTAINABLE FUTURE



**David Batchelor**

*ICAO CAEP LTAG Operations Subgroup co-leads*



**Muayyed Al Teneiji**

*ICAO CAEP LTAG Operations Subgroup co-leads*

# DAY 3



OPERATIONS SUB-SESSION



**Alexandre Feray**  
*CEO, Open Airlines*

Alexandre Feray is a french mountain climber, environmentalist, and iconoclastic passionate about developing innovative IT systems that reduce the impact of air travel on the environment. He holds an MSc in Engineering and IT from École Centrale Paris and started his career at IBM, working on the first multimedia email system for the Internet. He managed complex IT systems at Air France where he was the head architect of Air France Operations Control Center's reengineering program and head of Air France Crew Management IT Department, leading a team of 50 people. He founded OpenAirlines in 2006 and developed SkyBreathe®, an eco-flying software to reduce aviation environmental impact currently used by +48 airlines worldwide. In 2021, he initiated Green Pilot, a collective movement of airline professionals committed to reduce aviation impact.



## **Phillip Buckendorf**

*CEO & Co-Founder, Airspace Intelligence*

Phillip Buckendorf is Co-founder and CEO at Airspace Intelligence, a software-first aerospace company that helps the world's most complex air operations succeed. The company is navigating and optimizing air traffic for some of the largest airlines operating in US airspace. Prior to Airspace Intelligence, Phillip designed and deployed predictive systems across autonomous driving, e-commerce and health care.



## **David Brain**

*Operational Expert, EUROCONTROL*

David previously worked as an Area Air Traffic Controller in the UK and has over 25 years extensive experience in ATC, ATM, Project Management and operational analysis. David currently works in the Aviation Sustainability Unit in EUROCONTROL, focusing on reducing the environmental efforts of operations. David co-chaired the European CCO/CDO Taskforce as well as leading several other European operational projects. David is a co-rapporteur of the ICAO-CAEP Airport and Operations Working Group and has previously been responsible for leading the work assessing the global environmental benefits from the planned implementation of ICAO's ASBU framework. David also was responsible for leading the first ever global flight efficiency analysis using a harmonised surveillance data source. David has a private pilot's license, a degree in Geography, a Master's degree in Sustainable Aviation and enjoys hitchhiking across Siberia in his spare time.



## **Vincent Etchebehere**

*Air France*

A 15-year veteran of the Air France-KLM Group, Vincent Etchebehere began his career in Stockholm as a Northern Europe Business Intelligence analyst. He then worked in Paris then Rome occupying various revenue management pricing positions, and coordinating the partnership between Air France-KLM and Alitalia. Back in Paris, he was performance manager for Europe Area, before becoming assistant to the EVP Commercial, Sales and Alliances for the Group. In 2016, he joined the North America Market as General Manager Air France-KLM Mexico and went on to take the helm of the Canada establishment in 2018. He returned to Paris Headquarters in June 2020 when he became Air France VP Sustainability and New Mobilities.





## **Billy Thalheimer**

*Co-founder & CEO, REGENT Craft Inc*

Billy co-founded REGENT after years spent as an aerospace program manager, business development leader, and multidisciplinary aerospace engineer. His vision: create a faster, more affordable mode of regional transportation and eliminate carbon emissions in the process. During his time at Aurora Flight Sciences, Billy was responsible for developing new programs in vehicle design and technology maturation to support Aurora's portfolio of sustainable future air mobility solutions. He additionally led technical program execution, financial management, and strategy for eVTOL aircraft programs; and worked as an air vehicle conceptual design engineer, leading sizing and performance modeling for Boeing's electric air taxi. Billy holds a BS and MS from MIT's aerospace engineering program and continues to hold close relationships with the MIT community. As a passionate aerospace nerd, he spends his free time competing as an aerobatic pilot and participating in student outreach events.

# DAY 3



AIRPORTS AND INFRASTRUCTURE SUB-SESSION



**Videh Kumar Jaipuriar**

*CEO, Delhi International Airport Limited*

Videh Kumar Jaipuriar has been the Chief Executive Officer of DIAL since December 2017. He has over 32 years of experience. Prior to joining DIAL, he served as a Managing Director of Jubilant Industries Ltd. He has also worked with other companies including Bunge India, Blow Plast Ltd. and Britannia Industries Ltd. He obtained a Bachelor's degree in Engineering from Indian Institute of Technology, Delhi and Master's degree in Marketing from Jamnalal Bajaj Institute of Management Studies, Mumbai. He has wide-ranging experience in different products and services including B2B, B2C and retail.



## **Michael Eggenschwiler**

*CEO, Hamburg Airport*

Michael Eggenschwiler is CEO at Hamburg Airport. The 62-year old business graduate from the university of St. Gallen/Switzerland has assumed this role in March 2005 after two years as Managing Director of Hamburg Airport.

Starting his professional carrier at Crossair in various management positions, he took over a senior management role at Swissair. Michael Eggenschwiler was Member of the Executive Board at Swissair, last being responsible for sales & marketing in Swissair's home market Switzerland.

From 2007 to 2010 he acted as President of the German Airports Association ADV and is currently Board Member of the German Airports Association ADV and Bundesverband Deutsche Luftverkehrswirtschaft BDL. He is Swiss Honorary Consul for Hamburg and Schleswig-Holstein. Further he is member of the Advisory Board Hamburger Sparkasse and HDI-TALANX. Michael Eggenschwiler is married and has two children.



## **Mathieu Boutitie**

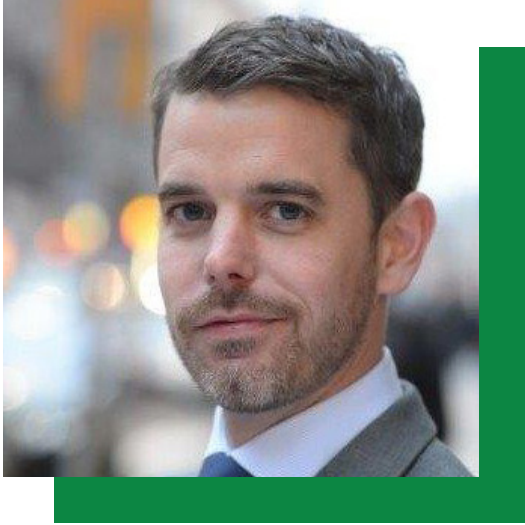
*CTO, Kansai Airports*

Mathieu Boutitie is a French Engineer who graduated from Ecole Centrale Lille; Mathieu started as a project manager at KG Ingénierie Construction in 2003 before joining the Ministry of Foreign Affairs real estate department of the French embassy in Japan in 2006 for two years.

After returning to France, he worked for four years at Aéroports de Paris Ingénierie, managing international airport design and construction supervision projects. In 2012 he became a Technical Project Manager at VINCI Airports. In 2014 he was assigned to ANA Aeroportos de Portugal as Deputy Director of the Infrastructure Department. In 2019, Mathieu was appointed Chief Technical Officer (CTO) at Kansai Airports that includes three airports (Kansai International Airport, Osaka International Airport, and Kobe Airport). His perimeter includes Capex, Maintenance, Master Planning and Environment.

Mathieu is responsible for the environmental policy of KAP and has set a long-term target of net-zero CO<sub>2</sub> emissions by 2050 with the associated roadmap by promoting energy conservation, using renewable energy and hydrogen, and promoting zero-emission vehicles (ZEVs).

Kansai Airports Group is committed to further accelerating the efforts to reduce environmental impacts in pursuit of a harmonious coexistence between the airports and their surrounding environment.



## **Stuart Bloomfield**

*Chief Development Officer, urban-Air Ports Ltd*

Stuart Bloomfield is the Chief Development Officer for Urban-Air Port. Stuart is responsible for business development & strategic partnerships, site sourcing, marketing & sales.

Stuart is a Chartered Surveyor with over 20 years' experience in capital markets, sales & leasing and corporate real estate advisory in the UK and Europe. Prior to joining Urban-Air Port, Stuart worked for some of the largest global real estate advisors including Knight Frank, CBRE and Cushman & Wakefield.

**Xavier Vigor**

*Vice-President Technologies and Industrial Management, Air Liquide Hydrogen Energy*

Xavier Vigor began his professional career in 1988 within the Air Liquide Group. He has successively held positions in research and development, sales, engineering and management, always in innovative fields. In particular, he has been Managing Director of two of the Group's Research Centers (Chicago, Illinois, and Paris, France), as well as Standard Plants Engineering, and of the Group industrial IT. More recently he was the Managing Director of Air Liquide advanced Technologies in Grenoble.

Since 2017, he is Vice-President Technologies (CTO) and Industrial Management of the Air Liquide Hydrogen Energy World Business Line.

Xavier Vigor is a graduate of École Centrale des Arts et Manufactures.

# DAY 3



ENABLING THE SUSTAINABLE TRANSFORMATION  
OF THE AVIATION SECTOR





## **Steve Csonka**

*Executive Director, Commercial Aviation Alternative Fuels Initiative (CAAFI)*

Steve Csonka is the Executive Director of CAAFI (the Commercial Aviation Alternative Fuels Initiative, [www.caafi.org](http://www.caafi.org)) an industry partnership fostering the development and commercialization of sustainable aviation fuels (SAF). CAAFI engages in public-private-partnership activities designed to assist in bringing together the group of participants needed to stand up an entirely new industrial sector.

Steve is a commercial aviation professional with 34 years of broad, strategic airline and aviation OEM experience. For the last decade, Steve has been a strong industry advocate who has worked in roles of developing pragmatic solutions to the challenges of aviation growth, and that interest led him to accepting the current CAAFI role in 2012. He continues to serve in leadership, steering committee, consultancy, and BOD roles with multiple aviation industry organizations in areas of applying technology and business concepts to enable commercial progression with SAF.



## United Nations Environment Programme Finance Initiative (UNEP FI)



## **Maxime Molenaar**

*Programme Manager, SkyNRG*

Maxime Molenaar is Program Manager at SkyNRG, a pioneer and global leader in the development of Sustainable Aviation Fuel (SAF). She is responsible for SkyNRG's Board Now program, which allows corporates to reduce air transport emissions by flying on sustainable aviation fuel, and makes the business case for new production capacity. She also works on developing and growing new corporate SAF programs.

Maxime previously worked at a Dutch investment company, setting climate strategies for a >\$60 billion portfolio. Maxime holds a Master's degree in International Relations & Political Economy from the University of Amsterdam.

### **About SkyNRG**

Having supplied over 30 airlines across the world, it is our mission to make SAF the new global standard. SkyNRG sources, blends, and distributes SAF, guarantees sustainability throughout the supply chain, and develops programs to co-fund any price gap over conventional jet fuel. At the same time, SkyNRG focuses on developing regional SAF supply chains -e.g., our own dedicated SAF production plant, DSL-01, that offer a real sustainable and affordable alternative to fossil fuels. To ensure we make the right decisions regarding the sustainability of our operations, projects and products, SkyNRG is structurally advised by an independent Sustainability Board, which includes representatives from WWF International, the European Climate Foundation, Solidaridad Network and the University of Groningen.



## **Ron Van Manen**

*Chief Scientific Officer, CleanSky*

Ron van Manen (Delft University of Technology Aerospace Engineering – 1987) started his career in the airline industry, fulfilling several management positions at British Airways and KLM Royal Dutch Airlines. In 1998 was appointed Vice President Business Development at KLM Engineering and Maintenance, co-leading this €1bn+ per annum MRO division as chief commercial officer, and leading a major program investigating a spin-off and joint-venture between the airline and a major OEM related to all MRO operations.

In 2003 he joined QinetiQ in the UK as VP Civil Aeronautics, directing its contract research and development projects with industry, UK Government and EU. In 2008 he was appointed Managing Director of the Aerospace Consulting business, directing all of QinetiQ contract research and engineering services for the UK Government and Aerospace clients such as Airbus, Boeing, Bombardier, Goodrich, Rolls-Royce as well as clients such as NATS, Eurocontrol, BAA, British Airways, Virgin Group, the CAA and the AAIB.

In 2011 he joined the Clean Sky Joint Undertaking. In 2014 he was appointed Programme Manager for the Clean Sky 2 Programme under Horizon 2020. From 1 September 2019 he has assumed the post of Head of Strategic Development in the JU, concentrating on the preparations of a continued partnership under Horizon Europe and the research linked to the European Green Deal and EU's Climate Neutrality goals.



## **Elena Schmidt**

*RSB*

Elena Schmidt (M.A., M.Sc.) is the Executive Director of the Roundtable on Sustainable Biomaterials (RSB). With a technical background in biomass, biofuel and biomaterial sustainability standards, greenhouse gas assessments and certification, Elena has more than 10 years of experience engaging policy makers, industry partners and civil society stakeholders globally to develop sustainable solutions for the transformation of the economy.

Before taking on the role of Executive Director, Elena led RSB's standards and policy unit and coordinated the development of its sustainability standards in partnership with more than 100 members from the aviation, shipping, and chemical sectors. Elena also led the RSB Working Group for Advanced Fuels which developed a certification standard including recycled carbon fuels, as well as renewable fuels of non-biological origin.

Prior to the RSB, Elena worked for TÜV SÜD where she led certification activities for Climate and Energy and was responsible for audit programmes related to biofuel sustainability certification, green electricity labels and carbon footprints. In this role, she led the development of certification standards for renewable electricity and biomass attribution in complex chemical supply chains. Elena holds master's degrees in both environmental and political sciences.



## **Norbert Schmitz**

*ISCC*

Norbert Schmitz studied Business Administration at the University of Cologne, Germany, where he also acquired his PhD. After several years of work for a leading European management consultancy he founded Meo Carbon Solutions, a management consultancy focused on sustainable supply chains and carbon footprint reduction. During his time at Meo he developed ISCC, International Sustainability and Carbon Certification, in a multi-stakeholder approach. Today, more than 5,000 companies in over 100 countries use ISCC to reduce greenhouse gas emissions and demonstrate sustainability along their supply chains – from feedstock production, trade, and conversion to final consumer markets. For several years now he has been supporting the work of CORSIA and its Fuels Task Group (FTG).



## Clyde Hutchinson

*General partner, Team ABC*

Dr Clyde Hutchinson, General Partner at TEAM ABC and Partner at Journey Partner. Clyde is committed to global innovation and entrepreneurship having worked across 5 continents. At Team ABC , he is investing in early stage startups in air, land and sea transportation focusing on sustainability and digital transformation.

He has led several international innovation and startup programs such as Propeller Shannon (backed by Boeing and Datalex), Founder of Viva Air Labs (Latin America's first innovation hub for Aviation) Medellín, Colombia. Experienced mentor and evaluator working with EIC Accelerator, EU BlueInvest, EIT Digital/ Food/Health, RIF Cyprus, Sustainable Ocean Alliance, USC Incubator and Enterprise Ireland. Spent his early career as academic researcher working at University of Cambridge, Imperial College and Tokyo University focusing on international development, conservation and effect of habitat destruction on human health.





## JR Hammond

*Executive Director, Canadian Advanced Air Mobility*

JR Hammond is the Executive Director of CAAM, the Canadian Advanced Air Mobility Consortium.

CAAM is a Federal Not For Profit organization that acts as the catalyst for the new Advanced Air Mobility (AAM) industry in Canada. Advanced Air Mobility is defined as unlocking Zero-Emission (Electric & Hydrogen) Aircraft to operate in Canada both as flying vehicles and larger commercial airplanes. AAM operations focus on moving people, goods and services in both piloted and remotely piloted aircraft on intra-urban and inter-regional routes.

JR is also the CEO and Founder of Canadian Air Mobility based in Vancouver, Canada. Canadian Air Mobility is an activist-based investments company uplifting environmental, social, and inclusivity investments into the Advanced Air Mobility ecosystem.



# GREEN POLICY DAY



WELCOME AND INTRODUCTION



**Cora van Nieuwenhuizen**

*Minister of Infrastructure and Water Management, Netherlands*

# GREEN POLICY DAY



GREEN POLICIES TO FOSTER SUSTAINABLE  
DEVELOPMENT OF AVIATION



### **Peter Stoett**

*Dean and Professor, Faculty of Social Science and Humanities, Ontario Tech University*

Dr. Peter J. Stoett (PhD Queen's, 1994) is Dean of Social Science and Humanities of Ontario Tech University in Oshawa, Ontario; prior to 2017 he was the Director of the Loyola Sustainability Research Centre at Concordia University in Montreal. He is presently co-chairing an assessment for the International Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) and has also worked extensively with the United Nations Environmental Program. His main areas of expertise include international relations and law, global environmental politics, and human rights. He was a Fulbright Visiting Research Chair at the Woodrow Wilson International Center for Scholars in Washington, D.C.; an Erasmus Scholar at the International Institute for Social Studies in The Hague; a Leverhulme Scholar in Climate Justice at the University of Reading, UK; and held a Provost Fellowship at the University of Tasmania in Australia. Professor Stoett has also taught at the UN-mandated University for Peace in San Jose, Costa Rica, and the IMT Institute for Advanced Studies/Scuola di Dottorato, in Tuscany, Italy. Recent books include *Spheres of Ecoviolence* (Palgrave MacMillan 2021) and *Global Ecopolitics* (University of Toronto Press 2019).



## **Renato Godinho**

*Ministry of External Relations, Brazil*

Journalist and communicator by graduation, and with a master's degree in international diplomacy from Rio Branco Institute (2005), Renato Domith Godinho moved in 2003 from technological and scientific journalism to career diplomacy at the Ministry of Foreign Affairs in Brazil. In that capacity, he has served in Brazil and abroad, especially focusing on multilateral governance, negotiation, and process management. As Alternate Permanent Representative of Brazil to the United Nations Organization for Food and Agriculture (FAO), he has been from 2009-2012 a leading actor in the reform of the UN Committee of World Food Security (CFS), which resulted in higher impact outcomes and much stronger coordination with the private sector, academia, international organizations and civil society. Since 2015, he has been in charge of the Division for Energy Progress (DEN) in the Ministry of Foreign Affairs, dealing with international policy dialogue and cooperation for all forms of renewable energy, including hydropower, wind, solar and bioenergy. Since the launch, in COP22, in Marrakesh, of the Biofuture Platform, a 20-country coalition to promote advanced low carbon solutions for transport and industry, Renato has led the operational team responsible for its coordination/secretariat roles. With the transfer of the Facilitator role of the Biofuture Platform to the International Energy Agency (IEA) in 2019, Renato D. Godinho was appointed by the member countries as the Biofuture Platform's first Chairperson, for a term of two years, passing on the role to the United States on June 1st, 2021.

**Daisuke Otsuka**

*Director for Aviation Strategies Office, Civil Aviation Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan*

Otsuka Daisuke is Director for Aviation Strategies Office in Japan Civil Aviation Bureau (JCAB). Since April 2021, he has overseen the project toward the realization of a carbon-neutral and decarbonized society in the aviation sector. Especially he is in charge of promotion of use of SAF in Japan. Prior to coming to the JCAB, he was Secretary General of Japan Foundation For Regional Vitalization, and has more than 25 years experience in Ministry of Internal Affairs and Communications. After the Great East Japan Earthquake in 2011, he was appointed as the director of the Miyagi Prefecture Earthquake Reconstruction Planning Department and was dispatched to Miyagi Prefecture to contribute to the reconstruction of the earthquake. He graduated from the Faculty of Economic, Kyoto University in 1996.



**Hasan Mujahid**

*Additional Director Safety & Quality, Pakistan CAA*



### **Walid Al Rahmani**

*Assistant Director General - Strategy & International Affairs, UAE*

Walid Al Rahmani is the Assistant Director General Strategy and Intl Affairs and CEO Innovation at the UAE General Civil Aviation Authority.

He previously held the position of Director of Safety Policy Regulation and planning , State Safety P Program Manager and Airworthiness Inspector.

Walid has been a trainer since 2011, he is also an ISO internal auditor and a public sector innovation expert holding a diploma from Judge Business School, Cambridge. In addition, he completed the National Defence course at the Abu Dhabi National Defence College and he holds a Masters Degree in Security and Strategic Studies.

Walid is an aircraft engineer by profession and has worked with multiple organisations holding various positions within the UAE for 11 years prior to joining the GCAA.





## **Thorsten Lange**

*Executive Vice President Renewable Aviation, Neste*

Thorsten Lange has been the Executive Vice President of Neste Corporation's Renewable Aviation business unit and member of the Executive Committee since January 2020.

Before joining the company he worked at Lufthansa for two decades in various roles, most recently as the head of Fuel Procurement (Global). He has also had various positions in the oil sector.

Thorsten Lange is a member of the IATA Fuel Steering Group. Previously he has also been the Chairman of the IATA Commercial Fuel group, a member of the IATA Fuel Working Group as well as a member of the Star Alliance Fuel Advisory Group.



## Jan Pie

*Chair, International Coordinating Council of Aerospace Industries Associations (ICCAIA)*

Jan Pie has been Secretary General of the AeroSpace and Defence Industries Association of Europe (ASD) since 2013. ASD represents more than 3,000 companies of all sizes from 18 European countries, with a combined turnover of €260bn and the number of direct employees exceeding 890,000. ASD actively supports the competitive development of the industries in Europe and worldwide, by advocating common positions and providing technical expertise to European institutions, agencies and ASD members companies. ASD is also a producer of international standards used worldwide by industry, customers, governments, and international organizations such as NATO.

During 2021 and 2022, he is also Chairman of the Board of the International Coordinating Council of Aerospace Industries Associations (ICCAIA). ICCAIA provides an avenue for the world's aerospace manufacturers (Europe, US, Canada, Japan, Brazil and Russia) to offer their industry expertise to the development of the international standards and regulations necessary for the safety and security of air transport. ICCAIA actively participates in the work of the International Civil Aviation Organization (ICAO) and interacts with regulatory authorities such as the European Aviation Safety Agency (EASA) and the United States' Federal Aviation Administration (FAA). Jan served as the Chairman of the Board also during 2013-2014 and 2017-2019 (the Chairmanship rotates on a 2-year basis between Europe and US. For the periods in between, he serves as member of the Board of Directors). In addition, Jan is a delegate in the Consultative Commission on Industrial Change (CCMI) as part of the European Economic and Social Committee (EESC), and since 2021 also serves as an expert in the European Commission Industrial Forum.

He has extensive experience of leading positions in businesses and industry and holds an IFL Executive Management degree from the Stockholm School of Economics and an IHM Masters from the IHM Business School in Gothenburg.



## **Nancy Young**

*Vice President, Environmental Affairs, Airlines for America*

Nancy N. Young is the Vice President of Environmental Affairs at Airlines for America® (A4A). An environmental attorney, Ms. Young directs A4A's environmental sustainability programs. She serves on the steering group and as sustainability co-lead of the Commercial Aviation Alternative Fuels Initiative® (CAAIFI), which is working to hasten the deployment of commercially viable, environmentally preferred alternative jet fuels, and the Advisory Committee of the Center of Excellence for Alternative Jet Fuels and Environment (also known as the "Aviation Sustainability Center" or "ASCENT"). In addition, she participates in the working groups under the International Civil Aviation Organization's Committee on Aviation Environmental Protection and serves on the Board of the Air Transport Action Group (ATAG).

From 2015 through 2016, Ms. Young served on the United Nations Secretary-General's High-Level Advisory Group for Sustainable Transport. Prior to her current engagement with A4A, Young was a principal/partner at the law firm of Beveridge & Diamond, P.C., where she was co-chair of the firm's climate change and waste management and recycling practices. Ms. Young holds a BA from The College of William & Mary and a JD cum laude from Harvard Law School.



## **Flor Díaz Pulido**

*Head of the Aviation Policy Unit, European Commission*

After studying law at the ULPG (University of Las Palmas of Gran Canaria) and the Autonomous University of Barcelona and completing a master's degree in European law at Granada University, Flor Diaz Pulido followed up studies in diplomacy and international relations at the "CEI International Affairs" of Barcelona, including short periods at Cambridge University, Sciences Politiques (Paris) and the «Hautes Études Internationales» in Geneva.

She started her career as European Commission official in 1995 in the Legal Affairs department of DG Fisheries. She joined the Directorate General for Energy and Transport in 2000. She focused mainly on aviation and maritime transports, internal market, competition law, consumer affairs related to transport and passenger rights. Flor was appointed Deputy Head of Unit at the Passenger Rights Unit in DG MOVE in 2010.

In 2013, she joined DG GROW (Internal Market, Industry, Entrepreneurship and SMEs) as Deputy Head of Unit C2 Resource Efficiency and Raw Materials. In 2017, she joined the European Space Policy (currently DG DEFIS-Defence and Space) as Deputy Head of Unit in the direction of the Galileo space program. Flor came back to DG MOVE in June 2018, where she is currently the Head of Unit in the Aviation Policy Unit, in charge of sustainability policies of the aviation sector and the internal market of aviation and airport services, as well as coordination with ECAC and ICAO.



### **Andrei Mungiu**

*Policy Officer for ICAO relations and SAF, European Commission*

Andrei Mungiu works for the European Commission on EU environmental policies since 2012, and on aviation specific matters since 2017. After eight years in DG Climate Action, he works since 2020 as ICAO and ECAC Coordinator at DG Mobility and Transport, also being involved in work on environment protection, with a focus on Sustainable Aviation Fuels and Market-Based Measures. He serves as expert on ICAO CAEP, in Working Group 4 for CORSIA, Fuels Task Group, Long-Term Aspirational Goal Task Group.

He has extensive experience in the private sector in management of software products in Romania, China, US and Belgium. He holds an engineering master degree from the Polytechnics University of Bucharest, Romania.

# GREEN POLICY DAY



MULTI-STAKEHOLDERS PARTNERSHIPS FOR  
SUSTAINABLE AVIATION



**Lars Kobbersta**  
*Director General, CAA, Norway*



## Andreas Kuhlmann

*Spokesman & CEO, Global Alliance Powerfuels & German Energy Agency*

Andreas Kuhlmann has been the CEO of dena since July 2015. In this role, he increased dena's profile as a driver and pioneer of energy transition and climate protection. Exemplary projects for this include the international innovation initiative «Start Up Energy Transition», which now brings together around 1,500 start-ups from all over the world, as well as the «Integrated Energy Transition» pilot study, whereby dena, together with more than 60 partners from business and science, is developing strategies for the future and the achievements of the climate goals.

Andreas Kuhlmann sees the energy transition as one of the most fascinating change processes of the present day, which, in addition to challenges, above all also brings with it opportunities. With this in mind, he brings his knowledge of diverse national and international projects acquired at the interface between business and politics into the energy and climate policy debate. And he campaigns for more courage and determination in designing the framework conditions that are necessary for the success of the energy transition.

Andreas Kuhlmann (born in Recklinghausen in 1967, catholic, married, one daughter) majored in physics and minored in economics at the universities of Bonn, Heidelberg and Corvallis (USA). He started his career in 1995 at the Institute of Environmental Physics at Ruprecht-Karls University in Heidelberg, where he primarily focused on the carbon cycle. This was followed by various political posts, including at the European Parliament, with the Social Democratic Party of Germany (SPD), at the Bundestag, within the Federal Ministry of Labour and Social Affairs and at the German Embassy in Stockholm. In 2010 Andreas Kuhlmann joined the German Association of Energy and Water Industries (BDEW) and took over the Politics and Economics departments as Director of Strategy and Politics. He was responsible for the strategic and political development of BDEW as well as the dialogue with politics, business and the public.

Andreas Kuhlmann is also:

- Spokesman of the «Allianz für Gebäude-Energie-Effizienz» (geea) – «Alliance for Building Energy Efficiency»
- Member of the Secretariat of the World Energy Council (Germany)
- Founder of the global start-up network SET
- Member of the board of the Initiative Wohnungswirtschaft Osteuropa (IWO)
- Member of the Permanent Working Group of the Central Committee of German Catholics (ZdK) in Economic and Social Affairs
- Member of the Atlantic Bridge
- Chair of the board of the Drawdown Europe Research Association (DERA)
- Member of the Advisory Council of the Society of Benefactors of the Institute of Energy Economics at the University of Cologne e. V.
- Member of the Global Future Council on Energy Transition (Term 2016-2018, Term 2020-2022)





## **Dirk Fransaer**

*Chair of G Stic/ VITO, G Stic*

Dirk Fransaer is Managing Director of VITO, the Flemish Institute for Technological Research, the largest research institute in Belgium in the field of sustainability and cleantech.

Prior to joining VITO he worked as an assistant professor at the university of Ghent in the field of hydraulics research, at Baxter, a large US pharmaceutical company, on artificial organs and for 13 years in the field of aerial and satellite remote sensing.

He is author and co-author of more than 30 scientific papers published in national and international journals.

Dirk Fransaer is president of the board of directors of LIBOVITO (a 100 % daughter company in China, Beijing), of VITO Middle East (Qatar) and VITO Arabia (Dubai), member of the board of directors of VITO Asia (Hong Kong), also member of the board of directors of the Von Karman Institute for Fluid Dynamics, president of the Audit Committee and the Board of Programme Evaluation of the University of Antwerp, member of the Royal Flemish Academy of Belgium for Science and Arts, and Honorary professor Engineering at KU Leuven.



## **Kurt Edwards**

*Director General, International Business Aviation Council (IBAC)*

Kurt Edwards joined IBAC as the Director General in September 2012. He has overseen IBAC's increased outreach to industry, greater engagement with the International Civil Aviation Organization, and growth of IBAC's codes of best safety practices for business aircraft operators and ground handlers. Prior to IBAC, Mr. Edwards held various senior-level positions in the U.S. Federal Aviation Administration (FAA) responsible for liaison with European authorities and for global environmental matters.



## **Teresa Ehman**

*Air Canada*

Teresa currently holds the position of Senior Director, Environmental Affairs at Air Canada with 27 years of airline experience, focused on environmental management and sustainability issues, and is responsible for the oversight of Air Canada's Environmental Affairs Department.

She is currently a member of the International Air Transport Association (IATA) Sustainability and Environment Advisory Council (SEAC), Chair of the National Airlines Council of Canada (NACC) Environmental Subcommittee, is a Member of the Airlines for America (A4A) International Noise and Emissions Committee (INEC) and the Air Canada Alternative Fuel Working Group. She has actively represented Air Canada at forums such as the Canadian Renewable Fuels Association, the Responsible Travel and Tourism Forum, and the IATA Alternative Fuels Symposium. She is a professional engineer and member of the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC). Teresa holds two degrees: Engineering (University of Guelph), and Microbiology (University of Saskatchewan).



**JoeBen Bevirt**  
*CEO, Joby Aviation*

JoeBen Bevirt is the founder and CEO of Joby Aero, Inc., a mobility company that is building a fully-electric vertical take-off and landing (VTOL) passenger aircraft optimized to deliver an air taxi service. The Company is certifying a 5-seat aircraft nearly twice as fast and yet 100 times quieter than a helicopter.

Born an engineer, JoeBen has dedicated his life to driving radical innovation in the fields of electric propulsion and robotics. In 1999, JoeBen co-founded Velocity11 to develop highperformance robotic laboratory systems. Velocity11 experienced incredible growth and was acquired by Agilent Technologies in 2007. In 2005, he founded Joby Inc., which develops useful, unique, and delightful consumer products, including the popular Gorillapod flexible camerat tripod.

JoeBen holds a B.S. in Mechanical Engineering from the University of California, Davis and an M.S. in Mechanical Engineering from Stanford University. He is the recipient of the 2018 Haueter Award for outstanding technical contribution to the field of VTOL aircraft development. He holds 40 U.S. patents.



## **Iain Gray**

*Director of Aerospace, Cranfield University*

Professor Iain Gray CBE  
Director of Aerospace, Cranfield University

Iain Gray is the Director of Aerospace at Cranfield University. Iain joined Cranfield University in March 2015 after 7 years as the Chief Executive of InnovateUK. In this role he is responsible for all aspects of learning, executive education and research in Aerospace for the University and for developing the Aerospace Strategy across the University Group.

Prior to this, Iain was Managing Director and General Manager of Airbus UK, whose Bristol operation he joined when it was still part of British Aerospace.

Iain Gray has an Engineering Science Honours degree from Aberdeen University and gained a Masters of Philosophy at Southampton University. Since then Iain has received Honorary Doctorates from Aston, Bath, Bristol, Aberdeen, Cardiff, Exeter and the University of the West of England. In 2014, he was awarded a CBE for services to innovation.

Iain is a Chartered Engineer, a Fellow of the Royal Academy of Engineering; a Fellow of the Royal Society of Edinburgh, a Fellow of the Royal Aeronautical Society and in 2007 was awarded the Royal Aeronautical Society Gold Medal.

In 2016 he was awarded the Baird of Bute Award for his contribution towards aviation in Scotland. He is Chair of Aerospace Bristol Museum, a Non-Executive Director for Graphene based company Versarien and is Chairman of technology company CFMS UK Ltd.



## **Meiltje De Groot**

*CEO, Groningen Airport Eelde*

Meiltje de Groot (F) is the managing director of the Groningen Airport Eelde since January of 2021. She graduated from Groningen University in 1991 in Economics & Finance and has a long career in the aviation sector, including 12,5 years at Schiphol, 7 years of being the director of Twente Airport and 9 years as a director of Teuge International Airport. She is the founder of two organizations in the field of sustainable aviation and electric flying in the Netherlands. She is chairman of the association of Dutch airports (of which Schiphol is also a participant).



**Bettina Paschke**

*VP Carbon Accounting & Controlling, DHL Express*

# GREEN POLICY DAY



CLOSING – GREEN POLICY AND ICAO LEADERSHIP





## **Salvatore Sciacchitano**

*President of the ICAO Council*

Mr. Salvatore Sciacchitano is the sixth President of the ICAO Council. He succeeded Dr. Olumuyiwa Benard Aliu on 1 January 2020.

Mr Sciacchitano graduated in Telecommunications Engineering from the University of Catania and began his career in aviation in 1980, joining the Italian Airworthiness Authority (RAI) where he held positions of increasing responsibility, serving as the organization's Regulation Director in 1992, then as Technical Director and, in 1996, as Director General.

With the merger of the aviation branch of the Ministry of Transport and RAI and the subsequent establishment of the Italian Civil Aviation Authority (ENAC), Mr. Sciacchitano assumed the position of Deputy Director General. In this position, he played an instrumental role in coordinating the core business divisions of the newly founded structure. He was also entrusted with multiple international mandates, chairing the Permanent Commission of EUROCONTROL, representing Italy in the Management Board of European Aviation Safety Agency (EASA), holding the Vice-Presidency of the EUROCONTROL Provisional Council and coordinating the Italian delegation during ICAO Assemblies.

As a result of his extensive experience in aviation international affairs, Mr. Sciacchitano was appointed Executive Secretary of the European Civil Aviation Conference (ECAC) in 2010. In February 2019, he joined the Italian Delegation on the Council of ICAO, where he served until assuming his duties as President of the Council.



## John Kerry

*Special Presidential Envoy for Climate, United States*

On January 20, 2021, John F. Kerry was sworn in as our nation's first Special Presidential Envoy for Climate and the first-ever Principal to sit on the National Security Council entirely dedicated to climate change. President Biden announced Kerry would have a seat at every table around the world as he combats the climate crisis to meet the existential threat that we face. In recent years, Kerry was the Carnegie Endowment for International Peace's first ever Visiting Distinguished Statesman, following his four years as the 68th United States Secretary of State. As America's top diplomat, he guided the Department's strategy on nuclear nonproliferation, combating radical extremism, and the threat of climate change. His tenure was marked by the successful negotiation of the Iran nuclear deal and the Paris Climate Agreement.

From 1985 to 2013, he served as a U.S. Senator representing Massachusetts, and was Chairman of the Senate Foreign Relations Committee from 2009 to 2013. Secretary Kerry served in the U.S. Navy, completing two combat tours of duty in Vietnam for which he received a Silver Star, a Bronze Star with Combat V, and three Purple Hearts. He received his undergraduate degree from Yale University and his law degree from Boston College Law School. Secretary Kerry is the best-selling author of *A Call to Service*, *This Moment on Earth* with his wife Teresa Heinz Kerry, and his 2018 memoir, *Every Day Is Extra*, which *The New York Times* described as "a bittersweet reminder of what the country once demanded of its leaders." Secretary Kerry was the Democratic Party's nominee for President of the United States in 2004.



## **Gonzalo Muñoz**

*High-Level Climate Champion, COP25*

Gonzalo Muñoz was nominated by the Chilean presidency and the United Nations as the High- Level Climate Champion for the 25th Conference of the Parties (COP25) to the United Nations Climate Change Convention (UNFCCC), to mobilize climate action among non state actors around the world, as well as advise the presidency of COP25. Prior to this, he co-founded and ran TriCiclos, one of the more recognized Latin American companies focusing on the circular economy and recycling.

Mr. Muñoz was inspired by 10 years of running traditional food businesses, where he witnessed the waste generated by the private sector. He aims to offer a transformative service that helps the environment, while also being financially sustainable. Using business and entrepreneurial skills, he has successfully redirected his efforts to realizing his ideals and passion for sustainability and the environment. Mr. Muñoz launched TriCiclos in Chile, before moving its operations to Brazil. The company now operates in 13 countries in Latin America, where its mission is to foster new designs for a world without waste. TriCiclos was also the first company to become a certified B Corp outside North America. He also co-founded Sistema B and is a member of the Board of Directors at B Lab. Today, he is a member of the National Advisory Committee of Water, Green Hydrogen and the Circular Economy