

Tūpuna Ao Ora

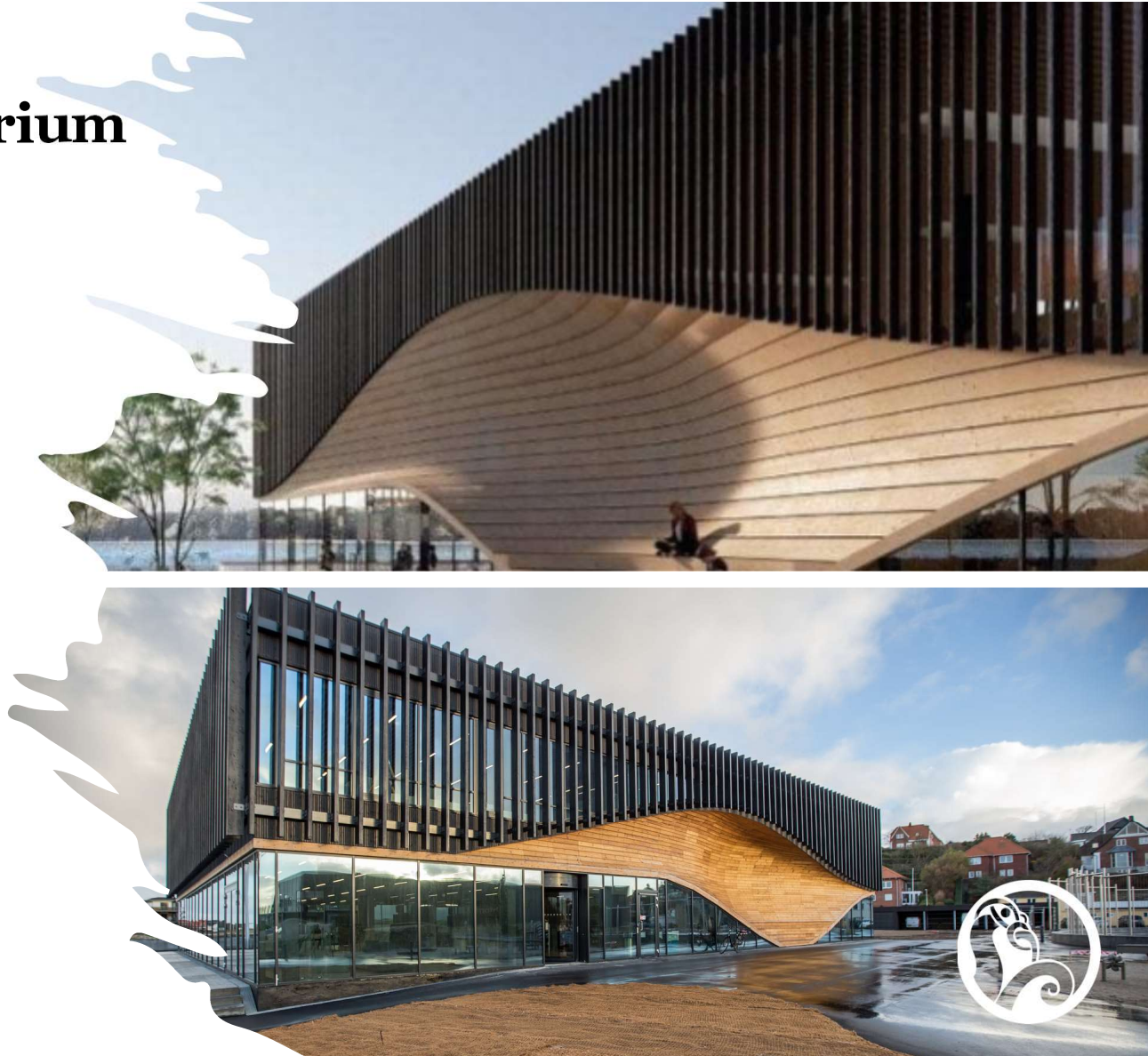
Climatorium



Tūpuna Ao Ora Climatorium Sustainable Cities

This presentation will outline:

- Introduction to Wakatū Inc
- Our journey and partnership with Klimatorium, Central Denmark
- Introduction to Tūpuna Ao Ora
- Our Next steps



Wakatū Incorporation

- Our purpose is to preserve and enhance our legacy for the benefit of current and future generations.
- Based in Whakatū (Nelson), Wakatū has 4000 owners who descend from the customary land-owners in the top of the south island of Aotearoa.
- Te Pae Tawhiti is our 500-year vision that ensures all our decisions are aligned to our purpose.
- We are one of the largest land and water space owners in the region and we export to 35 countries.
- Wakatū is made up of innovative, inspired people who share our vision and who are proud of our work.

Our Journey ...



Te Taiuho Intergerational Strategy – www.tetauihu.nz

TE WHAKAKITENGA:
OUR VISION

Tūpuna
Pono

Good
Ancestors

NGĀ HUA WHAKATUPURANGA
INTERGENERATIONAL OUTCOMES

TE TAIAO THE NATURAL WORLD

Our relationship with the natural world is healthy

PŪTEA ECONOMY

Our resilient economy allows our people and places to thrive

TE TAUHUTANGA IDENTITY

Our people are proud of their individual and shared identity and feel a strong sense of belonging. We treat each other with kindness and respect

TANGATA PEOPLE AND COMMUNITIES

Our people and communities are welcoming, healthy and safe. Our people are connected across generations, cultures, and distance

TE RĀKAU TAUMATUA PLACE

Our people can access affordable and quality places to live. Our shared spaces are places where people want to be

RANGATIRATANGA LEADERSHIP

Our decision-making is collaborative, courageous, inclusive, respectful and acts for the long term. We uphold the values and rights of the people and taonga of our region

PAPA WHENUA INFRASTRUCTURE

Our people have resilient transport, communication and energy networks, and water and waste systems

MĀTAURANGA KNOWLEDGE

Our people are knowledgeable, curious and creative

TE WHAIAO
ENABLERS FOR CHANGE
AND TRANSITION

Who

What

Individuals, Communities

Trusted Data

Iwi and Hapū

Investment

Workers

Policy and Regulation

Business

Science, Knowledge & Technology

Consumers

Mātauranga Māori

Local & Central Governemnt

Market Analysis

NGĀ UARATANGA:
OUR VALUES

Whanaungatanga:

We value relationships, we will work together and with tangata whenua

Manaakitanga:

We care and support one another

Rangatiratanga:

We are excellent in everything that we do

Mana Taurite:

We are inclusive and strive for equity and equality

Pono:

We are honest, open and accountable

Auahatanga:

We are innovative and passionate about what we do

Ngā Taonga Tuku Iho:

We honour and respect our taonga, our legacy

Key Actions

NGĀ MAHI MATUA: OUR ACTIONS

TE TAIAO – THE NATURAL WORLD:

• Zero Carbon Economy

• Zero Waste Circular Economy

• Water Stewardship & Protection

• Regenerative Practices

PŪTEA – ECONOMY:

• Oceans Economy Strategy

• Building an Innovation Ecosystem and Knowledge Economy

• Regional Impact Investment Fund

• Review and Reset of NGO Sector

TE TAUHUTANGA – IDENTITY:

• Te Reo Māori Strategy for Te Taiuhi

• Telling and Preserving our Local Stories

• Regional Provenance and Appellations

TANGATA – PEOPLE AND COMMUNITIES:

• Improved Equity and Service Provision for Health and Mental Health, Education, Employment and Participation in Society, Corrections and Rehabilitation, Local Facilities for the Vulnerable

• Regional Resilience Task Force

• Workforce Retraining, Redeployment, Lifelong Learning Initiatives

TE RĀKAU TAUMATUA – PLACE:

• Smart Affordable Housing Solutions

RANGATIRATANGA – LEADERSHIP:

• Leadership Forum for Ongoing Collaboration and Custodian of the Strategy

PAPA WHENUA – INFRASTRUCTURE

• Regional Local Resilience Plan for Digital Connectivity, Water Management, Clean Energy and Clean Transport

NGĀ TAPUTAPU TIKĀ:
OUR TOOLS

Our Wellbeing Monitor

Our Equity Monitor

Our Wellbeing and Data Project

Our Community Engagement Platform

Our Partnership

- **Wakatū, Whakarewa** Trust and Nelson City Council have chosen to partner with the EU, Central Denmark region, more specifically Lemvig, because of their values, innovation mindset, openness to collaborate and responses and action to climate change.
- Wakatū, Whakarewa Trust and Nelson City Council have established a relationship with Klimatorium in Lemvig, Denmark
<https://klimatorium.dk/en/>.
- Wakatū with like-minded individuals and groups have prepared our concept of Climatorium, Tūpuna Ao Ora.



Tūpuna Ao Ora – Climatorium

- Tūpuna Ao Ora is an opportunity to be good ancestors in climate.
- It is time to restore our relationship with Te Taiao, so that we, Te Taiao (our natural world) and Tangata (our people) are healthy.
- Why is this important? We want to be good ancestors in climate because:

We live in a special place with great people, and we have a regional strategy to guide us.

We have experienced unprecedented weather events that is impacting our infrastructure and affecting the wellbeing of our businesses and communities.

We can lead the change that is required – regionally, nationally, and globally.

We can do much better, by doing better things together, faster.

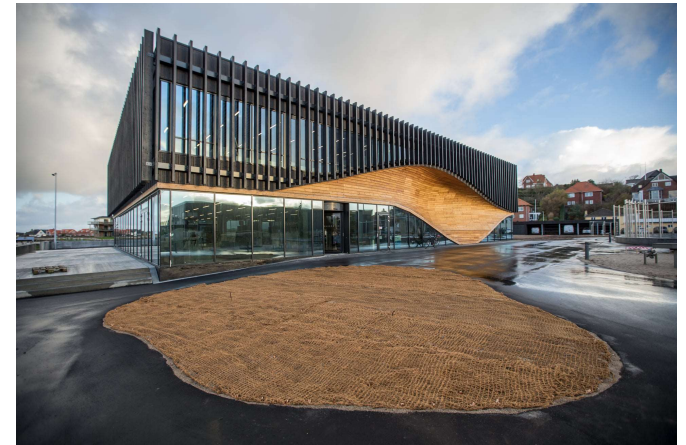
- It is time for this generation to be Tūpuna Ao Ora: Good Ancestors in Climate.



Tūpuna Ao Ora – What is it?

Tūpuna Ao Ora is a world-leading centre for climate resilience based here in Te Taihira that is Māori led and convened. It will bring together hapū, Iwi, communities, business, local and central government, researchers and educationalists to:

- **Explore** how an **indigenous worldview** can offer **rich insights and application** into how populations survive, and build resilience now and in the future.
- **Deliver and Coordinate practical and** scalable climate innovations and education.
- **Participate in and create a** network that is world leading in climate resilience - Denmark, Netherlands, Japan, France.
- **Shape** policy and systems change – locally and nationally.
- It is **not a climate research centre**. It is a climate action centre.



Tūpuna Ao Ora Climatorium

A world-leading centre for climate resilience partnership

TE WHAKAKITENGA OUR VISION

Tūpuna Pono

To be good ancestors in
Climate

**Tūpuna Ao Ora
Climatorium**

A World Leading Centre for
Climate Resilience
Partnership

IMPACT CLIMATE INNOVATIONS

TE TAIAO

- Regenerative & restorative practices on land and sea
- Water stewardship
- Waste strategy
- Zero Carbon
- Future Foods

TANGATA

- Lifelong learning initiatives for all
- Youth engagement
- Participatory democracy
- Wellbeing Indicators
- Health, Arts and Culture

PAPA WHENUA

- Adaptation to sea level rise and flooding
- Water management
- Energy equity
- Clean energy & transport

ROADMAP AND BUDGET

Phase 1: Start-Up
Wakatū to umbrella
Establish team, the establishment of Climatorium programme and priorities, communications, engagement and funding.

Phase 2: Scale-up
New Entity, delivery of Climatorium programme, project development and delivery, building design, invest in local capability and national and international network.

Phase 3: Sustain
Delivery of Climatorium programme and funding in place, Climatorium building is opened.

7-YEAR BUDGET
\$7.4M

START UP PHASE
YEAR 1 \$492K
YEAR 2 \$575K

SCALE UP PHASE
YEAR 3 \$1,072M
YEAR 4 \$1,119M
YEAR 5 \$1,249M

SUSTAIN PHASE
YEAR 6 \$1,388M
YEAR 7 \$1,542M

A UNIQUE HOME FOR THE CLIMATORIUM

Climatorium will start as a collaboration. The vision is for a building to be an iconic representation of Te Taihū and a beacon for the climate movement that will feature leading technologies and building materials, community spaces, 1000 knowledge workers, co-working and incubator spaces, exhibitions of climate solutions, education and learning facilities, art spaces, tourism opportunities and much more.

THE LONG VIEW

Strategies for adding value to members and partners

1. Identifying, supporting and scaling on the ground innovations
2. Generating and sharing knowledge and learnings
3. Shaping policy and systems change

INTERGENERATIONAL OUTCOME AREAS : SAMPLE IMPACT CLIMATE INNOVATIONS

TE TAIAO

Restorative region- make Whakatū / Te Taihu the most restorative place on earth

Industrial organic waste composting / closing of landfills in Te Taihu by 2030

Net Zero carbon emissions strategy

Restoration wetlands and fish stocks

Urban greening strategy- make Whakatū the greenest city, Te Taihu the greenest region

Re-wilding - areas of significant extraction, ecological corridors, natural order & obligations

Blue carbon leadership

TANGATA

Participatory democracy mechanism

Education programmes- primary, secondary, tertiary, executive

Climate Resilience Advice - Eco-design advisory role, adaption, transition to low carbon future

Support young peoples initiatives e.g. create climate capital for young people

Support Mātauranga Māori knowledge capability build for hapū and iwi

Arts, culture and identity

Future foods

PAPA WHENUA

Leaders in adaptation- Sea Level Rise. How to climate adapt a city that is challenged by its location

Water management - better wastewater, stormwater, water storage infrastructure and water quality

The climate road: how to prevent flooding and allow water to penetrate through the asphalt

Walking & cycling to schools

Solar energy leaders

Where river meets the sea: A redesign of the city inviting the water into the city center and creating recreational areas and redirecting the main roads

Improving energy equity

What have we achieved in the last 6 months?

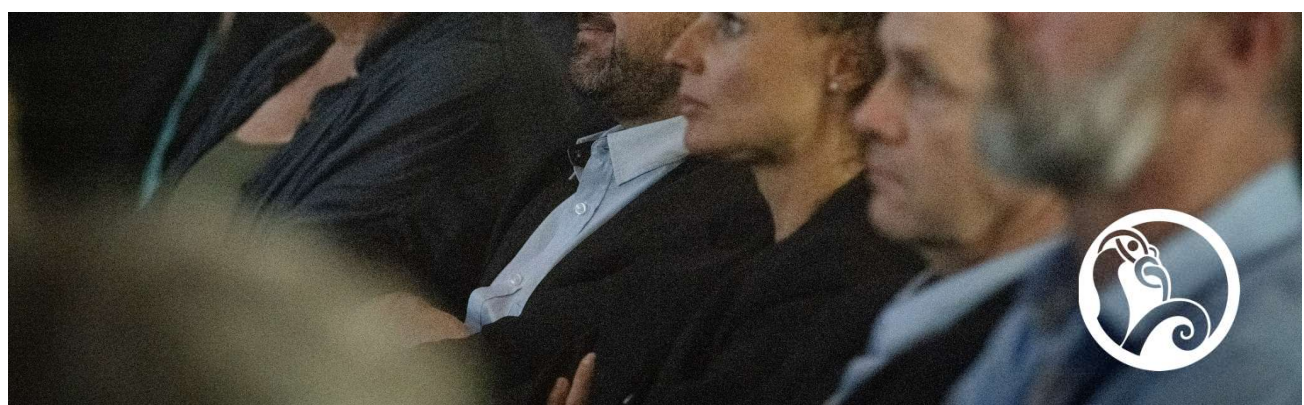
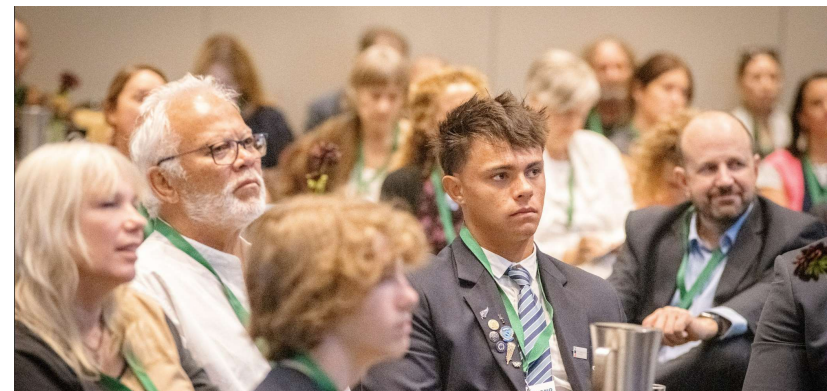
- Held and participated in Rangatahi Climate Hackathon – next step is to build on this and create a 6-month programme include virtual exchanges with young people in Denmark (Oct 2023).
- Completed the Klimatorium concept, business case and investment plan.
- Celebrated regional initiatives in building resilience – community in region – Tūpuna Pono Summit.
- Through the EU IURC we have hosted our Klimatorium partners in March, prepared a work programme which includes our mission to Denmark in August 2023.
- Hosted a European Partnerships and Collaboration workshop – deep dive into the Horizon Europe Fund.



Te Kuru Tao









Tūpuna Ao Ora – The Mission Programme and Focus

- The Mission will take place from Monday 14 August to Wednesday 23 August 2023 with support from EU IURC.
- The mission is to strengthen the relationship with Klimatorium, Lemvig by sharing knowledge and working together on projects that build climate and community resilience.
- Attendees: Iain Sheves, Miriana Stephens, - Wakatū Inc. Rohan O’Neil Stevens – Deputy Mayor, Nelson City Council, Mereama Chase and Joanie Wilson – Whakarewa Trust



Tūpuna Ao Ora – Mission Programme and Focus

1. Climate Resilience: Klimatorium business model and focus, understand the sea level rise modelling and response process being used in Denmark.
2. Aarhus Innovation Park: Gaining ideas and connections to establish something similar in the Motueka West Development.
3. Affordable Housing: Meet with housing developers to see affordable housing models in action. Future Land Use
4. Civic infrastructure: Low carbon or green star or similar building and design of places where communities / people want to be.
5. Green Infrastructure: Energy and Waste.
6. Climate Education: See examples that are intergenerational.
7. Work on our EU horizon funding proposals – building the international networks of Klimatorium and Future Foods / Land use.
8. Meet with the State of Green - connect Danish solution providers to global businesses who want to transition to a low carbon, resource efficient society. Update on their investment strategy and spend.
9. Sister region discussions – Te Taihū and Central Denmark.



Tūpuna Ao Ora

Climatorium

