



Te Tiriti o Waitangi 1840

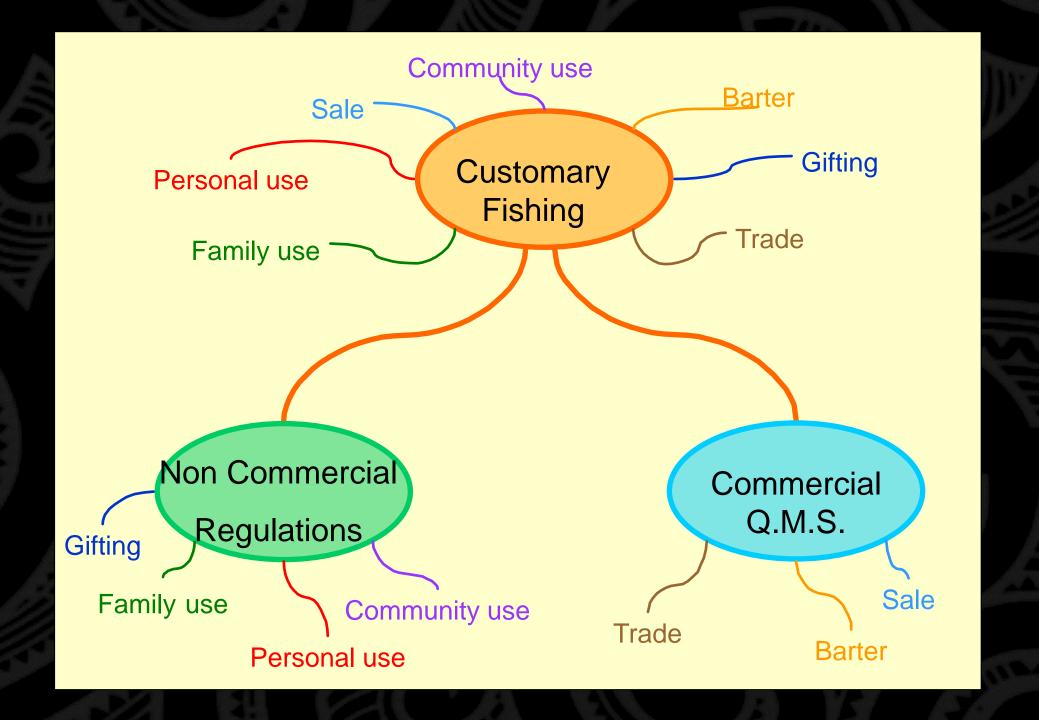
- Article I: Crown right to govern
- Article II: Guarantees full, exclusive undisturbed possession of Lands, Estates, Forests & Fisheries (all their treasures) to Māori
- Article III: Extends rights & duties of British to Māori

Post 1840

- Crown pass various Acts that preclude Māori from exercising "full exclusive, undisturbed possession..."
- Treaty of Waitangi Act 1975 the NZ approach
- 1983 Fisheries Act said "Nothing in this Act shall affect Māori fishing rights"
- Nature of the Māori fishing right was not defined
- 1986 Quota Management System (QMS)- property right to commercial fishers, share for non commercial users
- Māori appeal to the High Court
- Results in judicial interpretation of Māori fishing rights
- Māori and Crown negotiations result in:
 - Māori Fisheries Act 1989 first step [10% allocation of existing quota to Māori,
 Taiāpure Reserves]
 - Treaty of Waitangi (Fisheries Claims) Settlement Act 1992

Treaty of Waitangi Settlement Act

- Settled all claims to fishing rights made by Māori under Article II of the Treaty of Waitangi
- Split Māori fishing rights into non-commercial and commercial components
- Non-commercial Provision for customary food gathering;
 Mātaitai Reserves
- Commercial Quota and Fishing Assets; 20% of any new quota; Input & participation in fisheries management

























"To enhance utilization of marine resources within environmental and biological limits"



'transformation of Aotearoa New Zealand's ability to enhance our marine economy, and to improve decision-making and the health of our seas through ecosystem-based management'.

We have developed – with input from Māori partners – a definition and principles for EBM for Aotearoa. These are a work in progress, and will continue to evolve.

Co-governance

Governance structures that provide for Treaty of Waitangi partnership, tikanga and mātauranga Māori.





Tailored

Place and time specific, recognising all ecological complexities and connectedness, and addressing cumulative and multiple stressors.

Collaborative decision-making

Collaborative, co-designed and participatory decisionmaking processes involving all interested parties.



Ecosystem-based management for Aotearoa

A holistic and inclusive way to manage marine environments and the competing uses for, demands on, and ways New Zealanders value them.



Human activities

Humans, along with their multiple uses and values for the marine environment, are part of the ecosystem.



Sustainability

Marine environments, and their values and uses, are safeguarded for future generations.



Knowledge-based

Based on science and mātauranga Māori, and informed by community values and priorities.



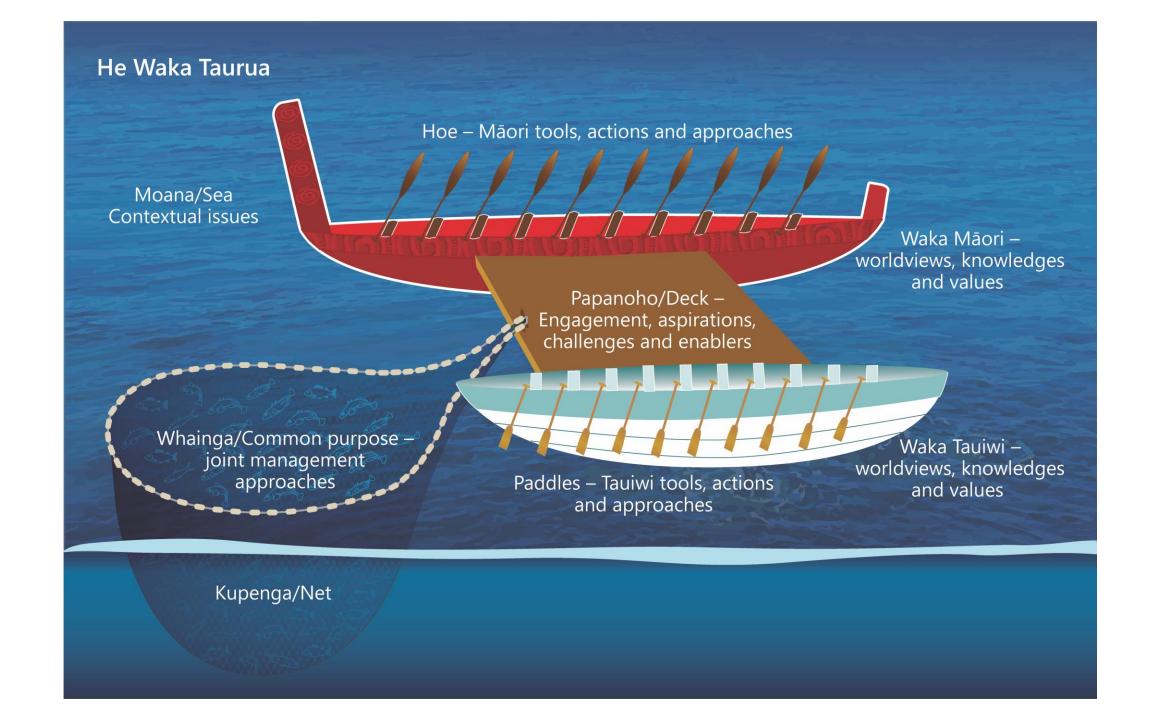
Adapts

Flexible, adaptive management, promoting appropriate monitoring, and acknowledging uncertainty.

Two Worlds Lens

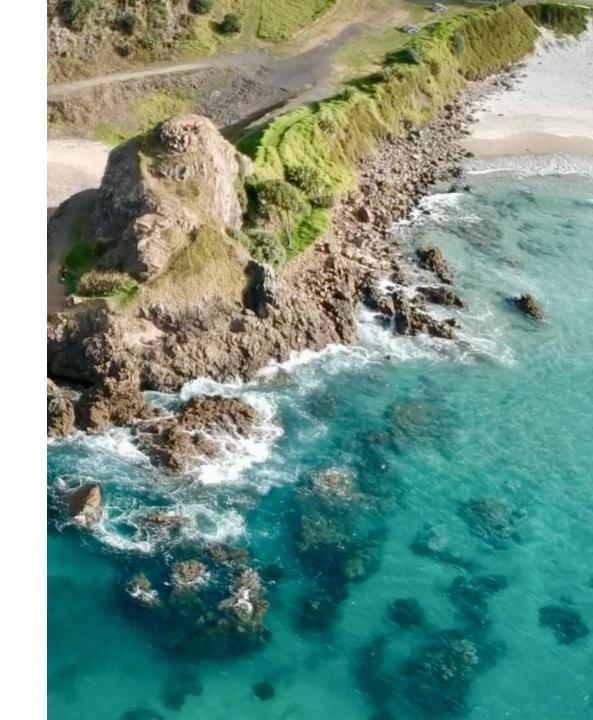






Māori Aspirations

- Explore & apply Māori knowledge for improvements to marine management
- Restore Treaty Partnership
- Explore new commercial marine interests and opportunities
- Application of Māori commercial interests based on Māori knowledge & practice
- Ensuring our research empowers and enables Māori communities





How does this work?

- Reclaiming & restoring knowledge & practice of kaitiakitanga
- Supporting tribal groups in decision-making
- Understanding & exploring the potential of Māori approaches to economy
- Lore & law enablers & barriers
- Providing for Treatybased governance & management



RECLAIMING AND PRESERVING INDIGENOUS KNOWLEDGE OF TE AO
TUROA



WHAKATINANA

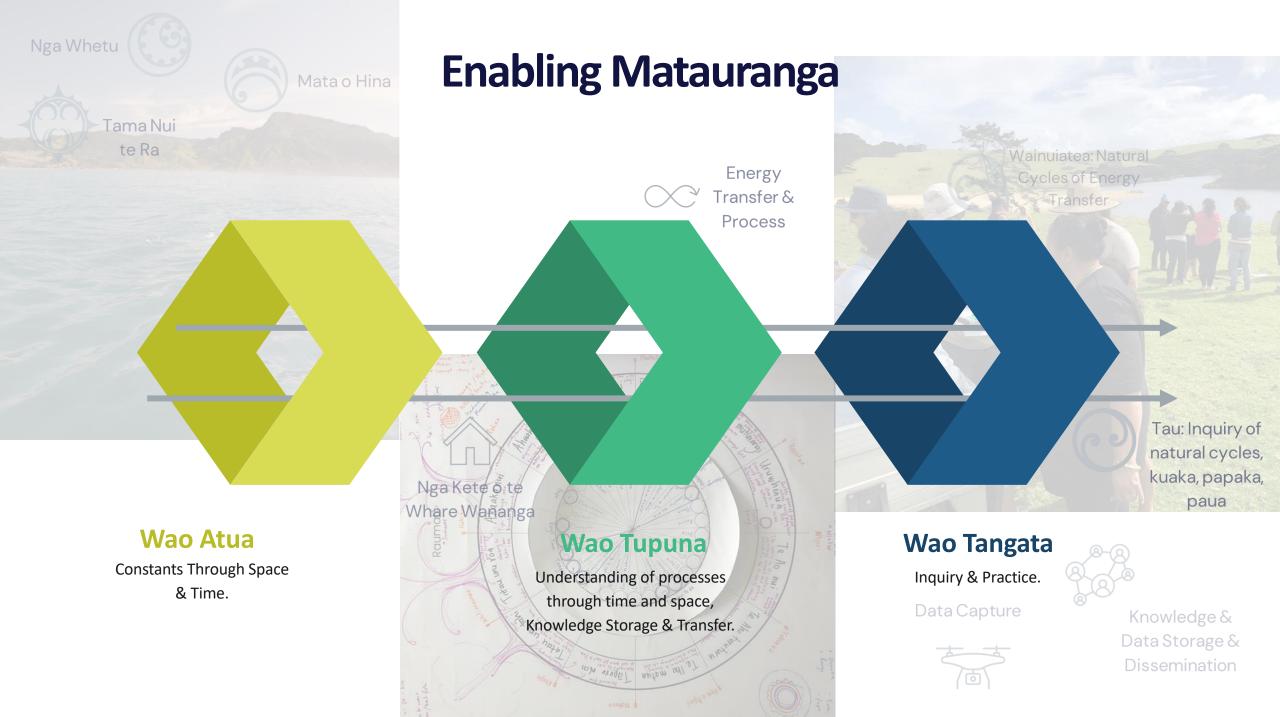
Co-Develop a process to reclaim ancestral knowledge of Te Ao Turoa

Understand reclaimed ancestral knowledge of Te Ao Turoa through practice and reflection

Utilize knowledge held in te Ao
Turoa to reframe environmental
assessment

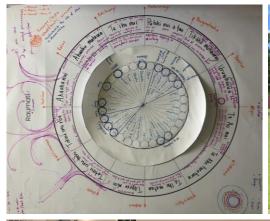
PUNA MATAURANGA



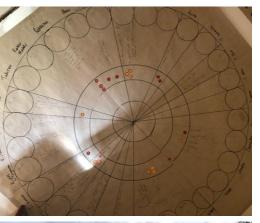


VISION MATAURANGA

- Partnerships
- Distinctive
 Contribution
- Meaningful Outcomes



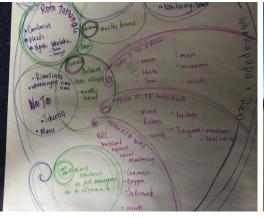














Wao Atua

Constants Through Space & Time.

Wao Tupuna

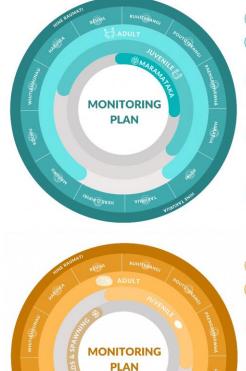
Understanding of processes through time and space, Knowledge Storage & Transfer.

Wao Tangata

Inquiry & Practice.









juveniles are seen.

MARAMATAKA

Trapping adults and juveniles over full marama cycles, identifying where most successful efforts are, limited by crab activity and

weather windows.

MARAMATAKA

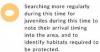
Seasonal approach to trapping both adults and juveniles pāua



Trapping marked by whetū dictating the time of the year we are cataching



Adult monitoring of growth rates to occur per marama regularly throughout the tau to track growth rates of tagged pāua.



Diving surveys during this time to take advantage of the adults being less cryptic, developing a gonad index of development and the timing and triggers of spawning.

Whai rawa, whai mana, whai oranga: Creating a world-leading indigenous blue marine economy



Literature

Past and present approaches used by Māori and indigenous people to manage marine ecosystems and economic activity



Survey

Undertaking a survey across different stakeholders in the Māori marine economy



Case Studies

Case studies of Māori businesses and organizations in the marine economy: iwi; hapū; whanau. Activities: commercial; customary; and marine governance.



Engagement

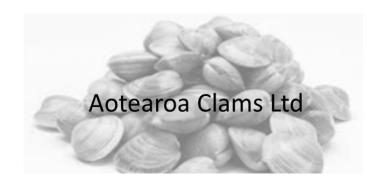
Kanohi ki te kanohi – Face to face relationships and connections





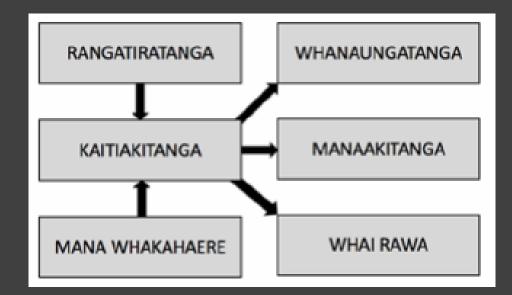


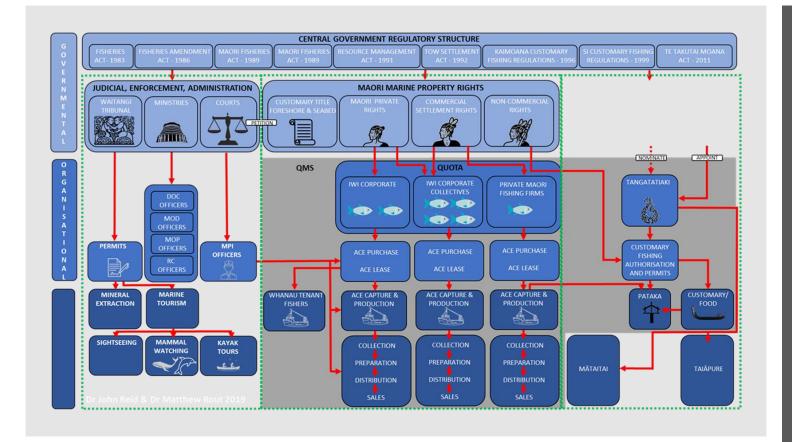




Te Rūnanga o **NGĀI TAHU**

Kaitiakicentred
business
models
within Māori
marine-based
enterprises





Māori marine economy institutional environment

Māori commercial and customary fisheries centrally controlled by legislation, regulation, ministerial decisions, and agencies without adequate provision for Māori rights and interests, and Māori aspirations

Project 2.3 Indigenising the blue economy in Aotearoa

Research goal: We will partner with Māori to explore and support Māori who aspire to a blue economy imbued with Māori knowledge, treaty principles, and a focus on Māori wellbeing, human potential, and relational balance with Tangaroa (god of the seas) as our ancestor

Phase I: Māori marine economy

- Traditional and contemporary structure of the Māori marine economy
- Case studies of Māori marine-based enterprise
- Mapping the Māori marine economy

Analysis in Māori marine economy

- Interviews with Māori business leaders, whānau, hapū and iwi
- Key constraints: (1)
 fragmentation of
 assets; (2) property
 rights; (3) corporation community divide; (4)
 kaitiaki-centred
 business practice

Phase II Indigenising the blue economy

- Three themes: (1)
 pāhekoheko
 (integration); (2)
 auahatanga
 (innovation); (3)
 whakatautika
 (balance)
- Four case studies of Māori marine enterprise
- Synthesis of literature, practice and policy