

Te Kounga Paparangi Climate Action Plan – A Summary



**Emit No
Greenhouse
Gasses**

Work to reduce operational and energy related greenhouse gas emissions to zero.



**Marae &
Whānau
Resilience**

Empower our people to prepare for and thrive amidst climate change impacts.



**Careful Wai
(Water) Use**

Use wai Māori sustainability to protect water quality and quantity for the people, soils, and ecosystems that depend on them.

Achievements

- Identified funding and partners to develop marae-centered climate response plans.
- Supported climate resilience for at-risk whānau.
- Worked with Government for whānau-inclusive climate resilience plans.
- Explored green-tech solutions for marae energy needs.



Achievements

- Benchmarked existing greenhouse gas emissions.
- Implemented initiatives to reduce car usage and air travel.
- Begun phasing out diesel and petrol fleet vehicles.
- Updated Travel Policy to require 100% EV or hybrid rentals and taxis.
- Requested key vendors to report on and begin to reduce key emissions.



Achievements

- Created water management plans.
- Upgraded several Ngāi Tahu Farming sites to variable rate irrigation with soil sensors.
- Surveyed aquatic biodiversity of waterways in forestry operations.
- Supported Papatipu Rūnanga and hapū in developing local interpretations of Te Mana o te Wai.
- Continued to work with the Crown on recognising of Ngāi Tahu rangatiratanga over freshwater.

2030 Goals

- 13% biogenic methane reduction (2017 baseline).
- 54.6% reduction in Scope 1 & 2 emissions.
- 50% of Ngāi Tahu Tourism's jet boat fleet to be electric.
- 50% less air travel (2018 baseline).
- All passenger vehicles electric.

2030 Goals

- Marae centred climate change response plans will be in action and funded.
- All marae and Papatipu Rūnanga facilities technology upgraded for long-term resilience.

2030 Goals

- All operations have water management plans in place.
- New agritech solutions incorporated at Ngāi Tahu Farming sites.
- Te Mana o te Wai and freshwater planning is aligned with Ngāi Tahu aspirations.
- Whānau, Papatipu Rūnanga, and Te Rūnanga are supported to manage climate change impacts on freshwater.



Operations Do Not Harm Environment

Work to eliminate emissions including gas, solid, and liquid emissions harmful to people or the environment.

Achievements

- Reduced synthetic fertiliser use by 10% (YOY).
- Developed construction guidelines for carbon, water, energy, and waste management for whole-life sustainability.
- Completed soil reports for sites where hazardous goods are used near water supplies.



2030 Goals

- Investigate biofuel use across all business units.
- 100% of operations have hazardous waste and remediation plans.



Operations Do Not Harm Ecosystems

Protect areas where we are present and avoid negative impacts when moving into new areas.

Achievements

- Developed and prioritised ecosystem rejuvenation initiatives with mana whenua.
- Implemented high country station environmental strategy.
- Identified marine environment biodiversity initiatives.
- Reinstated Mahinga Kai Fund with climate focus for whānau protection and restoration.

2030 Goals

- Assess ecological monitoring data for improvements in locations' invertebrate populations, bird species diversity, and native flora and fauna.
- All new developments have ecosystem enhancement plans.
- Climate change response integrated into Iwi Management Plans and/or Mana Whakahono a Rohe agreements.



Eliminate Waste

Work to eliminate avoidable waste generation, and reuse, recycle or repurpose remaining waste.

Achievements

- Completed waste output baseline assessment and set reduction targets.
- Included end of life disposal requirements in purchasing.
- Developed print reduction plan.



2030 Goals

- 100% of consumer products have biodegradable/recyclable packaging.
- 100% of operations and partners have waste reduction targets and monitoring.



Grow Renewable Energy

Aim for 100% renewable energy use and reduce greenhouse gas emissions from energy use in our own, and our partner operations.



Achievements

- Investigated solar panel installment and funding for TRoNT and whānau homes.
- Investigated options for green energy.

2030 Goals

- Audit and improve the warmth and dryness standards of whānau homes.
- Investigate waste to energy initiatives.



Education & Communication

Ensure this plan and our climate change approach is understood by Te Rūnanga o Ngāi Tahu, Papatipu Rūnanga and whānau – and that Te Kounga Paparangi is regularly updated.

Achievements

- Developed a Climate Emergency Communications and Engagement Plan.
- Created a Climate Change webpage on internal and external websites.
- Developed quarterly climate change learning sessions for kaimahi and Ngāi Tahu whānau.
- Formed a climate change working group to aid action delivery.

2030 Goals

- Establish fund to support solutions addressing climate change impacts.
- Videos and digital resources to support whānau with climate preparedness and sustainability actions.
- Bi-Annual Tribal Climate Change Symposium and rangatahi wānanga.
- Training and educational opportunities enable whānau to find climate-resilient employment.

