



Qantas and Carbon

Andrew Sellick

Group Manager – Environment and Carbon



Title of presentation – 2

Agenda

1. Context
 - Carbon Footprint
 - Carbon Pricing Schemes
2. Approach
 - Fuel Optimisation and Fleet Renewal
 - Sustainable Aviation Fuel
 - Carbon Offsets
3. Sustainability Recognition

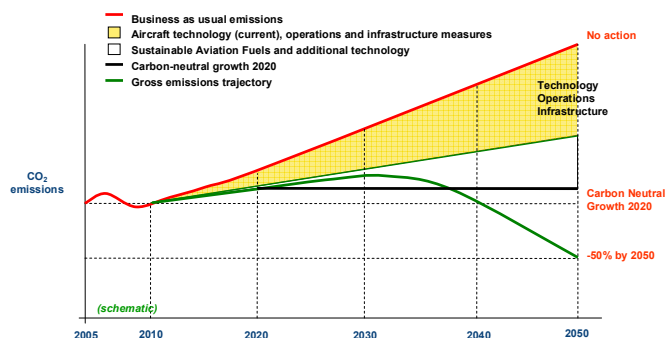
Qantas and Carbon Compliance Programs - 3

Context



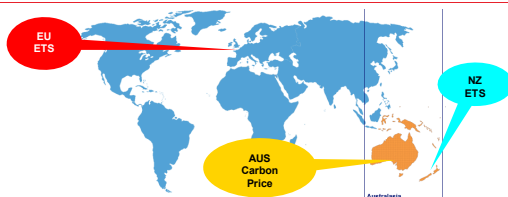
Context – Qantas Group carbon footprint

- Approx 12 million tonnes of CO₂-e globally
- Over 95% of emissions from aviation fuel
- Key Issue for customers (Corporate and travelling public), Government and Communities



Qantas and Carbon Compliance Programs – 5

Context - Qantas will be impacted by 3 separate Carbon Pricing Schemes in 2012



European Union

- Intra-EU and International sectors in/out of EU
- Transitional assistance
- 70 weekly international long haul sectors

Australia

- Domestic Aviation
- Fixed price/Flexible Pricing
- Applied through Fuel Excise
- 5,600 weekly domestic sectors

New Zealand

- Domestic aviation
- Choice to Opt-in
- Transition phase
- 110 weekly domestic sectors

Qantas supports equitable global and national climate change and carbon pricing policies that minimise competitive distortions between airlines, industries and regions, and which give airlines time to adapt.

Qantas and Carbon Compliance Programs – 6



Approach - Fuel Optimisation and Fleet Renewal

- Target - on average 1.5% pa improvement in efficiency (16.5% by 2020)

- Dedicated Fuel Optimisation Program
- Focus on all aspects of our operation to safely optimise fuel use
 - On ground
 - Engineering
 - Network and planning
 - Flight Operations
 - Technology

- Over 1 million tonnes of CO2 avoided to date

- Fleet renewal the key to future performance



Approach - Sustainable Aviation Fuel (SAF)

- Lower carbon footprint than traditional jet fuel
- 'Flight Path to Sustainable Aviation' – Australian Government Industry Roadmap

Approach

- Letters of intent with 2 organisations



- Biomass – Sugar Cane + Algae

- Biomass - Waste



Approach - Carbon Offsets

- Government accredited programs in place since 2007
- All Staff Business travel and emissions from Ground Transport vehicles are offset.
- Over 900,000 tonnes offset to date!



Sustainability Recognition



Sustainability Recognition

The Qantas Group's performance and standards in the area of sustainability are demonstrated through its inclusion since 2009 in the sustainable investment indexes, the [Dow Jones Sustainability Index \(DJSI\) Asia Pacific](#) and the [FTSE4Good Global Index](#) and [Australia 30 Index](#).

The Qantas Group won the Citi Award for 'Best Environmental, Social and Governance (ESG) disclosure by an Australasian Company' at the [2010 Australasian Investor Relations Association awards](#).

The Qantas Group is included in the [2010 Carbon Disclosure Project Leadership Index \(CDPLI\) for Australia and New Zealand](#). The Group is also included in the top 10 companies on the 2010 Carbon Performance Leaders list, and is the only industrial company to make it onto this list.



FTSE4Good



AuSSI
The Australian 300 Sustainability Index
Member since 2009



Dow Jones
Sustainability Indexes
Member since 2011

CARBON DISCLOSURE PROJECT

Thank you