



# Commercial Aviation Alternative Fuels Initiative

*Supporting solutions for secure and sustainable aviation*

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## **130 alt fuel producers, buyers meet to spur deployment of viable, eco-friendly alternative jet fuels**

*Commercial Aviation Alternative Fuels Initiative meeting networks airlines, manufacturers, energy producers, government to expedite development and adoption of alternate aviation fuels*

**What:** September 8-9, 2008 Washington D.C., Meeting of the Business and Economics Team of the Commercial Aviation Alternative Fuels Initiative (CAAIFI) meeting.

**Who:** CAAFI - the international coalition of airlines, aircraft and equipment manufacturers, airports, fuel suppliers, universities, NGOs and government agencies. The CAAFI Business and Economics team is one of four CAAFI functional teams, tasked with driving commercially viable, environmentally friendly alternative jet fuels to implementation.

Meeting organizers and sponsors included:

- CAAFI
- Air Transport Association of America (representing its member airlines), a CAAFI sponsor
- Federal Aviation Administration (FAA) Office of Environment and Energy, a CAAFI sponsor
- U.S. Department of Commerce, International Trade Administration (ITA), Manufacturing and Services (MAS) Office, event co-host

Meeting brought together 130 invited members of the CAAFI Business and Economics Team and Aviation support services:

- 26 energy producers
- 20 fuel buyers – individual airlines, airline groups and airline alliances
- 13 government agencies engaged in alternative energy research, development, funding and/or implementation, specifically including aviation alternative fuels
- Major aircraft and engine manufacturers
- Aviation financial services and infrastructure support (e.g., pipeline companies)

Energy company participation included 60% primarily biofuel companies, companies leading in deployment of carbon-reducing Coal/Biomass to Liquid (CBTL) and current aviation jet fuel suppliers.

Representatives included international industry participants from four continents.

### **Why**

- To network alternative fuel producers with prospective buyers in support of the ATA policy promoting the development and deployment of environmentally friendly alternative fuels. *See* <http://www.airlines.org/economics/energy/altfuelsprinciples.htm>

- To familiarize the suppliers and purchasers with progress by CAAFI sponsors and stakeholders in Certification and Environmental Life cycle analysis for Aviation alternative fuels
- To refine roadmaps for industry and government sources seeking to:
  - advance the deployment of environmentally friendly coal/biofuel synthetic blends from the Fischer Tropsch process
  - speed the technical opportunity for environmentally friendly hydrotreated renewable jet and biofuels from algae and other feedstocks

### **Meeting Highlights**

- Key step in implementing ATA alternative aviation fuel deployment policy statement issued April 22, 2008. See <http://www.airlines.org/economics/energy/altfuelsprinciples.htm>
- Keynote by JetBlue President/COO Russ Chew, emphasizing airline senior leadership commitment to alternative fuels deployment
- Air Force Assistant Deputy Chief of Staff for Logistics, Installations and Mission Support, Michael Aimone, communicating Air Force leadership support of further collaboration with commercial airlines and investing government agencies to confirm Air Force support of alternative fuels as part of a multi-pronged strategy
- Department of Commerce ITA Assistant Secretary for Manufacturing and Services (MAS), William G. Sutton, supports alternative fuel development as part of the broader MAS mission to listen to industry needs and promote competitiveness
- Five government agencies detailing achievements in government alternative fuels programs and plans for new programs, including USDA Farm Bill energy provisions for which aviation alternative fuel developments now qualify
- USAF/CAAFI collaborative efforts to speed hydrotreated renewable bio-jet development and deployment
- CAAFI business panel, multiple government stakeholders and Fischer Tropsch (FT) fuel producer candidates identify multiple paths to improve CBTL economic viability and deployment potential
- Multiple energy suppliers added to CAAFI efforts to establish “well to wake” environmental life cycle analysis at CAAFI environmental team meeting scheduled for October 21, 2008

### **About CAAFI**

CAAFI’s mission is to enhance energy security and environmental sustainability for aviation through alternative fuels. CAAFI is a forum that focuses the efforts of the U.S. commercial aviation supply chain to engage the emerging alternative fuels industry. It enables its diverse participants — representing all the leading stakeholders in the field of aviation — to build relationships, share and collect needed data, and motivate and focus research on aviation alternative fuels. See CAAFI Fact Sheet: <http://web.mit.edu/aeroastro/partner/caafi/caafi-descrip.pdf>

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