

Toi Kai Rawa

POSITION FOR THE NEXT GENERATION
OF THE GEOTHERMAL WORKFORCE

Kererua Savage



KO WAI AU

Ngāti Tūwharetoa ki Kawerau, links through to
Taupō & Tūrangi
Ngāti Awa, Te Teko
Ngāti Rangitahi, Matata
Consulting Manager at GHA in Rotorua
Trustee on Toi Kai Rawa Trust, Co-Chair of
Savage Papakāinga Land Trust (GDL and TG2),
and Trustee on Kawerau A5A

Government | Banking | Financial Modelling |
Strategy | Housing | Rugby League

THE QUESTION

How do we position for the next generation of the geothermal workforce?

Toi Kai Rawa



Tōi Kai Raua

MĀORI ECONOMIC DEVELOPMENT

THE COMPLICATION

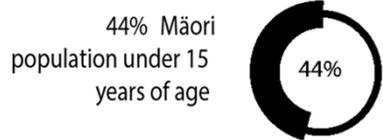
Schools, Universities, Tertiary providers, industry, private sector and Maori are misaligned. Well intentioned, but misaligned.

Sometimes close....sometimes not so much.

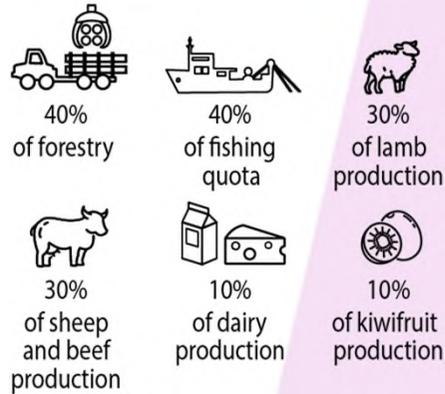
Toi Kai Rawa

REGIONAL CONTEXT

WE'RE HERE:



PROPORTION OF NZ ASSET CLASSES OWNED BY MĀORI



38% of the wider Bay of Plenty land area is Māori owned

Over 35 Iwi, over 230 Hapū, approx. 163 Marae in the wider region

1800 Māori Land Trusts



MĀORI BUSINESS NETWORK



A growing Māori business sector

Tōi Kai Rawa

TIMELINE

A brief history of
Toi Kai Rawa Trust



Toi Kai Rawa

GOVERNANCE

Toi Kai Rawa consists of a governance board and project implementation team lead by the Kaihautū.

Toi Kai Rawa's board of trustees is comprised of experienced and highly skilled individuals who have considerable knowledge and contacts within our Māori communities and in key industries throughout the Bay of Plenty and Aotearoa, New Zealand.

Board profiles are available on our website – www.toikairawa.co.nz



TAMARAPA LLOYD

BA LLB
Ngāti Tūwharetoa, Ngāti Whakaue

Chairman



TE HORIPO KARAITIANA

BAppMgmt; PGDipCM, MBA, MInstD
Kahungunu ki Wairarapa, Rangitane ki Wairarapa, Kura Kura Kai Tahu, Kati Mamoe, Rapuwai ki tai, Waitaha ki uta

Executive Trustee



KERERUA SAVAGE

BBus, MBA
Ngāti Tuwharetoa, Ngāti Awa, Ngāti Rangitihī

Trustee



DR. RIRI ELLIS

PhD (Management Studies), MMS, BMS (Marketing/Māori Resource Management); BMPA, Cert Corporate Governance

Ngāi Te Rangi, Ngāti Tahu, Ngāti Raukawa

Trustee



RICHARD JEFFERIES

BMS, Grad.DT (sec), Justice of the Peace

Ngāti Raukawa, Ngāti Tukorehe

Trustee

ADVISORY MEMBERS



MAUI HUDSON

MHSc
Whakatōhea, Ngāruahine, Ngāpuhi



DR. TANIRA KINGI

PhD (in agricultural economics and development); MAppSci (Hons)
Ngāti Whakaue, Ngāti Rangitihī, Te Arawa nui tonu, Ngāti Awa

OPERATIONAL TEAM



Awhina Ngātuere

Kaihautū
General Manager



Mere Kawha-Brears

Executive Assistant



Tasmyn Roach

Kaiwhakare
Project Coordinator



Tia Sweet

Kaiwhakare Pakihi
Regional Māori
Business Coordinator

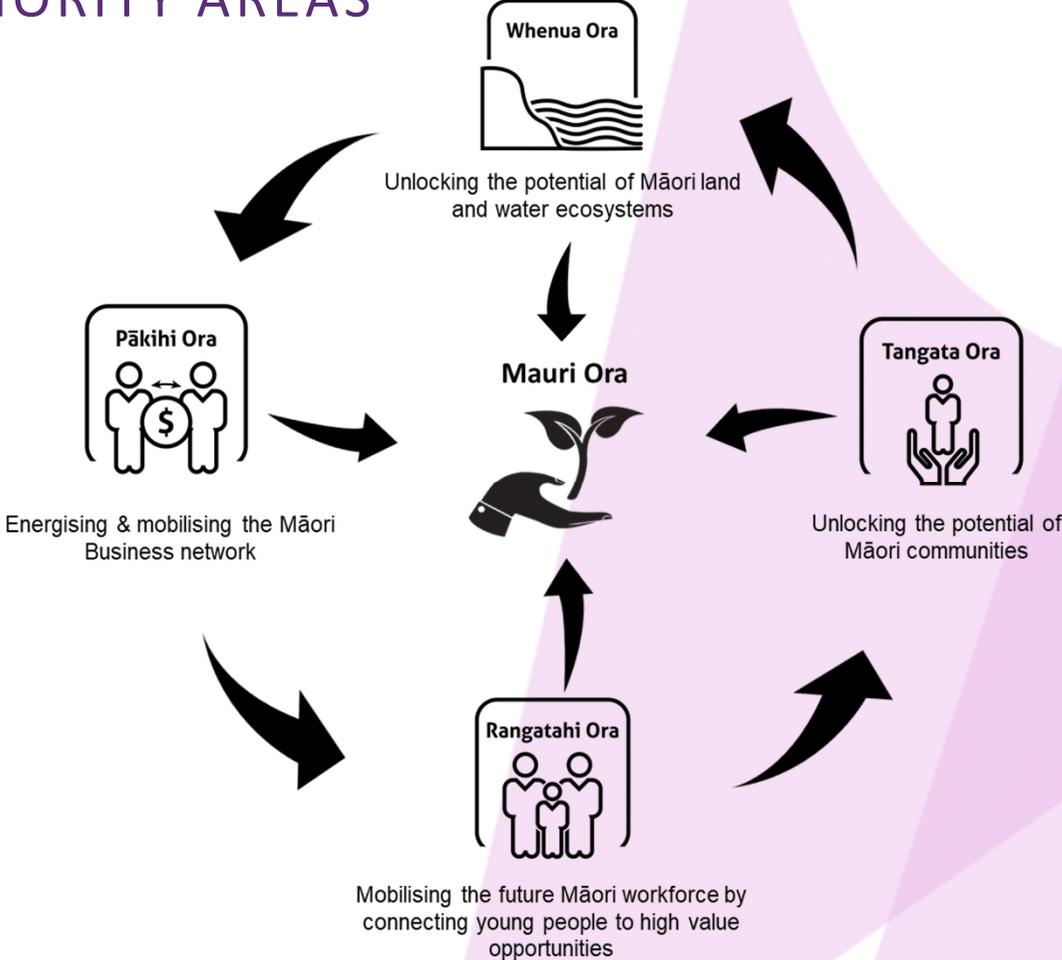


Delwyn Savage

Kaiwhakare Rapuara
Vocational Coordinator
Eastern BOP Based

Tōi Kai Rawa

STRATEGIC PRIORITY AREAS



Tōi Kai Rawa



MĀORI STEAM STRATEGY

KAUPAPA

This STEAM strategy repositions Māori as navigators in the evolving world of technology, innovation and commerce. Our tupuna (ancestors) were innovative, resourceful and brave and navigated the world with precision, confidence while exploring new opportunities in places yet to be discovered. At the centre of the plan is the importance of mātauranga Māori (knowledge) and its significant role as we move into the future.

The STEAM strategy is building on the strong rangatahi (youthful) demographic that will drive future growth around Aotearoa/NZ and the world. It seeks to activate opportunities across science, technology, engineering, arts and mathematics to mobilise Māori as navigators for their communities and whānau.

The Māori STEAM Strategy will be undertaken through nurturing collaborative relationships, connecting to what already works and creating solutions for the gaps, whilst providing focus and purpose through a coordinated plan of action. Sharing our experiences is crucial on this journey, in addition to doing this locally and nationally we will reach out to other indigenous nations globally.

OBJECTIVES

- To increase Māori STEAM participation in education, training and employment.
- To identify and establish purposeful relationships for collective impact with Māori, government, education providers, business and industry.
- To identify and connect to STEAM initiatives that can be fit-for-purpose for Māori.
- To identify the gaps, co-design and deploy prototypes that are scalable across the wider BOP.
- To build a coordinated approach to Māori STEAM initiatives, cadetships, internships, scholarships and programmes.
- To build our networks with indigenous nations, fostering opportunities for experiences abroad.

AWARENESS

PARTICIPATION

ATTAINMENT

ABILITIES

POSITIVE STEPS TO ALIGNMENT

Connect everyone together. Provide positive experiences so that our next generation can dream of working on a 100MW power plant rather than being an All Black.

The dream phase will only occur if industry extends the olive branch.

Toi Kai Rawa is working with teachers, students and industry to provide positive experiences and show case what is in the sector.



Toi Kai Rawa



OUR STRATEGIC THEMES, OBJECTIVES AND ACTIONS 2019 - 2022

COLLABORATE BUILDING PARTNERSHIPS	To identify and establish purposeful relationships for collective impact with Māori, government, education providers, business and industry.	Partner with secondary schools in the wider BOP Y1 50% TO Y3 80%	Partner with leading tertiary providers in the wider BOP	Partner with leading industry players in the wider BOP Y1-15 to Y3-50	
CONNECT TO WHAT WORKS	To identify and connect to STEAM initiatives that can be fit-for-purpose for Māori.	Complete comprehensive scan of initiatives regionally and nationally in 2019	Establish Māori focused Code Clubs and Electric Gardens Starting in 2019	Support the delivery of STEAM related academy's in the wider BOP starting in 2020	Annual Māori STEAM Careers expo Starting in 2020
CREATE DESIGN TO THE GAPS	To identify the gaps, co-design and deploy prototypes that are scalable across the wider BOP.	Annual Māori Youth Leadership Summit that moves across the wider BOP	Annual Ko Maui Hangarau Innovation Summit	Quarterly STEAM Discovery Tours	Mentoring programme that is fit-for-purpose Y1-50, Y2-100 Y 3-150 mentors
COORDINATE HUB FOR CADETSHIPS, INTERSHIPS & SCHOLARSHIPS	To build a coordinated approach to Māori STEAM initiatives, cadetships, internships, scholarships and programmes.	STEAM Cadetships Y1-10 to Y3-50	STEAM Internships Y1-10 to Y3-50	STEAM Scholarships Y1-10 to Y3-50	STEAM School holiday Programmes Design in 2019, deploy in 2020
REACH OUT INTERNATIONAL INDIGENOUS OPPORTUNITIES	To build our networks with indigenous nations, fostering opportunities for experiences abroad.	Sharing indigenous experiences	Showcasing the use of ancient knowledge for innovation	Develop "Solutions Lab" using indigenous knowledge as the foundation	

STEAM initiatives in action

MĀORI STEAM DISCOVERY TOURS



CANVAS CAREERS EXPO



7 - 8 August 2020

-  4 LOACTIONS
4 EVENTS
-  1000+ ATTENDEES
777+ STUDENTS
-  21 EXHIBITORS
-  23 MĀORI TECH
ENTREPRENEURS
-  MORE THAN 40 SCHOOLS
REPRESENTED

KO MĀUI HANGARAU – MĀORI TECH & INNOVATION



KMH Tauranga
30 July 2020



KMH Otaki
28 October 2020



KMH Turanga-nui-a-Kiwa
25 March 2021



KMH Otautahi
30 March 2021

STEAM initiatives in action

HIHIKO TE RAWA AUAHA
INNOVATION HUBS IN COMMUNITIES



HE RANGATAHI HE ANAMATA
REGIONAL MĀORI YOUTH
LEADERSHIP SUMMIT 2021



17 March 2021

Toi Kai Rawa



STEAM initiatives in action

- Hihiko Te Rawa Auaha – Innovation Hubs in Communities
- Development of Plans that capture the aspiration of the Kura
- 30 Communities in 2 years
- Mechanism to onboard fit for purpose solutions to support Community development



CORE FUNDING



PROJECT SUPPORTERS



Toi Kai Rawa



