



Ohanga Porohita The Circular Bioeconomy – Back to the Future?

Te Kapunga Dewes



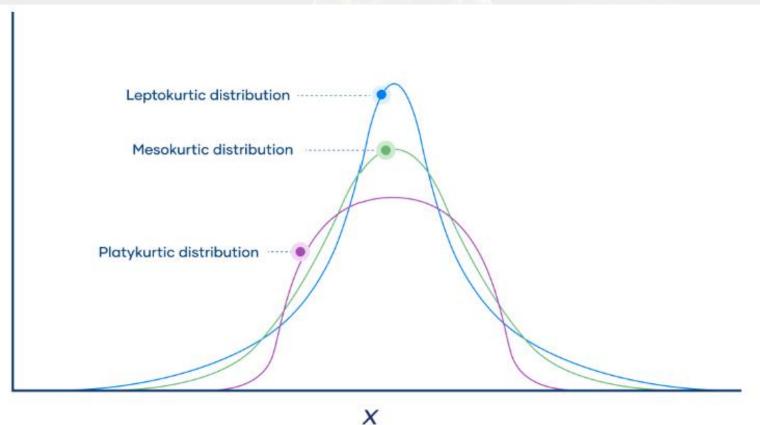
Growing Māori resilience through forestry.

HE **WHAKAOHO** I TE **WHENUA** KI NGĀ **HUA O TĀNE**, KIA **TOITŪ A PAPA**, KIA WHAI ORANGA **MŌ TE IWI, MĀ TE IWI** ME NGĀ **URI WHAKATIPU.**



He Whakaaro – Opening Observation

Probability density





Growing Māori resilience through forestry.

HE **whakaoho** i te **whenua** ki ngā **hua o Tāne**, kia **toitū a Papa**, kia whai oranga **mō te iwi, mā te iwi** me ngā **uri whakatipu.**



Te Ohanga Porohita





Growing Māori resilience through forestry.

HE **WHAKAOHO** I TE **WHENUA** KI NGĀ **HUA O TĀNE**, KIA **TOITŪ A PAPA**, KIA WHAI ORANGA **MŌ TE IWI, MĀ TE IWI** ME NGĀ **URI WHAKATIPU.**



Nga Hangaitanga (Alignment)

Activity Fit:

- Regenerative
- Cost and Benefit "internalised"
- Quadruple "Bottom Line" Focus









Nga Hangaitanga (Alignment)

Cultural Fit:

- Intergenerational
- Harmony (Balance)
- Community
- Ethics (Honour)
- Consensus based decision making









First Ripple/ Direct:

- Land based industry
 - Forest into value add
 - Land and industry mosaic









First Ripple/ Direct:

- Land based industry
 - Forest into value add
 - Land and industry mosaic
- Whanau (Family) based industry
 - People/ community centric
 - Collectivisation









Second Ripple:

- Activity Focus Leveraging our "competitive" advantages
 - Matauranga and Tikanga
 - Regional Development
- Value Focus Leveraging our value proposition:
 - Attributes
 - Story









Second Ripple:

- Activity Focus Leveraging our "competitive" advantages
 - Matauranga and Tikanga
 - Regional Development
- Value Focus Leveraging our value proposition:
 - Attributes
 - Story
- Regenerative Practices and Waste Utilisation/ Reduction









Nga Arai (Barriers)

Transactional and Capitalist Based Processes

- Finance and Abundance
- Three year popularity contest









Nga Arai (Barriers)

Transactional and Capitalist Based Processes

- Finance and Abundance
- Three year popularity contest

A "Just Transition" will require:

- Ceding of power
- Changes to wealth distribution
- Political and Societal Will









Nga Arai (Barriers)

Transactional and Capitalist Based Processes

- Finance and Abundance
- Three year popularity contest

A "Just Transition" will require:

- Ceding of power
- Changes to wealth distribution
- Political and Societal Will















www.ngapouatane.maori.nz

He Patai (Questions)?



Growing Māori resilience through forestry.

HE **whakaoho** i te **whenua** ki ngā **hua o Tāne**, kia **toitū a Papa**, kia whai oranga **mō te iwi, mā te iwi** me ngā **uri whakatipu**.

