ICAO Global Framework for Aviation Alternative Fuels

Jane Hupe
Chief, Environment
Environment Branch - ATB
Background

• 36th Session of the Assembly requested ICAO to promote improved understanding of
  – potential use
  – related emissions impacts

• Workshop in February 2009 (WAAF)

• Conference in November 2009 (CAAF)
Objectives
– To stimulate a dynamic exchange of views
– To initiate work on a global roadmap for the effective and responsible contribution of aviation alternative fuels to protecting the environment
– Preparatory event for Conference in November 2009
Workshop on Aviation and Alternative Fuels: February 2009

• Outcomes
  – Alternative fuels can be a win-win solution for reducing aviation’s dependence on fossil fuels and a key element to help reduce the impact of aviation on climate change.
  – Alternative fuels should be part of a comprehensive aviation energy strategy that includes technological, operational and market-based measures.
  – [www.icao.int/waaf2009](http://www.icao.int/waaf2009)
High-level Meeting on International Aviation and Climate Change: October 2009

- Mitigation strategy includes
  - Technological
  - Operational
  - Market-based measures
  - Alternative fuels

- Encouraged States and observers to participate in CAAF
- Bring results from CAAF to COP15
Conference on Aviation and Alternative Fuels: November 2009

• Objectives
  – To promote improved understanding of the potential use and emission effects of sustainable alternative fuels and to facilitate their development and deployment
• Outcomes
  – Declaration and Recommendations
    • Affirmed the commitment of States and industry to develop, deploy and use sustainable alternative fuels to reduce aviation’s emissions
    • [www.icao.int/caaf2009](http://www.icao.int/caaf2009)
  – Global Framework for Aviation Alternative Fuels (GFAAF)
    • Facilitates, on a global basis, the promotion and harmonization of initiatives that encourage and support the development of sustainable alternative fuels for aviation
    • [www.icao.int/AltFuels](http://www.icao.int/AltFuels)
1. Foreword
2. Why sustainable alternative fuels for aviation are important
3. The objectives of using sustainable alternative fuels for aviation
4. ICAO's role in sustainable alternative fuels for aviation
5. Summary of accomplishments on sustainable alternative fuels for aviation
6. Future Activities
Next Steps

• Follow-up on recommendations from CAAF
  – Promote the use of sustainable alternative fuels for aviation
  – Facilitate exchange of information on financing and best practices

• Work in CAEP on emissions effects

• Further discussion at Assembly – Policy setting