

Alternative Fuel Deployment

Overview

The Alternative Fuel Deployment Strategic Partnership area of involvement spans the technical fuel and environment programs at IATA. Because this partnership gives access to the bi-annual IATA Fuel Forum, the premier meeting of global aviation fuel experts, commercial elements are also covered. The bio jet fuel topic is inherently multi-disciplinary, and this is reflected in the contents of IATA's Alternative Fuel Deployment Strategic Partnerships program.

Designed for

- Alternative Fuel Providers

Areas of Activity - Technical fuel Group

- Regular contact with airline fuel buyers and technical experts worldwide
- Information exchange on jet fuel Issues
- Aviation fuel developments and activities in countries and locations around the globe
- Aviation fuel quality standards, audits and inspections
- Jet fuel specifications
- Fuel supply and facilities development
- Apron safety
- Alternative fuels
- Fuel contamination

Areas of Activity - Environment

- Assessment and support of CO2-reducing technologies (aircraft, engines, ATM, alternative fuels)

- Other environmental aspects (local air quality, noise)
- Contribution of biofuels to reduce aviation's CO2 footprint
- Sustainability and lifecycle greenhouse gas emissions of bio jet fuels
- Economic aspects of sustainable bio jet fuels (business case, public incentives, e.g. exemption from emissions trading)
- Regulatory aspects

Our Environmental vision is for a zero emissions future, to build a zero emissions aircraft within 50 years. IATA's vision is supported by a set of ambitious targets:

- An average improvement in fuel efficiency of 1.5% per year from 2009 to 2020
- A cap on aviation emissions from 2020 (carbon neutral growth)
- A reduction in CO2 emissions of 50% by 2050 relative to 2005 levels

Sustainable alternative fuels are an important contributor to the CO2 reduction targets, since they help reduce the lifecycle CO2 emissions by up to 80%. IATA is active in developing strategies for the development, implementation and use of alternative fuels, with a focus on second-generation sustainable biofuels that do not compete for land or water with food crops.

- A business case for alternative aviation fuels needs to be available to support large-scale production.
- Sustainability of alternative aviation fuels need to be demonstrated according to commonly agreed criteria.

IATA welcomes a closer cooperation with Strategic Partners in this area, particularly those involved in developing and producing sustainable biomass and in the production and distribution of fuels.



IATA participates in various initiatives and study groups for the development of sustainable alternative fuels:

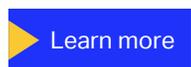
- CAAFI (Civil Aviation Alternative Fuels Initiative), US-focused.
- SWAFEA (Sustainable way for alternative fuels and energy in aviation), EU-focused.
- RSB (Roundtable on Sustainable Biofuels), based at EPFL, Lausanne, Switzerland.

The IATA Environment Group cooperates with various research and development institutions and Strategic Partners to assess and promote new technologies.

Exclusive access to meetings & work groups

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Strategic Partners from Alternative Fuel can participate in the Technical Fuel Group (TFG) area of involvement. This group represents a global forum for those involved in the technical aspects of the supply and use of aviation fuel, reviews current problems, promotes standardization, informs about R&D, the production, availability and use of alternative fuels and recommends effective action. Companies should be involved in one of these activities to join this area.

The TFG influences fuel specifications worldwide, updates the IATA Guidance Material on Aviation Turbine Fuel Specifications, considers the impact on

supply, safety, environment and cost, and ensures the use of safe procedures and equipment in the handling, storage and delivery of fuel. The TFG meets twice a year, during the IATA Fuel Forums, where IATA Strategic Partners participate as observers in all meetings and have the opportunity to meet suppliers.

The Fuel Forum and Technical Fuel Group meetings offer alternative fuel producers a unique link between aircraft operations, operators and specification bodies, such as ASTM and AFC.

Exclusive Benefits

- Participation in the bi-annual fuel forum and environmental forums where the products and services of Strategic Partners could be used to help industry challenges and projects.
- Use of the IATA Strategic Partner logo to identify the corporation to IATA and industry initiatives.
- A close working relationship with IATA commercial and technical fuel departments and environment department.
- Prominent placement within IATA's online Biofuel Producers Directory.
- Participation in assembling IATA guidance material for aviation biofuel management.

Additional Strategic Partnership Benefits

Branding

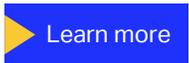
- Recognition as a valuable supporter of IATA and the air transport industry
- Inclusion in the IATA Strategic Partnerships online directory
- Exclusive usage of the IATA Strategic Partnerships logo
- Promotion through the electronic quarterly newsletter, the Partner Brief, viewed by thousands of aviation industry contacts
- Monthly posting of Strategic Partners' press releases on the IATA website



IATA Clearing House Discount

Strategic Partners receive a substantial discount upon joining the **IATA Clearing House**:

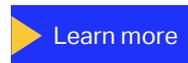
The IATA Clearing House (ICH) provides the means to settle all the billed items sent to and from airlines around the world. Used by more than 400 airlines either directly or via special links, the ICH settles around USD 50 billion of interline billings every year. Its efficiency is so great that airline cash and settlement requirements are reduced by around 75%, and risks for all participants are minimized.



Courses

IATA Partners benefit from a preferential rate for the IATA training courses: Aviation Biofuels, Aviation Fuel Management, IATA Fuel Quality Pool Field Inspectors course.

Strategic Partners may receive 55% discount on the first 2 seats per year to any IATA classroom course (subject to availability)



Publications

IATA Partners may purchase publications at a preferential rate.