



BRINGING IT TOGETHER

PROJECT WAI

AN IWI LED SYSTEM RESET



TE RŪNANGA O
TOA RANGATIRA



KO WAI MĀUA



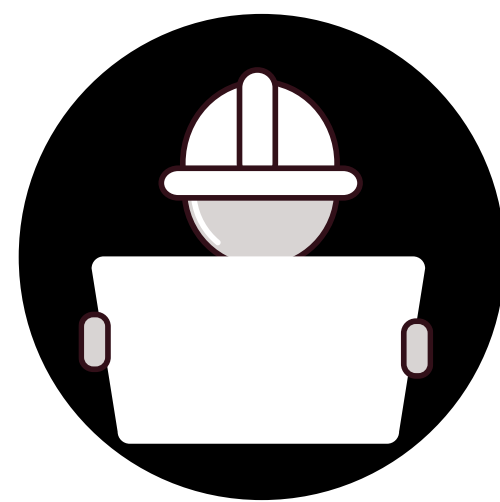


OUR WHY FOR WAI



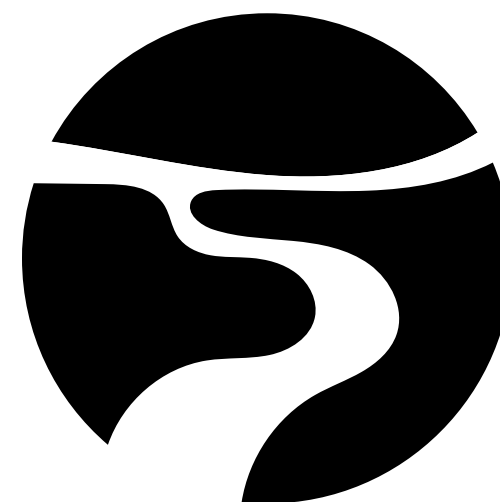
AGING INFRASTRUCTURE

Decades of underinvestment in water systems have led to inefficiencies and urgent maintenance needs.



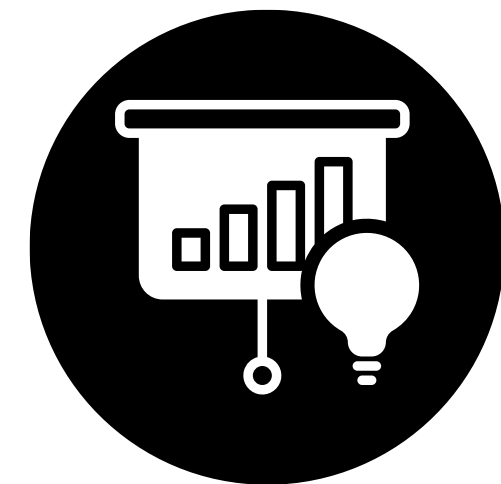
WORKFORCE SHORTAGES

The aging workforce, with an average age of 59, an unskilled youth workforce.



ENVIRONMENTAL URGENCY

Restoring Te Awarua o Porirua is central to our vision protecting its mauri through skilled water professionals who can blend technical excellence with kaitiakitanga.



TRAINING NEEDS

Current training and resources don't meet sector needs, with no integration of Te Mana o te Wai and limited funding for targeted programmes.



**Ko te wai te toto o te whenua,
ko te whenua te toto o te tangata**

Water is the blood of the land, and
land is the blood of the people



TE RŪNANGA O
TOA RANGATIRA

CONCEPT DESIGN

Our Vision



Pre-Trade Academy

This academy is designed as a dual pathway for secondary school students and offers a foundational entry into the water sector. Students will graduate with a Level 3 qualification.



Water Trades Training School

Fully equipped with the plant and equipment. The training is delivered through block courses. Students will graduate with up to a Level 5 in specialised trade. Micro-credentials courses will be available to upskill qualified tradespeople i.e. Plumbers.



Degree Apprentices

For those pursuing higher education in the water sector. Delivered through a hybrid model, merging classroom learning with on-the-job learning

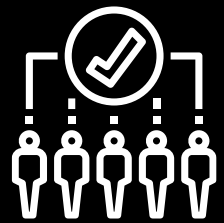
Water Infrastructure Training Facility of Excellence

Training Delivery for: Wastewater, Stormwater and Drinking water grounded in mātauranga Māori and kaitiakitanga, equipping a workforce for sustainable water futures.

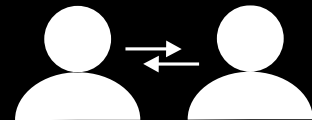
SOLUTION

Shifting the System

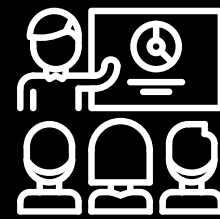
The facility will:



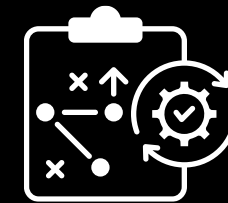
Ngāti Toa
Rangatira will lead
to ensure
mātauranga Māori
is embedded from
design to delivery



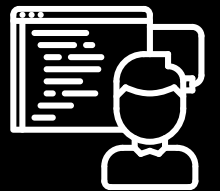
Provide clear
pathways from
school into
infrastructure roles
and reduce drop-out
rates through
pastoral care, and
peer mentoring



Be a purpose-built
facility enabling
hands-on training,
supported by well-
resourced, high-
quality educators
grounded in real-
world practice



Build capability in
trainers through a
dedicated Train the
Trainer programme
grounded in industry
practice and tikanga.
Teach business
management skills.



Align with Te Mana o
te Wai and create
pipeline water
professionals who are
equipped to lead
both technically and
culturally



HOW WE'RE MAKING IT HAPPEN

Partnership & Co-Design

What Sets Our Facility Apart



The facility equips learners with real-world skills, business management skills, cultural understanding of wai, and insight into Māori values and relationships with water. It offers clear pathways to leadership and acts as a revolving door, supporting people to enter, upskill, or advance at any stage of their career.

On-site Reticulation
Network Simulator

Supervisor & Leadership
Training Hub

Micro-credentials to
Upskill Trades



Business, AI & Digital Skills
Credentials

Marketing and Outreach
& Industry Engagement
Base

Network or a whānau unit
that provides mutual
support.

PHASED APPROACH

Facility Establishment



Phase 1

Feasibility & Business Case

- Confirm optimal delivery model (PTE vs. partner)
- Engage sector and iwi partners
 - Complete facility scoping, workforce modelling, and financial planning
- Produce an investment-ready business case and governance proposal
- Establish a procurement plan for the phases



Phase 2

Pilot Programme Train the Trainer

- Launch a limited pilot focused on supervisor training to first build training capability.
- Deliver training using block-course format
- Test wraparound supports: Tuakana-Teina, whānau units, and Kaitiaki Wai components
- Gather learner and partner feedback to inform scale-up



Phase 3

Facility Development

- Construct and activate the physical training site in Porirua
- Offer full infrastructure trades training streams
- Embed Kaitiaki Wai credential across all levels
- Formalise delivery partnerships and begin enrolling at scale



Phase 4

Regional Expansion & Scaling

- Extend delivery to additional iwi and regions
- Establish satellite programmes, mobile trainers, or shared campus models
- Continue adapting to industry needs (e.g. drinking water reform, resilience training)
- Create a national model for iwi-led infrastructure training



LIGHTNING DEMO

Looking to the Future



INNOVATING TRAINING SOLUTIONS TO BUILD THE
FUTURE WATER
INFRASTRUCTURE WORKFORCE