Aviation and Sustainable Biofuel

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APEC Algal Biofuels Workshop

12 September 2011, San Francisco, USA
First Transatlantic Biofuel Flight With Commercial Aircraft

747-8 Freighter flown to Paris Air Show on sustainable aviation biofuel - July 2011

Short Video
Sustainable Aviation Biofuel Progress Report

Progress

• Flight tests – met / exceeded expectations
• Regional assessments – PNW, Australia, Mexico, …
• Military platforms qualified
• ASTM HRJ SPK approval – eff. July 1st
• Commercial flights beginning – Aeromexico, KLM, Lufthansa, Thomson/TUI, Finnair…

Next Steps

• Continued emphasis on sustainability
• Research - expanded feedstocks/pathways
• Commercial production scale-up
• Stretch goal: 1st 1% by 2015 (~600 MGY)