



Te Rūnanga o NGĀI TAHU

Te Runanga o Ngāi Tahu Climate Strategy

Reimagining Mātaura Wānanga June 2023

Climate Change and Ngāi Tahu

Mō tātou, a, mō ka uri a muri ake nei – for us and our children after us

Impacts of climate change for Ngāi Tahu include:

- Displacement of whānau (coastal, and inland)
- Changes to coastal ecosystems
- Increasing acidification of oceans (affecting kaimoana | seafood species)
- Food and freshwater security risks
- Changing patterns of local species – for mahinga kai | traditional food sources and rongoā | traditional medicines
- Commercial impacts on natural resource-based sector



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The opportunity

Climate Change will undoubtedly bring challenges for whānau. There is also significant potential for Ngāi Tahu to:

- Assert rangatiratanga
- Lead and influence broader Aotearoa Climate Change policy;
 - Through our own policy and actions and/or;
 - Through appointments to governance groups (e.g. Māori Climate Platform)
- Build on settlement and maximise opportunities (e.g., green energy and alternative crops)

We need to shift our approach to a system-wide, outcomes focused approach, rather than focusing on issues individually.





Climate Change Strategy Te Tāhū o te Whāriki 2018

Framed around the Nine Pou and heke of Ngāi Tahu 2025

1. Te Kaitiakitanga Me Te Tāhuhu
2. Tō Tātou Ngāi Tahutanga
3. Te Ao Tūroa
4. Ko Ngā Whakapāpātanga
5. Te Whakaariki
6. Te Whakatipu
7. Whānau
8. Mātauranga
9. Te Pūtea

Each pou provides priorities for Te Pae Tata – Short / Medium Term Actions – to be achieved by 2025 – and Te Pae Tawhiti – Longer Term Actions to be achieved by 2050.

Focus is now on implementation.



Climate Change Action Plan Te Kounga Paparangi

Publicly released in July 2022, it's an 88-point plan, focused on eight kaupapa:

1. Greenhouse Gas Emissions
2. Marae and Whānau Resilience
3. Water
4. Operational Emissions
5. Ecosystems
6. Waste
7. Renewable Energy
8. Education

Key performance indicators are consistent with He Rautaki mō Te Huringa o te Āhurangi, the Ngāi Tahu Climate Change Strategy.





1. Emit Net Zero Emissions

Actions include:

- Updating the baseline data we hold.
- Reducing staff car and air travel.
- Re-evaluate, innovate assets and industries.



2. Marae and Whānau Resilience

- **Marae resilience** is embedded in the Climate Strategy.
- In times of climate emergency, Marae can serve as **safe and strong** community hubs.
- We will assist Papatipu Rūnanga to establish **climate response plans**, working alongside Government.
- Identify **green-tech solutions** for Marae.
- Continue encouraging self-sufficiency in **energy, water and waste**.
- Going beyond defensive survival plans, to ensure **thriving whānau** in a climate-changed, low-emissions world.





3. **Water use is environmentally responsible**

Water is of immense significance to Ngāi Tahu. We know some areas will experience drought while others extreme rainfall and flooding, affecting freshwater availability.

- **Te Kounga Paparangi** commits to **water management plans** developed across the group.
- **Surveys of critical waterways** within commercial operations will be carried out to monitor aquatic life.





4. Operational emissions do not harm people or the environment

- Similar to the first pou, this action aims to eliminate harmful gaseous, solid and liquid emissions.
- It includes actions by Ngāi Tahu Farming to reduce synthetic fertilizer use by 10%, year on year; increasing uptake of renewable energy sources; and developing construction guidelines for use by Ngāi Tahu Property.





5. Operations do not encroach on ecosystems or communities

- This pou commits to protecting biodiversity – in areas where Ngāi Tahu operations are already present, and ensuring that we take steps to avoid or mitigate negative outcomes in new areas.
- This pou includes ecosystem regeneration initiatives to reinstate migratory corridors for manu | birds; marine environment; and mahinga kai sites.





6. Optimise resources, eliminate waste

- **Reuse, recycle**, or otherwise **repurpose** any remaining waste.
- **Organic waste** at landfill a substantial producer of biogenic methane - 9% of Aotearoa's emissions.
- Carry out a **baseline assessment** of waste outputs, including end of life disposal requirements in all purchasing.
- By 2025, **60% of all operations and partners will have waste reduction targets** and monitoring, we are aiming for a paperless office by 2030 with digital publications only.





7. Renewable energy and producing green energy

- This pou aims to achieve 100% renewable energy and utilise our own production of green energy in our operations.
- These actions are at the 'investigation' phase – but the potential is there to develop renewable energy generation across the takiwā – including solar; wind; micro-hydrogeneration options.





8. Education, communication, delivery

- An effective, targeted **Communications and Engagement Plan** is key to the internal and external success.
- Educational and digital media to facilitate **two-way exchange** with whānau and Papatipu Rūnanga.
- Socialise the Ngai Tahu response to the climate emergency, to **stakeholders and the wider community**.
- A bi-annual **Tribal Climate Change symposium** so office and holdings remain in touch with grass roots – next symposium to take place 2023.
- Make sure implementation plan is regularly **revisited and reinvigorated**.
- **Refresh the 2018 Strategy** to reflect the Tribe's evolved thinking, embodied in this plan.



Climate Change Symposium 2023

Purpose

- Evaluate early progress against Te Kounga Paparangi.
- Workshop a tribal position on climate change adaptation.



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A vertical aerial photograph on the left side of the slide shows a wide river delta with multiple channels flowing into a body of water. In the background, there are steep, forested mountains under a clear sky.

Climate Change Symposium 2023

Outcomes sought

Attendees are:

- Empowered and ready to start conversations with their whānau/ hapū about adaptation.
- Confident in Te Rūnanga o Ngāi Tahu leadership role in Climate Change mahi and feel well supported in their own mahi at the flaxroots level.
- Proud of what their iwi is doing in terms of Climate Change.
- Rangatahi feel included and heard in the kōrero about climate change.

Te Rūnanga:

- Is informed of Papatipu Rūnanga emergent views on adaptation and can start framing up a Climate Change Strategy refresh for 2023.
- Can engage with central/local government more meaningful, armed with the emergent Ngāi Tahu position.



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Strategy & Environment's work programme

We are amid a 'Reform Storm' with reforms underway of:

- Three Waters
- Resource Management
- Local Government
- Health

... along with BAU.

Papatipu Rūnaka are in the eye of the storm – facing significant capacity challenges.

Papatipu Rūnaka, and the Office, need to prioritise where our effort goes.

We also need to work together, in a system-wide way, to give effect to multiple strategies. We can see the connections between kaupapa that others cannot.



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