

**IATA**

**AVIATION**

**ENERGY FORUM**

Seattle, USA  
16-18 May 2023

**PROGRAM**



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**Tuesday, 16 May**

- 09h00 – 09h15**      **Welcome, Admin and Anti-trust briefing**
- 09h15 – 09h40**      **Keynote Address**
- 09h40 – 10h05**      **State of the Industry**  
The latest industry outlook considering market and economic developments with an update on the forecast for traffic development and the financial health of the industry.
- 10h05 – 10h50**      **Energy Requirements for Energy Transition**  
This session takes a deep dive into understanding the comprehensive energy requirements needed for the industry to make the energy transition to reach its Net Zero 2050 goal, identify the challenges involved and how they could be overcome.
- 10h50 – 11h30**      **NETWORKING BREAK**
- 11h30 – 12h05**      **SAF Global Market Outlook**  
The session presents the latest SAF Market Outlook which identifies and unpacks the key developments in SAF globally and in particular in North America and Europe, providing updates on biorefining, and feedstock availability and forecasts.
- 12h05 – 13h00**      **Financing the Global SAF Ramp-Up**  
To reach the industry's Net Zero 2050 goal, SAF usage is expected to exceed 350 million tonnes annually. With 2022 production of SAF at under 0.5 million tonnes, much investment into SAF production capacity would be needed in the years ahead. How much investment is needed and where will the funds come from and what is needed to attract the funds? A panel of experts will discuss these challenges.
- 13h00 – 14h15**      **LUNCH BREAK**
- 14h15 – 15h00**      **Fuel Supply Disruptions in USA: Causes, Challenges and Outlook**  
There have been numerous jet fuel supply disruptions at airports in USA in the past 18 months. What are the underlying causes and challenges and what would be needed to resolve or mitigate these disruptions?
- 15h00 – 15h50**      **NETWORKING BREAK**
- 15h50 – 16h30**      **Technical fuel issues and their impact on airlines**  
This session looks at various issues in technical fuel and how they can impact safety and airlines' operations and costs.
- 16h30 – 17h10**      **Super Absorbent Polymer (SAP) - Current Development and Way Forward**  
This session reports on the current development in the replacement of SAP filter monitors

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## Wednesday, 17 May

- 09h15 – 09h25**      **Welcome, Admin and Antitrust briefing**
- 09h25 – 10h05**      **Oil Market Outlook**  
What are the predictions and forecast for the oil and jet fuel markets amid the geopolitical developments such as the ongoing Russian-Ukraine war and the state of the global economy? An expert on the oil market will provide insights and views on these.
- 10h05 – 10h50**      **Review of SAF incentives around the world**  
This session provides an update on the incentive schemes available globally for SAF production or usage including North American and Dutch incentives
- 10h50 – 11h30**      **NETWORKING BREAK**
- 11h30 – 12h15**      **Sustainability Certification and Claiming the Environmental Benefits of SAF**  
This session informs on the certification process for SAF within the supply chain and how airlines purchasing SAF and their customers are able to obtain the Proof of Sustainability Certificate and claim the environmental benefits.
- 12h15 – 13h00**      **SAF Book and Claim - Where are we and what is next?**  
What is the current status on SAF book and claim and what are the challenges and solutions needed to create a functioning global SAF Book and Claim system?
- 13h00 – 14h30**      **LUNCH BREAK**
- 14h30 – 15h05**      **Transitioning from Bowser Fueling to Hydrant Fueling**  
There have been a number of cases where airport locations have decided to install a hydrant system and implement hydrant fueling in place of bowser fueling. This has often led to an increase in costs for users. When is a move from bowser fueling to hydrant fueling justified? This session looks at the conditions and considerations that justify a change to hydrant fueling.
- 15h05 – 15h45**      **Understanding Jet Fuel Trading**  
This session looks at the process and considerations involved in the trading of jet fuel including pricing aspects, arbitraging and logistics.
- 15h45 – 16h30**      **NETWORKING BREAK**
- 16h30 – 17h15**      **Introduction of Jet A in Latin American Markets: Progress and Future Challenges**  
In recent years, jet fuel supply in a few major Latin American markets have transitioned from Jet A1 to Jet A. This session discusses the rationale for these changes, looks at the current progress and what further challenges lie ahead.

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**Wednesday, 17 May**

**TECHNICAL SESSION**

**09h00 – 09h10**

**Welcome, Admin and Antitrust briefing**

**09h10 – 10h20**

**How much free water is there in fuel delivered through hydrant systems?**

A study on free water concentrations in fuel hydrant systems, from Electronic Water Sensors (EWS) readings collected during the Joint Industry Filtration Field Trials conducted by A4A, JIG and IATA.

Do we have the data required to start investigating variable into plane fuel filtration standards on systems fitted with EWS?

**10h20 – 11h00**

**NETWORKING BREAK**

**11h00 – 11h45**

**“Natural Disasters”**

Design of airport fueling infrastructure to withstand natural disaster (earthquakes, flooding, wildfires, etc.) and a view on actual experience of a fueling company dealing with the situation after the devastating earthquake in Turkey.

**11h45 – 12h30**

**Microbiological contamination:**

Field examples of the damage caused by microbiological contamination in aircraft fuel tanks. The effects and mitigation steps to be taken for "type 2" biofilm.

Revision 6 of the IATA Guidance Material on Microbiological Contamination in Aircraft Fuel Tanks and the way forward with revision 7 and the Coordinating Research Counsel (CRC) funded study "Microbial Test Kit Evaluation".

**12h30 – 13h45**

**LUNCH BREAK**

**13h45 – 14h45**

**Industry Updates:**

Key updates from our industry partners (Energy Institute, Coordinating Research Counsel, American Society for Testing and Materials, Joint Inspection Group and IATA Fuel Quality Pool).

**14h45 – 15h30**

**Fuel facility inspection findings and fueling equipment:**

Top inspection findings related to fueling equipment and latest developments from the refueling equipment manufacturers.

**15h30 – 16h00**

**NETWORKING BREAK**

**16h00 – 17h00**

**Filtration:**

Developments on aviation fuel filtration. What are the filter manufactures doing to support the industry?

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**Thursday, 18 May**

**COMMERCIAL SESSION**

**09h20 – 09h30**

**Welcome, Admin and Antitrust briefing**

**09h30 – 10h15**

**Sanctions on Russian Oil and Products: How has that affected the global jet market?**

Western sanctions on Russian crude oil and products have been in place since Dec 2022 and Feb 2023 respectively. How have these sanctions affected the way jet fuel is supplied around the world? An expert will provide insights.

**10h15 – 11h00**

**Navigating the pandemic - How has the North American Consortium model fared?**

The North American consortium model is considered as one of the more effective fuel infrastructure operating models that enable fuel to be supplied at an airport reliably and cost efficiently. The pandemic which led to a collapse in fuel volumes has challenged the operational viability of jet fuel infrastructure at large. How did the North American Consortium Model navigate through these challenges? Experts of the model share their insights.

**11h00 – 11h15**

**REFRESHMENT BREAK**

**JOINT SESSION**

**11h15 – 12h00**

**Diversifying America's SAF Pool**

This session unveils specific regional opportunities in the Americas to diversify beyond HEFA-based SAF output and identifies existing and emerging opportunities across the North American continent on relevant feedstock and production pathways.

**12h00 – 12h15**

**Wrap up and Close**

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# IATA AVIATION ENERGY FORUM

Thursday, 18 May

## TECHNICAL SESSION

- 09h00 – 09h10**      **Welcome, Admin and Antitrust briefing**
- 09h10 – 10h10**      **Turnaround procedures for hydrogen aircraft**  
Hydrogen aircraft are currently in development, and retrofitted sub-regional aircraft are likely to enter service before the end of the decade. This session will bring together three OEMs with active hydrogen aircraft projects to discuss their approach, as well as representation from an independent working group looking into developing refill standards for hydrogen aircraft.
- 10h10 – 11h00**      **Progress on approval of new technological pathways for SAF**  
This session aims at providing an update on technological pathways undergoing ASTM4054 evaluation as well as the role for the UK and the European Clearinghouse efforts to accelerate novel pathway qualification under ASTM D7566.
- 11h00 – 11h15**      **REFRESHMENT BREAK**

## JOINT SESSION

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- 12h00 – 12h15**      **Wrap up and Close**