

Zero Carbon Bill – Moving Towards a Low Emissions and Climate Resilient New Zealand

Paul Alexander
Programme Director
Low Emissions Transition Hub
Ministry for the Environment



Ministry for the
Environment
Manatū Mo Te Taiao



Making Aotearoa New Zealand
the most liveable place in the world
Aotearoa – he whenua matua kua mā te taitiaki

In this presentation...

- Key milestones for 2019
- Overview of the Zero Carbon Bill
- Overview of changes to the NZ Emissions Trading Scheme
- Adaptation work



Ministry for the
Environment
Manatū Mō Te Taiao



Making Aotearoa New Zealand
the most liveable place in the world
Aotearoa - he whenua mana kura mō te tangata

What's happening in 2019

Interim Climate Change Committee - Reports on renewable electricity, and agricultural emissions and the NZ ETS due end of April

Community resilience work programme - agencies report back to Cabinet in May

Zero Carbon Bill - Bill is planned to be introduced to the House in May

Productivity Commission's *Low-emissions economy report* - Government response will be released after Budget 2019 announcements

First National Climate Change Risk Assessment – framework for NCCRA mid-2019 (first NCCRA completed mid-2020)

Amendments to Climate Change Response Act 2002 (NZ ETS) – amendment Bill expected to be passed by the end of the year

Zero Carbon Bill



Ministry for the
Environment
Manatū Mo Te Taiao



**Making Aotearoa New Zealand
the most liveable place in the world**
Aotearoa – he whenua mata kura mō te tangata

The Zero Carbon Bill

An enduring framework for the transition to a low-emissions and climate-resilient New Zealand.

It will:

- set an emissions reduction target for 2050
- establish a system of emissions budgets to reach the target
- establish an independent Climate Change Commission
- establish a range of adaptation measures.



Ministry for the
Environment
Manatū Mō Te Taiao



Making Aotearoa New Zealand
the most liveable place in the world
Aotearoa - he whenua mana kura mō te tangata

New Zealand Emissions Trading Scheme



Ministry for the
Environment
Manatū Mo Te Taiao



**Making Aotearoa New Zealand
the most liveable place in the world**
Aotearoa – he whenua mata kura mō te tangata

NZ Emissions Trading Scheme – what it is

- Key tool to help us meet emissions targets and transition to a low-emissions economy
- Puts a price on greenhouse gas emissions
- Covers all sectors except agriculture



Ministry for the
Environment
Manatū Mō Te Taiao



Making Aotearoa New Zealand
the most liveable place in the world
Aotearoa - he whenua mana kura mō te tangata

NZ Emissions Trading Scheme – reforms

- The legislation (Climate Change Response Act 2002) is being reformed
- The reforms will help us meet our climate change objectives and provide certainty for the market
- The amendment Bill will be passed by the end of 2019



Ministry for the
Environment
Manatū Mō Te Taiao



Making Aotearoa New Zealand
the most liveable place in the world
Aotearoa - he whenua mana kura mō te tangata

Adaptation

We are already seeing the impacts of climate change



Credit: Alan Blacklock, NIWA



Ministry for the
Environment
Manatū Mō Te Taiao



Making Aotearoa New Zealand
the most liveable place in the world
Aotearoa - he whenua mana kura mō te tangata

21 Recommended actions from the Climate Change Adaptation Technical Working Group

Adapting to Climate Change in New Zealand



**Recommendations from the Climate Change
Adaptation Technical Working Group**



Ministry for the
Environment
Manatū Mō Te Taiao



**Making Aotearoa New Zealand
the most liveable place in the world**
Aotearoa - he whenua mana kura mō te tangata

Progressing the core actions through the Zero Carbon Bill

- Mandated regular National Climate Change Risk Assessment
- National Adaptation Plan
- Monitoring and reporting on the National Adaptation Plan
- Adaptation reporting power



Ministry for the
Environment
Manatū Mō Te Taiao



Making Aotearoa New Zealand
the most liveable place in the world
Aotearoa - he whenua mana kura mō te tangata

Starting now: the first National Climate Change Risk Assessment



Credit: Dave Allen, NIWA



Coastal Hazards and Climate Change

**GUIDANCE FOR
LOCAL GOVERNMENT**

Community Resilience Group

Central government agencies and LGNZ working together to look at:

1. Information to better support decision making
2. Enhanced use of risk assessment
3. Alignment and adequacy of regulatory frameworks (including RMA and Building Act)
4. Ensuring effective insurance and risk markets
5. Approaches to funding and financing

Agencies and LGNZ are working closely together on these areas, and work will be progressed in partnership with local government.



Ministry for the
Environment
Manatū Mō Te Taiao



*Making Aotearoa New Zealand
the most liveable place in the world*
Aotearoa - he whenua mana kura mō te tangata



Ministry for the
Environment
Manatū Mō Te Taiao



Making Aotearoa New Zealand
the most liveable place in the world
Aotearoa – he whenua mana kura mō te tangata