

Aviation Biofuels Memorandum of Understanding

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Aviation Biofuel Benefits

- On a carbon lifecycle basis, aviation biofuels reduce CO₂ emissions 50-80% compared to the jet fuel they replace
- Just as safe – certified to “drop-in” quality
- Potential to use Washington state wood waste & agricultural products
- In-state production means clean energy jobs & economic development

Aviation biofuels have environmental, social and economic benefits

Partners



Century Agenda Goals



“Reduce carbon emissions from all Port operations by 50 percent from 2005 levels and reduce aircraft-related carbon emissions at Seattle-Tacoma International Airport by 25 percent.”

Aviation biofuels are needed to meet our Century Agenda goals

The Agreement

Biofuel infrastructure integration is the key first step to:

- Ensure safe, efficient and cost-effective delivery systems
- Evaluate infrastructure for all possible routes of delivery
- Build a strong foundation for future aviation biofuels program

MOU identifies biofuel infrastructure integration as key first step

The Benefits

- Significant carbon and pollutant reductions, particularly in light of dramatic airport growth
- Analytical approach to the feasibility of biofuel delivery and blending
- Sends a positive regional market signal to aviation biofuel producers
- Broad appeal for airline partners

Sea-Tac and our partners are preparing for commercial-scale aviation biofuels

Next Steps

- Execute MOU, December 2015
- Request for Proposals published for study, April 2016
- Award contract, June 2016
- Complete study, November 2016