



BioJet vs Policies Canada

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Can you Imagine!

Canadian airlines and airports
are the least carbon intensive in the World

We compete globally and continue to grow
with a small C footprint

Because we have access to
large volumes of Canadian-made BioJet

- At our BioJet forum we asked why was there no biorefining capacity in Western Canada, experts in attendance identified the following challenges:
 - Lack of incentives and policy for BioJet
 - Renewable Jet vs renewable diesel production
 - Will require more than one feedstock and need to determine logistics and availability
 - Offtake agreements and investment support needed
 - Multiple stakeholders required
 - Cost competitiveness – i.e. Price is still high!

Current Policy Environment

Lots of known unknowns

- Current state of airlines fees in Canada
 - One of the highest regimes in world
- Carbon Pricing - Base
 - CORSIA – Canada yes to phase 1
 - Domestic – Broad based carbon pricing via a C levy
- Clean fuel standards - Complementary
 - BC Low Carbon Fuel Standard – base model
 - Current renewable fuel mandates to continue
 - Provincial vs Federal policies

Current Policy Environment

Lots of known unknowns

- Incentives
 - Feedstock vs product incentives
 - Which sector should get biomass?
 - International sustainability certification
- Competition from other jurisdictions
 - California, EU
 - How to keep Canadian biomass or biosources in Canada
- Biojet funding opportunities
 - NRCAN biojet challenge
 - Mission Canada
 - Superclusters

Challenges re consultation

- Realities of commercial aviation in Canada not well understood by policy makers in Canada
- Sectoral vs Broad environmental integrity
- Consultation with sector is minimal with little evidence of impact assessments
- Other aviation stakeholders need to be further engaged
 - Airports, provinces, travel sector, aerospace

What would I like to see?

AB could produce a blend of low-carbon jet fuel + BioJet

- Incentives for biojet higher than transportation fuels i.e. UK
- Easy CI rules for bio-crude - biocrude displaces crude and that is good, why complicate it
- Biomass stays in Canada to support Canadian industries
- Sustainability processes match international requirements
- Airline carbon revenues to be 100% reinvested back into greening aviation
- A value chain cluster could be a solution