



Arohatia te Taiao

'Flicking the Switch'

**PRESENTATION
OF FINDINGS**

CHAMPIONED BY

Te Rūnanga Papa Atawhai O Te Tai Tokerau/
Northland Conservation Board

JUNE 2022

Kia ora rawa atu

Many thanks

Special thanks and acknowledgements to those who shared their whakaaro on this important kaupapa.

Contents

CONTENTS	3
PART ONE	
PROJECT LEAD OBSERVATIONS	5
PART TWO	
KIA ORA - INTRODUCTION	7
KEY FINDINGS	8
KEY CHALLENGES	11
OTHER PRIORITIES	13
PART THREE	
PROPOSED SOLUTIONS	14
PRIORITY - LOCAL SOLUTIONS	15
WHAT DOES SUCCESS LOOK LIKE?	16
PART FOUR	
KEY SURVEY FINDINGS	18
1. HOW DO YOU FEEL ABOUT THE CURRENT STATE OF OUR TAIAO HERE IN TE TAI TOKERAU NORTHLAND?	18
2. PLEASE RANK THE IMPORTANCE TO YOU RIGHT NOW	19
3. PLEASE RATE THE IMPORTANCE TO YOU RIGHT NOW	20
4. PLEASE RATE THE IMPORTANCE TO YOU RIGHT NOW	21

Contents cont.

5.	HOW DO YOU FEEL ABOUT THE FUTURE OF OUR TAI AO HERE IN TE TAI TOKERAU NORTHLAND?	22
6.	PLEASE RANK YOUR BIGGEST FEARS FOR OUR FUTURE TAI AO HERE IN TE TAI TOKERAU NORTHLAND	23
7.	PLEASE RANK THE MOST IMPORTANT THINGS THAT YOU HOPE FOR YOUR MOKOPUNA (GRANDCHILDREN) AND THE FUTURE GENERATIONS	24
8.	DO YOU CURRENTLY LIVE IN TE TAI TOKERAU NORTHLAND?	25
PART FIVE		
	ABOUT AROHATIA TE TAI AO	26
	PROJECT AIMS	26
	THE AROHATIA TE TAI AO TEAM	27
	GLOSSARY	28
	USEFUL LINKS	29
PART SIX - APPENDICES		
	HOKIANGA WORKSHOP	30
	DARGAVILLE & DARGAVILLE HIGH SCHOOL WORKSHOP	31
	WHANGAREI WORKSHOP	32
	BREAM BAY WORKSHOP	33
	KERIKERI & KERIKERI HIGH SCHOOL WORKSHOP	34
	PAIHIA WORKSHOP	35



te Taiao

Part One

*Ko te honono te mea
matua.*

Connection is the key.

Project Lead – Observations

We are living in challenging times. Globally. Nationally. Locally. It's a shake up on many levels, causing much anxiety, uncertainty and fear.

The world is changing, as it does, sometimes instantly, sometimes over eons. Our current trajectory suggests continued demise of our natural resources and serious challenges for humanity moving forward.

It can and is overwhelming at times.

We have a number of choices. The decision to change trajectory sits solely with us. Humanity. Yes, there are planetary events outside of our control, however, there is a whole lot within our collective control that we can do something about.

It will mean flicking the switch. Moving from how we currently 'do' to an approach that recognises and celebrates our interconnectedness. First it will require a shift in how we think – what we believe to be true, followed through with action.

The findings and proposed solutions highlighted in the Arohatia te Taiao initiative offer a refreshing and insightful approach to doing it local. Some of which is already happening!

The collective wisdom freely offered proposes a systems approach that is localised to meet the needs and desires of our local communities, recognising that local success can and will have a positive impact on the wider challenges that humanity faces.

There is a call to put te Taiao/the natural environment back at our centre. To recognise and learn to work with the flow of Mother Nature – a Te Ao Māori approach. **This simply acknowledges the interconnectedness and interrelationship of all living and non-living things.**

It will require a rethink. A move from take, use and dump to a circular system that takes into account and mitigates all aspects of the process. Ensuring a more harmonious flow that benefits both humanity and the planet that we rely on for survival.

Current approaches are incredibly siloed. If we consider our national approach to working with the environment (often seen as a resource) we have a number of central government agencies (such as the Department of Conservation and the Ministry for the Environment) and then local government who manage district plans and abide by the Resource Management Act. Then there is collective and private land ownership activity. What is the collective vision that brings these all together?

This initiative calls for 'community led; government facilitated.' It asks government to trust local communities to do what they know to be right. To localise local issues. This comes in the way of support via resource, expertise and appropriate infrastructure as mutually agreed. To respect what is locally valued and not apply a 'one size fits all' policy approach, rather policy that facilitates self-determination.

Such a localised approach can then address some of the key concerns highlighted in this document. As an example, being able to continue to grow and collect kai/food is a very real concern. This is due to impacts such as pollution, access, poor soils, the very real demise of the natural environment, etc. It is particularly highlighted as the cost of living increases and our reliance on chain stores, rather than fresh and local continues.

In a time when it can be argued that humanity has put itself at the top, to the demise of almost all other living things, it is time for a reset. When we consider that it is not money that makes the world go round, rather energy. And that all our energy comes from natural resources, it is time for a reset.

Promoting the benefits of a life connected to and living in accord with nature, will see a return to respecting and valuing all that we have, including each other. A 'wholeistic' systems approach that celebrates all as interconnected.

We all have a hand to play in this reset. As one of our rangatahi clearly articulated 'Be the leader'.

Tania McInnes
Project Lead



Part Two

“My hope is that our leaders will prioritise the environment when developing, knowing that a healthy environment is good for us as human beings and our community.

That the sea will be treated with more respect. That commercial forestry will not be increased.

That as iwi, we look to ways of increasing our income in ways that support our environment.

Looking to the future, not only the present.”

Key Findings

Kia ora Te Tai Tokerau leaders

On behalf of our Northland communities, it is a privilege to present findings and suggested local approaches to help mitigate the many challenges we as a region are currently facing. This document captures the kōrero shared from across Te Tai Tokerau with the Arohataia te Taiao project team.

There is a call to our leaders to ‘flick the switch,’ to reset our approach in how we interact with the natural environment. This challenge includes a move to community led; government facilitated. An approach which recognises that communities are connected, steadfast and knowledgeable - often holding the key to addressing local issues.

The findings have highlighted a perceived disconnect. In that much of humanity (mainly non-indigenous) see Papatūānuku as a resource, rather than a living breathing entity. Our silo'd activity in how we interact does not help, in that there is not one overarching approach, rather it is divvied up (think public, private, local government, central government). Findings show this needs to be remedied.

We are incredibly grateful to those who took precious time to connect with us (via the survey, hui or both). Their passion and commitment for the future of our taiao gives hope to a world on the brink. It may be this report does not do justice for all the inspired ideas that have been shared. Aroha mai. This is not intentional, rather a need to prioritise in a complex environment. Please be encouraged to continue to move these ideas forward regardless.

Papatūānuku is our home. It is vitally important that te Taiao is at the centre of our decision making and not an afterthought. Humanity's survival depends on it. *By reconnecting and treating her with respect and aroha, we not only give hope to a more flourishing environment but also a healthier and happier humanity.*

Note: all quotes shared within this report are from people that completed the survey.

Overview of Findings

78% of the 1,000 odd survey respondents indicated they are worried about Northland's Taiao/natural environment. This was endorsed during Stage Two - community hui/workshops.

"Humankind has decimated our taiao. We need an overhaul, to reestablish living ecosystems, and reverse our impacts that are fueling climate change."

"We're in deep, and need to focus on advocacy, behaviour change, policy and policing to get us back on track."

Being able to grow and/or gather kai/food rated number one as 'most important' currently and number one and two for future hopes. This was reiterated in the workshops, with it being the number one priority moving forward.

"If we lost the ability to grow our own food, gather food and do so with healthy moana and whenua, that would be my greatest anguish."

"A return to more localised, small scale farming and horticulture units providing as much quality food as possible to local markets, before exporting and not importing anything which can be produced in Aotearoa. All residents practising aroha, respect and care for themselves, their neighbours and te taiao."

Over 85% of respondents rated 'very important' across all seven aspects of our Taiao (healthy moana, awa, ngahere, takutai, whenua, hau, native wildlife and oneone).

"Priority number 1. NZ truly being clean and green. Ngahere regeneration, more marine sanctuaries, clean air, low carbon, clean tech, grandchildren's future secure and prosperous."

Overview of Findings

Loss of ngahere/forest, pollution (rubbish being a big one) and poisons were top concerns within the survey. Invasive weeds (including pine), predators/pests and overfishing (particularly during the holiday season) are also highlighted.

"I hope to see dramatic changes in the way society views their environment, and that it must be protected not exploited. Everything is connected, ourselves and our taiao, ngahere, our manu, our moana, etc. I am hopeful we can achieve a balance between economy and environmental protection, where neither are compromised, and both are sustainable."

For a variety of reasons, access to the Taiao is a key concern. There is encouragement for appropriate access as it contributes to growing knowledge, while providing opportunity for greater appreciation.

"I am concerned that there is very minimal public access (other than beaches) to bush and walks etc and there is not enough plans to make more. I believe this access will make our communities more connected to our environment so more likely to take action to protect it."

Nearly one third of survey respondents highlighted the need for a Te Ao Māori approach, one of respect, care and unified collaboration. This was clearly endorsed during community hui. All is interconnected – we are one.

"He pai rawa te mauri me te wairua o te taiao, he pai rawa te mauri me te wairua o ngā tāngata e noho pātata ana ki ēnei wāhi. He ora pai mō te katoa!"

The mauri and wairua of the environment is very good, and the mauri and wairua of the people who live near these places is very good. A good life for everyone!

*Taiao ora, Tangata ora.
The wellbeing of people is dependent on the wellbeing of the environment.*

Overview of Findings

Many of the community hui reflected on why we are where we are, noting that 20% in the survey indicated that they thought the environment was fine/didn't know. The general consensus was a sense of a disconnection, seeing the Taiao as separate from humanity.

"Unless it personally impacts on people it's out of sight out of mind."

"It is my hope we can get the people reconnected to the land and sea, becoming self-sustaining, feeding themselves and getting enough from their efforts to live, while nurturing and improving the land and sea in their role as guardians."

Finally, a call that we all (including government) prioritise and protect the Taiao for future generations.

"That our capitalist society wakes up, that our value-system adjusts and we celebrate and treasure Taiao for its inherent value."

"Government over the last several decades has not thought or actioned enough about the big picture on caring for our environment or society, neglecting big infrastructure and long term goals."

"Greatest threat is the perpetuation of the societal operating systems based on the principle of property rights and individualism. The greatest opportunity is a societal shift to the principle of whanaungatanga; a relational respectfulness with all things."

* It is recognised there is likely survey bias. In that those who have an interest in the environment took the time to complete the survey and attend workshops. On saying that, 16% of respondents indicated they thought it was fine, which potentially demonstrates the gaps between peoples perceptions and what actually is (ie look out the window and it looks healthy).

Key Challenges

Challenges identified in the survey were discussed and prioritised during Stage Two - community hui. These are summarised below, as the ten priority challenges that need addressing. Section Three offers local solutions to these challenges.

There were a raft of other challenges and proposed solutions identified.

	PRIORITY CHALLENGE	ISSUES
1.	<p>KAI/FOOD (growing/gathering)</p> <p>* Not just humans – native wildlife too</p> <p>#1 importance in survey</p>	<ul style="list-style-type: none"> - Many communities rely on hunting & gathering - Access to local, fresh & affordable - Poisoning of kai moana (pollution) - Structure development on arable land - Greed & over collecting - Locals vs visitors (visitors 'stocking up') - Loss of knowledge to grow - Reliance on supermarkets/imports
2.	<p>CONNECTION to te Taiao/the natural environment</p>	<ul style="list-style-type: none"> - Perceived disconnect for many from Taiao - Lack of understanding of current state (survey demonstrates about 20% think its fine/aren't sure) - Lack of understanding that all is connected - Seen as a resource (taking, plundering, disrespect, etc) - Challenges in accessing (#2 of importance in survey)
3.	<p>LACK OF LOCALISM</p> <p>(Collective decision making)</p> <p>#5 biggest fear in survey – development</p>	<ul style="list-style-type: none"> - Government not utilising local knowledge - Feeling of 'doing it to us' - One size does not fit all - Taiao not prioritised (lack of economic drivers in environmental protection)
4.=	<p>POLLUTION (chemicals, littering, etc)</p> <p>#2 biggest fear in survey</p>	<ul style="list-style-type: none"> - Illegal dumping & littering (lack of care/don't care) - Sediment build up - Dumped cars, rubbish, run off from roads entering waterways - Food waste (school lunches an issue) - Artificial fertilisers & chemical additives

Key Challenges Cont.

	PRIORITY CHALLENGE	ISSUES
4.=	KĀINGA/HOUSING (safe & secure)	<ul style="list-style-type: none"> - Not having a permanent home (when in survival mode the brain doesn't have space to think about wider issues)
6.=	KŌRERO TUKU IHO Intergenerational knowledge	<ul style="list-style-type: none"> - Ignoring/loss of indigenous knowledge in mainstream
6.=	TAIAO COLLAPSE (incl. pests, weeds, etc) #1 biggest fear in survey – loss of Taiao #4 biggest fear in survey – pests #6 biggest fear in survey – invasive weeds	<ul style="list-style-type: none"> - Canopy collapse a real possibility - Pest/invasive weeds a massive issue (stop seeds spreading) - Huge reliance on volunteers - Animals in the ngahere (dogs, pigs, livestock) - Lack of attention to Stewardship land - Inaction – expectation 'someone' else will fix it
8.	ENERGY RESILIENCE	<ul style="list-style-type: none"> - Reliance on fossil fuels - Lack of recognition that all energy comes from nature
9.	MARINE DEGRADATION	<ul style="list-style-type: none"> - Overfishing - Seen as a resource/playground only - Commercial activity too close to shore
10.	CLIMATE CHANGE (local approach) #3 biggest fear in survey – impact	<ul style="list-style-type: none"> - Global impact - Overwhelming for many - Lack of local leadership

The following challenges were also identified during workshops.

OTHER PRIORITIES	NARRATIVE
OVER-TAKING OF RESOURCE	<ul style="list-style-type: none"> - Replace what we take - Reuse, recycle, reduce
COMMUNICATION/EDUCATION	<ul style="list-style-type: none"> - Providing hands on 'experiences' in the Taiao, especially for rangatahi - More engaging marketing to promote good practise - Encourage storytelling, the principles of Ta Ao Māori to teach - Focus on having fun (so learning comes easily) - Lead by example
GROWING & LAND USE (such as dairy to horticulture or pine)	<ul style="list-style-type: none"> - Importance of relevant and holistic district plant - Appropriate crops for soils - Permaculture approach - Regulations 'kill' small growers - Intensification where there is appropriate water storage - Importance of biodiversity - Long term strategy with community buy in - Natural vs artificial chemicals - Papakaianga made easy - Living walls on buildings
WASTE & RECYCLING	<ul style="list-style-type: none"> - Less single use items - Improve labelling of recycling - Human waste recycling
KAITIAKI	<ul style="list-style-type: none"> - Encouragement of local Kaitiaki – local legislation (social housing, green space, communal gardens, etc)
ACCESS	<ul style="list-style-type: none"> - Public Park 'n' drive (access to beaches) - More public transport - Increase walkways
GENERAL	<ul style="list-style-type: none"> - National tree hugging day (forest bathing) - Thinking outside the 'silo' - Shorten the supply chain - Tax breaks for doing the 'right thing' environmentally - Good measures = local input/output vs national/global input/output

Part Three

Working to highlight that environment is number one, and economics is second.

The environment can no longer come last – Environment – People – Economics.

Proposed Solutions

It is recognised that trying to address just one of the many challenges on our planet can be really overwhelming. The following inspired solutions and ideas offer a tangible approach, endorsing local, while recognising the ripple effect – one impacting on another.

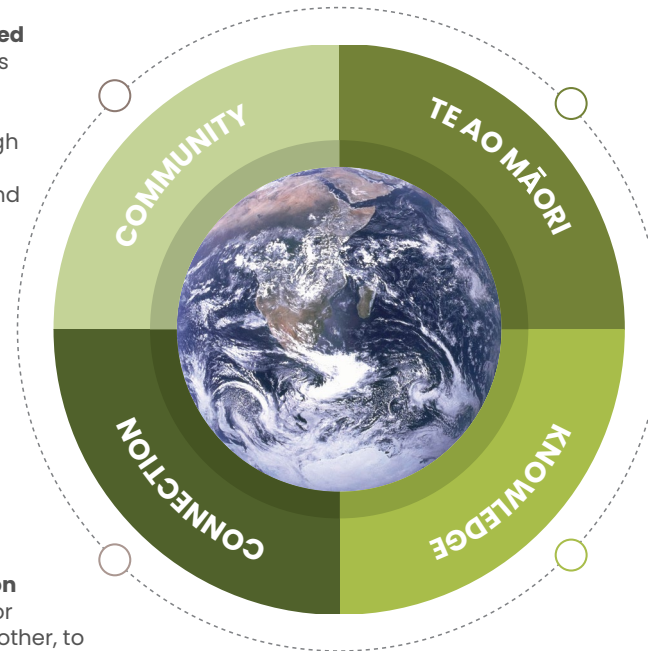
The solutions provided offer the ‘what,’ as in what to do. The ‘how to do’ is the next step (outside of this kaupapa).

Community led, government facilitated

Trust our communities to know what’s best for them. Encourage empowerment through resource support, knowledge sharing and advocacy depends upon it.

Encourage connection

Provide opportunity for connection. To each other, to the natural environment. It is healing, uplifting and our future depends upon it.



Endorse a Te Ao Māori approach

The Māori world view (Te Ao Māori) acknowledges the interconnectedness and interrelationship of all living and non-living things. As one person put it ‘a wholeistic’ approach. All of humanity will benefit from this approach.

Focus on education/knowledge sharing

Using all opportunities to upskill, share and inspire. Making it easy to access information. Sharing success.

PRIORITY	LOCAL SOLUTIONS
<p>GROWING & GATHERING KAI/FOOD</p>	<ul style="list-style-type: none"> - Community gardens/communal planting/food exchange/markets - Circular educational workshops around growing/harvesting kai - Promote local, seasonal, seed banks - Discontinue construction on arable land (protect good soils) - Designate areas for hunting (separate from native forests) - Promote & enable composting
<p>CONNECTION to te Taiao/the natural environment</p> <p>RECOGNISING Kōrero Tuku Iho (Intergenerational knowledge)</p>	<ul style="list-style-type: none"> - A fun & inclusive annual roadshow to share and promote sustainable practises, using local knowledge and other experts - Use the 'arts' to grow knowledge & understanding - Prioritise easy public access to te Taiao - Get youth involved at every opportunity - Develop inclusive community hubs (connects, time bank, research) - Facilitate connection through the journey (not just at the end)
<p>GOVERNMENT ACTION</p> <p>#5 biggest fear in survey – development</p>	<ul style="list-style-type: none"> - Endorse & deliver on a Localism approach - Central government policy that 'facilitates' local – self determination - A responsive system! - Fund Community Champions/Kaiarahi - Ensure collective decision-making with communities - Ensure strategy/policy has Taiao at the centre - Prioritise resource for environmental education/activities - Protect soils, public access - Make it easy for people to do the right thing (incentives) - Emissions Trading Scheme must include natives & discourage new plantings of Pinus Radiata - Train in holistic Management/decision making approaches
<p>POLLUTION/RUBBISH (chemicals, littering, etc)</p> <p>#2 biggest fear in survey</p>	<ul style="list-style-type: none"> - Full review of waste management approach (focus on less waste) - Incentivise good behaviour - Use natural alternatives to chemicals - Make recycling free across all districts (and better educate) - Community pick up rubbish days (youth led) - Reuse, Recycle, Reduce - Be the leader! Identify & enable champions.

PRIORITY	LOCAL SOLUTIONS
<p>KĀINGA/HOUSING</p>	<ul style="list-style-type: none"> - Priority on housing - Sharing resources (ie tools, knowledge, seeds) - Using it while developing it - Models of welfare/well-being utilised in design - Korowai of kaitiaki
<p>TAIAO COLLAPSE (incl. pests, weeds, etc)</p> <p>#1 biggest fear in survey – loss of Taiao</p> <p>#4 biggest fear in survey – pests</p> <p>#6 biggest fear in survey – invasive weeds</p>	<ul style="list-style-type: none"> - Prioritise the ngahere/forest! - Focus on regeneration activities - Incentivise/increase paid pest control - Plant more natives, remove weeds - Introduce birth control for pests - Encourage more volunteer involvement - More riparian restoration
<p>ENERGY RESILIENCE</p>	<ul style="list-style-type: none"> - Promote & enable active transportation (walking/cycling) - Adopt bio-diesel approach (FastOx an option)
<p>MARINE REGENERATION</p>	<ul style="list-style-type: none"> - Implement regeneration projects, such as kelp - Protect existing kelp forests - Introduce more 'no fishing' zones and times (such as spawning) - Review quotas (change to daily rather than per trip) - Fun activities to remove invasive species (ie, kina hunt) - Ban freezing fish (particularly at camp grounds) - Harsher punishments
<p>CLIMATE CHANGE</p> <p>#3 biggest fear in survey – impact</p>	<ul style="list-style-type: none"> - Think global, act local - Appropriate government regulations - Engage and educate - Action on above initiatives will feed into this

What does success look like?

HOPE-FILLED
CLEAN BEACHES
WORLD LEADERS **FLOWERS**
Eco projects **Clean air**
KNOW OUR NEIGHBOURS
FLOURISHING ENVIRONMENT
Te Ao Māori Celebrated

Natural
Having FUN
PEST FREE
ORCHARD IN THE BACKYARD
Strong
WE ARE PART OF NATURE NOT APART FROM NATURE

self-sustaining
HEALTHY PEOPLE
WE'RE OUTDOORS
THRIVING MARINE ENVIRONMENT
LOCAL OWNERSHIP
Interconnected
COMMUNITY GARDENS
THE HOW IS EASY

Interconnected

Part Four

Taiao ora, Tāngata ora.

The wellbeing of people is dependent on the wellbeing of the environment.

Key Survey Findings

The following data provides key highlights collected from the survey (Stage One), undertaken late 2021, early 2022. This data was shared at the beginning of each workshop (Stage Two). The general consensus being that the survey findings did represent the community's current understanding.

To view the full survey findings, please click [HERE](#).

1. How do you feel about the current state of our Taiao here in Te Tai Tokerau Northland?

919 people responded to this question. A total of 718 (78%) respondents said that they were worried about the current state of our Taiao.

How do you feel about the current state of our Taiao here in Te Tai Tokerau Northland?

144, 16% 57, 6%



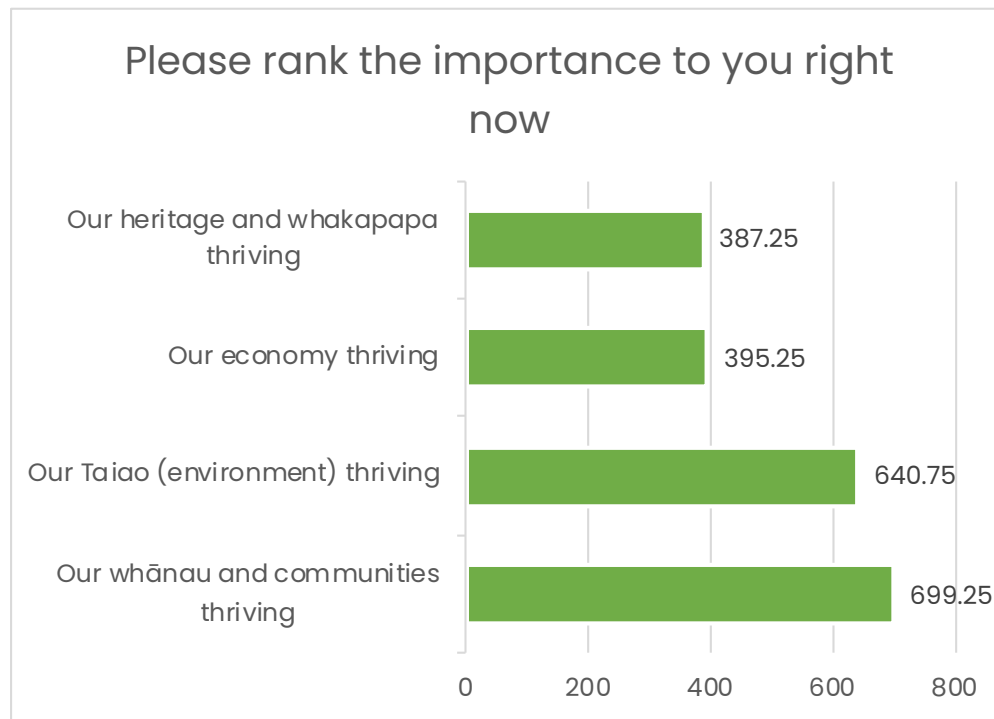
718, 78%

■ I don't think about it ■ I'm worried about it ■ It's fine

Key Survey Findings

2. Please rank the importance to you right now

850 people responded to this question. 'Our whānau and communities thriving' was ranked the most important by respondents (AVERAGE: 699.25, 33%). Followed by 'Our Taiao thriving' (AVERAGE: 640.75, 30%), 'Our economy thriving' (AVERAGE: 395.25, 17%) and 'Our Heritage and whakapapa thriving' (AVERAGE: 387.25, 18%).



"I want my moko to grow up knowing and having access to te Ao Māori, going to the beach and gathering kai, looking out in any direction and seeing the ngahere full of natives and manu (and not houses houses)."

"I would love to see many generations enjoy our stunning landscape. To live and learn in this area is a gift. I hope it continues to be this way. Access to the environment is essential to be connected and therefore care what happens next. Being able to gather kaimoana is a gift to many people around the world. So it needs to be protected so it can continue to be a gift."

3. Please rate the importance to you right now regarding the health of our taiao

809 people responded to this question. Of those who responded, most indicated that all aspects of our Taiao were very important to them (AVERAGE: 721, 89%).

	Not important to me		Somewhat important to me		Very important to me	
	N	%	N	%	N	%
Healthy moana and awa (waterways for drinking, seas, harbours, and rivers)	7	1%	55	7%	746	92%
Healthy ngahere (forests)	13	2%	93	11%	702	87%
Healthy takutai (beach or coast)	4	0%	62	8%	742	92%
Healthy whenua (land)	5	1%	80	10%	723	89%
Healthy hau (fresh air to breath)	7	1%	61	8%	740	91%
Healthy native wildlife	7	1%	93	11%	708	88%
Healthy oneone (soils)	9	1%	112	14%	687	85%

“Unless everyone, regardless of origins, can work together, then my great-grandchildren will probably be the last generation, as Climate Change will -with droughts, storms, fires and floods - destroy the planet as we know it.”

“Lots of people moving north scares me. We don’t have the infrastructure for this and we haven’t got the protection on our taiao that we need. The state of our Moana scares me. It has been extremely overfished and we need more marine reserves (like the poor knights).”

“I hope that the air and water is clean and the whenua unpolluted.”

4. Please rate the importance to you right now regarding access

804 people responded to this question. Of those who responded, most indicated that all aspects listed below were very important to them (AVERAGE: 530, 66%).

	Not important to me		Somewhat important to me		Very important to me	
	N	%	N	%	N	%
Growing our own kai (plants and livestock)	32	4%	247	31%	524	65%
Catching and gathering kai (hunting, fishing, shellfish, foraging)	98	12%	257	32%	448	56%
Easy access to our Ngahere (forests)	43	5%	266	33%	494	61%
Easy access to our Takutai (beach or coast)	22	3%	128	16%	653	81%

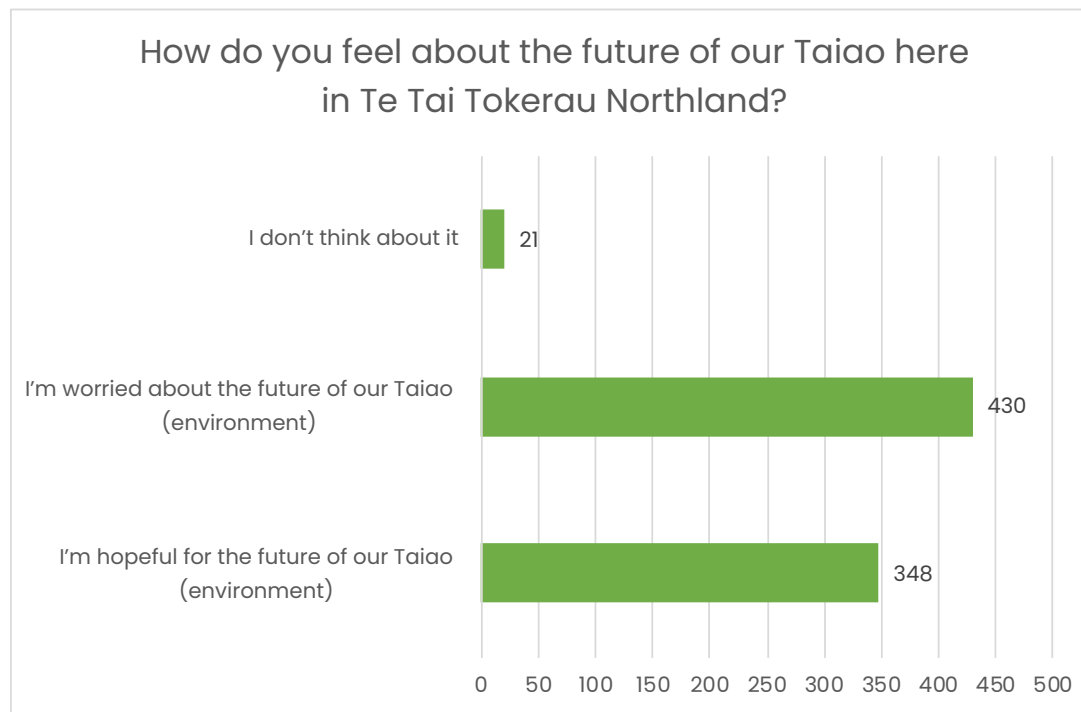
"I worry for our children's future environment everyday."

"I fear my tamariki will suffer greatly...kai in general will diminish slowly, kaimoana will be harder to gather if we don't intervene now."

"I hope to see dramatic changes in the way society views their environment, and that it must be protected not exploited. Everything is connected, ourselves and our taiao, ngahere, our manu, our moana, etc. I am hopeful we can achieve a balance between economy and environmental protection, where neither are compromised, and both are sustainable."

5. How do you feel about the future of our Taiao here in Te Tai Tokerau Northland?

A total of 799 people responded to this question. Of the 799 people that responded, 430 (54%) said that they were worried about the future of our Taiao, 348 (44%) said they were hopeful for the future of our Taiao, and 21 (3%) said that they don't think about the future of our Taiao.

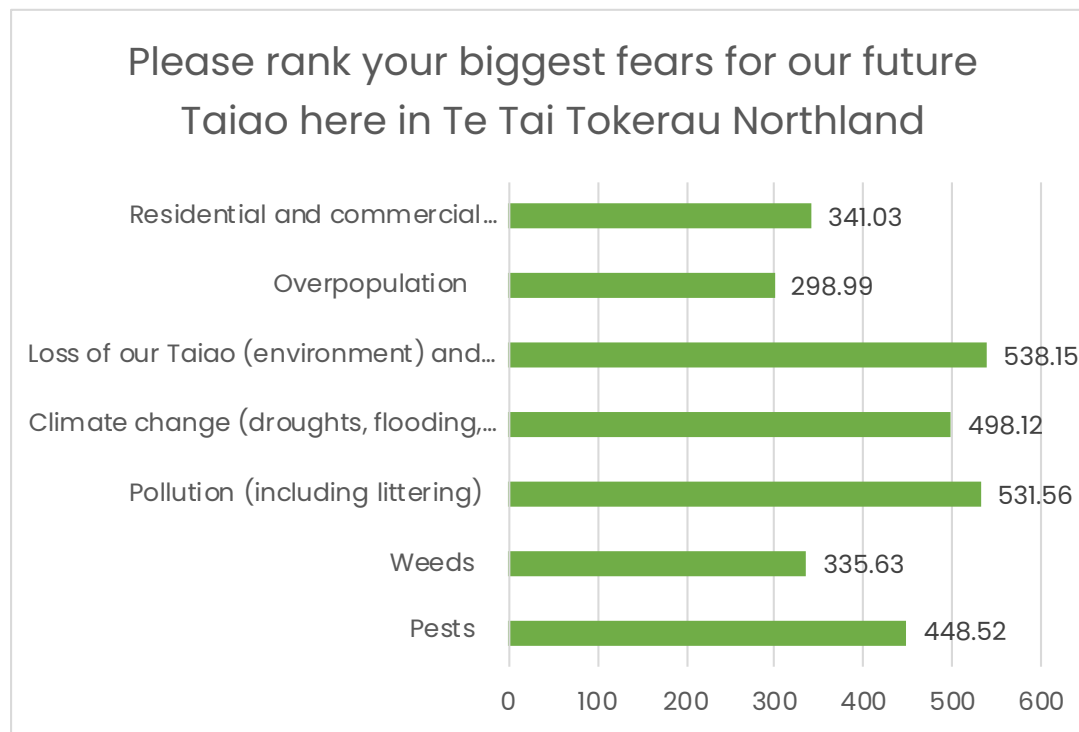


"The mauri and wairua of the environment is very good, and the mauri and wairua of the people who live near these places is very good. A good life for everyone!"

"If we all focus on solutions and we are on the same path and mind. Collected and connected to te taiao. Education and understanding our taiao. Respect and showing not saying how to protect and maintain sustainable naturally"

6. Please rank your biggest fears for our future Taiao here in Te Tai Tokerau Northland

A total of 749 people responded to this question. 'Loss of our Taiao and natural habitat', 'Pollution' and 'Climate Change' were ranked the top 3 biggest fears.

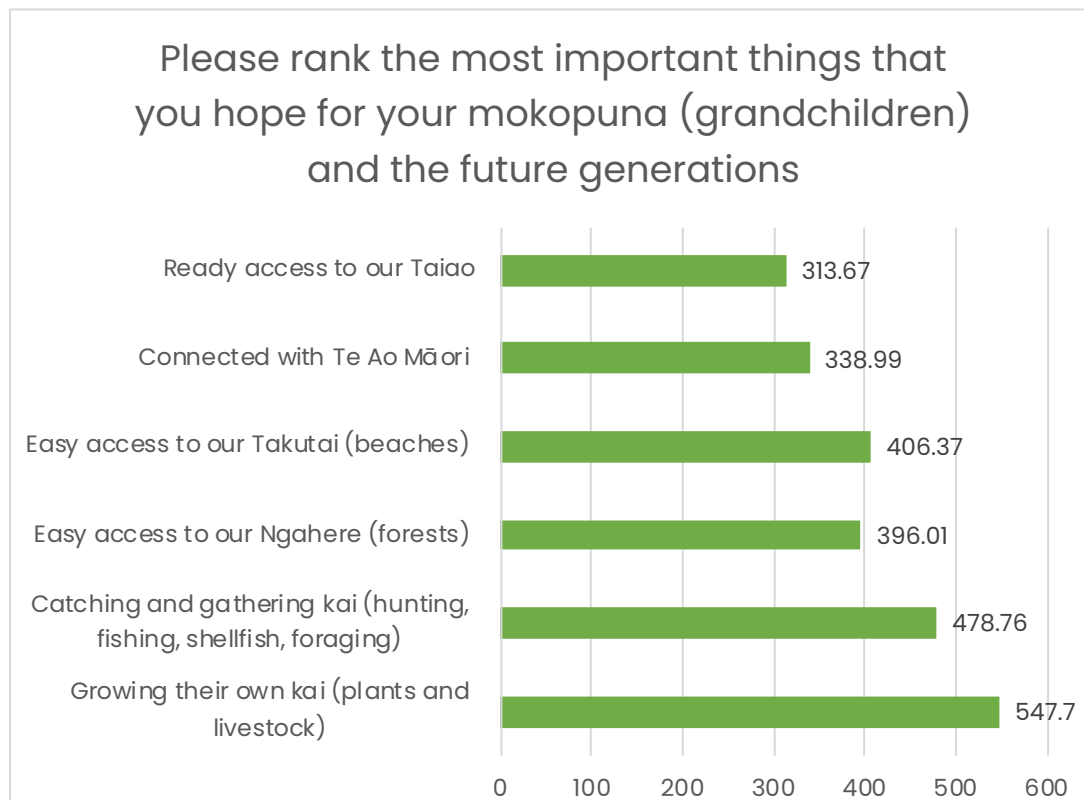


"Taiao! I just don't know where to start ! Stop driving on the beaches! This would lessen the devastation and pollution that humans leave behind them and stop advertising driving in the beaches as a good thing!"

"My hope is that our leaders will prioritise the environment when developing, knowing that a healthy environment is good for us as human beings and our community. That the sea will be treated with more respect. That commercial forestry will not be increased. That as iwi, we look to ways of increasing our income in ways that support our environment. Looking to the future, not only the present."

7. Please rank the most important things that you hope for your mokopuna (grandchildren) and the future generations

710 people responded to this question. 'Growing their own kai' (AVERAGE: 547.7, 22%), 'Catching and gathering kai' (AVERAGE: 478.76, 19%) and 'Easy access to our Takutai/beaches' (AVERAGE: 406.37, 16%) were ranked as the top 3 most important things that people hope for their mokopuna and the future generations.

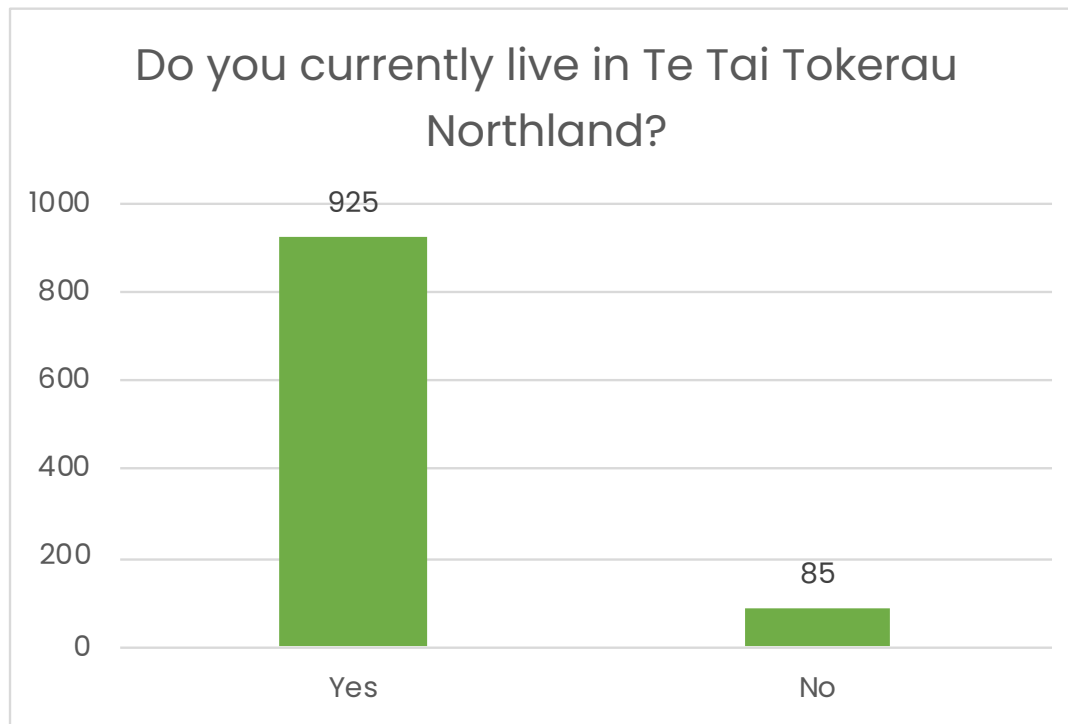


"I hope our refuse is better managed. I hope our Kai moana is better protected from over fishing. I hope our land is better used to prevent pollution and depletion of our soils. I hope organic farming is encouraged."

"Priority number 1. NZ truly being clean and green. Ngahere regeneration, more marine sanctuaries, clean air, low carbon, clean tech, grandchildren's future secure and prosperous."

8. Do you currently live in Te Tai Tokerau Northland?

A total of 925 people responded to this question. Of those who responded, 773 (92%) live in Te Tai Tokerau Northland, and 85 (8%) live outside of Te Tai Tokerau Northland.



"We need wild places. We need places that are seed banks for Papatūānuku so if people leave this earth the earth can rejuvenate. People have taken so much, go so many places, now just by being there they upset balances no matter how careful they are. Population growth puts immense pressure on the natural resources."

"We need to tackle poverty first. Without the ability for our communities to feed and house themselves there will be no desire to protect the environment."

Part Five

*Ko au te Awa ko te Awa
ko au.*

*I am the river and the
river is me*

About Arohatia te Taiao

This independent initiative came about through the recognition that our community voice in Te Tai Tokerau needed to be more clearly heard, articulated and actioned upon within regional strategy.

That *local solutions*, to the very real challenge of decline in the health and wairua of our Taiao/natural environment, needs to be encouraged and empowered, working alongside a national approach.

Arohatia te Taiao is a pilot project, championed by Te Rūnanga Papa Atawhai o Te Tai Tokerau/Northland Conservation Board (The Board) and is led by a Project Team. Noting that the Board is not part of the Department of Conservation.

THE PROJECT WAS RUN IN THREE STAGES:



Stage One

Online survey and
initial Focus Groups
(completed)



Stage Two

Community kōrero on
preliminary findings
(Apr – May 22)



Stage Three

Completion and distribution of
report/findings
(June 22)

Project Aim

To identify key priorities while articulating Northlanders' aspirations for our Taiao. That information collected provides a strong foundation and community voice for Te Tai Tokerau planning, strategy and action. Goals include:

- Bringing people together to connect, learn and grow;
- Develop a vision of what the future of 'conservation' looks and feels like;
- Clarifying key priorities for our natural environment; and
- Creating a strong foundation to assist funders and policy-makers in planning and decision-making

The Arohatia te Taiao Team

Te Rūnanga Papa Atawhai O Te Tai Tokerau/ Northland Conservation Board

Lydia Draper – Acting Chair
Edward Ashby – Member
Georgina Garon – Member
Kayla Raines – Member
Nyree Porter – Member
Robert (Blue) Newport – Member



Project Team

Carla Dixon-West – Administrator
Marty Robinson – NRC Councillor
Nyree Porter – Board Member
Tania McInnes – Project Lead & Author
Taria Tane – First Project Coordinator
Blah Blah Marketing – Marketing & Administration

Contact details

Website: www.arohatiateaiao.kiwi
Email: arohatiateaiao@gmail.com

Special Acknowledgement

to the Department of Conservation
for their support of this kaupapa.

*Ko Rangī – Ko Papa – Ka puta – Ko Rongo – Ko Tāne Mahuta – Ko Tangaroa – Ko Tūmatauenga – Ko Haumietikitiki
Ko Tāwhirimātea – Tokona Te Rangī ki runga – Te Papa ki raro – Ka puta Te Ira Tangata ki Te Whai Ao Ki Te Ao Mārama
E rongo whakairia ake ki runga – Tūturu whakamaua Kīa Tina! Tina! Haumi e hui e!*

Glossary

TE REO MĀORI TERM	ENGLISH TERMINOLOGY
TAIAO	Natural environment
KAUPAPA	Topic, purpose, proposal, agenda, subject, theme, initiative.
KŌRERO	Narrative, discussion, conversation, statement, information.
TE AO MĀORI	Māori world-view
AWA	Waterways
MOANA	Ocean/sea
WHENUA	Land
NGAHERE	Forests
ONEONE	Soils
HAU	Air
TAKUTAI	Beach/coastlines
PAPATŪĀNUKU	Earth Mother
RANGI-NUI	Sky Father
TANGATA WHENUA	Indigenous people of a particular area/the country as a whole
RONGOA	Traditional Māori medicine
WAIRUA	Spirit, soul (non-physical)

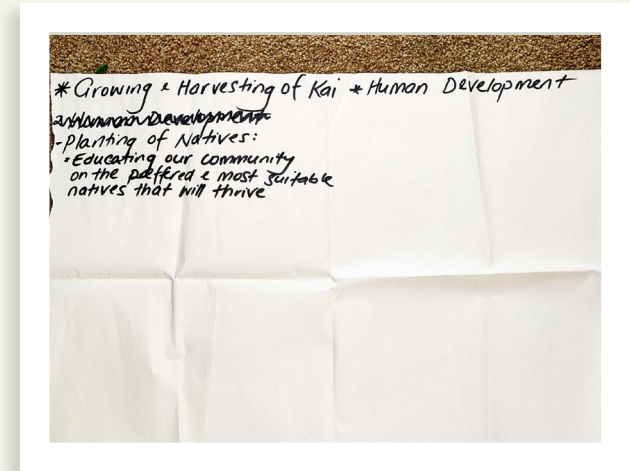
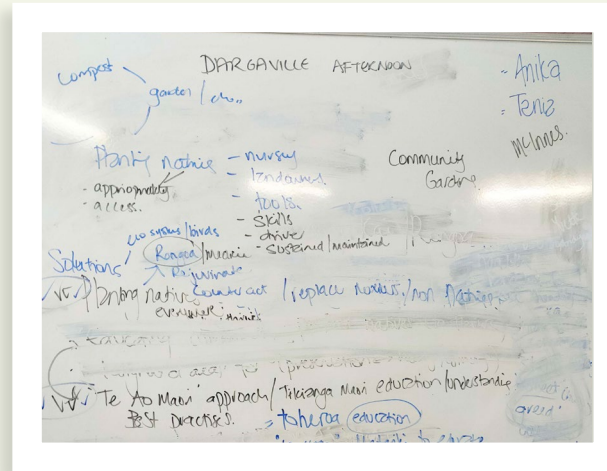
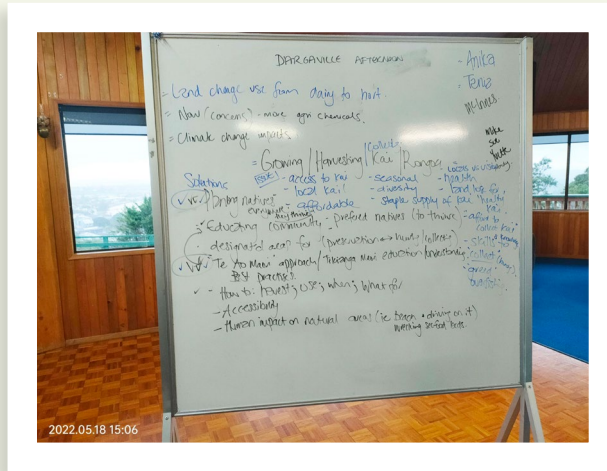
(My hope) "Taking my mokopuna to a thriving ngahere, with bird song so loud you need to raise your voice to talk and a forest floor so dense you have to stick to the tracks. Kauri standing tall, sea birds returning to nest in the forest..." hui e!



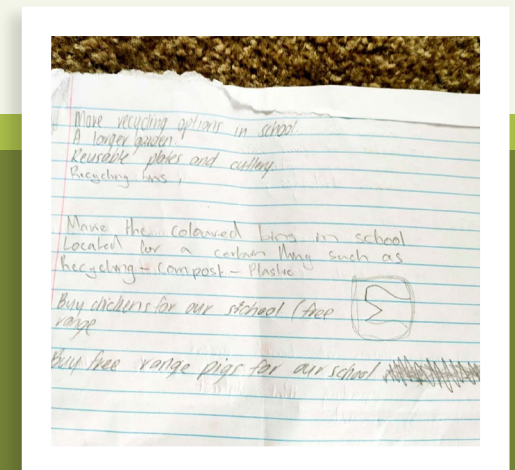
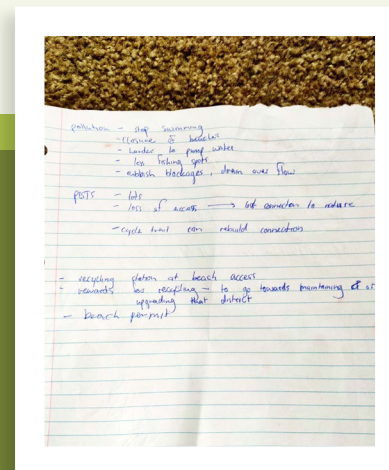
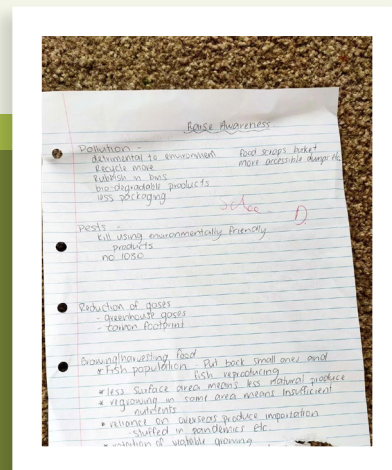
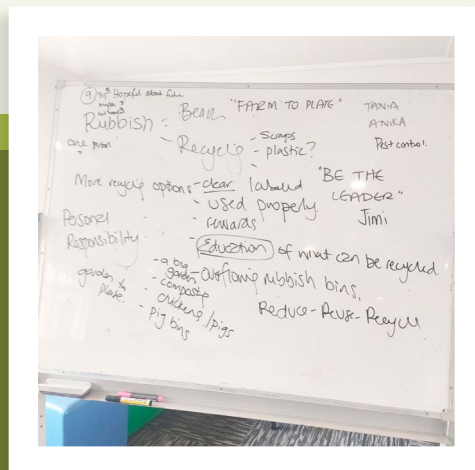
Useful Links

NAME	LINK
Arohatia te Taiao	Website: https://www.arohatiateaiao.kiwi/ Facebook: https://www.facebook.com/arohatiateaiao
Te Rūnanga Papa Atawhai O Te Tai Tokerau/Northland Conservation Board	Website: https://www.doc.govt.nz/about-us/statutory-and-advisory-bodies/conservation-boards/northland/ Facebook: https://www.facebook.com/NorthlandConservationBoardNZ
He Tangata, He Whenua, He Oranga/Tai Tokerau Māori Growth Strategy	https://www.northlandnz.com/northland-inc/resource-hub-documents/tai-tokerau-maori-growth-strategy/
Article: Effective Community Level Change	https://thehub.swa.govt.nz/resources/effective-community-level-change-what-makes-community-level-initiatives-effective-and-how-can-government-best-support-them/
Doughnut Economics	https://www.kateraworth.com/doughnut/
FastOx Gasification (emerging technology) Sierra Energy – powering communities with trash	https://sierraenergy.com/ https://www.youtube.com/watch?v=I6g4Da1ZMuY
Forest and Bird – Northland Forest	https://www.forestandbird.org.nz/campaigns/northland-forest-collapse

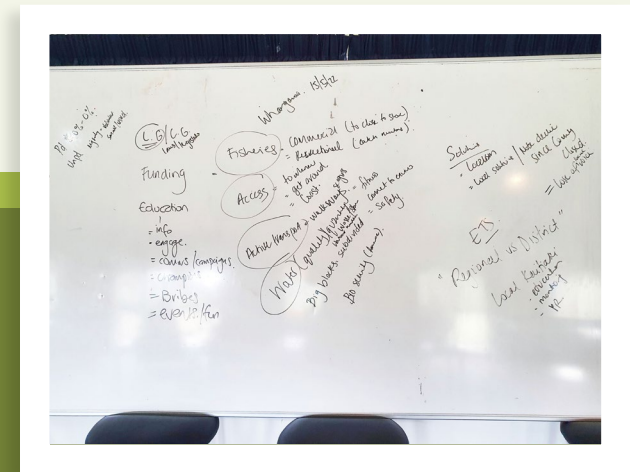
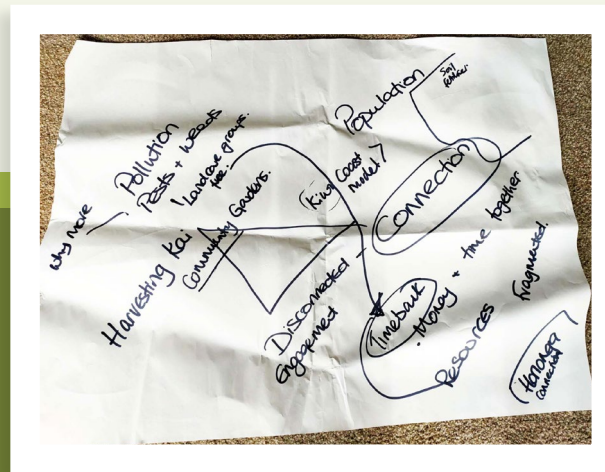
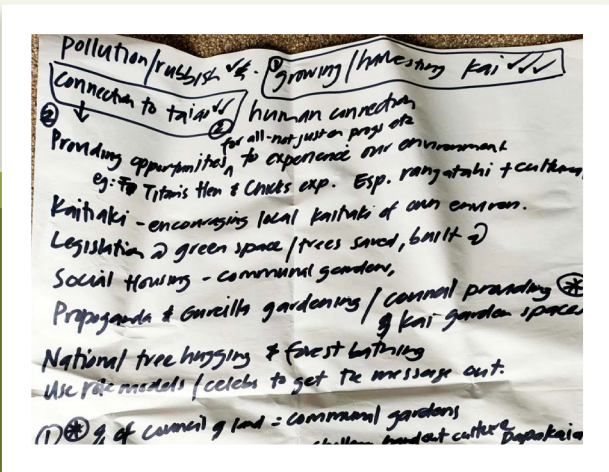
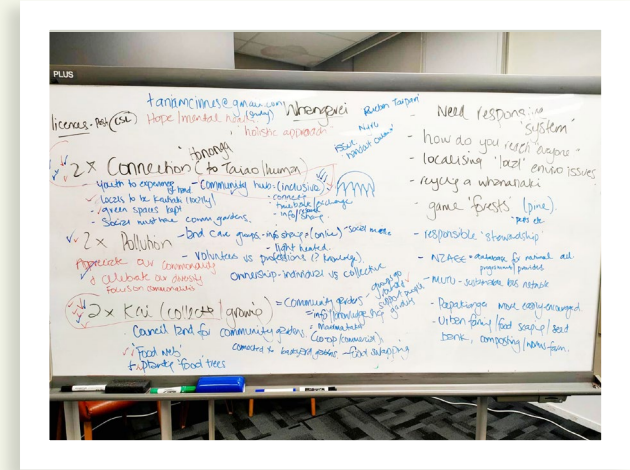
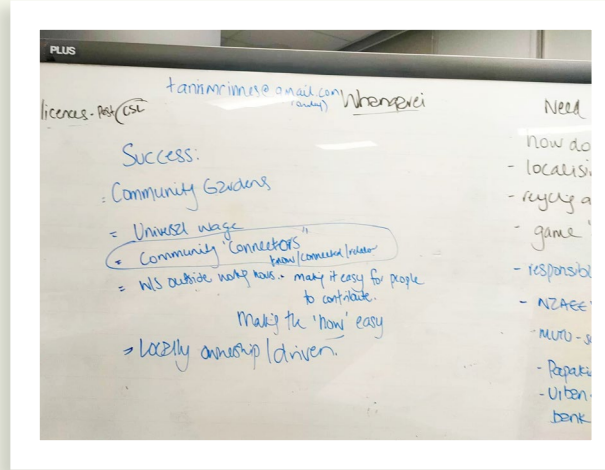
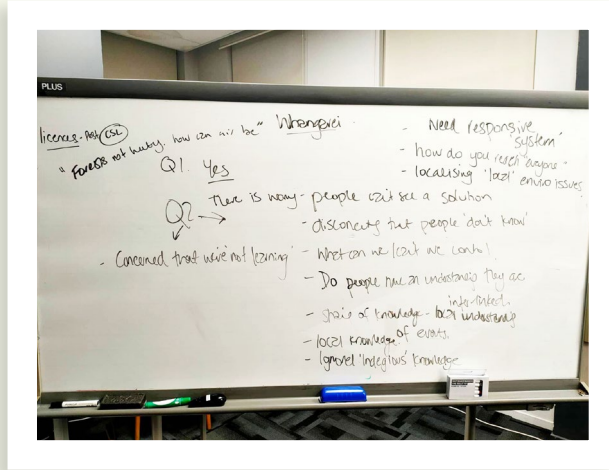
Dargaville Workshop



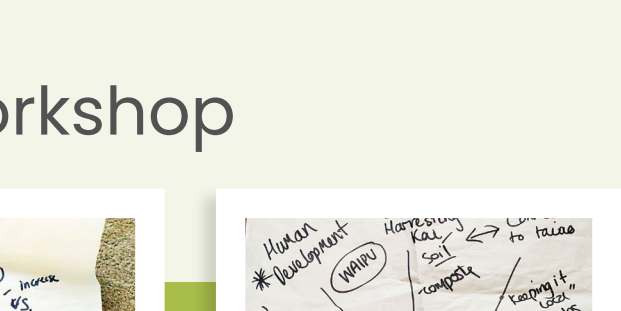
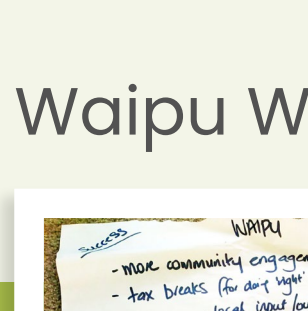
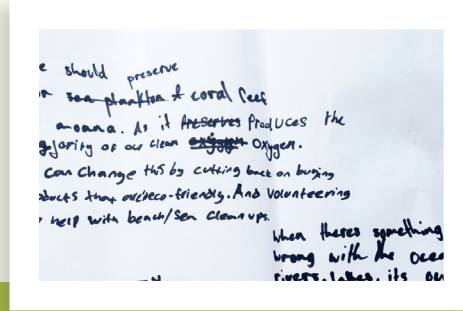
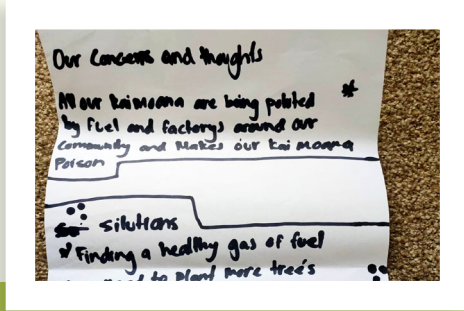
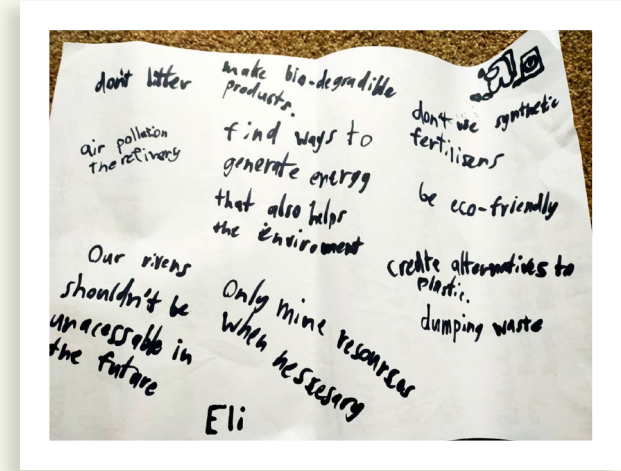
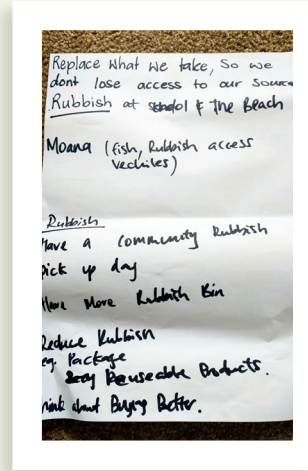
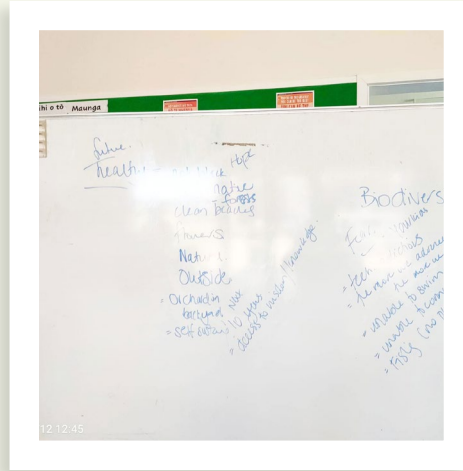
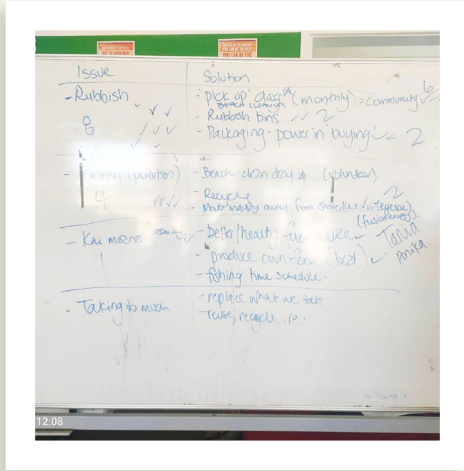
Dargaville High School Workshop



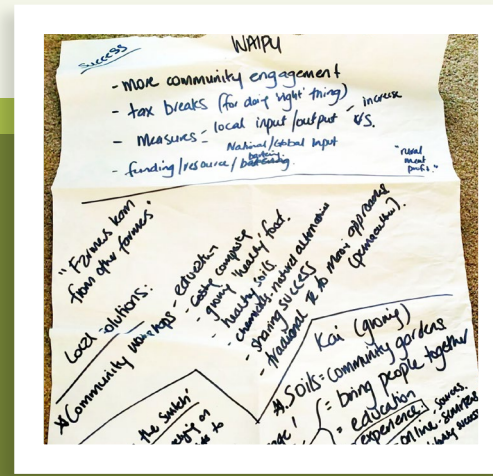
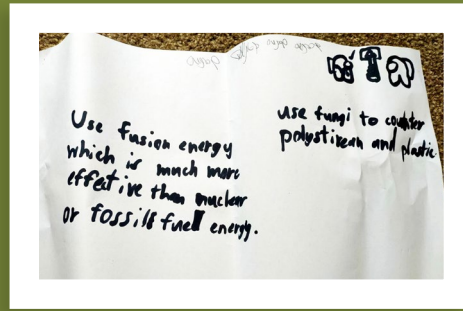
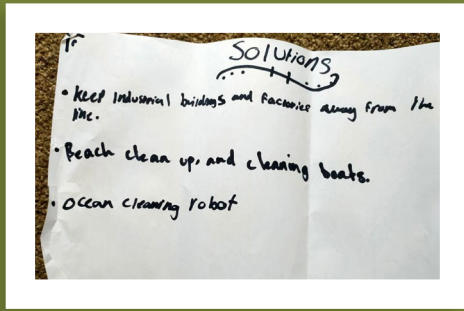
Whangarei Workshop



Bream Bay Workshop



Waipu Workshop



Kerikeri High School Workshop

Kerikeri Workshop

ISSUES

Risks

- Build/Construction
- Soil contamination - heavy metals
- Water contamination
- Access (to erosion)
- Needs
- Kau (domestic) tanks

Q1

Q2: Insects

Help about the environment

base on insect vs local

2022

- Pesticides
- Water
- Air
- Noise
- Light
- Soil
- Temperature
- Humidity

"KERIKERI" 5:30

Data reflects (milk) ^{100%}

Encouraging kids see way

Protect environment to thus grow food.

How well informed people are?

Next level.

Pine tree (growth)

Top 3 priorities?

Solutions

- Education

TANIA STEPH RUIKIA

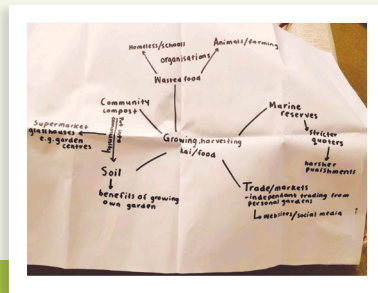
Possible Solutions

- ✓ **Organic** - appropriate land use/loop types
- ✓ **Recycle** - compost, education - knowledge to grow, pine on land
- ✓ **Connection** - all water, human water recycling, community
- ✓ **Pollution** - biodiversity, mix natural (human interaction), must space in nature
- ✓ **Infuse** - education, local people, share things, kids in school, encourage people to grow, pine on land
- ✓ **Disturbance** - education, local people, share things, kids in school, encourage people to grow, pine on land
- ✓ **Climate Change** - education, local people, share things, kids in school, encourage people to grow, pine on land

TANIA STEPH RUIKIA

- Success

- Swimming rivers
- Mammal biodiversity
- Less pests
- diversity on land
- more native bush



- ✓ Water quality
- ✓ climate change
- ✓ Recycling
- ✓ Connection to taiao
- ✓ Infrastructure

< what we need >

1. Education - visual info
2. Community Involvement
3. Government Regulations

Growing food (ie animals)

- appropriate crops/plots - change
- support home growing
- ? fertiliser - phosphate
- Chatham Island overseas supply
- regulatory bill soil growth
- water storage
- lifestyle - improve
- connection to natural environment
- Diversification & Biodiversity
- Reserves - mix natural & human
- Education
- Strategic planning - lock in pl
- Change can not be immediate
- Community acceptance/buy in.
- Appropriate for the long term

pollution (Catch of the day)

- human development
- Loss of taiao
- waterways (pollution)
- overpopulation / refugees
- solution ideas
- district plans
- community need council
- water's stream
- lack of accountability
- what market

Needs

- Plant more helpful fast growing trees on buildings
- Use better/softer pestisides
- Create a group which removes dead needs
- Use alternatives of soil eg Stones/Bark/shells

Pests

Kerikeri High School Access

1050 - No effect on Environment

hat traps - & Dingo -

est tree zones - islands (human)

by people

sustainability

public transport

park and ride

Make more public Goods

People will use it!

Volunteer trapping -

Paihia Workshop

