



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)

Workshop on Aviation and Alternative Fuels: February 2009

- 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

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



Conference on Aviation and Alternative Fuels: November 2009

- 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
 - 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

Conference on Aviation and Alternative Fuels: November 2009



GFAAF

OVERVIEW

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