



Content

- Auckland Airports drivers for sustainability
- 1st policy and plan
- 2nd policy and plan
- Why a rating tool?
- Why ISCA?



Drivers



Aviation highlighted as a growing contributor to global greenhouse gas emissions by IPCC (1997)

Implications for long-haul tourism and trade

Highlighted in strategic risk review 2005

Sustainability Advisor 2007

First policy 2008



1st Policy



Policy developed internally with some engagement with stakeholders (internal touch points) and website

Based on 14 material issues across Economic, Environmental and Social

41 targets included in 1st Action Plan 2008 to 2012

73% achieved



2nd Policy



- 2012 Stakeholder engagement:
- Company website
- Consultation document
- Media campaign
- Internal Workshops
- International airport and professional social networks



NZ AIRPORTS

New Zealand Airports Magazine - Tenth Edition April 2012

WORKING FOR A SUSTAINABLE FUTURE

Auckland Airport's next sustainability plan is taking a long term approach - looking towards 2030 - and it is after thoughts and ideas.

The plan considers areas such as airport resilience, the company's social impact, sustainable transport and how the company reports on its performance.

Auckland Airport is already getting attention for its sustainability achievements, most recently as the only company at the 2011-2012 Sustainable Business awards to be nominated in all five categories. It also came out on top in the Strategic and Governance category.

Some absolute targets have been suggested around reporting, supply chain, customer engagement and value design, including a potential 50 per cent reduction in waste sent to landfill, and water and energy use.

Sustainability adviser Martin Fryer also suggests discussing it with the next generation.

"By 2030 we will all be living in a very different world, so it's a good chance to plan for it. We'll have granddaughters, nephews and a hope what they think an airport will look like, or what they think it should be like in terms of their experience as a passenger."

There are no right or wrong answers, so if you've got a keen interest in Auckland Airport, as a passenger terminal or a parent, or a parent, then contact Martin directly at martin.fryer@aucklandairport.co.nz

We are an important part of so many journeys

Why not play a part in ours?

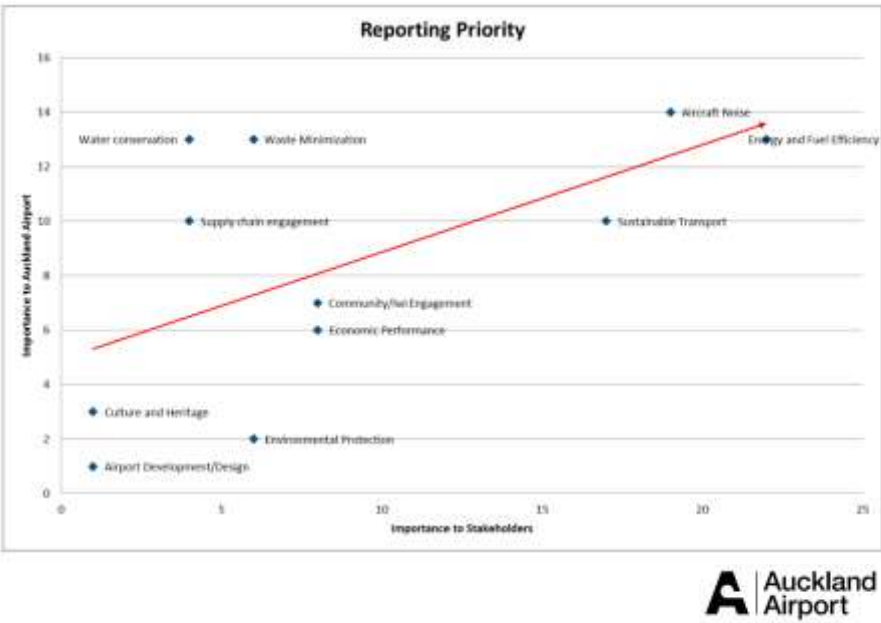
Travel and tourism industry

BarkCheck and Travel World TV included the Airport as a case study showing how big business can exceed sustainability goals

The first episode will screen on Discovery Asia in June 12 and the second episode, which features Auckland Airport, Langham Hotel and Falls in New Zealand's only BarkCheck certified community will screen in June 13

The episode poses the question: "If small business and communities are becoming more sustainable, what about big business?"





2nd Policy



11 material issues approved and identified in 2nd policy

Action Plan 2012 to 2020 – 20% reduction targets

“Engagement” targets for supply chain/community and Iwi

Focus on operational boundaries (driven by disclosures)



2nd Policy



Results FY12 to FY14:

13% reduction in total energy consumption

20% waste minimization plan achieved well ahead of 2020

Water consumption down by 8% per pax in three years



Why a rating tool?



Why a rating tool?



Masterplan creates a vision of the airport of the future

Need to review our approach to sustainability changing policy and strategy accordingly

Review of sustainability rating tools highlights Infrastructure Sustainability Council of Australia (ISCA)



Why a rating tool?



Investigations revealed no specific tool available in New Zealand. Globally, however, there are many including:

UK – Civil Engineering Environmental Quality Assessment and Award scheme (CEEQUAL) and Building Research Establishment Environmental Assessment Method (BREEAM)

US - Envision – developed by Institute of Sustainable Infrastructure and Green Leadership in Transportation and Environmental Sustainability (GreenLITES)

AU - Infrastructure Sustainability Council of Australia (ISCA) rating tool



Why ISCA

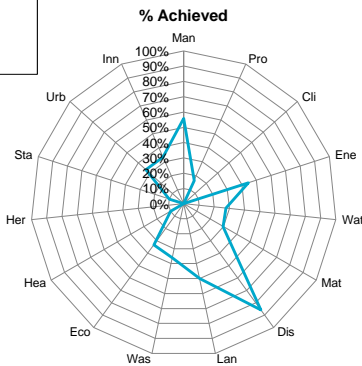
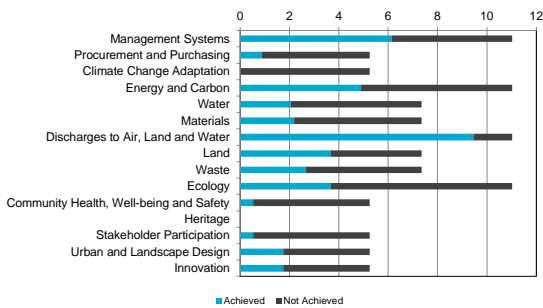


Tool seen as international best practice

Developing traction in NZ – Waterfront Auckland, City Rail Loop

Pilot rating for operation of airport infrastructure (currently in verification stage)

Outputs provide gap analysis



ISCA Gap Analysis Assessment

Theme	Status	Cost	Potential ROI
Improved reporting of sustainability performance	underway	\$	-
Including sustainability in business decision making processes	underway	\$	\$\$
Procurement and purchasing			
Commitment to sustainable procurement	underway	\$\$	\$\$\$
Identification of suppliers	underway	\$\$	\$\$\$
Supplier evaluation and contract award	underway	\$	\$\$
Managing supplier performance	underway	\$	\$\$
Climate change adaptation			
Risk assessment and adaptation options	not started	\$\$	\$\$\$
Energy and carbon			
Energy and carbon reduction opportunities	underway	\$	\$\$
Renewable energy	not started	\$	\$\$
Water			
Water saving opportunities	underway	\$	\$\$
Materials			
Footprint measurement and reduction	not started	\$	\$\$
Eco-labelled products and supply chains	underway	\$	-
Land			
Flooding design	not started	\$	-
Waste			
Diversion from landfill	underway	\$	\$\$
Community Health, Wellbeing & Safety			
Community health and wellbeing	underway	\$	-
Heritage			
Heritage assessment and management	underway	\$	-
Monitoring and management of heritage	underway	\$	-
Urban and Landscape Design			
Implementation	underway	\$\$	-
Innovation	underway	\$\$	\$\$\$



Why ISCA?



ISCA pilot for design of terminal development (1,400m² of additional retail and pax processing space)

Provides an opportunity to embed sustainability into terminal assets at the design stage

Assists in the preparation of tender documentation



Why ISCA?



Sends a clear message to our supply chain around our focus on sustainable development

Potential to be used across all projects across the entire campus

Could ensure implementation of our masterplan leads to sustainable development and a true life cycle approach to asset management



Thankyou!

