



76th Aviation Fuel Forum

29-31 May 2018

London, United Kingdom



Monday 28 May

Afternoon TFG and CFG Working Group meetings – by invitation only

1800 - 2000 **Welcome Reception sponsored by Shell Aviation**

Tuesday 29 May – Joint Industry Sessions sponsored by Puma Energy

0900 – 1000 **Opening and welcome**

- Antitrust briefing
- Opening messages by IATA, CFG and TFG
- Update on key industry projects

1000 – 1030 **Future World**

A futurologist will present predictions of how the world we live in could look like in the future including how air transport may transform.

1030 – 1115 **Coffee break sponsored by AEG Fuels**

1115 – 1215 **The Big Infrastructure Squeeze**

The aviation industry has been experiencing strong growth in the past decade and demand for fuel has correspondingly increased significantly. What about the fuel infrastructure needed to supply the additional fuel to the airports – is investment in additional fuel infrastructure and supply capacity keeping pace? A panel discusses the issues and challenges.

1215 - 1315 **The end of the filter monitor: What is the future of water detection and elimination?**

The session looks at the action plans to phase out filter monitors in view of SAP and explore the technologies that can take its place.

1315 – 1430 **Lunch sponsored by Vitol Aviation**

1430 - 1530 **Ask the experts – the questions you always wanted to ask relating to jet fuel**

A panel of experts will answer questions that have been pre-selected from feedback received from delegates prior to the Fuel Forum.

Questions:

1. How is CORSIA going to be implemented?
2. SAP has featured recently in fuel contamination that has affected flight safety. What other contaminants in jet fuel have been responsible for contamination incidents?
3. What is the relation between crude oil price or gasoil price and jet fuel price? Why do airlines use crude oil and/or gasoil to hedge against their jet fuel exposure?
4. It is common to hear people say that kerosene will remain as the main fuel for aviation despite the fact that companies are working on electric aircraft. Why is this? Will there ever be a plug-in commercial airliner?

1530 - 1615 **Coffee break sponsored by Conidia Bioscience**

1615 - 1715 **Transforming the into-plane fuelling business**

What are the issues and challenges faced in the business of into-plane fuelling today and how should it transform in the face of rapid changes in the business environment (new technologies, digitalization and human resource mindsets)?

1830 **Departure from the hotel**

1900 **Official Fuel Forum Dinner sponsored by Air BP**

Wednesday 30 May – Commercial Sessions sponsored by Argus Media

0930 - 0950 **Welcome and opening**

0950 - 1050 **Global oil and jet fuel markets – where to from here?**

This session will examine recent trends and developments in world oil and jet fuel prices and the implications for the air transport sector.

Incorporating both supply and demand considerations, our panel of experts will share their insights on the jet fuel price outlook, its key drivers and the major sources of risk to that outlook.

1050 - 1145 **Coffee break**

1145 - 1245 **Economic and Regulatory Changes in Africa and their implications on the jet fuel market**

In the last 10 years, African aviation has experienced strong traffic growth at an average annual growth rate of 5.5 per cent. During that time, the industry has witnessed large airport investments and increased interest from market players in the area of jet fuel supply or investments in fuel infrastructure. Moreover, the industry is expected to continue on its strong growth path as key intra-African initiatives take root such as the Single African Air Transport Market. This session will review the challenges of supplying jet fuel to a fast growing African aviation market. A panel of speakers will put key locations under a magnifying glass and evaluate the impact of economic and regulatory changes on various aspects of fuel supply such as cost, logistics and safety.

1245 - 1430 **Lunch**

1430 - 1530 **Supplying sustainable alternative fuel (SAF) at an airport (60 min)**

This session will explore the various issues and challenges of supplying SAF at an airport.

1530 - 1615 **What liability insurance is available to support the supply of jet fuel at airports, and how does this insurance interact with the Tarbox indemnity?**

Wednesday 30 May – Technical Sessions sponsored by Shell

0900 - 0915 **Welcome and opening**

0915 - 1045 **Panel Session: Fuel filtration and issues in the post SAP Era**

Moderator: Seth Dillon, Delta Airlines

This panel will discuss the available technologies, possibilities and challenges, during and after phasing out filter monitor elements.

- Setting the scene
- Joint Industry Action update: EI 1588, EI 1599 and sensors
- Parker Velcon's view on fuel cleanliness, downstream and upstream
- Faudi's view on fuel cleanliness, downstream and upstream
- Airline concerns on increased aircraft water drainage
- Water Probe sensing and dP Switches and Control

1045 - 1130 **Coffee break sponsored by Aurora Aviation S.A.**

1130 - 1245 **Fuel Farms and Hydrants**

This session is all about fuel farms and hydrant systems. Speakers will talk about resilience, emergency situations, hydrant systems and more. Although the IATA Global Fuel Portal has a tool to report (future) constructions, airlines are too often not notified.

- Fuel Farm Resilience
- Emergency Fuel Farms
- Hydrant Flushing
- 4th edition pit valves and usage of wear gauges

1245 – 1415 **Lunch**

1415 – 1530 **Industry updates**

This session is a gathering of industry updates from various stakeholders in our industry. Fit for flight fuel and thus the safe operation of an aircraft needs cooperation between many industry partners.

- EI Aviation Committee
- ASTM
- JIG
- IFQP
- A4A Fuel Technical Committee

1530 - 1600 **Coffee break**

1600 – 1700 **Panel Session: Are you getting what you pay for?**

Moderator: Mark Vaughan, SAA

Fuel deliveries to the aircraft are often delayed by disagreement between supply and cockpit, ramp issues, etc. In this panel session, led by Mark Vaughan of SAA, speakers will discuss the use of density sensors, the delivery of mass instead of volume and the issue of getting what you pay for.

- Efficient Ramp Operations
- Real time density measurement: what are the views of airlines, fuel farms and into plane companies
- UPS experience

Thursday 31 May – Commercial Sessions sponsored by Argus Media

1000 - 1015 **Opening and general remarks**

1015 - 1115 **Burgeoning European jet fuel supply and its impact**

- New refineries and upgrades in the Mediterranean over the coming years are expected to flush more supply into the region. Double digit demand growth across much of the Western Mediterranean is expected to absorb this burgeoning supply.
- The session will look at the growing supply bases in both Europe and the Arab Gulf and Europe's capacity to receive these barrels as one of the world's global shorts

1115 - 1230 **The UK Supply Chain and LHR Fuel Infrastructure Developments**

During the past decade a number of significant changes have occurred in the supply chain infrastructure in the UK, such as the closure of refineries, some conversions to import terminals, privatization of the GPSS and on-going changes to supply capacity to London airports. Heathrow Airport is also planning for higher fuel demand in view of the future third runway. A panel of experts will examine these key developments and their impact.

1230 - 1245 **Closing remarks**

1245 - 1500 **Lunch**

Thursday 31 May – Technical Sessions sponsored by Shell

0900 - 1000 **Panel Session: Safety in our Industry**

Moderator: Kyriakos Gennadis, OFC Athens

Safety is paramount in our industry. Kyriakos Gennadis of OFC Athens will lead a panel to discuss real-time safety and risk related issues during fuel handling at airports.

- JIG HSSE Initiatives
- Misfuelling: Aircraft AOG due to FOB xxx KG
- Refuelling safety issues: handlers operating at the stand (e.g. luggage, catering etc.)
- Omaha incident
- JIG Safety Video

1000 - 1030 **Coffee break**

1030 - 1230 **Global Fuel Handling Issues**

- Microbial Contamination of aviation fuel and fuel handling systems in tropical Africa
- The opportunity of modern technologies "From Human to Machine"
- EI project reviewing design, reliability and testing of hydrant emergency stop buttons
- Battery powered fuelling systems on aircraft refuelling vehicles
- The use of Hydrant Couplers with CLADs
- Conformity, adaptability and retrofit options for Monitor filters
- The application of particle counting in the field

1230 - 1500 **Lunch**

1300 SSG work lunch and debriefing – by invitation only