



Ministry of
Fisheries
Te Tautiaki i nga tini a Tangaroa

Emissions Reduction Plan 2008



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For the period 2008

Background Government policy is for the public sector to move towards carbon neutrality. The initiative is centred on reducing emissions in a cost effective way, to demonstrate active leadership on sustainability and climate change, and to reduce the environmental impact of government business.

Approval Wayne McNee
Chief Executive, Ministry of Fisheries

Carbon Neutral Public Service Programme for the Ministry of Fisheries

The government has committed to moving towards a carbon neutral public service. The Ministry of Fisheries is one of the 28 stage two core public service agencies that will be on the path to carbon neutrality by the year 2012.

Reducing emissions is an important step in the context of carbon neutrality. Having measured the emissions, it is necessary to undertake cost effective reduction activities that will reduce emissions as much as practical. The remaining emissions will then be offset to make the core public service carbon neutral.

The role of the reduction plan is to identify and record opportunities and initiatives that help to reduce emissions.

Organisational Overview

The role of the Ministry of Fisheries is to act as the Government's principle advisor on New Zealand's fisheries management and the impacts of fishing on the aquatic environment, including issues that may impact on the continued viability of fisheries or other marine resources.

The Ministry of Fisheries:

- Advises government on the development of fisheries policies;
- Develops laws to manage fisheries;
- Administers the Quota Management System that regulates New Zealand commercial fishing activity;
- Promotes fishers acting within fisheries laws; and
- Gives effect to the principles of the Treaty of Waitangi as they relate to fisheries.

The main business groups of the Ministry of Fisheries are:

- Policy;
- International;
- Fisheries Operations;
- Fisheries Compliance;
- Science;
- Finance;
- Legal; and
- Corporate Development.

There Ministry of Fisheries has 19 offices located around the country these are:

- Kaitaia;
- Whangarei;
- Auckland;
- Whitianga;
- Hamilton;
- Tauranga;
- Opotiki;
- New Plymouth;
- Gisborne;
- Napier;

- Masterton;
- Petone;
- Wellington (Head Office);
- Nelson;
- Blenheim;
- Christchurch;
- Chatham Islands;
- Dunedin; and
- Invercargill.

The Ministry of Fisheries has a total fleet of 92 vehicles.

As at 30 June 2007 there were 453 employees, 433 of which were full time employees, and 445 FTE's.

The Ministry of Fisheries Current Carbon Footprint

Type of Emission	Consumption	Tonnes CO ² -e	% of Total Emissions
Direct (Scope 1) Emissions			
Petrol use	93,570 litres	215	5%
Diesel use	106,190 litres	276	7%
LPG use			
Natural gas in owned buildings and leased buildings where the agency is the sole tenant			
Coal use			
Total Direct (Scope 1) Emissions		491	12%
Indirect (Scope 2) Emissions			
All purchased electricity in owned buildings and leased buildings where the agency is the sole tenant	678,023 KWh	142	4%
Purchased electricity for lighting and utility/appliance power in leased space where the agency is not the sole tenant	1,303,847 KWh	273	7%
Total Indirect (Scope 2) Emissions		415	11%
Indirect (Scope 3) Emissions			
Transmission and distribution losses for all purchased electricity		44	1%
Domestic air travel	3,893,348 Kms	701	18%
International air travel	2,375,480 Kms	261	7%
Business travel in rental cars and taxis		52	1%
Taxis	\$277,580		
Rental car petrol	9,800 litres		
NIWA vessel use (diesel)	741,000 litres	1,951	50%
Waste to landfill	13,003 Kgs	7	<1%
Total Indirect (Scope 3) Emissions		3,016	77%
Total Ministry Emissions		3,922	100%

The main emissions sources for the Ministry of Fisheries are:

- NIWA vessel use (50%); the Ministry uses NIWA vessels to undertake fisheries research; and
- Air travel (international and domestic) (25%).

During 2008 the Ministry will:

- Publish the Ministry's statement of sustainable work principles (as noted in the SOI);
- Continue to implement sustainable work practices; and
- Engage with third party service providers (i.e. NZDF – both aircrafts and navy vessels, and NIWA) to work in partnership to minimise the emissions from these services.

The Ministry is developing a range of sustainable work practices that will help reduce the Ministry's carbon footprint; these include:

- Video conferencing as a substitute for air travel;
- Waste recycling;
- Waste minimisation; and
- Review of the profile of the vehicle fleet.

Supporting Policies, Plans, and Resources

The Ministry of Fisheries has in place the following policies, plans, and resources that will aid the organisation in reducing greenhouse gas emissions:

- Internal Procurement Policy, with guidelines concerning sustainable purchase;
- Govt³ Fleet Review Report;
- Energy monitoring;
- Air Travel reporting; and
- Waste audits at head office.

Energy

Energy consumption was responsible for 7% of the Ministry of Fisheries greenhouse gas emissions for the financial year ended 30 June 2007.

Initiatives already undertaken:

- Installation of T5 light fittings as part of the Head Office refurbishment; and
- Engagement of SmartPower to provide advice and assistance in regard to our energy usage, spend, and reporting. They also undertake energy audits and provide recommendations as a result of these.

Actions listed below aim to:

- Promote energy efficient behaviours.

Action	Responsibility	Timeframes	Measure of Success
Complete level two energy audit	Manager Corporate Operations	To be completed by 30 June 2008	Audit completed and recommendations made; Recommendations to be implemented added to CNPS reduction plan

Transport

Transport emissions account for 92% of the Ministry of Fisheries greenhouse gas emissions for the financial year ended 30 June 2007. Only 8% of emissions are from the Ministry of Fisheries fleet of 92 vehicles.

Initiatives already undertaken:

- Video conferencing facilities provided in Auckland, Napier, Head Office, Nelson, and Dunedin;
- Implementation of a travel policy, with appropriate level of authorisation required;
- Secure bike cage available at Head Office for cyclists; and
- Shower facilities available at Head Office.

Actions listed below aim to:

- Decrease the need for air travel; and
- Encourage use of sustainable transport options.

Action	Responsibility	Timeframes	Measure of Success
Undertake the travel planning process	Corporate Services Manager	To be completed by 2010	Travel planning process has been completed and a travel plan is now in place; Relevant actions have been included in the CNPS reduction plan
Undertake Fleet sustainability initiatives for vehicle procurement and ensure that the recommendations of our fleet review are considered when undertaking their normal replacement schedule	Fleet Manager	Ongoing	All replacement vehicles meet a minimum standard of Euro IV emission standards
Implement video conferencing systems throughout other Ministry of Fisheries offices	Manager ITT	Ongoing	Video conferencing facilities available nation wide, and in the head office meeting rooms

Waste

Waste to landfill emissions account for less than 1% of the Ministry of Fisheries greenhouse gas emissions for the financial year ended 30 June 2007.

Initiatives already undertaken:

- Paper recycling bins at desks in head office;
- Composting of food scraps in head office;
- Recycling for plastics, glass and tins in head office;
- Replacements of rubbish bins with desktop cubes in head office;
- Regular (annual) waste audits undertaken in head office; and
- Double sided printing as a default.

Actions listed below aim to:

- Further encourage staff to continue with good recycling habits in order to bring our waste to landfill to a minimum.

Action	Responsibility	Timeframes	Measure of Success
Staff awareness programmes	Waste Champions	Ongoing	Further reduction in the amount of recyclable and combustible goods to landfill in annual waste audits