



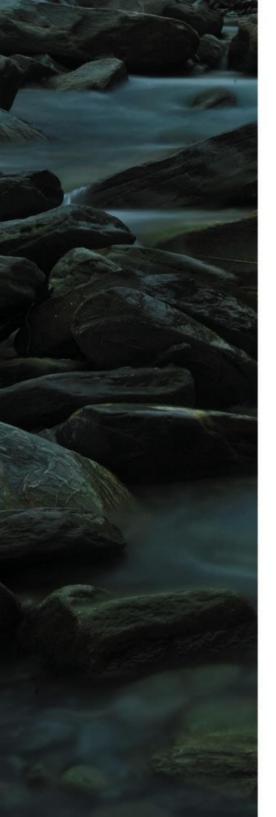
## Climate Change and Ngāi Tahu

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





## 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:

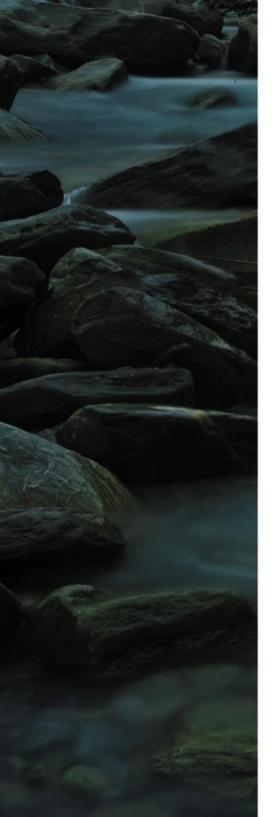
- Updating the baseline data we hold.
- Reducing staff car and air travel.
- Re-evaluate, innovate assets and industries.



### 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.





## Climate Change Symposium 2023

### **Outcomes sought**

#### Attendees are:

- Empowered and ready to start conversations with their whānau/ hapū about adaptation.
- Proud of what their iwi is doing in terms of Climate Change.
- Rangatahi feel included and heard in the korero 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.

Te Rūnanga o NGĀI TAHU



### 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.

Te Rūnanga o NGĀI TAHU

