

AIR NEW ZEALAND

Air New Zealand is acutely aware of the importance of maintaining and growing New Zealand's "100% Pure" reputation. We are committed to meeting the highest standards of environmental responsibility.

"Our goal is to be the world's most environmentally sustainable airline."

Air New Zealand will continue to seek environmentally acceptable alternatives in every aspect of our business.

Commitment to the environment

Air New Zealand is a world-leader in examining every aspect of flight operations to reduce carbon emissions by saving fuel.

- Management of our fuel use to benefit the environment has long been a priority.
- Modelling of fuel performance is sophisticated and well understood, ensuring Air New Zealand can predict fuel usage with a high degree of confidence and that we can measure progress extremely accurately.
- Within the last four years alone, Air New Zealand has instigated 41 projects to reduce emissions. These range from reducing weight on aircraft to more accurate fuel loadings, increased use of ground power and improved descent profiles.
- Between August 2004 and March 2008 our carbon dioxide emissions were reduced by 90,963 tonnes a year. Planned new initiatives will increase that to 130,000 tonnes annually.

No one airline, research or scientific group holds the key to making air travel more environmentally sustainable. Success requires a collective effort across research organisations, manufacturers, fuel companies and airlines.

Fleet enhancement

Air New Zealand has committed over \$2.5 billion to updating its fleet to ensure we gain the significant carbon emission reductions that the new more fuel efficient aircraft make possible.

Air New Zealand is the launch customer for Boeing 787-9, which will be 20 per cent more fuel efficient than comparable aircraft today and the Boeing 777-300ERs will be around 15 per cent more fuel efficient than the aircraft they replace.

Air New Zealand will have one of the youngest, most technologically advanced environmentally friendly long haul fleets in the world.

Sustainable Biofuel

Air New Zealand is the first airline to test jatropha, a sustainable biofuel, on a large passenger aircraft. We've also recently joined the Algal Biomass Organisation (ABO), for the identification and acceleration of new generations of fuel sources for the industry that have lower life cycle carbon emissions; in this case sustainable algae-based biofuels.

Taking it personally

Travellers wanting to help offset their personal carbon emissions can now do so through our website.

Customers can also assist the environment by donating to the Air New Zealand Environment Trust, which supports projects around New Zealand in protecting, preserving or enhancing the natural environment as well as funding research and development.

The Trust's first project is Mangarara Station in Hawke's Bay, where 85,000 native trees will be planted over the next three years to create a conservation reserve, which will be available for the public to visit.

Our people

- Many Air New Zealanders are taking on the drive for environmental responsibility, with 2500 already joining the Green Team. They are committed to reducing both their own, and the airline's, environmental impact.
- Internally, Air New Zealand is establishing an Environmental Management System (EMS) with the target of attaining ISO14001 by 2010.

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