



Aviation Biofuels Work in Canada

Presentation to the International Civil Aviation Organization

Mexico City, April 2014





Purpose

- To provide an overview of aviation biofuels in Canada.
- Outline
 - Canada's Action Plan
 - Research and Development
 - Collaboration



Canada's Action Plan

- Canada's Action Plan provides the primary framework for aviation biofuels in Canada.
 - Strategic goals
 - Milestones
 - Targets and Performance Measurement
- Initial work indicated cost-competitiveness was a problem and the crucial elements of the supply chain were missing.
- Next Steps: Investigate viability of supply chain and life-cycle analysis.



Research and Demonstration

- April 2012 - Canada's first biofuel-powered revenue flight
- June 2012 - The Perfect Flight
- October 2012 – First 100 percent biofuel test flight
- Sustainable Development Technology Canada
 - SD Tech Fund
 - NextGen Biofuels Fund



Collaboration

- Participation in the Commercial Aviation Alternative Fuels Initiative (CAAIFI)
- Centre of Excellence ASCENT Aviation Sustainability Centre
- Regular call with Federal Aviation Administration
- Exploring possible linkages to a Research Network in Canada



Questions / Comments