

National
Science
Challenges

**SUSTAINABLE
SEAS**

Ko ngā moana
whakauka



Tūhonohono: Tikanga Māori me te Ture Pākehā ki Takutai Moana

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Te Moananui-a-Kiwa – Pacific Ocean

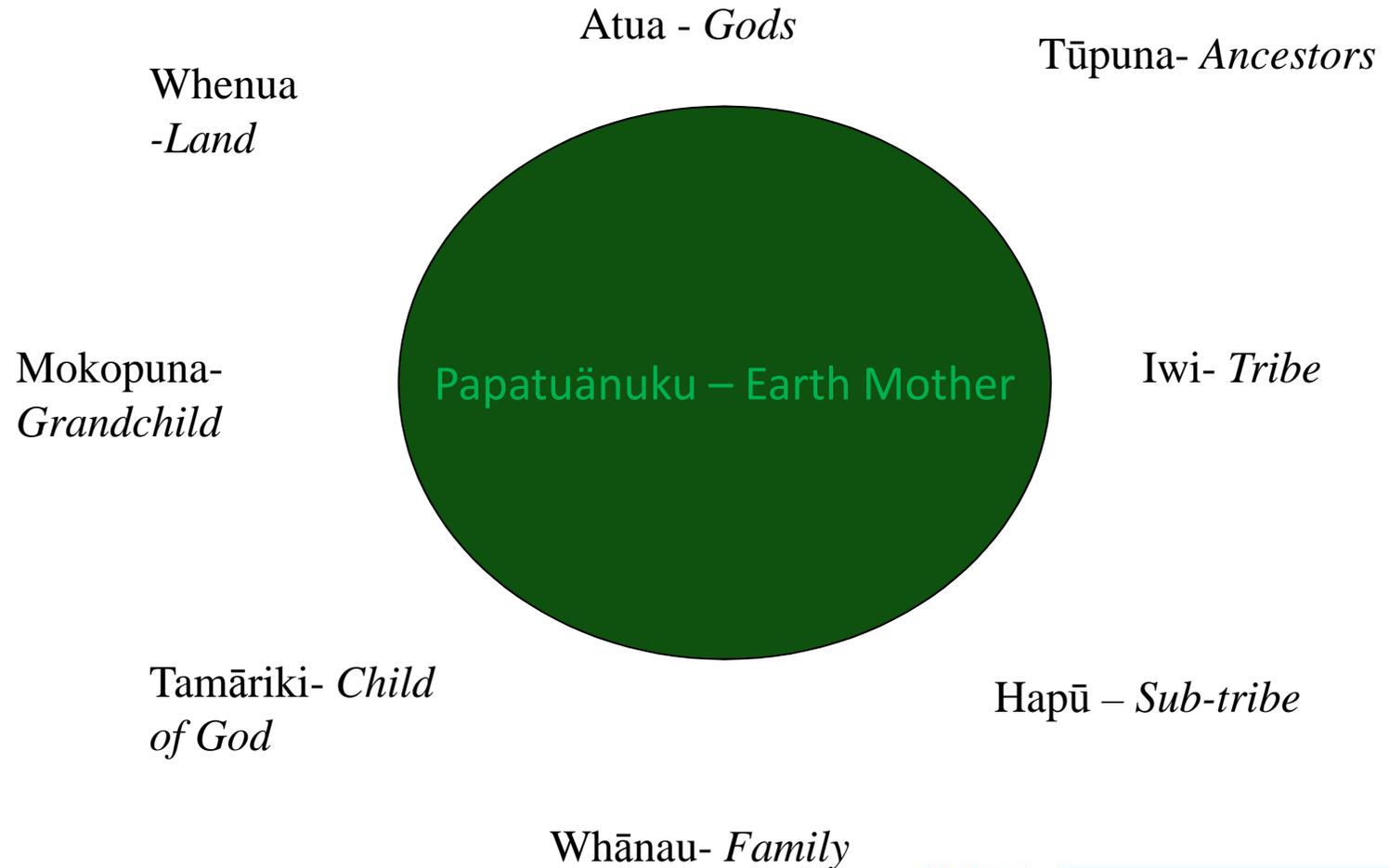
Māori Cosmogony Stories - Maui – Demi-God, Great Polynesian Voyages



Different World Views

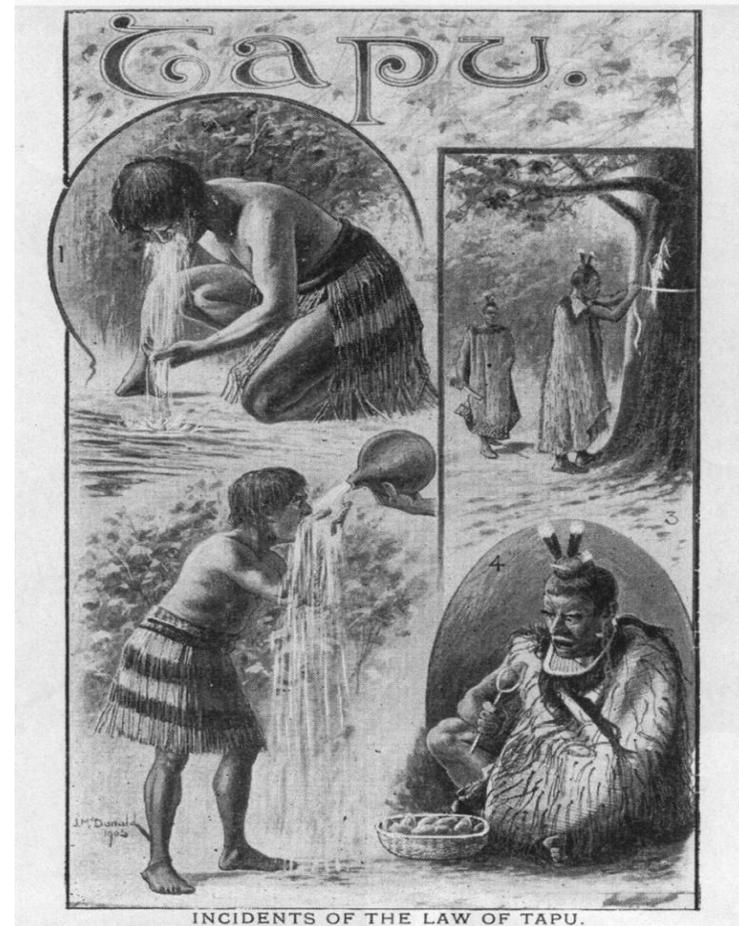


Te Ao Māori – Māori Worldview - Based on Relationships



Māori legal System - Some Key Tikanga Māori Values

- **Whakapapa** – genealogy
- **Wairuatanga** - spirituality
- **Whānaungatanga** – inclusiveness, relationships
- **Mana**- honour, prestige, influence
- **Tapu** – sacred, forbidden, set apart, holy
- **Mauri** – life principle
- **Hau** – vital essence
- **Rangatiratanga** - leadership
- **Kaitiakitanga** – stewardship
- **Kotahitanga** – unity
- **Utu** – reciprocity, balance



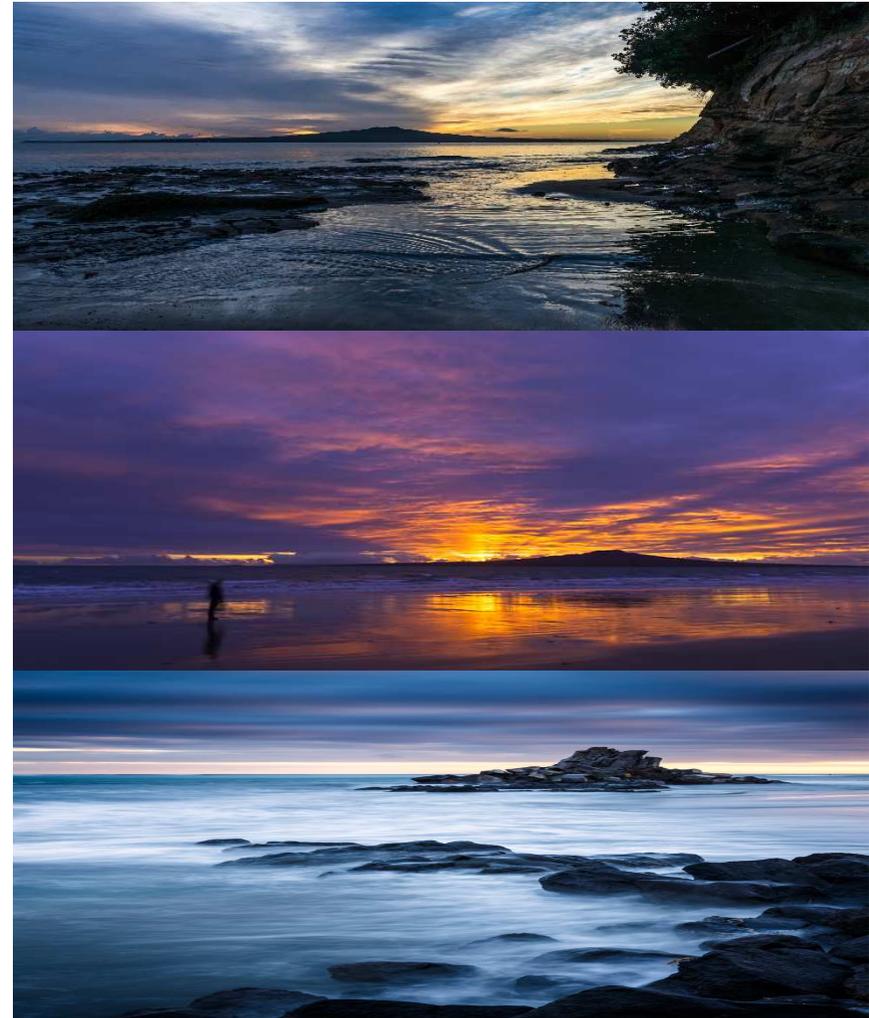
Tūhonohono Project Overview

- Tuhonohono – ‘Binding Together’
- Understanding the relationship between mātauranga and tikanga Māori and New Zealand State law and how to apply both so that they are mutually beneficial to both cultures over the marine coastal area
- Large complex question of national significance.
- Project will examine a range of New Zealand marine policy and legal enablers and barriers with particular emphasis on those specific to Māori such as kaitiakitanga and rahui.



Tūhonohono Overview

- Tūhonohono or ‘binding together’ expresses the cohesive vision of New Zealand jurisprudence over the coastal marine area
- To explore the possibilities for the evolution of laws and institutions in Aotearoa New Zealand that reflect the best of the values and concepts of both founding peoples of the New Zealand state – Māori and European
- To enhance the utilisation of the marine resources within environmental and biological constraints
- To realise the value, increase use, and to maintain the ecosystem health of our vast oceanic and coastal assets.
- Ecosystem based management (EBM).



Treaty of Waitangi 1840

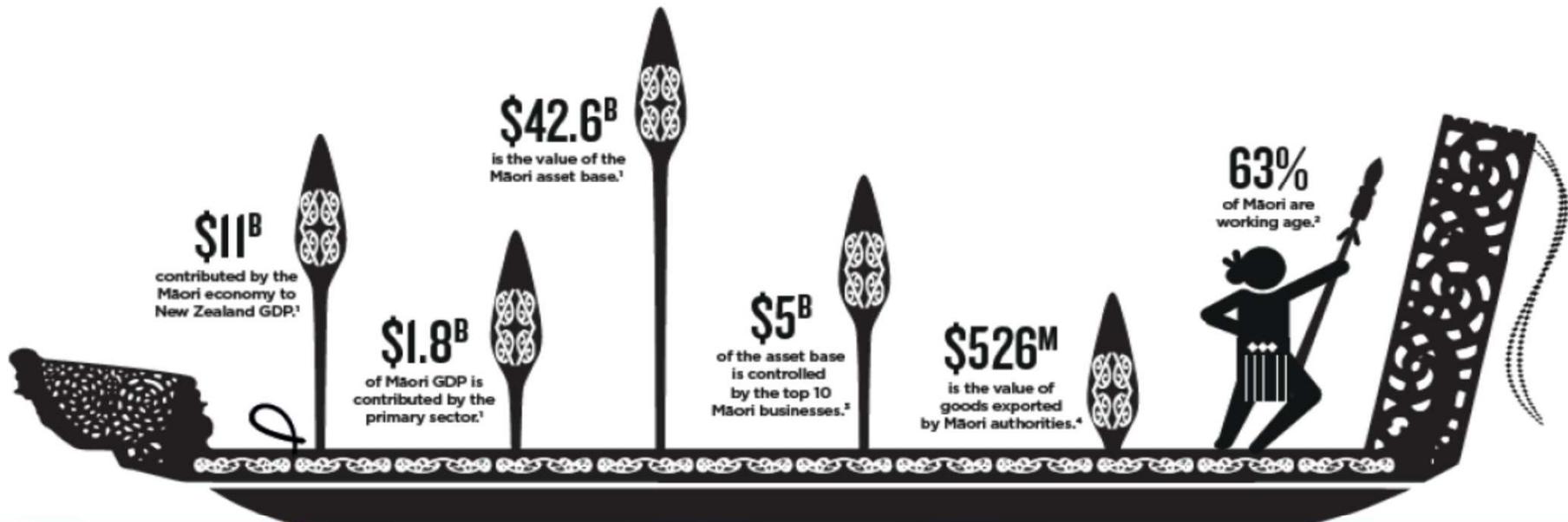
- Tūhonohono focus on current and future societal participation in marine governance and management to balance the aboriginal title and Treaty rights, aspirations, and responsibilities of te iwi Māori
- Application of mātauranga and tikanga Māori, and communities and industry through mainstream state law
- Will build on Aotearoa New Zealand's reputation as a world leader in the use and stewardship of the takutai moana (marine and coastal area) space.



Māori Economy Snapshot



THE MĀORI ECONOMY



SEAFOOD

is the top Māori economy export commodity.⁴

98

Iwi across New Zealand.⁴

Sources:

1. Te Puni Kōkiri, Māori Economy Report 2013.
2. Statistics New Zealand, 2013 Census.
3. Deloitte Top 200, Top 10 Māori Businesses, 2015.
4. Statistics New Zealand, June 2015.

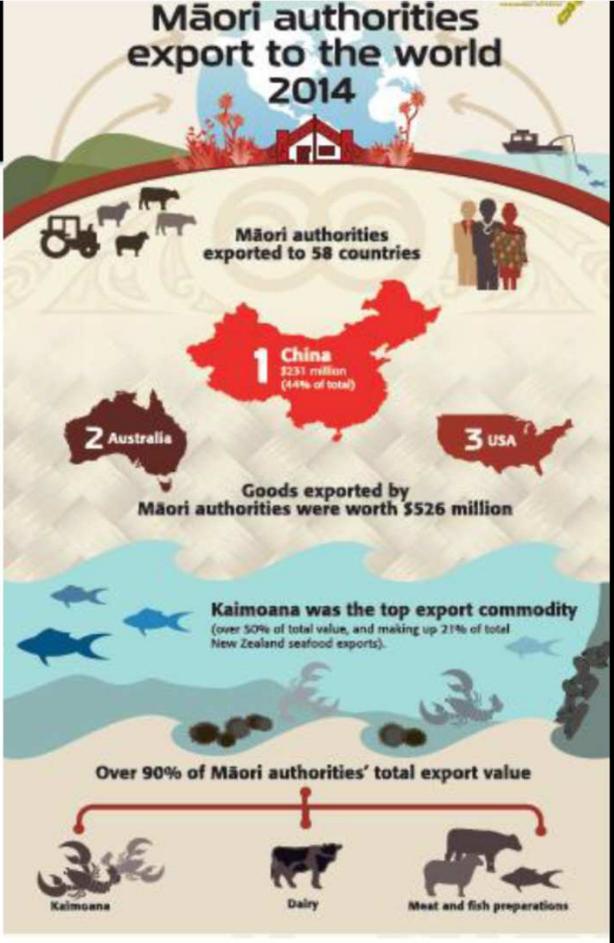
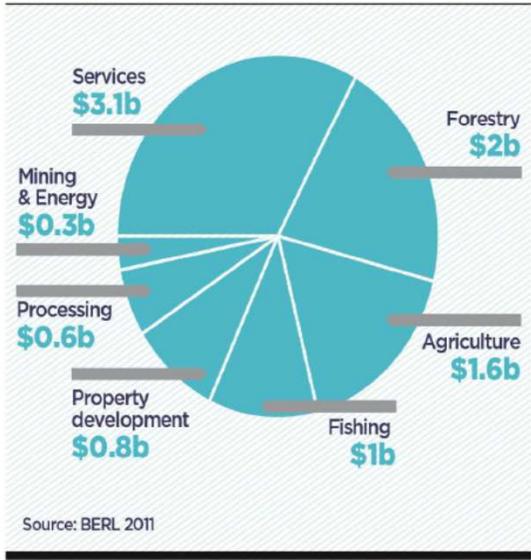
BALANCE – EBM?



Maori Investment - Asset Base

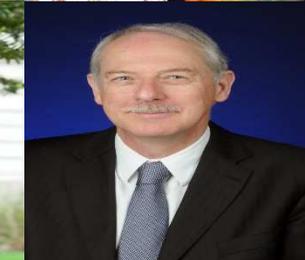


Māori asset base by industry



Tūhonohono Team

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2. Professor Jacinta Ruru, Tainui, Ranginui, Otago
3. Associate Professor Sandy Morrison, Rarua, Maniapoto, Te Arawa
4. Associate Professor Tom Roa, Maniapoto, Waikato
5. Reader Cathy Iorns, Pākehā, Victoria
6. Professor Barry Barton, Pākehā, Waikato
7. Dr Keaka Hemi, Hawaiian, Cherokee
8. Mylene Rakena, Nga Puhi, Kahungunu
9. Jackie Tuaupiki, Waikato, Tuwharetoa
10. Jonathan Kilgour, Tainui, Rauru
11. Hemi Arthur, Toarangatira, Koata
12. Adrienne Paul, Te Patuwai, Awa
13. Mary Jones, Kahungunu, Ngāi Tahu



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