# Flight NZØZero EmissionsAircraft Project

The Future of Air Travel

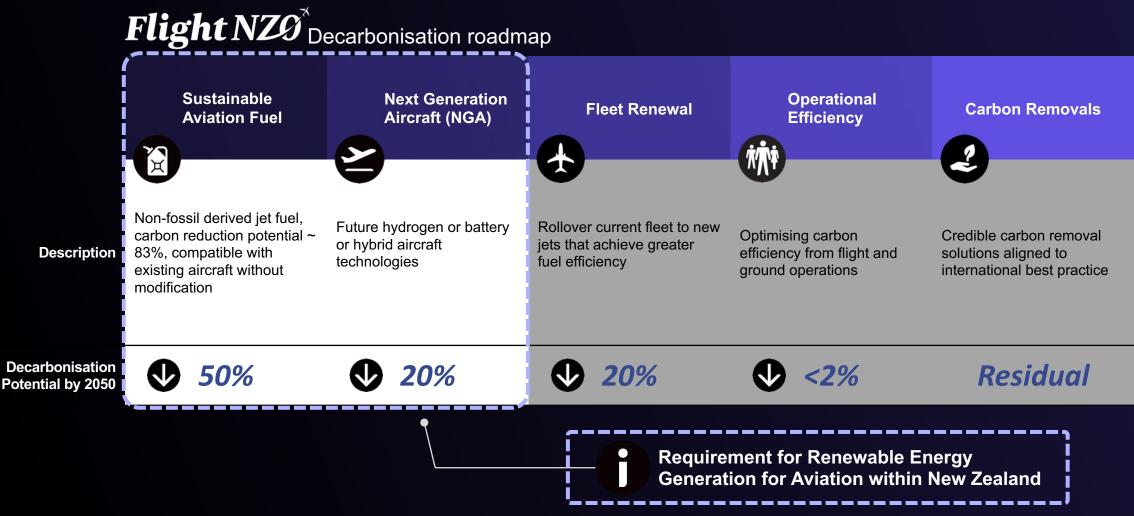




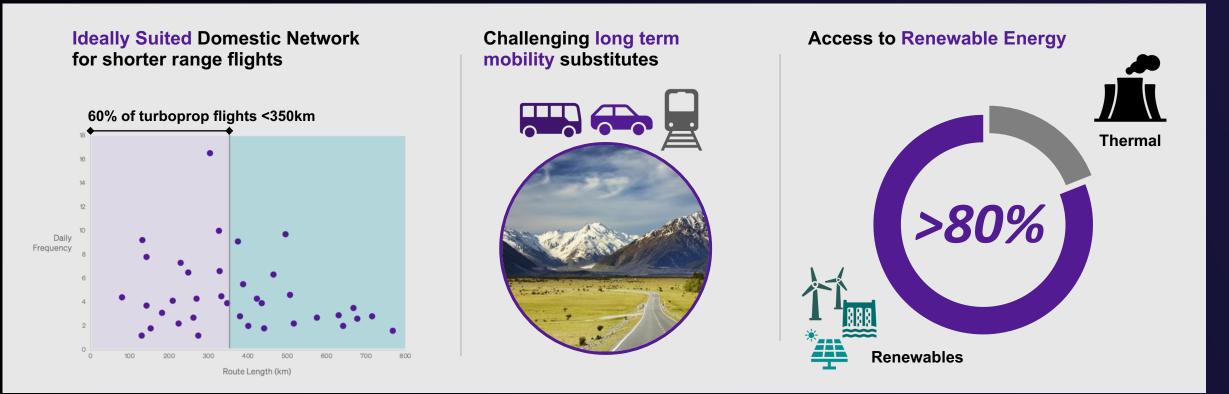
### Flight NZ9<sup>\*</sup>

#### **Decarbonisation Roadmap to 2050**

The Challenge: Air New Zealand committed to **net zero carbon emissions by 2050**, and has a 2030 reduction target of 28.9% from a 2019 baseline







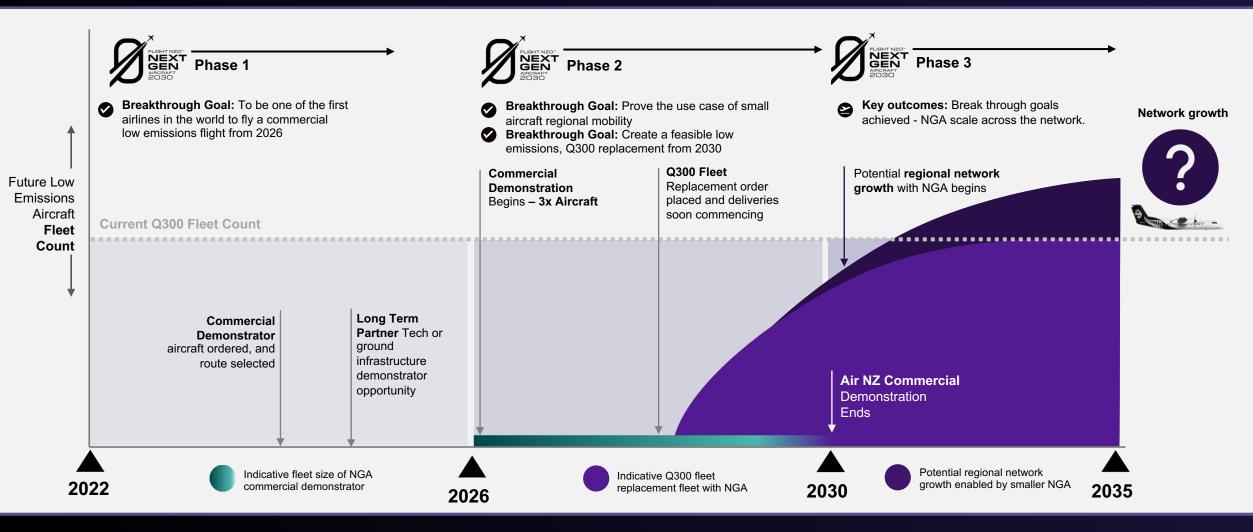


Enabled by aligned stakeholders across the private and public sector



## The transition period proving the case for Next Generation Aircraft to replace the Q300 Fleet provides an opportunity for the regional network





Name and public framing of this project to be determined
ZE: Zero Emissions

# Due to Next Generation Aircraft there are three main potential opportunities with the energy supply and distribution shift from aviation

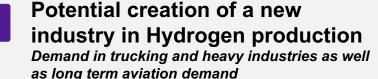
Increase renewa

All information is private and confidential

Increase in national demand of renewable electricity *Multiple industries decarbonising in the future* 

Higher electricity demand drives upgrades to distribution network Opportunities for communities and other

businesses to access renewable energy



#### Supply chain change from Aviation fuel to Battery electric or Hydrogen technology

