

Noku te whenua, kei a au te korero  
Noku te whenua, ko au te Rangatira

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# TE TAUMATA GREEN PAPER SUBMISSION

Te Arapaerangi Future Pathways Green Paper 2021

TE TAUMATA

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# 1 Introduction



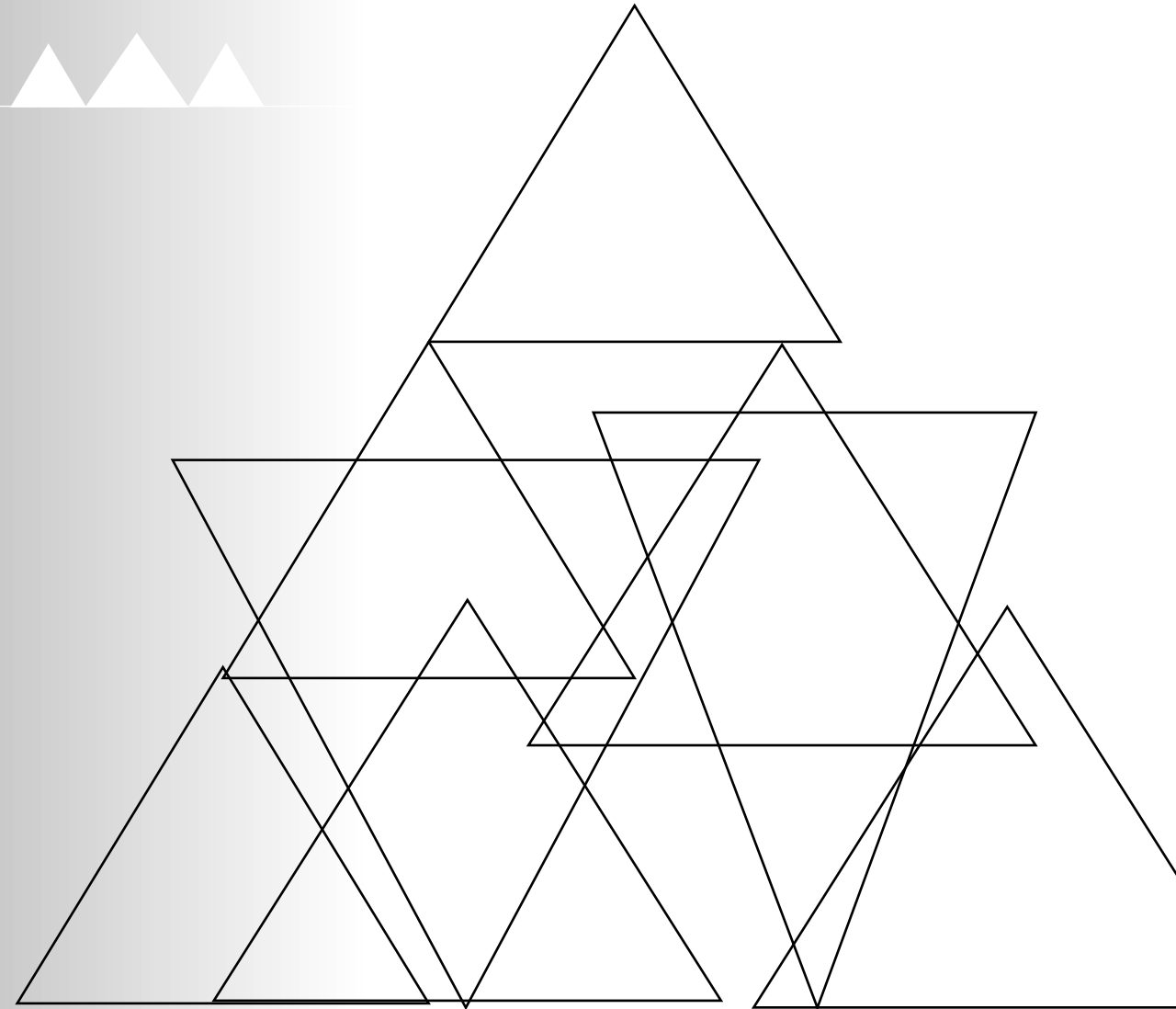
*Te Taumata has an ongoing interest in the Research, Science & Innovation sector as a voice of Māori to ensure throughout the developmental phases of the Green Paper the views of Māori individuals, businesses in and associated with the RSI sector are properly represented.*

*As a representative voice for Māori in Trade in Aotearoa, we want to ensure any further contributing factors to the Māori Economy are representative of wider voices and views. The science and research developed from this sector has the potential to dramatically impact the Māori Economy which is why we as Māori believe we should be involved not only as a voice but as a partner with the government to ensure our voice and views are being considered throughout all decisions.*

*We received insightful and informative feedback regarding the outlined questions in the [Green Paper](#) from 25 individuals and 7 businesses with an active interest or involvement with the RSI system whose involvement ranges from employees of CRI, researchers and Māori advocates to members of the public with an avid interest.*

## *II Research Priorities*

- 1. What principles could be used to determine the scope and focus of national research priorities?*
- 2. What principles should guide a national research priority-setting process?  
How can the process best give effect to Te Tiriti?*
- 3. How should the strategy for each research priority be set and how do we operationalise them?*





# Research Priorities



## *What principles should guide a national research priority-setting process? How can the process best give effect to Te Tiriti?*

- *Ensure Māori are given enough representation at these discussions*
- *Partnerships and active participation with Māori*
- *Open governance and partnership*
- *Mātauranga Māori as knowledge base, Kaupapa Māori research methodologies*
- *Protection, utilisation, Knowledge and Investment sharing*
- *Acknowledge and understand the potential differences in capability and needs of different iwi/hapū*
- *Iwi/hapū valued as partners in research programmes that extend beyond the funding framework – capability and capacity building*
- *Equal valuing of “other ways of knowing”*
- *Appropriate resourcing levels within projects that produce equitable outcomes and benefit sharing*
- *Appropriate acknowledgement of the sources of knowledge*
- *Research results communicated in a way that resonates with iwi/hapū*
- *Requirement to demonstrate their collective impact upon enhancing mauri or life supporting capacity*



# *Research Priorities*

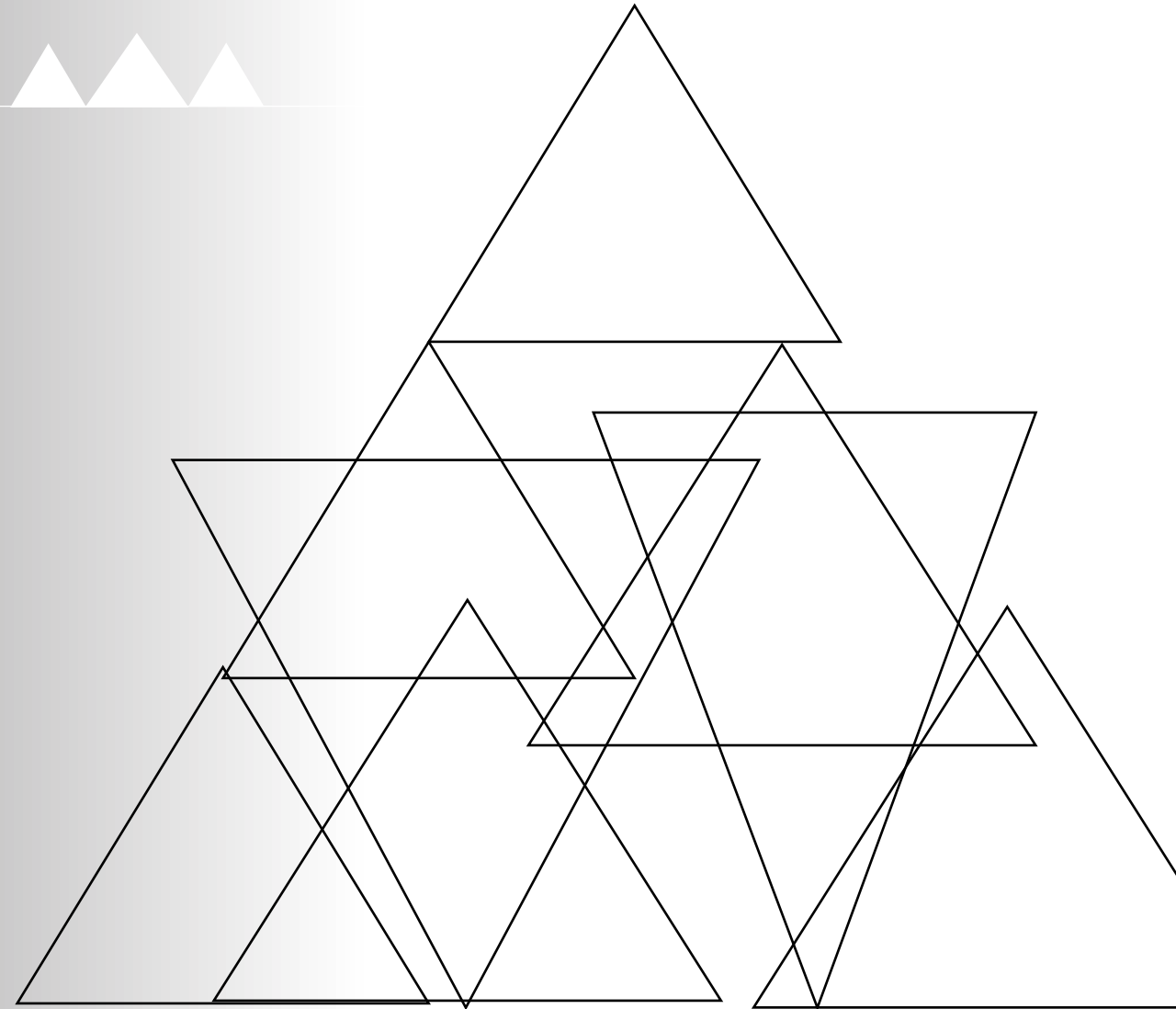


*How should the strategy for each research priority be set and how do we operationalise them?*

- *Target investment priorities with faster productivity growth*
- *Prioritise cost efficiency and best commercial outcomes*
- *Equal input from Māori throughout entire process*
- *Set KPIs*
- *Ensure strategy is filtered through Māori values to ensure results align with desirable economic, environmental, social and cultural outcomes*

### *III Te Tiriti, Mātauranga Māori and Māori Aspirations*

- 4. How would you like to be engaged?*
- 5. What are your thoughts on how to enable and protect Mātauranga Māori in the research system?*
- 6. What are your thoughts on regionally based Māori knowledge hubs?*





# *Te Tiriti, Mātauranga Māori and Māori Aspirations*

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## *How would you like to be engaged?*

*Most have expressed a desire to be continually kept up to date throughout the entire Future Pathways Programme process by virtual means, be that via newsletters, website updates or pānui, however, when the need to engage directly with iwi/hapū arises there is a strong preference for face-to-face engagement and direct communication with appointed Māori representatives. Currently iwi/hapū are pre-occupied with the affects of the COVID-19 pandemic dealing with the immediate needs of their people but would like to be kept in the loop via any direct means.*



# *Te Tiriti, Mātauranga Māori and Māori Aspirations*



## *What are your thoughts on how to enable and protect Mātauranga Māori in the research system?*

*There are a few aspects to consider to this, some Mātauranga Māori research should be undertaken by Māori in the early stages, however as research progresses there needs to be a mechanism or framework in place that recognises the unique Mātauranga of iwi/hapū so the profits generated are appropriately distributed back to the space the knowledge came from. This can be done through individual or national wide agreements with iwi/hapū.*

*Engage Māori experts on Māori Governance and Wai 262 who can advise on and oversee projects to ensure Mātauranga Māori is being appropriately enabled and protected. We agree that Mātauranga Māori should be embedded in all research projects and better funding needs to be available for iwi/hapū to support the pursuit of their own research that enables the creation of a formal framework outlining the unique knowledge and value systems in place for their regions and how they can implement this framework into any regional/iwi specific research while maintaining the protection of their Mātauranga.*



# *Te Tiriti, Mātauranga Māori and Māori Aspirations*

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*What are your thoughts on regionally based Māori knowledge hubs?*

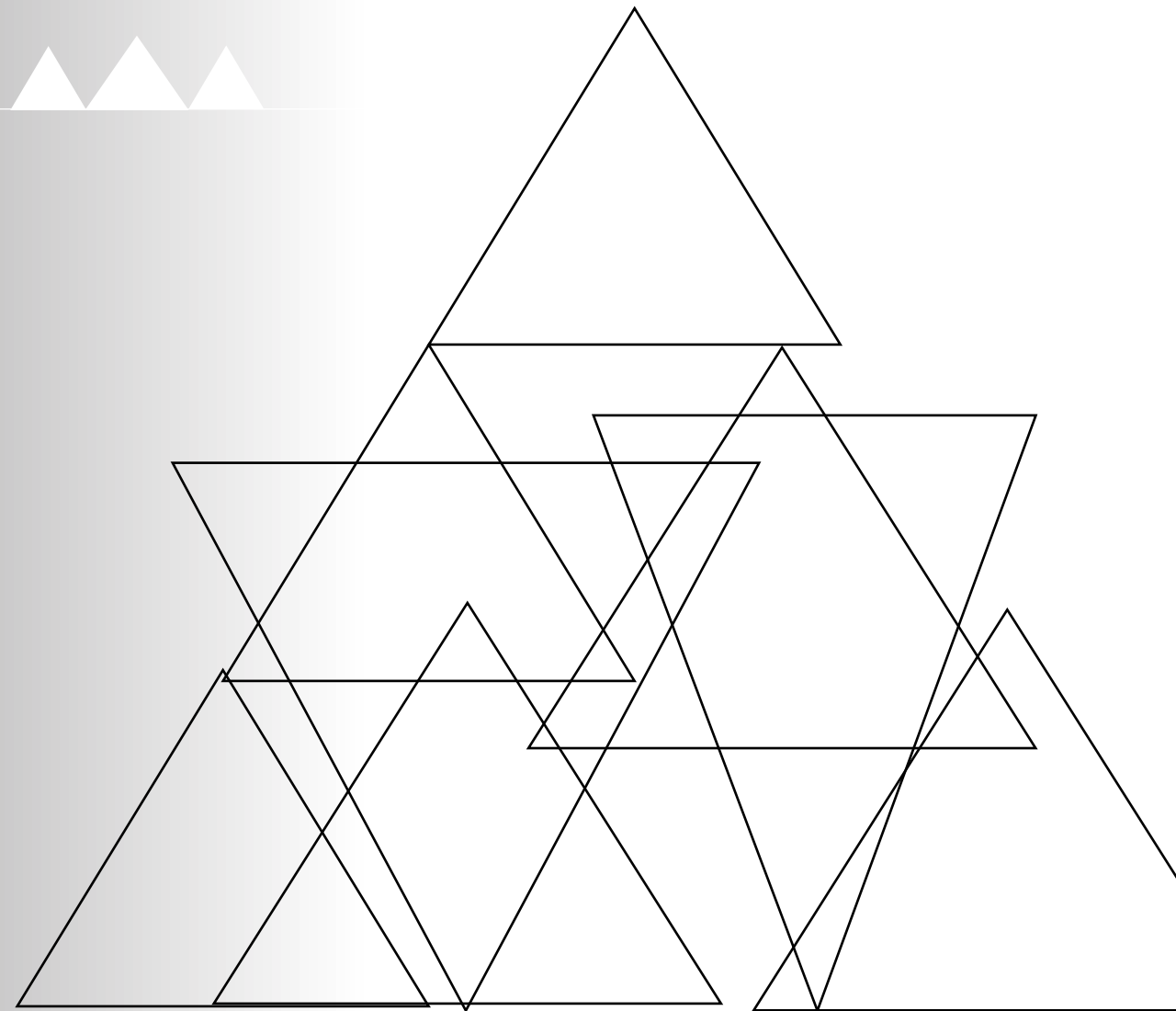
*Hugely important to disseminate knowledge widely and stimulate interest for rangatahi while also providing the opportunity to develop capacity and capability for iwi/hapū.*

*There is huge support and encouragement for regionally based hubs on the condition they are properly resourced, overseen by local iwi/hapū and provide an opportunity to combine traditional knowledge and modern practice.*



## *IV Funding*

- 7. How should we determine what constitutes a 'core function' and how to we fund them?*
- 8. Do you think a base grant funding model will improve stability and resilience for organisations, and how should we go about designing and implementing such a funding model?*

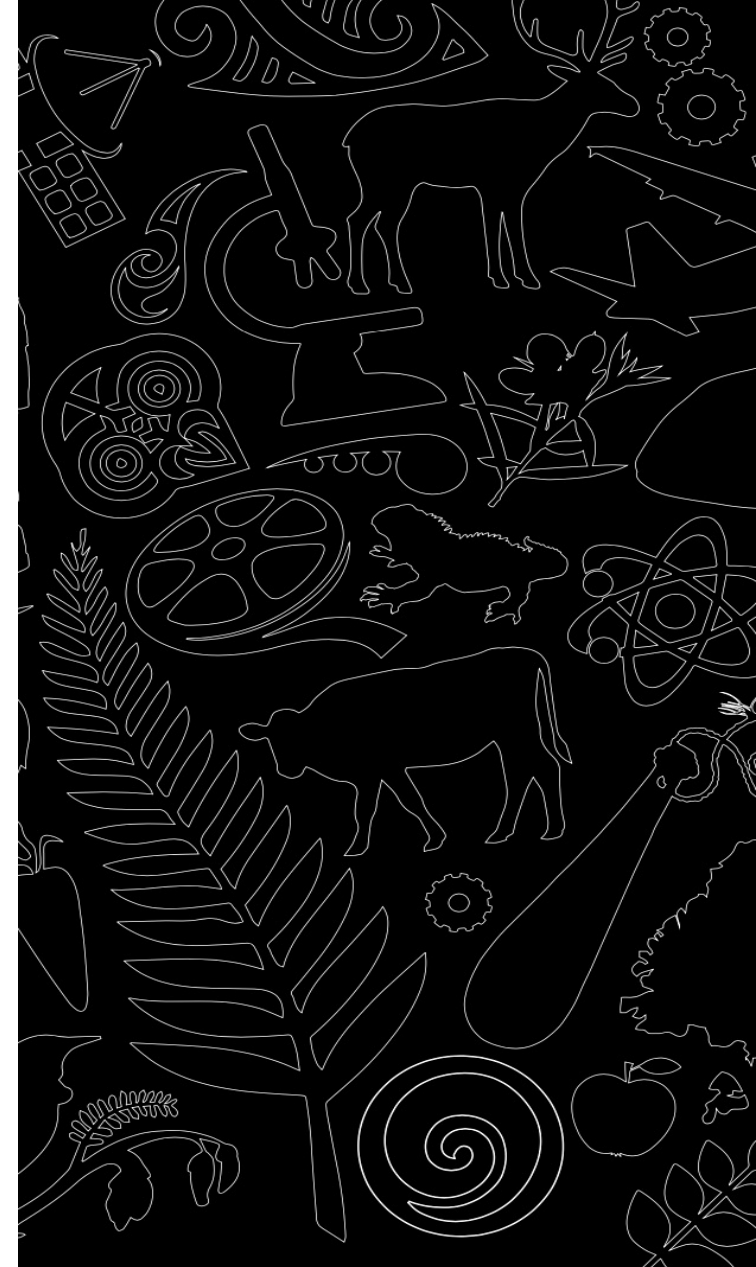


# Funding



*How should we determine what constitutes a ‘core function’ and how to we fund them?*

*There is mixed feedback on how a ‘core-function’ should be determined. The feedback ranges from talking to the the wider community and discussing these values to looking to overseas RSI systems and taking heed of their actions. However, there is an overwhelming concensus that there should be an aspect of Māori benefit and consideration when determining a core-function. There is an emphasis on ensuring Māori research capacity be valued and recognised. When determining how it should be funded once again there is a theme of ensuring the outcomes provide community benefiits rather than institutional or individual benefiits alone.*



# *Funding*

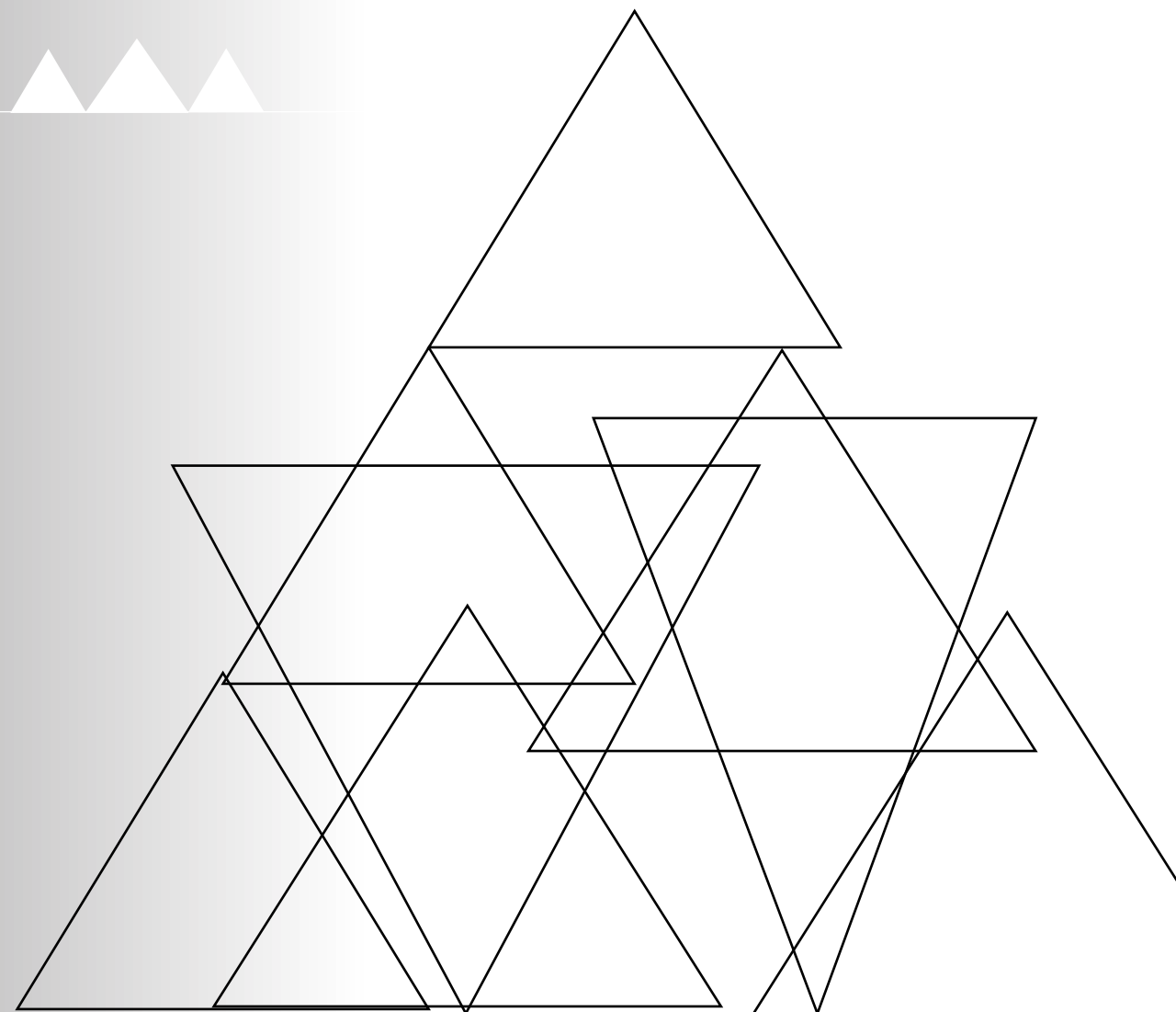


*Do you think a base grant funding model will improve stability and resilience for organisations, and how should we go about designing and implementing such a funding model?*

*Most responses agree a base grant funding model absolutely will act as a good starting point to improve stability and resilience. It provides stability for staff and outside relationships and opens early career pathway opportunities. There have been comments around looking at the exemplary grant funding model Callaghan uses and the vetting process for which projects are granted funding.*

# v *Institutions*

9. *How do we design collaborative, adaptive and agile research institutions that will serve current and future needs?*
10. *How can institutions be designed to better support capability, skills and workforce development?*
11. *How should we make decisions on large property and capital investments under a more coordinated approach?*
12. *How do we design Tiriti-enabled institutions?*
13. *How do we better support knowledge exchange and impact generations? What should be the role of research institutions in transferring knowledge into operational environments and technologies?*



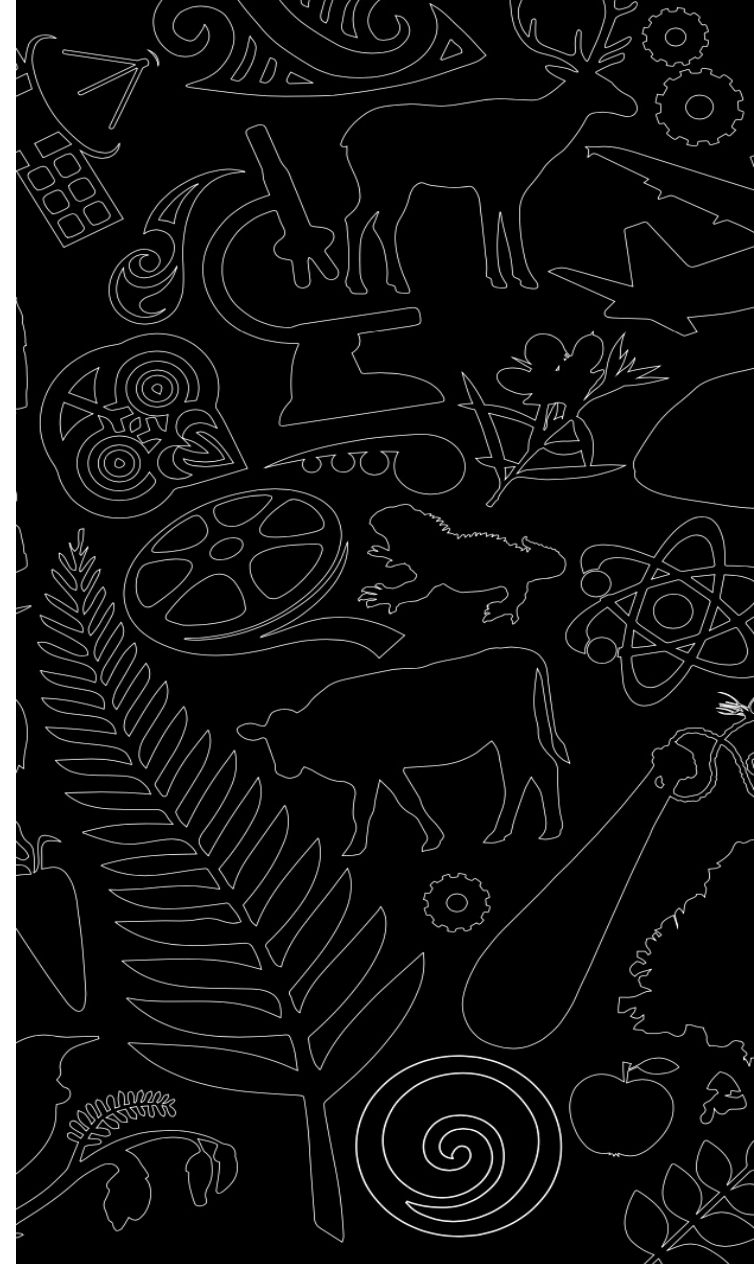
# *Institutions*



## *How do we design collaborative, adaptive and agile research institutions that will serve current and future needs?*

*Have an over-arching research entity that focuses research on key priorities that are agreed upon by RSI sector, government and iwi that include representatives and experts from each group.*

- *Design them on best practise principles and open Governance*
- *Reduce the competitive nature between CRI's and scientists/researchers*
- *Design with underlying principles drawn from Iwi and hapū values (reciprocity, rangatiratanga, whakapapa, mana, mauri, manakitanga and kaitiakitanga)*
- *Ensure Māori individual and cultural representation is in line with Te Tiriti obligations*





# *Institutions*



## *How can institutions be designed to better support capability, skills and workforce development?*

*More funding and funding that is directed towards the correct avenues. Develop capability and skills at high-level to reach and understand a wider community of people.*

- Incorporate all stakeholders, including those that wish to help on an ongoing basis and be agile enough to adapt*
- Appeal to Māori in a way that resonates specifically to Māori*
- Pursue more Māori at an early stage, through school level pathways, mentoring and internships*
- Develop a special model for selecting Māori with no qualifications but with the right potential. Invest in a programme to awaken their potential and develop capability*

# *Institutions*



*How should we make decisions on large property and capital investments under a more coordinated approach?*

*Decisions needs to be tied to a coordinated approach by government agencies, science and research entities and lead by an innovation strategy developed by government, RSI experts and iwi.*

- Planning and policy pathways that draw on Māori aspirations*
- Ensure decisions consider the needs of Māori and are being met*
- Open communication with iwi/hapū with full disclosure*
- Māori representation when these decisions are being made and considered*



# *Institutions*



## *How do we design Tiriti-enables institutions?*

*Show how supporting iwi development through iwi-led applied science collaborations give a large retron in terms of economic, cultural, social and environmetal return.*

*Allow Māori to be Māori, have strategic hui around Te Tiriti led/driven institutions with a Māori title.*

# *Institutions*

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*How do we better support knowledge exchange and impact generations? What should be the role of research institutions in transferring knowledge into operational environments and technologies?*

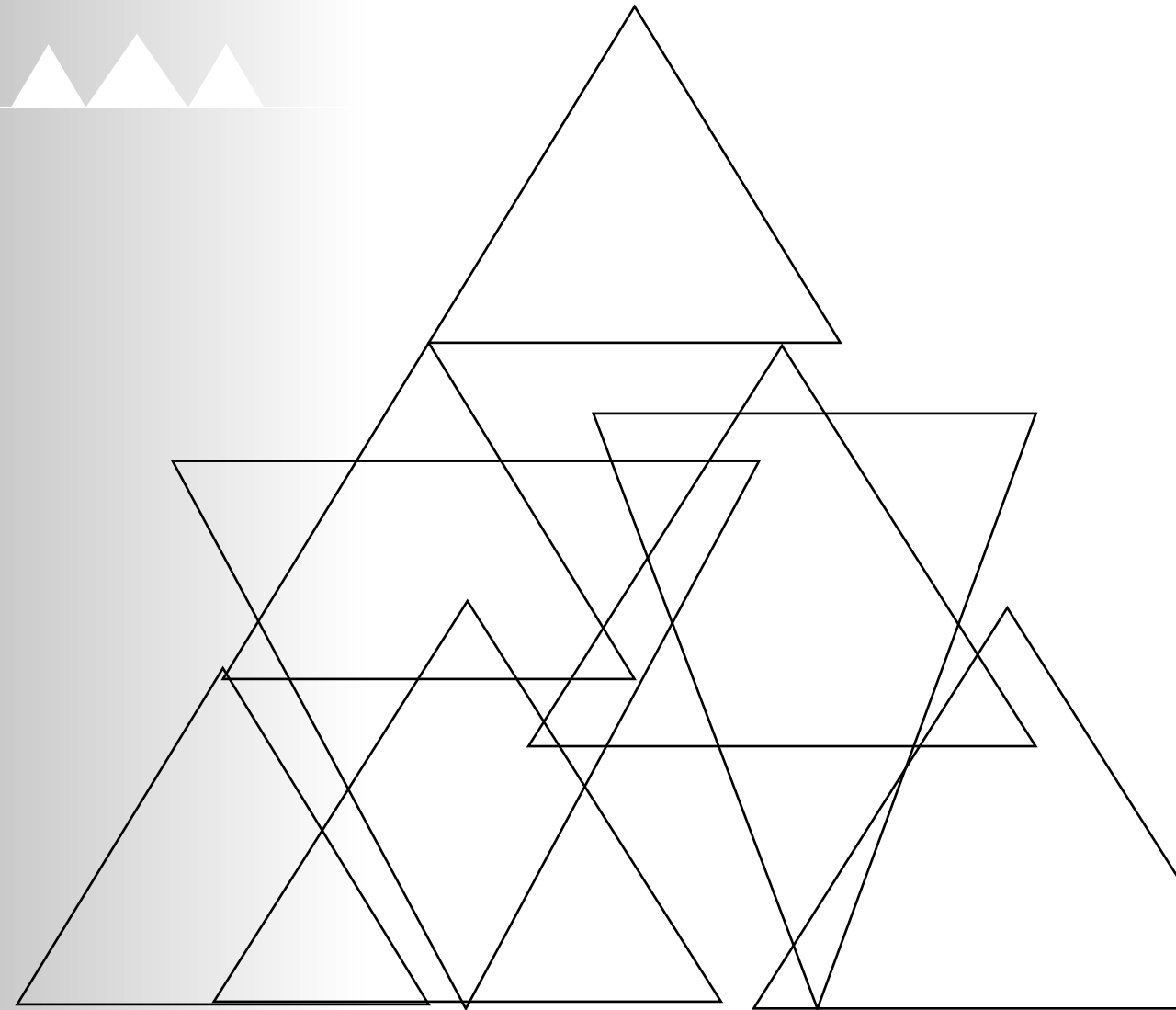
*There should be more research institutes across Aotearoa with smaller campuses tied to other education institutes that can link with local businesses, secondary schools and local iwi. This will enable the growth of potential from young, up and coming Māori who may otherwise have no means of being exposed to these types of institutes.*

*Embrace intergenerational knowledge and utilise iwi/hapū who are willing to be teachers and providers of knowledge. Research institutions should act as an enabler of this transfer of knowledge through the aforementioned structures of allowing Māori to be Māori and providing facilities for this purpose.*



## *VI Research Workforce*

- 14. How should we include workforce considerations in the design of national research Priorities?*
- 15. What impact would a base grant have on the research workforce?*
- 16. How do we design new funding mechanisms that strongly focus on workforce outcomes?*



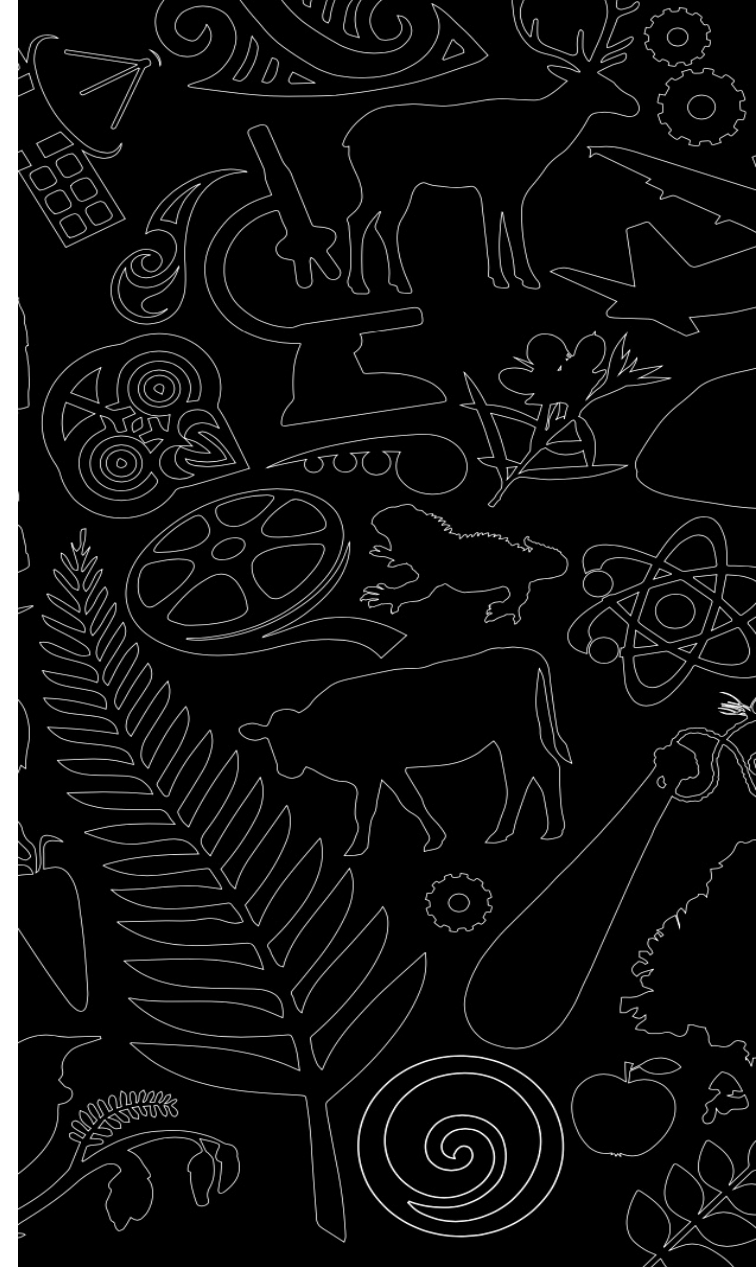
# Research Workforce



*How should we include workforce considerations in the design of national research Priorities?*

*Research priorities shouldn't be determined by a lack of workforce. If workforce is an issue, then workforce itself should be a strategic priority.*

*Otherwise, through progression pathways – Early researchers should be given the opportunity to submit their own ideas rather than support be reserved for long career researchers and their priorities. Cultural competencies and potential/willingness to participate/learn should be valued to promote opportunities for more Māori research.*



# Research Workforce



*What impact would a base grant have on the research workforce?*

*It would give some direction and stability of employment for researchers. It would allow a more expert group of researchers to be employed to pursue strategic key priorities.*

- Potentially puts more pressure on the research workforce but it is a viable option for getting fast results*
- Increase attractiveness of researcher as a career option*
- Retention of expertise within iwi/hapū would create flow-on benefits as challenges are able to be responded to more effectively and efficiently*



# Research Workforce



*How do we design new funding mechanisms that strongly focus on workforce outcomes?*

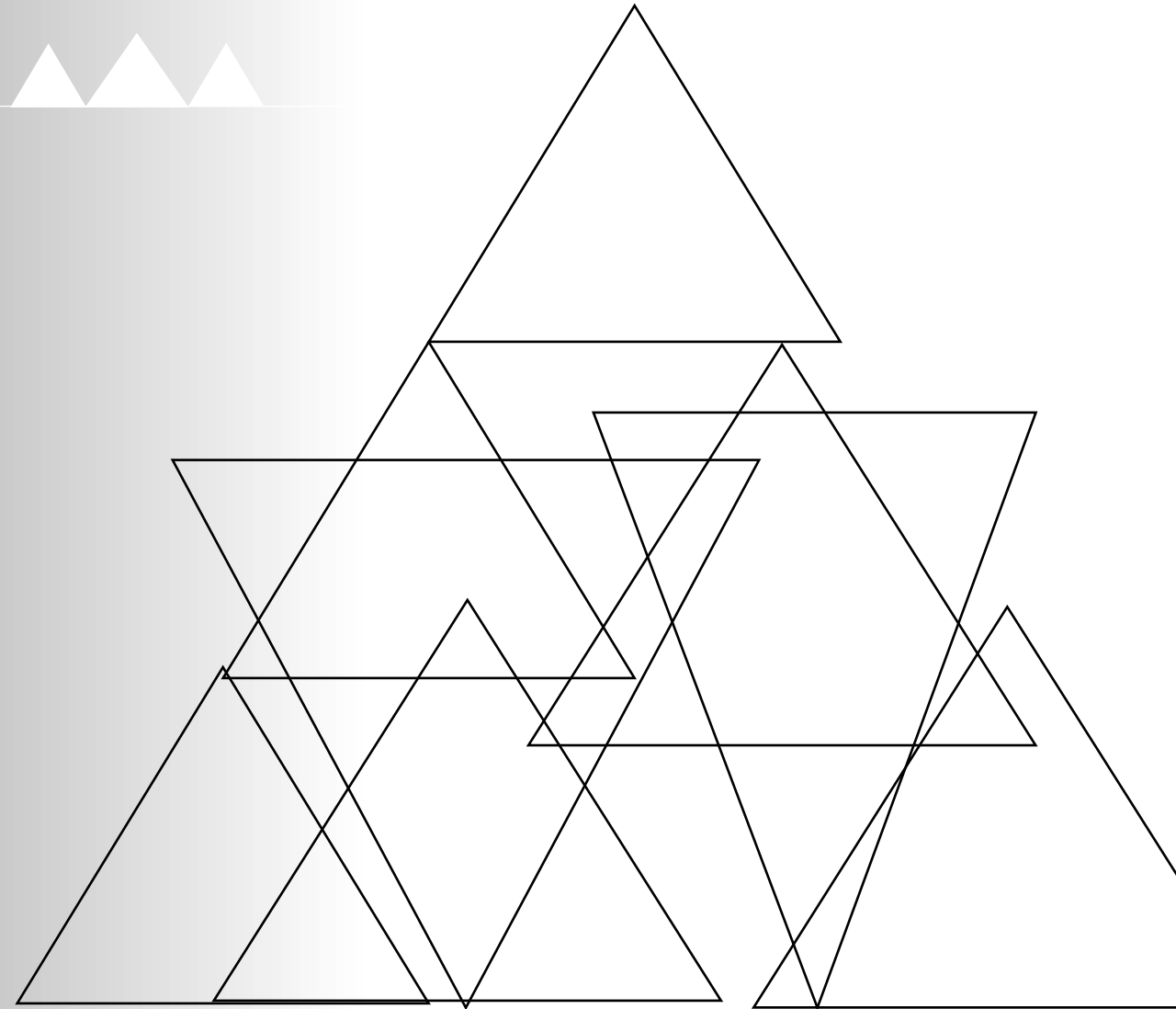
*Increase funding without contestable funding models. This will reduce the competition between institutes and individuals and encourage a more collaborative model to flourish.*

- Work alongside iwi/hapū to align research and Māori outcomes*
- Address the key outcomes and make the new funding criteria fit for purpose and current*
- Devolve the investment to levels that prioritise local capacity development and retention*
- Gain opinions of early career researchers who will be the most impacted by any decisions*



## *vii Research Infrastructure*

*17. How do we support sustainable, efficient and enabling investment in research infrastructure?*



# Research Infrastructure



*How do we support sustainable, efficient and enabling investment in research infrastructure?*

*Government can decide that research infrastructure is something they should be funding on the basis that innovation is the single biggest factor for wealth creation and that it is the governments duty to have the relevant infrastructure to make sure Aotearoa can improve the country's productivity and be a base for creation of quality jobs and wealth*





TE TAUMATA

**Noku te whenua, kei a au te korero  
Noku te whenua, ko au te Rangatira!**

*Dr Apirana Tiuhāe Mahuika (Ngāti Porou)*