The alternative jet fuel strategic partnership is focused on multiple aspects addressing the commercial development and deployment of sustainable alternative fuel (SAF) for aviation. The alternative jet fuel topic is inherently multi-disciplinary: It covers subject matter including technical certification, sustainability criteria, commercial deployment best practice, communications and the interrelationship with the proposed ICAO market based mechanism. Interfaces with conventional fuel supply, given the drop-in nature of compliant alternative jet fuel, will be addressed in conjunction with the IATA Technical Fuel Group.

ALTERNATIVE JET FUEL SP MEMBERSHIP

The IATA Alternative Jet Fuel SP Program is addressing all industrial stakeholders involved in alternative jet fuel development and deployment:

- Alternative Fuels producers and suppliers
- Logistics and technology providers for SAF
- Investors, financiers, business facilitators active in the SAF field
- Traditional energy companies interested in alternative fuels

ALTERNATIVE JET FUEL SP FUNCTIONS

Strategic partners will be invited to join and participate in the alternative jet fuel working group, together with airline alternative fuel experts. This group will meet face-to-face at least once per year and hold regular phone calls every two months.

The main objective of this group will be to bring together the different stakeholder groups involved in alternative jet fuel in a forum for:

- Information and experience exchange
  - Regular feedback and discussions with experts involved in relevant projects sharing their experience
  - Jointly establish relevant statistics about the production and use of SAF
    - Develop SP group members-only statistics portal
- Industry communications
  - Announcements, feedback and discussion of relevant meetings and events
  - Newsletter with contributions from SP members
  - Networking between airlines and SPs
- Inclusion in IATA’s Alternative Fuel Producers Database
  - SPs will be highlighted on prominent position in the IATA database
  - Database updates are regularly circulated to IATA airlines
  - Contains an overview of alternative jet fuel producers worldwide, showing product range, geographic scope, basic commercial information and contacts
    - Database can be freely accessed via the IATA public website
- Industry best practice development
  - Establish guidance on industry best practices and industry standards related to operational, environmental/sustainability and commercial aspects of SAF
  - Coordinated Inputs to international policy-related working groups, such as ICAO’s Alternative Fuels Task Force and Global Market-based Mechanism
  - Develop user-friendly monitoring, reporting and verification (MRV) methodologies
  - Establish joint industry position papers on SAF deployment policy
  - Develop methods and tools for airlines to optimize their business case for adopting SAF
SP GROUP ACTIVITIES

- Regular contact with airline fuel buyers and sustainability / environmental managers
- Information exchange on alternative jet fuel activities and global initiatives
- Progress updates on ongoing technical certification of new alternative jet fuel pathways (ASTM etc.)
- Accounting and sustainability standards for alternative jet fuel
- Logistics deployment experience
- Financing and commercialization strategies
- Global advocacy and policy best practice to accelerate the deployment of alternative fuel

BENEFITS OF MEMBERSHIP

- Participation in multi-stakeholder expert working group
- The program will give preferential access to the annual Alternative Fuel Symposium. This is an event focused on the needs of customers and producers of sustainable alternative jet fuels, but open for all stakeholders to attend.
  - SPs will get 1 free pass and additional ones at preferential rate
- 1 pass to the bi-annual Fuel Forum at standard external rate
- Preferred rate for attending ITDI Training on Alternative Fuels
- Use of the IATA Strategic Partner logo to identify the corporation to IATA and industry initiatives.
- IATA Report on Alternative Fuels (yearly):
  - Will include SP logos
  - SPs will receive free hardcopies
  - New SPs will be presented in the Report on Alternative Fuels following their joining
- Advertising space in IATA publications
- SPs will be included in distribution lists of relevant IATA newsletters

OVERVIEW OF IATA ENVIRONMENT AND ITS ALTERNATIVE FUEL PROGRAMME

IATA is playing a leading role in the aviation industry’s striving towards sustainability. Aviation is the first industrial sector that has committed to ambitious carbon reduction goals at a global level, namely:

- 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 jet fuels are an important contributor to the CO2 reduction targets, since they can help reduce the lifecycle CO2 emissions by typically up to 80%. IATA is active in developing strategies for the development, implementation and deployment of sustainable alternative fuels, with a focus on second-generation fuels that meet accepted sustainability criteria. Additionally, IATA is an active advocate for appropriate policy settings to encourage the development of production capacity and demand creation.

IATA welcomes a close cooperation with Strategic Partners in this area, particularly those involved in developing and producing sustainable biomass and in the production and distribution of sustainable alternative jet fuels. Furthermore, IATA is working on and promoting the importance of globally harmonizing sustainability and accounting standards for sustainable alternative fuel.

IATA participates in various initiatives, associations and working groups for the development of sustainable alternative fuels, such as:

- RSB (Roundtable on Sustainable Biomaterials)
- CAAFI (Civil Aviation Alternative Fuels Initiative), US-focused.
- aireg (Aviation Initiative for Renewable Energy in Germany)
- BioFuelNet Canada
- NISA (Nordic Initiative for Sustainable Aviation)
- INAF (Initiative for New Aviation Fuel) in Japan
- ABRETF – Indonesia 2% 2018 mandate
- CORE-JetFuel project, supported by the European Commission
- CAEP (ICAO’s Committee on Aviation Environmental Protection), including various specialized technical working groups:
  - AFTF (Alternative Fuel Task Force)
  - GMTF (Global Market-based Measure Task Force)

The IATA Environment Group cooperates with various research and consultancy institutions on specific aspects of alternative fuels, such as Ecofys, IIISD (International Institute on Sustainable Development), E4Tech and others.

IATA’s products and services offered in the area of alternative fuels:
FURTHER IATA ENVIRONMENTAL ACTIVITIES
IATA’s goal is to ensure proportionate and coherent environmental policies are implemented by governments around the world to support the sector’s sustainability and allow environmental improvements to be achieved in a cost-effective manner. IATA works on mitigating the environmental impacts of air transport both at global level and at local level, in particular in the areas of:

- Climate change
- Aircraft noise
- Local air quality

Policy actions:
- Supporting the development of environmental standards and recommended practices in ICAO
- Working with airlines and other stakeholders to identify policies to mitigate the sector’s impact
- Providing input to regulatory processes and international negotiations
- Informing policy-makers and stakeholders about environmental solutions
- Advocacy actions at national and regional level
- Assessment and support of CO₂-reducing technologies (aircraft, engines, ATM, alternative fuels)

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