IATA AVIATION ENERGY FORUM

Abu Dhabi, UAE
7 – 9 November 2023

PROGRAM
Monday, 6 November
18h00 – 20h00 WELCOME COCKTAIL RECEPTION

Tuesday, 7 November

JOINT SESSIONS

09h00 – 09h15 Welcome, Admin and Anti-trust Briefing
- Hemant Mistry, Director Net Zero Transition, IATA

09h15 – 09h40 Keynote Address
- Sultan Albigishi, CEO, ADNOC Refining

09h40 – 10h05 Fireside Chat
- Judith Connatty, Fuel & Insurance Director, Air Europa
- Mark Vaughan, Head Technical Fuel, IATA
- Moderated by Hemant Mistry, Director Net Zero Transition, IATA

10h05 – 10h30 State of the Airline Industry
A report by IATA on the airline industry’s financial health, performance, and outlook.
- Andrew Matters, Director Policy and Economics, IATA

10h30 – 11h10 NETWORKING BREAK

11h10 – 12h50 Jet Fuel Supply Resilience
Two related back-to-back sessions on jet fuel supply resilience
- Both sessions moderated by Jonathan Pardoe, Fuel Consultant for Star Alliance

11h10 – 12h00 Part 1: Fuel Supply Resilience at Airports
What are the key factors affecting supply resilience (supply route options, infrastructure capacity, logistical challenges, jet fuel source options, etc.), where are some of the risky major locations, and what need to be done to improve supply resilience at these locations?
- Simon Weiss, Head of Aviation, Mabanaft
- Thomas Richter, Head of Fuel Purchasing, Lufthansa
- Alan Blanchflower, Senior Manager Fuel & Ground Services, Qatar Airways
- Phillip Van der Merwe, Aviation Commercial Manager – EMEA & APAC, Puma

12h00 – 12h50 Part 2: Jet Fuel Infrastructure Investment – What is needed and where?
The industry needs investments to upgrade and enhance existing jet fuel infrastructure in order to avoid increasing occurrences of supply disruptions. In what types of jet fuel infrastructure and at which locations are investments most needed? What is needed to attract the necessary investments? This session explores these questions.
- Mine Bolgil, VP Aviation Commercial, Air bp
- Katja Kleffmann, Head of Fuel Management Supply, Lufthansa
- Morven McCrindle, Chief Commercial Officer, JET Infrastructure
- Wade Morrell, Chief Strategy Officer, FSM Management Group
Tuesday, 7 November

JOINT SESSIONS

12h50 – 14h10  LUNCH BREAK

14h10 – 14h50  Roadmaps to Net Zero 2050
How will aviation achieve its Net Zero 2050 target? IATA recently released five strategic roadmaps which provide an overview of the crucial steps required for this to happen. This session explains the roadmaps.
- Alejandro Block, Manager New Energy and Technologies, IATA

14h50 – 15h30  Global Policy Developments on Aviation’s CO2 Emissions
This session provides an update on policy developments from ICAO, EU, US and other jurisdictions relating to the industry’s CO2 emissions and on SAF and LCAF, and the implications to airlines.
- Daniel Chereau, Head Fuel, IATA
- Judith Connatty, Fuel & Insurance Director, Air Europa

15h30 – 16h10  NETWORKING BREAK

16h10 – 17h00  SAF Production Ramp-up via Co-processing
Co-processing of fats, oils, and greases and of synthetic crude with petroleum crude oil to produce SAF are approved technological pathways under ASTM D7566. These pathways allow utilization of existing refining infrastructure and much less capex needed to start producing SAF. Is this the answer to a rapid SAF production ramp-up? What are the benefits, challenges, and limitations? This session explores these questions and more.
- Alvaro Macarro, Head of Sustainable Aviation, CEPSA
- Amardeep Mudhar, Senior Manager, Global Aviation Product Quality, Air bp
- Abdulla Omar Al Ameri, SVP Project & Technical, ADNOC
- Ignacio Bilbao, SAF Originator – Spain, IAG
- Moderated by Malvyn Tan, Head Commercial Fuel, IATA

17h00 – 17h30  Super Absorbent Polymer – Closing Report
This session provides information on the work of the Special Interest Group on Filtration since it was re-established in 2021. An updated roadmap for the transition away from Filter Monitor Technology will be provided as well as additional guidance for airlines.
- Andreas Schmidt, Manager Jet Fuel Quality, Lufthansa

19h00 – 22h00  GALA DINNER

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Wednesday, 8 November

COMMERCIAL SESSIONS

09h15 – 09h25  Welcome, Admin and Anti-trust Briefing
- Daniel Chereau, Head Fuel, IATA

09h25 – 10h10  Oil Market Outlook
What are the predictions and forecast for the oil and jet fuel markets amid recent geopolitical developments and the state of the global economy? An expert on the oil market will provide insights and views on these.
- Roberto Sieber, Chief Economist, Global Head Market Analysis, Hartree and Partners

10h10 – 10h50  Best Practices in Jet Fuel Storage at Airports for Supply Reliability
How much storage is required at an airport to ensure good reliability of jet fuel supply? An expert shares the considerations and some key real case examples that the industry could look into.
- Dan Eekhoff, Program Manager – Fuel Infrastructure, Burns & McDonnell, Engineering Company, Inc.

10h50 – 11h30  NETWORKING BREAK

11h30 – 12h20  Making SAF competitive against conventional aviation fuel - what is required?
The cost of SAF production today remains significantly higher than for fossil-based jet fuel, raising the question of affordability for the airline industry. What can be done to narrow the price premium for SAF with fossil-based jet fuel? A panel will explore and recommend solutions.
- Jan Toschka, President of Aviation, Shell Aviation
- Sophie Byron, Global Director, Biofuels Pricing, S&P Global Commodity Insights
- Maryam Al Balooshi, Manager – Environment, GCAA UAE
- Moderated by Daniel Chereau, Head Fuel, IATA

12h20 – 13h10  The SAF Sustainability Certification Process: Enabling Claiming of Environmental Attributes
ISCC and RSB are currently two Sustainability Certification Schemes approved by ICAO to certify fuel economic operators for compliance with CORSIA sustainability criteria and methodology for calculating Life Cycle Emissions Values. How does this certification process work along the SAF supply chain and what documents are issued to enable an airline to claim the benefits of SAF usage under various regulatory schemes such as CORSIA and EU ETS? An expert panel will discuss the process and challenges.
- Aaron Robinson, Vice President – Sustainable Aviation Fuel, U.S, IAG
- Astrid Sonneveld, Technical Development Manager, Aviation, Neste
- Dr. Gernot Klepper, Chairman, ISCC
- Max Eichelbaum, Digital Solutions Manager, RSB
- Moderated by Azim Norazmi, Manager Climate Policy, IATA

13h10 – 14h30  LUNCH BREAK

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Wednesday, 8 November

COMMERCIAL SESSIONS

14h30 – 15h10  **Workshop 1: Airlines’ Obligations in CORSIA and the Role of SAF**
This session explains airlines’ obligations under CORSIA and how usage of SAF fits into this global scheme.
- **Aaron Robinson**, Vice President, Sustainable Aviation Fuel, U.S., IAG
- **Azim Norazmi**, Manager Climate Policy, IATA

**Workshop 2: SAF Procurement and ‘SAFSMA’**
This session looks at the considerations for procurement of SAF and runs through the new model agreement for supply of SAF blend published in July 2023.
- **Heiko Mannes**, Head of Fuel Management, Lufthansa

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**Workshop 3: Jet Fuel Pricing – The Dynamics and Terminologies**
This session gets you acquainted with the dynamics of pricing jet fuel in different regional markets, how the physical market and paper market are tied, and what some common market terminologies such as CIF, FOB, arbitrage, and differentials mean.
- **Daniel Colover**, Marketing Engagement Manager, S&P Global Commodity Insights

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16h30 – 17h15  **NETWORKING TIME**

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Wednesday, 8 November

TECHNICAL SESSIONS

09h00 – 09h10  Welcome, Admin and Anti-trust Briefing
- Mark Vaughan, Head Technical Fuel, IATA

09h10 – 10h00  Airport infrastructure requirements for H2 aircraft
What will airports need to refuel H2 aircraft?
- Anirudh Vyas, Future Safety Specialist, UK CAA
- John Beasley, Airport Development Team Leader, Arup
- Julien LeHalle, Investment Director, New Energies, Airbus
- Nick Flak, General Manager, Planning and Sustainability, Christchurch Airport
- Moderated by Alejandro Block, Manager New Energy and Technologies, IATA

10h00 – 10h40  Better engine efficiency to reduce emissions
In this session we will look at technology advancements in propulsion and how this might influence the fuel specification going forward.
- Ross Walker, Manager Fuels & Hydromechanical Systems, Airbus
- Alastair Hobday, Associate Fellow – Fuels and Lubricants, Rolls Royce
- Eurydice Kone, OEM and Sector Manager, Shell Aviation
- Gurhan Andac, Engineering Technical Leader, Aviation Fuels & Additives, General Electric
- Moderated by Robert Midgley, Global Technical & Quality Manager Aviation Fuels, Shell Aviation

10h40 – 11h10  NETWORKING BREAK

11h10 – 11h25  100% SAF demo/ experimental flights
This session will take us through what it takes to embark on such a journey. This is an introduction to the following session.
- Jean-Philippe Belières, Technical Fellow, Boeing

11h25 – 12h05  100% SAF Transatlantic flight
As the industry endeavors to show their commitment to reaching net zero in carbon emissions by 2050, airlines are looking at conducting 100% fully formulated SAF flights. What is required from airlines and OEM to do this?
- Alastair Hobday, Associate Fellow – Fuels and Lubricants, Rolls Royce
- David Kettner, President and General Counsel, Virent
- Luke Ervine, Head of Sustainability, Virgin Atlantic
- William Griffin, Technical Leader, Boeing
- Valerio Ferro, VP Sales and Marketing, BP
- Moderated by Maks Kraidelman, Associate, Sustainable Aviation, ICF

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Wednesday, 8 November

TECHNICAL SESSIONS

12h05 – 13h15  Microbiological contamination in aircraft fuel tanks
The civil aviation sector is still struggling with single source supply for Biocide to be used for decontaminating microbial activity in fuel tanks. This session will cover a status update for additional biocides for the aviation industry. There will also be an update on the status of the microbiological test kit project. Moreover, there will be a review on options to remove existing microbial contamination in the aircraft fuel tank.
- **Graham Hill**, Managing Director, ECHA Microbiology Ltd.
- **Christian Siry**, Head of Central Materials Technologies Unit, Lufthansa Technik AG
- **Simeon Dean**, Sales Director, Fuelcare Ltd.

13h15 – 14h25  LUNCH BREAK

14h25 – 15h25  Industry Updates
Key updates from our industry partners: Energy Institute (EI), Coordinating Research Counsel (CRC), IATA Specification Liaison Group (ISLG) and American Society for Testing and Materials (ASTM).
- **Anthony Kitson-Smith**, Fuel PQ and Operations Consultant, Vitol Aviation
- **Martin Hunnybun**, Head of Good Practice – Fuels & Fuel Handling, Energy Institute
- **Amy Carico**, Director, Fuel Services and Technical Standards, Airlines for America
- **Jack Burgazli**, Corporate VP of Innovation, Innospec Inc.
- **George Zombanakis**, Principal Engineer, United Airlines

15h25 - 15h55  Fueling equipment and facilities
Overview of the latest update to EI 1540: Design, construction, commissioning, maintenance and testing of aviation fueling facilities.
- **Nic Mason**, Supply and logistics Director, Q8 Aviation

15h55 - 16h25  NETWORKING BREAK

16h25 – 17h10  Training and qualification of fueling staff in airport fueling operations
This session looks at the legal requirements set out by IOSA, JIG, EASA, FAA etc. and how fueling operators adhere to this.
- **Sunil Kumar**, Quality Assurance specialist, ADNOC
- **Amy Carico**, Director, Fuel Services and Technical Standards, Airlines for America
- **Marco DiMario**, SVP Fuels, Menzies Aviation
- **Moderated by Hendrik Schmeil**, Technical and Training Manager, IFQP

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Thursday, 9 November

COMMERCIAL / JOINT SESSIONS

09h20 – 09h30
Welcome, Admin and Anti-trust Briefing
- Malvyn Tan, Head Commercial Fuel, IATA

09h30 – 10h10
Jet Fuel Production and Pricing in the Middle East
Is the Middle East a net jet fuel export region? Where are exports going to? How do prices compare with other markets and what is the reason for the differences? An expert will provide insights.
- Louise Burke, VP Strategic Business Development NA Renewables and Global Head of Aviation, Argus Media

10h10 – 10h55
Changing Crude Oil Refining Economics and Impact on Future Jet Fuel Production
A look at refining economics: will there be more closures of refineries driven by the peaking of demand for some refined products in the next 10-15 years? Will there be an increasing reliance on jet fuel margins to keep refineries viable? An expert will share the analysis and predictions.
- Rob McLeod, Head of Price Risk Solutions, Hartree Partners Advisory Services

10h55 – 11h30
NETWORKING BREAK

11h30 – 12h15
Developing SAF Projects in the Middle East
This session explores the potential for developing a SAF industry in the Middle East, profiling feedstock options, the most applicable SAF production technologies and regional specific co-benefits associated with the value-chain.
- Julien Lehalle, Investment Director, New Energies, Airbus
- Shannon Scott, Environmental Affairs Manager, Emirates
- Sylvain Verdier, Senior Business Strategy Manager, Topsoe
- Moderated by Farah Mesmar, Manager External Affairs, IATA

12h15 – 12h30
Wrap-up and Closing

12h30 – 14h00
LUNCH BREAK

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09h10 – 09h20  Welcome, Admin and Anti-trust Briefing  
- Mark Vaughan, Head Technical Fuel, IATA

09h20 – 10h10  Progress on qualification of new technological pathways  
This session aims to providing an update on ASTM D 7566, including technological pathway Annex A8 (Alcohol to Jet with Synthetic Kerosene with Aromatics in ATJ-SKA) that has just been added. There will also be an update on Co-processing and Low Carbon Fuels (LCF)  
- Gurhan Andac, Engineering Technical Leader, Aviation Fuels & Additives, General Electric  
- Stephane Morin, Manager, Experimental R&D, ADNOC

10h10 – 11h00  Operating standards update  
Latest statistics from inspections conducted by IATA Fuel Quality Pool (IFQP) and Joint Inspection Group (JIG) updates  
- Javier Agueda, Head of Corporate Safety, Etihad  
- Ibon Ibarrola, Technical Manager, Joint Inspection Group

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12h15 – 12h30  Wrap-up and Closing

12h30 – 14h00  LUNCH BREAK