

AIR NEW ZEALAND 

Perspectives for bio-jet supply to airlines

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New Zealand

A STAR ALLIANCE MEMBER



Important perspectives to airlines...



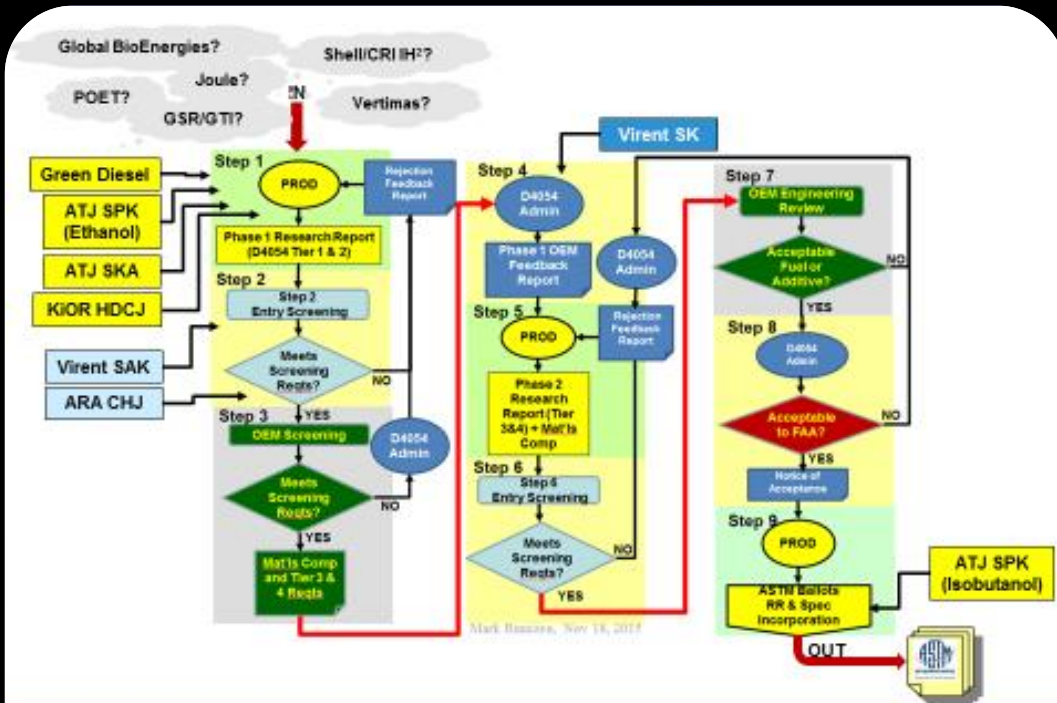
- Fuel dependency
- Safety
- Sustainability

Alternatives to Fossil Fuel?



- Fuel is around 25-30% of our operating costs and there are no alternatives to energy dense, drop in fuels for aircraft.
- Biofuels provide significant benefits:
 - Renewable and reduces GHG emissions
 - Decouple from commodity based fossil fuel
- **BUT they must be competitive and SUSTAINABLE**

Safety demands a Stringent Process

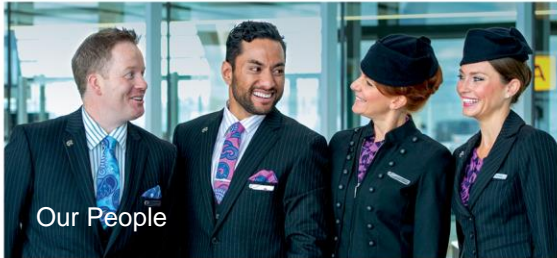


Supercharging New Zealand's Success

Socially, Environmentally and Economically



FOR OUR PEOPLE



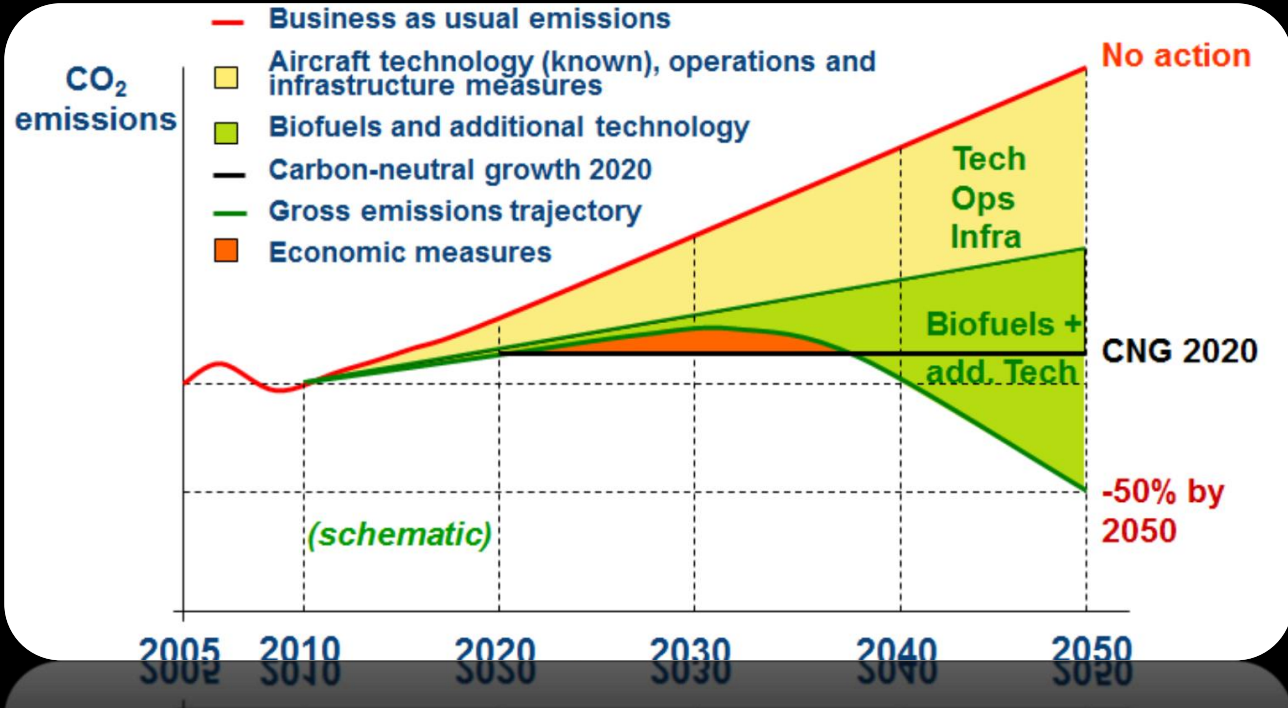
FOR OUR PLACE



FOR OUR ECONOMY



Carbon



- Meeting the ICAO Targets
 - Technology
 - Infrastructure
 - Carbon Trading
 - Biofuel



Request for Information



- Regional Supply of Bio fuel
- Meeting Sustainability Requirements

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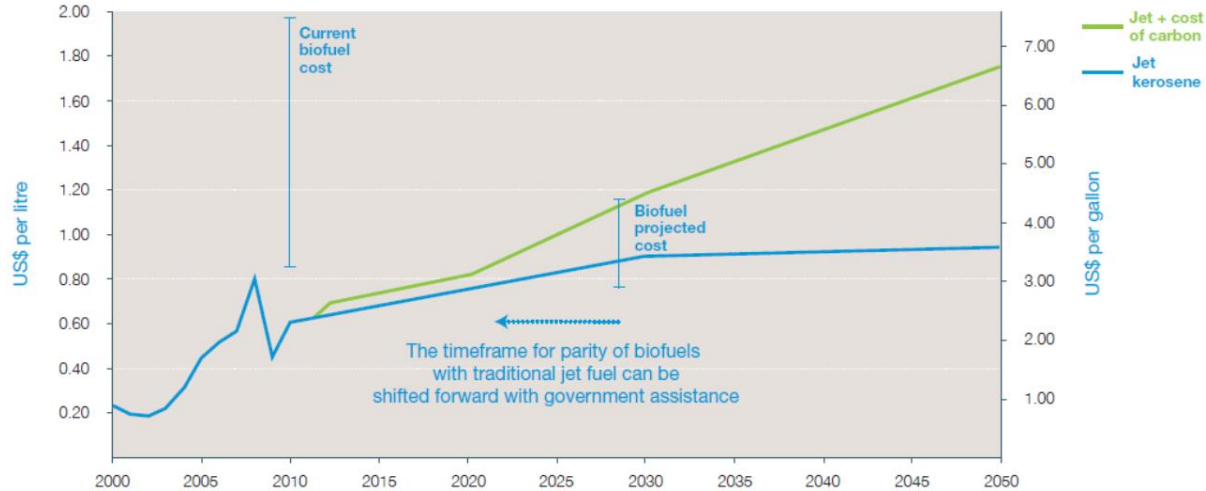
 **australia**



Financial



Jet fuel and carbon prices



Source: Jet kerosene price based on 25% markup over IEA's crude oil forecast in Energy Technology perspectives 2010. Carbon price taken from UK DECC 2010 central case forecast for traded carbon price. All are in constant (inflation adjusted) US dollars. IATA Economics. Schematic, indicative diagram.

- Bridging the Gap
- Encouraging investment
- New Collaboration opportunities



Conclusion

- There are many perspectives of Bio-Jet
- We are all facing a new reality
- We can build a new industry in this region.
- Leadership, collaboration and a supportive environment are the keys for success.

Thank you