

# IATA AVIATION ENERGY FORUM

Baku, Azerbaijan  
13-15 May, 2025

# PROGRAM



Host airline



# IATA AVIATION ENERGY FORUM

## Monday, 12 May

18:00– 20:00      WELCOME COCKTAIL RECEPTION

## Day 1: Tuesday, 13 May

### JOINT SESSIONS

09:00 – 09:15      **Welcome, Admin and Anti-trust Briefing**

09:15 – 09:40      **Opening Keynote Address**

09:40 – 10:05      **Keynote Address**

10:05 – 10:30      **State of the Airline Industry**

10:30 – 11:15      **MORNING BREAK**

11:15 – 11:55      **Jet fuel supply chain constraints - the bottlenecks and what needs to be done**  
Constraints in the jet fuel supply chain have impacted the reliable supply of fuel to airlines at several airports around the world. This session delves into the types of jet fuel supply chain constraints, where these are happening, and what can be done to mitigate or resolve the problems.

11:55 – 12:35      **Fuel supply disruptions and the costs to airlines**  
Fuel supply disruptions are costly to airlines as they result in flight cancellations, flight diversions, passenger re-accommodation, extra crew deployment, and many other consequences that incur additional costs for airlines. This session explores the costs that airlines are exposed to in a fuel supply disruption and what can be done to shorten the period of disruption and reduce the occurrence in the first place.

12:35 – 14:10      **LUNCH BREAK**

14:10 – 14:50      **Leveraging automation and advanced technologies for aircraft fueling**  
With manpower shortages to carry out aircraft fueling occurring in a number of locations around the world, can the industry leverage automation and advanced technologies to increase efficiency and productivity and reduce reliance on manpower? What are some of the potential solutions and the challenges of implementing automation and other technologies in aircraft fueling? This session will explore the topic.

#IATAAEF

Please note that the IATA AEF Program is regularly updated and is subject to change. For more information on this event, please contact [Energyforum@iata.org](mailto:Energyforum@iata.org)



# IATA AVIATION ENERGY FORUM

## Day 1: Tuesday, 13 May

### JOINT SESSIONS

14:50 – 15:30

#### **Developments in global SAF policies and ReFuelEU**

This session will provide updates on the development of SAF policies around the world with a main focus on ReFuelEU.

15:30 – 16:20

#### **AFTERNOON BREAK**

16:20 – 17:00

#### **Introduction of SAF in markets supplied with TS-1 jet fuel – a case study of Kazakhstan**

The Russian jet fuel specification, TS-1, is used mostly in countries of the Commonwealth of Independent States. The GOST standard has yet to incorporate the specification for synthetic aviation turbine fuel and the timeline for this happening remains uncertain. This poses a challenge for countries using TS-1 that would like to use SAF. Kazakhstan is one of those countries. This session looks at the steps and processes that Kazakhstan is taking to address the issue.

19:00 – 22:00

#### **NETWORKING DINNER**

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# IATA AVIATION ENERGY FORUM

## Day 2: Wednesday, 14 May

### COMMERCIAL SESSIONS

- 09:00 – 11:00**      **Airlines-only session**
- 11:00 – 11:30**      **MORNING BREAK**
- 11:30 – 11:40**      **Welcome, Admin and Anti-trust Briefing**
- 11:40 – 12:20**      **Oil Market Outlook**  
What are the predictions and forecasts for the oil and jet fuel markets amid recent geopolitical developments and the state of the global economy? An expert on the oil market provides insights and views on these.
- 12:20 – 13:00**      **Refining economics - the consideration for the production of jet fuel**  
Crude oil refining yields multiple products, of which jet fuel is one. What does a refinery consider when deciding how much jet fuel it would produce? This session delves into the economics of crude oil refining and what affects the amount of jet fuel that a refinery produces.
- 13:00 – 14:40**      **LUNCH BREAK**
- 14:40 – 15:20**      **Peak Oil – Where are the major economies heading on future consumption of oil and refined products and how will that affect global oil production and prices?**  
Global demand for oil is expected to peak within the decade due to a combination of technological advancements, policy changes, shifting consumer behaviors, and the rise of alternative energy sources. Which major economies are fast approaching a peak in their demand for oil and refined products and which ones are still growing their demand? This session peeks into the demand dynamics of oil and refined products of these economies and how future demand for jet fuel will be met.
- 15:20 – 16:00**      **Jet fuel supply landscape in the Commonwealth of Independent States**  
Experts will share insights on the jet fuel supply landscape in various countries of the Commonwealth of Independent States including domestic production, imports, logistics, and market access, among others.
- 16:00 – 17:15**      **AFTERNOON REFRESHMENTS AND NETWORKING**

# IATA AVIATION ENERGY FORUM

## Day 2: Wednesday, 14 May

### TECHNICAL SESSIONS

- 09:00 – 09:10**      **Welcome, Admin and Anti-trust Briefing**
- 09:10 – 10:00**      **Operating Standards Update**  
This session provides an update and highlights the top findings experienced in the field by IATA Fuel Quality Pool (IFQP) and Joint Inspection Group (JIG). What do they indicate and how are they addressed?
- 10:00 – 10:30**      **Ensuring Safety on the Apron: A Focus on Fueling Operations**  
This session is dedicated to promoting safety awareness during apron operations, with a particular emphasis on fueling procedures. Join us to explore best practices.
- 10:30 – 11:00**      **Qualifications for training standards**  
At the last forum, an action item was identified to investigate the development of standards for refuellers. This session will provide an update on the progress made and the future action plan.
- 11:00 – 11:30**      **MORNING BREAK**
- 11:30 – 12:30**      **Fuel Hydrant Systems**  
At the previous two forums, we explored the design and commissioning of fuel hydrant systems. Given the current global landscape and the significant increase in air traffic post-COVID, this session will focus on the challenges experienced in this region with fuel hydrant systems during the ramp-up period. Join us to discuss and address these critical issues to ensure efficient and safe operations.
- 12:30 – 13:00**      **Progress on qualification of new technological pathways**  
Update on the latest developments in ASTM D 7566
- 13:00 – 14:40**      **LUNCH BREAK**
- 14:40 – 15:40**      **Ensuring Fuel Quality: A Deep Dive into Filtration Systems**  
Filtration is crucial throughout the jet fuel supply chain to ensure that fuel delivered to aircraft is on-spec, free of particulates, and dry. Filtration manufacturers will guide us through all the considerations involved in designing and manufacturing filters to meet these stringent requirements. This session will provide valuable insights into the technologies and practices that ensure the highest fuel quality standards.

# IATA AVIATION ENERGY FORUM

## Day 2: Wednesday, 14 May

### TECHNICAL SESSIONS

- 15:40 – 16:10**      **Impact of Jet Fuel Characteristics on Airplane Operations**  
This is an update on the topic.
- 16:10 – 16:30**      **AFTERNOON BREAK**
- 16:30 – 17:30**      **Refuelling Equipment: Advancements in refuelling technology, latest developments and revision to standards**  
This session will cover the latest developments in new technologies related to refuelling equipment. The release of the latest revisions to the Energy Institute (EI) documents will also be discussed.
- 17:30 – 17:35**      **Wrap up**

# IATA AVIATION ENERGY FORUM

## Day 3: Thursday, 15 May

### COMMERCIAL / JOINT SESSIONS

- 09:20 – 09:30**      **Welcome, Admin and Anti-trust Briefing**
- 09:30 – 10:10**      **SAF Sustainability Certification – Operationalizing Dual Conformance and Proof of Compliance**  
Dual Conformance in the Proof of Sustainability document (PoS) allows airlines to claim the SAF's environmental attributes against the regulatory scheme of their choice, whereas the Proof of Compliance document is needed for airlines when their suppliers have surrendered the PoS to the relevant authorities to prove their compliance with a mandate such as in ReFuelEU. This session explores how Dual Conformance and Proof of Compliance are operationalized.
- 10:10 – 10:50**      **SAF pricing – will carbon intensity be factored into the pricing of SAF?**  
Does the market for SAF view SAF with a lower carbon intensity as more valuable? Will it drive a change in the way SAF is priced from purely volumetric pricing to one that factors in carbon intensity? This session will explore the direction of SAF pricing.
- 10:50 – 11:30**      **MORNING BREAK**
- 11:30 – 12:15**      **Lower Carbon Aviation Fuels - how is lower carbon achieved, and what are the potential contributions to the Net Zero transition?**  
What constitutes lower carbon aviation fuels (LCAF) and how can they contribute to the decarbonization of aviation? A panel of experts will discuss this topic.
- 12:15 – 12:30**      **Wrap-up and Closing**
- 12:30 – 14:00**      **LUNCH BREAK**

# IATA AVIATION ENERGY FORUM

## Day 3: Thursday, 15 May

### TECHNICAL / JOINT SESSIONS

- 09:00 – 09:10**      **Welcome, Admin and Anti-trust Briefing**
- 09:10 – 09:40**      **First 40KL EV Refueller Incorporation in Airport Fueling Operations:**  
Development, Adaptation and Incorporation of first 40KL EV Refueller into airport operations at STR airport by Skytanking. Risk Assessment Experiences and current experiences after +1500 fuelings performed.
- 09:40 – 10:50**      **Industry Updates**  
This session provides updates from industry partners: Energy Institute (EI), European Union Aviation Safety Agency (EASA), IATA Specification Liaison Group (ISLG), and American Society for Testing and Materials (ASTM).
- 10:50 – 10:55**      **Wrap up**
- 10:55 – 11:30**      **MORNING BREAK**
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