


Te Kounga Paparangi Climate Action Plan



Cover Image:
Hollyford Wilderness Experience



Te Rūnanga o NGĀI TAHU



Change is here. From Aoraki,
across the high country, down
the awa, across wetlands to the
moana; the takiwā is changing.

Many of our marae, urupā and wāhi tapu are in low-lying coastal areas, exposed to rising sea levels and flooding. Our glaciers are melting and mahinga kai is becoming scarcer. Many of our taonga species are struggling to adapt to the changes and are at risk of survival. Papatūānuku is hurting.

Our Climate Change Action Plan, Te Kounga Paparangi, sets ambitious goals to ensure our organisation is taking on the challenge of climate change. These actions are guided by our overarching Climate Change Strategy Te Tāhū o te Whāriki (Anchoring the Foundations).

Our approach is founded in mātauranga and grounded in science. We are drawing on the wisdom of our tīpuna, while embracing innovation and experimentation to forge a path into the future.

Our Path to Change

Te Kōunga Paparangi is grounded in six pou – influencing every part of our operations for the better.

By taking action, we're embracing the opportunity for meaningful change. We're experimenting with innovative solutions across industries to mitigate climate change, build resilience, and promote sustainable business practices.



Discover the many ways we're taking on the challenge of climate change.

Highlights – So Far

Largest

In partnership with Ngāi Tūāhuriri and the Government, we launched **Te Whenua Hou Te Whenua Whītiora**, a regenerative farming trial, one of the largest in Aotearoa. The trial is working to reduce water requirements, greenhouse gas emissions, and nitrate leaching – and significantly increase soil carbon.



12x

We designed and launched our International Liquidity Portfolio – an investment screening initiative which sees **carbon emissions exposure 12 times lower than market average.**



220,000

We have planted over **30,000 native trees a year** on our farms since 2015 and are working towards restoring a native bird corridor between the Kā Tiritiri-o-te-Moana (Southern Alps) to Horomaka (Banks Peninsula).



2500

Since it's opening in 2008, our National Kiwi Hatchery has **successfully supported the hatching of 2500 kiwi chicks.** It is the most successful kiwi hatchery in the world and now receives kiwi eggs from sanctuaries and reserves across the North Island.



45%

We have diverted **45% of farm waste from landfill** through the innovative agricultural plastics recycling scheme, PlasBack.



18

18 emergency 'pods' installed at marae to support place-based emergency support.



What Our Future Holds

We have bold, ambitious, and exciting targets for the future. Our goals demand much more from us in emissions reduction, water management, marae resilience and biodiversity protection, setting a course for a better future for the generations to come.

A few of our future aspirations:



Supporting our marae to enhance their climate adaptation and resilience planning while creating a blueprint for rūnanga to implement plans in their own rohe.



Supporting Mahika Kai projects in our takiwā with a focus on protection of indigenous knowledge.

Supporting ecosystem rejuvenation initiatives within our business units and across the takiwā.



Investing in agritech solutions to reduce impacts of methane, phosphate and ecoli.



Installing recycling and composting solutions for all business units as we work towards zero waste across our operations.



Leveraging climate risk insights across our organisation to drive strategic planning.



Te Kounga Paparangi Climate Action Plan – A Summary



Greenhouse
Gas Emissions

Reduce our operational net emissions
to zero.



Achievements

- Annual greenhouse gas emissions measured and audited since 2016.
- Investing in electric jet boat development.
- Phasing out diesel and petrol fleet vehicles.
- Key vendors reporting on and reducing their own key emissions.
- Investing in methane-reducing farm technology and practices.

2030 Goals

- Reduce scope 1 & 2 emissions (excluding 'before the farm gate' farming emissions) 42% by 2030 (Fy22 baseyear).
- Reduce 'before the farm gate' farming emissions 30% by 2030 (Fy22 baseyear).
- 67% of scope 3 emissions have GHG reduction targets and audited GHG reporting by 2028.

 Marae & Whānau Climate Resilience Empower our people to prepare for and thrive amidst climate change impacts.	 Wai (Water) Protection Use wai Māori sustainably to protect water quality and quantity for the people, soils, and ecosystems that depend on them.	 Biodiversity Protection Protect and enhance biodiversity across our whenua	 Eliminate Waste Eliminate avoidable waste in our operations and reuse, recycle or repurpose any remaining waste.	 Communication Produce ongoing Te Kounga Paparangi communication within the organisation and to our iwi to share successes, challenges and opportunities for change.
Achievements → Identified funding and partners to support marae-centered climate response plans. → Worked with Government for whānau-inclusive climate resilience plans. → Explored green-tech solutions for marae energy needs. → Installed emergency pods at marae affected by flood risk.		Achievements → Investigated potential funding sources for reforestation and protection of iwi-owned native forests. → 2,500 kiwi chicks successfully incubated at National Kiwi Hatchery since 2008 → Identified marine environment biodiversity initiatives. → Reinstated Mahika Kai Fund with focus on protection of matauranga.	Achievements → Completed waste baseline assessments at key operational sites and set reduction targets per site. → Increased waste diversion options at key sites. → Reduced waste in tourism retail supply chain.	Achievements → Supported Papatipu Rūnanga specific climate change mitigation & adaptation communications. → Delivered second Tribal Climate Change Symposium, including a specific rangatahi forum. → Developed quarterly climate change learning sessions for kaimahi and Ngāi Tahu whānau. → Increased site-based sustainability groups to support collaboration and implementation of sustainability.
	Achievements → Upgraded 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 → Create a farm planting plan that prioritises protection of invertebrate populations, bird species diversity, and native flora and fauna. → All new property developments have ecosystem enhancement plans. → Climate change response integrated into Iwi Management Plans and/or Mana Whakahono a Rohe agreements.		2030 Goals → Videos and digital resources to support whānau with climate preparedness and sustainability actions. → Bi-Annual Tribal Climate Change Symposium and rangatahi wānanga.
2030 Goals → Marae centered climate change response plans across our takiwā will be in action and appropriately funded. → Marae and Papatipu Rūnanga facilities and technology upgraded for long-term resilience.	2030 Goals → New catchment level solutions incorporated into 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.		2030 Goals → Key suppliers have waste reduction requirements. → Recycling and composting at all key sites across the takiwā. → 10% YOY reduction of landfill waste.	



Tiaki Targets

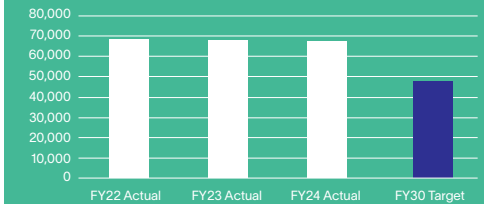
The creation of Te Kounaga Paparangi has helped deepen our understanding of climate change and sustainability, and to strengthen our commitment to positive change.

Each business unit has been set Tiaki Targets covering water, waste, greenhouse gas emissions and biodiversity. These are reported on quarterly and incorporated into business case analysis and decision making.

2050 Targets – A Snapshot

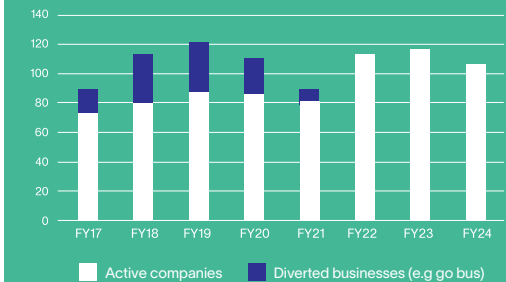
- Become carbon neutral.
- Work with Government on climate change impacts on Settlement assets, tribal lands, and resources.
- Positively impact whānau affected by climate change.
- Create a diverse and resilient asset base contributing positively to the world reflecting our social, environmental and Ngāi Tahu aspirations.
- Implement initiatives to minimise environmental changes that impact Ngāi Tahu cultural identity.
- Actively protect, restore and enhance abundant places and species.

Targeted* GHG Emissions over time (tCO₂e)



*Targeted emissions are those emissions covered by reduction targets (Scope 1, 2 and employee commuting).

Total group GHG emissions (tCO₂e)



Managing Our Risk

Climate change creates both opportunities and challenges in our operations. Our internal risk management approach now includes specific climate risks for each area of our operations. Management of these risks is the responsibility of each business unit.

