

# IATA AVIATION ENERGY FORUM

Kuala Lumpur, Malaysia  
12-14 November, 2024

## PROGRAM

Host airline



# IATA AVIATION ENERGY FORUM

Monday, 11 November

18:00– 20:00

WELCOME COCKTAIL RECEPTION

Day 1: Tuesday, 12 November

## JOINT SESSIONS

09:00 – 09:15

### **Welcome, Admin and Anti-trust Briefing**

- Hemant Mistry, Director Net Zero Transition, IATA

09:15 – 09:40

### **Opening Keynote Address**

- Capt. Izham Ismail, Group Managing Director, Malaysia Aviation Group

09:40 – 10:05

### **Keynote Address**

- YB Mr. Anthony Loke, Minister of Transport, Malaysia

10:05 – 10:30

### **State of the Industry by IATA**

- Andrew Matters, Director Policy and Economics, IATA

10:30 – 11:10

## **MORNING BREAK**

11:10 – 11:50

### **Importing jet fuel - the commercial, operational, and technical considerations**

With refinery closures taking place in many parts of the world where aviation has continued to grow, demand for jet fuel at these locations is increasingly being met by imported fuel. Importing jet fuel comes with many commercial, operational, and technical considerations. A panel of experts will share their insights.

- Anthony Kitson-Smith, Fuel PQ and Operations Consultant, Vitol
- Mariah Ismail, General Manager Energy Transition & Business Development, Vopak
- Capt. Jaya Raman Pillai, Senior Marine Manager – Assessment & Inspections, BP Trading and Shipping
- Moderated by Katja Kleffmann, Head of Global Fuel Management Supply, Lufthansa Group

11:50 – 12:30

### **Pipelines for transporting jet fuel – why not build more?**

Pipelines are the most efficient mode for transporting jet fuel compared to other established modes such as road, rail, and barges. So why not just build more pipelines? A panel of experts shares where the jet fuel pipelines are, which new ones are being built, and the considerations for building pipelines for transporting jet fuel.

- Wade Morrell, Chief Strategy Officer, FSM Management Group Inc.
- Patrick Bosmans, Product Quality Officer, CEPS
- Moderated by Morven McCrindle, Chief Commercial Officer, JET Infrastructure

12:30 – 13:45

## **LUNCH BREAK**

#IATAAEF

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# IATA AVIATION ENERGY FORUM

## Day 1: Tuesday, 12 November

### JOINT SESSIONS

13:45 – 14:25

#### **Key developments in ReFuelEU Aviation and lessons learnt**

An update will be provided on key developments in ReFuelEU Aviation in 2024 affecting airlines and fuel suppliers such as the SAF flexibility mechanism, anti-tanking provision, and changes affecting EU ETS. Lessons learnt will also be shared which could benefit countries in Asia Pacific and elsewhere that are considering implementing a SAF mandate.

- Judith Connatty, Fuel & Insurance Director, Air Europa
- Ying Mathis, Managing Director, Fuel Management, American Airlines
- Moderated by Daniel Chereau, Head Fuel, IATA

14:25 – 15:15

#### **Ramping up SAF production – the challenges and what's needed**

A panel of experts addresses the challenges and proposes the path forward to ramp up SAF production, covering aspects such as funding, technology, production costs, demand signals, and government policies.

- Alex Kueper, VP Renewable Aviation, Neste
- Doris Tan, GM Aviation APAC, Shell Aviation
- Steven Le Moing, Manager Sustainable Aviation Fuels, Environmental Affairs, Airbus
- Gaurav Goyal, Business Head, Sustainable Aviation Fuel, Praj
- Moderated by Preeti Jain, Head, Net Zero Transition Programs, IATA

15:15 – 15:50

#### **AFTERNOON BREAK**

15:50 – 16:40

#### **Exploring SAF feedstock availability in Asia Pacific**

SAF produced via different technological pathways requires diverse feedstocks. This session explores the abundance of feedstocks that the Asia Pacific region can provide for SAF production.

- Michele Pataia, Business Developer, Global Bio-energies
- Ming Zhen Koh, Asia Pacific Policy Planning Advisor, Exxonmobil
- Ayesha David, Senior Renewables & Decarbonization Analyst, Stratas Advisors
- Moderated by Dr. Nurul Musfirah Mazlan, Lecturer, School of Aerospace Engineering, University Sains Malaysia (USM)

16:40 – 17:20

#### **SAF blending – the process and considerations**

Where and how is the blending of SAF and conventional jet fuel carried out? A panel of experts share the knowledge and the considerations for blending SAF.

- Anthony Kitson-Smith, Fuel PQ and Operations Consultant, Vitor Aviation
- Peter John, Head Technical Fuel – Renewable Aviation, Neste
- Amardeep Mudhar, Senior Manager Global Aviation Product Quality, bp
- Moderated by Robert Midgley, Technical & Quality Manager, Shell

19:00 – 22:00

#### **NETWORKING DINNER**

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# IATA AVIATION ENERGY FORUM

## Day 2: Wednesday, 13 November

### COMMERCIAL SESSIONS

- 10:00 – 10:10**      **Welcome, Admin and Anti-trust Briefing**  
- Alexandra Calvo, Manager Commercial Fuel, IATA
- 10:10 – 10:50**      **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 will provide insights and views on these.  
- Lenny Omar, Head of Oil and Chemicals Advisory, Petronas
- 10:50 – 11:30**      **Changing demand for refined products and its effect on refining economics and jet fuel production**  
Products from crude oil refining particularly middle distillates that currently drive refining economics are undergoing demand changes arising from decarbonization efforts. How will refineries respond to these changes to optimize profitability and stay viable and what would be the implications on jet fuel production?  
- Louise Burke, VP Strategic Business Development NA Renewables and Global Head of Aviation, Argus Media
- 11:30 – 12:15**      **Refining in the East of Suez region and its role in future jet fuel supply**  
As the East of Suez region sees increasing investment in refining capacity while regions such as Europe, North America, and parts of Latin America are experiencing a decrease in refining capacity, how will these changes impact how jet fuel is supplied around the world? An expert will share insights and predictions.  
- James Simpson, Director, Head of Aviation Research, S&P Global Commodity Insights
- 12:15 – 14:00**      **LUNCH BREAK**
- 14:00 – 14:40**      **Jet fuel arbitrage and its impact on regional supply**  
Large variations in regional jet fuel prices have created arbitrage opportunities. How does arbitrage work, what are the considerations for arbitrage trades, and how does arbitrage impact regional supply-demand balance?  
- Nicholas Yew, Research Director, Asia and Middle East Refining and Marketing Long-Term Outlook, S&P Global Commodity Insights  
- Mine Bolgil, VP Aviation Commercial, airBP  
- Moderated by Jooho Kim, Manager Fuel Supply Chain, IATA

# IATA AVIATION ENERGY FORUM

## Day 2: Wednesday, 13 November

### COMMERCIAL SESSIONS

**14:40 – 15:20**

#### **Jet fuel supply landscape in Asia Pacific**

Experts will share insights on the jet fuel supply landscape in various Asia Pacific countries including domestic production, imports, logistics, and market access, among others.

- Daniel Abbink, National Sales Manager, Ampol
- Ashwin Barta, Trading Manager, Asia Pacific, Chevron
- Ahmad Luqman Mohd, CEO, Malaysian Airlines
- Daniel Dott, Head of Fuel & Aviation Decarbonisation, Virgin Australia
- Moderated by Louise Burke, VP, Strategic Business Development Renewables and Global Head of Aviation, Argus Media

**15:20 – 16:30**

#### **Airlines-only session**

Discussion on fuel supply issues and challenges affecting airlines globally.

- IATA Fuel team

**16:30 – 17:30**

#### **REFRESHMENTS AND NETWORKING**

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# IATA AVIATION ENERGY FORUM

## Day 2: Wednesday, 13 November

### TECHNICAL SESSIONS

- 09:00 – 09:10**      **Welcome, Admin and Anti-trust Briefing**  
- Mark Vaughan, Head Technical Fuel, IATA
- 09:10 – 09:55**      **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 does each finding indicate and how is it addressed?  
- Mark Newstead, General Manager, Joint Inspection Group (JIG)  
- Ibon Ibarrola, Technical Manager, Joint Inspection Group (JIG)  
- Hendrik Schmeil Karzhavin, Manager Ground Protection - Fuel, Water and De-/Anti-Icing, Swiss  
- Moderated by Dhvani Sharma, Assistant Manager Technical Fuel, IATA
- 09:55 – 10:40**      **Microbiological contamination in aircraft fuel tanks**  
This session builds on the knowledge of previous forums on microbiological contamination in aircraft fuel tanks.  
- Graham Hill, Managing Director, ECHA Microbiology Ltd.  
- Mark Vaughan, Head Technical fuel, IATA  
- Simeon Dean, Sales Director, Fuel Care  
- Moderated by Myrsini Chronopoulou, Head of Research and Development, Conidia
- 10:40 – 11:10**      **MORNING BREAK**
- 11:10 – 12:20**      **Fuel Hydrant Systems**  
This panel builds on the previous forum where the design of hydrant systems was addressed. This session will explore best practices and challenges in the commissioning of hydrant systems.  
- Bill Geck, Principle Fueling Engineer, American Airlines  
- Bert de Koning, PEMD Engineer, IFQP Trainer and Inspector, KLM Royal Dutch Airlines  
- Grant Smith, Managing Director, Commercial Fueling, Burns & McDonnell  
- Rick Williams, Technical Manager, Vitol Aviation  
- Moderated by Morven McCrindle, Chief Commercial Officer, JET Infrastructure
- 12:20 – 12:50**      **Cathodic Protection, tightness Control and Pressure Control:**  
This session will address the design requirements and importance of cathodic protection, while also explaining the distinction between tightness control and pressure control.  
- Wafik Zakhary, Deputy Managing Director, Hansa Consult

# IATA AVIATION ENERGY FORUM

## Day 2: Wednesday, 13 November

### TECHNICAL SESSIONS

**12:50 – 13:20**

#### **Status of ASTM SAF Qualifications**

The session will provide an update on the current qualification status of SAF according to ASTM D4054

- Gurhan Andac, Engineering Technical Leader, Aviation Fuels & Additives, General Electric

**13:20 – 14:30**

#### **LUNCH BREAK**

**14:30 – 15:30**

#### **Industry Updates**

This session provides updates from industry partners: Energy Institute (EI), Coordinating Research Counsel (CRC), IATA Specification Liaison Group (ISLG) and American Society for Testing and Materials (ASTM).

- Amy Carico, Director, Fuel Services and Technical Standards, A4A
- Martin Hunnybun, Head of Good Practice – Fuels & Fuel Handling, Energy Institute
- George Zombanakis, System Engineering, United Airlines
- Jack Burgazli, Corporate VP of Innovation, Innospec

**15:30 – 16:00**

#### **Update on EI 1533**

This session highlights new comments and considerations for EI 1533.

- Anthony Kitson-Smith, Fuel PQ and Operations Consultant, Vitol Aviation

**16:00 – 16:30**

#### **AFTERNOON BREAK**

**16:30 - 17:20**

#### **Refueling Operator Qualifications**

This session will cover how refueling operating companies ensure their staff are properly trained and qualified, highlighting the methodologies and practices that should be implemented.

- Gritt Madisara, Director, BAFS Group Academy, BAFS
- Ina Jünemann, Marketing Director, Safco
- Robert Midgley, Technical & Quality Manager, Shell
- Moderated by Hendrik Schmeil Karzhavin, Manager Ground Protection - Fuel, Water and De-/ Anti-Icing, Swiss

# IATA AVIATION ENERGY FORUM

## Day 3: Thursday, 14 November

### COMMERCIAL / JOINT SESSIONS

- 09:20 – 09:30**      **Welcome, Admin and Anti-trust Briefing**  
- Azim Norazmi, Manager Climate Policy, IATA
- 09:30 – 10:10**      **CORSIA – Understanding CORSIA Eligible Emissions Units (EEU) and CORSIA Eligible Fuels (CEF)**  
Experts from the airline industry, along with a representative from the Civil Aviation Authority of the Philippines, will discuss the concrete implications of the CORSIA scheme on governments' and airlines' decarbonization strategies, focusing on the use of CORSIA Eligible Emission Units and CORSIA Eligible Fuels.  
- Sofia Fulmaran, Officer-in-Charge, Strategic Planning Division, Civil Aviation Authority of the Philippines  
- Rahimah Ali, Group Head of Sustainability, Malaysia Airlines  
- Moderated by Léa Jouannin, Manager Climate Policy, IATA
- 10:10 – 10:50**      **The IATA SAF Registry – what is it and what is the progress**  
IATA is developing a SAF registry to account for, record, and report emissions reductions from SAF use. A project member will share details about the SAF registry, what it can do, who can participate, and the project status.  
- Adeline Loo, Assistant Manager, Sustainability, Singapore Airlines  
- Moderated by Michael Schneider, Assistant Director, Sustainability Programs, IATA
- 10:50 – 11:30**      **MORNING BREAK**
- 11:30 – 12:20**      **Enablement of hydrogen-fueled flights – developments in Asia Pacific**  
As hydrogen-fueled aircraft continue to make progress toward becoming a commercial reality, what developments have been taking place in Asia Pacific to support the enablement of hydrogen-fueled flights? A panel of experts will provide their insights.  
- Cyrille Schwob, Head of Technology, Asia-Pacific, Airbus  
- Mathieu Boutitie, CTO, Kansai Airports  
- Shingo Hirai, Director, Advanced Technology Utilization & Promotion Group, JAL Engineering  
- Moderated by Dr. Syamimi Saadon, Senior Lecturer, Propulsion & Energy, University Putra Malaysia (UPM)
- 12:20 – 12:30**      **Wrap-up and Closing**
- 12:30 – 14:00**      **LUNCH BREAK**



# IATA AVIATION ENERGY FORUM

## Day 3: Thursday, 14 November

### TECHNICAL / JOINT SESSIONS

09:10 – 09:20

#### **Welcome, Admin and Anti-trust Briefing**

- Dhvani Sharma, Assistant Manager Technical Fuel, IATA

09:20 – 09:50

#### **Dangers of Electrostatic Charging of Jet Fuel**

This presentation highlight the dangers around electrostatic charging of fuel during the refueling process, and why studies are being conducted on the effects of electrostatic charging of fuel across fuel filters during the fueling process, as well as electrostatic charging of fuel when refueling with filters partly loaded with particulate.

- JP Belieres, Technical Fellow, Boeing
- Robert Midgley, Technical and Quality Manager, Shell
- Moderated by Dhvani Sharma, Assistant Manager Technical Fuel, IATA

09:50 – 10:50

#### **The Blending of SAF at locations other than a refinery or intermediate facility – (Inline Blending: onto ships, rail tank cars, road bridges, etc.)**

- Amardeep Mudhar, Senior Global Aviation Product Manager, bp
- Pratik Chandhoke, Technical Fuel Manager - SAF, Neste
- Joe Ng, Technical Operations, FlyORO
- Moderated by Frank Femia, Director, Fuel/ De-Icing Services & Renewable Energy, Air Canada

10:50 – 11:30

#### **MORNING BREAK**

11:30 – 12:20

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