



# **Energy and Innovation Wānanga**

Turning strategy into action ... an invitation to shape our future

23-24 May 2023

Ascot Park Hotel Invercargill











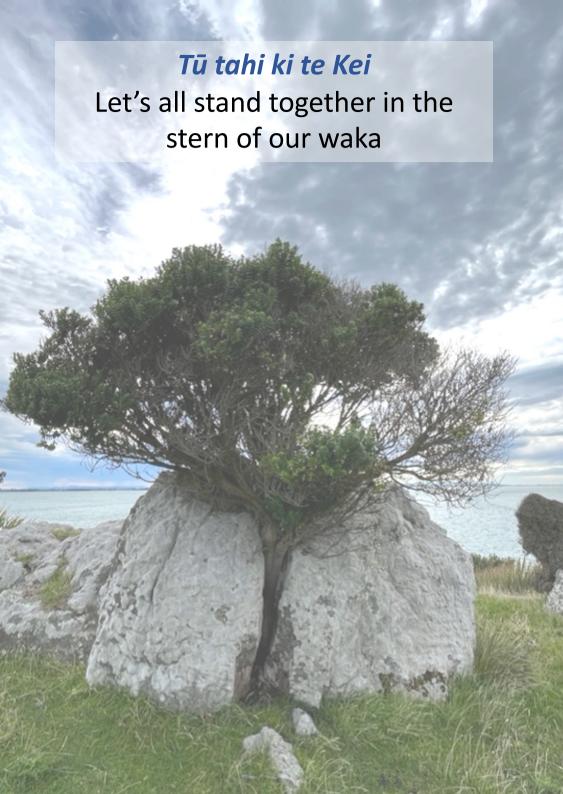












E ngā mana, e ngā reo, rau rangatira mā Piki mai, kaki mai, nau mai, haere mai Ki tēnei o tātou Wānanga Āhuatanga o te Ao Haere mai, haere mai, haere mai

E hoa mā, ko mutu rā to tātou wānanga Noreira nei rā te mihi ki a koutou Mō koutou āwhina ki te kaupapa nei He mihi nui, he mihi aroha Hoki ora ai atu ki ōu koutou kāinga I raro te Atawhai o to tātou Ariki Haere atu rā

Murihiku Upoko

## Murihiku Regeneration

#### **About us**

In September 2020, Murihiku Upoko called together a wānanga to consider the potential opportunities and issues facing the region.

The response was a call for a kaupapa based around the four Ngāi Tahu pou (pillars) – that was both regenerative and intergenerational.

Murihiku Regeneration was established by Murihiku Upoko through Hokonui Rūnanga to support hapū, iwi, whānau, Māori and community aspirations.

A central kaupapa is to build collaboration, partnerships and develop a 'coalition of the willing' to collectively respond to regional challenges. Importantly, we also work in the national interest.

We have priority workstreams for green energy, education, innovation, oceans, environmental and climate response, and workforce planning.

See <u>www.murihikuregen.org.nz</u> for more information.

#### **Our Vision**

Our Murihiku Papatipu Rūnanga - are individually strong, collectively enabled and driving Rūnanga and regional aspirations that will sustain our lifestyles in a thriving, healthy environment for our generations to come.

### Our Purpose

- Develop a long-term regeneration plan that meets our aspirations of the four Pou: social, cultural, economic and environment (see diagram below).
- Develop a whānau-centric model and plan.

Education and training serve a vital role in underpinning our four Pou through the building of intergenerational whānau capability.



### About the event

Murihiku-Southland is a region blessed with resources that can and should be utilised in a regenerative way to build a strong, confident, and bold future for our community.

This event explores how we might utilise our resources to collectively respond to the challenges of our time.

Our wav forward must be well-reasoned deliberate. and aligned with our collective aspirations. By participating in this wānanga, you can help build a proactive response to the challenges of climate resilience, economic disruption, and the development of effective physical and social infrastructure within the region.

This wānanga is a collaboration between Murihiku Regeneration and the Invercargill City Council, and is supported by a range of sponsors who see the value in working together.

See front and back covers for sponsors logos. We are grateful for their support for this event.

### The two days will consider:

- A path to certainty for the Tiwai Smelter – including remediation of the site.
- Climate change, environmental decline, and a regenerative view of 'sustainability'.
- Identifying and supporting the regional energy transition.
- Clarity on related regional innovation and opportunities.
- Identifying next steps and actions.







## Tuesday 23 May 2023

MC: Dr Michael Stevens

**Hosts:** Terry Nicholas and Mayor Nobby Clark

#### 8.30am Arrival, register and MC instruction

#### 9.00am Welcomes and scene setting

• Terry Nicholas and Mayor Nobby Clark

#### 9.25am Opening addresses

- Tā Tipene O'Regan (Awarua Upoko) and Dr Mike Stevens (Awarua Rūnaka):
  Cohesion, alignment and national interest
- Minister Megan Woods (Minister of Energy and Resources, and Just Transitions):
  Energy transition, Just Transition and Government policy

10.00am Morning Tea

#### 10.15am Global Session

- Session Chair: Dr Regina Eisert From global to local the importance of international partnerships
- German Consul
- Woodside New Energy: Jason Crusan, VP New Energy Solutions

#### 11.10am Empowering partnerships: government's role in Aotearoa's energy transition

- · Session Chair: Dean Ford, GM Economic Development and Transitions, MBIE
- Carolyn Tremain, Chief Executive MBIE: Empowering partnerships through innovation
- Dean Ford: Just Transition programme update

#### 11.45am Climate economics

Session Chair: Dr Mike Stevens

Prof David Frame: Climate economics

• Greg Bodeker (Bodeker Scientific): Climate futures

• Lee Chambers (GNS): Sea level rise and groundwater

## Tuesday 23 May 2023 cont.

#### 12.25pm Lunch, networking and cultural performance

#### 1.10pm Regional infrastructure

- Session Chair: Ross Copland, CE Te Waihanga/Infrastructure Commission
- · John Clarke, Transpower GM Grid
- James Flannery, Contact Energy GM Strategy
- · Jason Franklin, PowerNet CE
- · Nigel Gear, South Port CE
- Stuart Harris, Invercargill Airport

#### 2.20pm Social regeneration and innovation

- Session Chair: Steph Voight, Public Sector Commissioner
- Professor Darrin Hodgetts and Professor James Liu: Social Regeneration Plan
- Gareth Williams, MSD GM Systems Performance: MSD analytics

#### 3.00pm Afternoon tea

#### 3.15pm Regional Innovation

Session Chair: Rod Drury

#### 4.05pm The importance of the Māori economy through this change

- Session Chair: Arihia Bennett, CEO, Te Rūnanga o Ngāi Tahu
- Mike Pohio, Chair, Ngāi Tahu Holdings Corporation
- · Case studies:
  - Tupara Morrison, Head of Māori Development, Air New Zealand
  - · Andy Macfarlane, Director, Fonterra
  - Helen Rogers, Head of Government Relations, Kiwi Rail

#### 4.50pm Reflections and wrap-up

#### 5.00pm Networking Hour

## Wednesday 24 May 2023

MC: Dr Michael Stevens

Hosts: Terry Nicholas and Mayor Nobby Clark

#### 8.30am Arrival and welcome

9.00am Re-cap of previous day

#### 9.05am Regional Leadership Panel

- Session Chair: Neil McAra
- Neil McAra, Southland Chamber of Commerce, and Tom Campbell, ICC Deputy Mayor

#### 9.30am Regional plans and priorities

- Session Chair: Chami Abeysinghe, CE Great South
- Bobbi Brown: Regional long-term plan
- Steve Canny: Regional decarbonisation targets
- Mervyn English: Energy transition issues
- Steve Canny: Process heat project
- Lynden Prebble: Carbon neutral farm initiatives
- Fonterra processing initiatives

#### 10.40am Morning tea

#### 10.50am Developers Session - existing and new

Session Chair: Terry Nicholas, Murihiku Regeneration

#### 10.50am Southern Green Hydrogen (Woodside, Meridian, Mitsui)

- Gabrielle Pennock, Woodside New Energy
- Murray Hill, Meridian Energy Limited
- Nozomu Ohiki and Jason Brown, Mitsui & Co

## Wednesday 24 May 2023 cont.

#### 11.30am NZAS: Tiwai Smelter Future

- NZAS and Rio Tinto representatives:
  - o Chris Blenkiron, CE NZAS
  - o Nicole Atherton, Closure Readiness General Manager, Rio Tinto
  - o Darren Schwass, Manager Closure Readiness, NZAS
- Awarua Rūnaka representatives:
  - o Jacqui Caine and Aimee Kaio

#### 12.10pm Southland Aquaculture

• Aimee Kaio, Te Rūnanga o Ngāi Tahu

#### 12.40pm *Lunch*

#### 1.00pm Regional case studies: Decarbonisation

- · Session Chair: Prue Halstead, Invest South
- · Karyna Young, Yunca and EnPot
- David Simpson: T4 and Carbon (electric vehicle fleet management)
- Anthony Jones, CEO HWR

#### 2.15pm Afternoon Tea

#### 2.25pm Innovation and Bluff re-imagining

Jane Stanton, Seriously Good Chocolate Company

#### 2.35pm Confirming priorities

MC, Mayors and Upoko

#### 3.00pm Closing



## Meet your MC



#### Dr Michael (Mike) Stevens

Mike is a Ngāi Tahu historian who grew up in Bluff. He and his whānau are stalwarts of the annual tītī (muttonbird) harvest and are well-known for maintaining he mahi pōhā: kelp receptacles which hold preserved tītī.

Mike has published widely on Ngāi Tahu history, in recent years through his work with the Ngāi Tahu Archive at Te Rūnanga o Ngāi Tahu.

Long involved with Te Rau Aroha Marae and Te Rūnaka o Awarua, he is the Alternate Representative for the latter to Te Rūnanga o Ngāi Tahu.

## **Meet your Hosts**



### **Terry Nicholas**

Terry is the Manager Hokonui Rūnanga and the Director Programme Murihiku Regeneration, Terry been involved Hokonui Rūnanga and has the Hokonui been Te Ngāi Tahu Rūnanga 0 representative since January 1999. His special interest is building succession out of settlement - "mo tatou, a, mo ka uri a muri ake nei". Terry is also a member of the Just Transition oversight group, to the rights ensure and interests of Murihiku hapū are being represented.

Terry works tirelessly to protect and enhance spiritual, cultural, organisational, educational and economic aspirations of Hokonui Rūnanga and Murihiku Regeneration.



### **Mayor Nobby Clark**

Nobby Clark became Mayor of Invercargill City in 2022, after joining the council in 2019 and serving as Deputy Mayor from 2020.

Nelson-born, Nobby moved to Auckland after leaving school and was a Vietnam veteran by the time he arrived in Invercargill in 1975 to work in public service jobs.

He would later say that 20 vears in the Navy, Prison Service and Department of Labour had given him background in discipline and a moralistic outlook, and 14 vears in the social services brought a more humane the perspective on disadvantaged in the community.

## **Opening Address Speakers**



### Tā Tipene O'Regan

Tipene was born to his Ngāi Tahu mother, Rena Ruiha O'Regan (nee Bradshaw) in Wellington in 1939. His father was Rolland O'Regan, a surgeon of West Coast Irish descent. His mother had been born at Kōpūtai but raised in Awarua (Bluff).

Tipene's personal scholarly interest is largely in traditional and history ethnology of Ngāi Tahu and Te Waipounamu. As well he has a major academic interest general New Zealand history and the Māori political economy. Tipene has and lectured published extensively over many years Ngāi Tahu traditional history, Polynesian migration, Treatv issues and evolution of biculturalism.

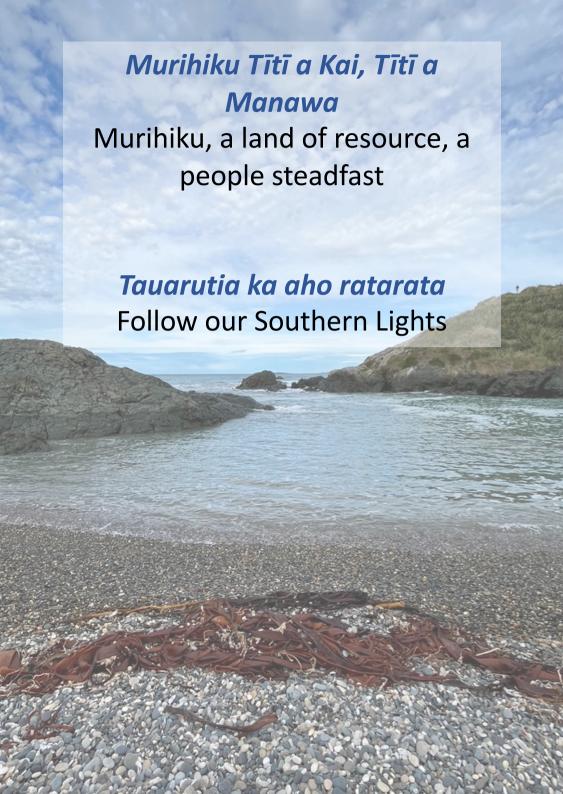


### **Hon Dr Megan Woods**

Hon Megan Woods is a Christchurch local and has been the Member of Parliament for Wigram since 2011.

Megan was sworn in as a Minister of the Crown following the 2017 election with portfolio responsibilities including Housing, Energy and Resources, Research, Science and Innovation, and Associate Finance.

Megan enjoys her diverse set of portfolios and has a particular interest in where they can complement each other, such as how research and innovation can be applied to new applications in the energy or housing sectors.



### Thanks to all our sponsors































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