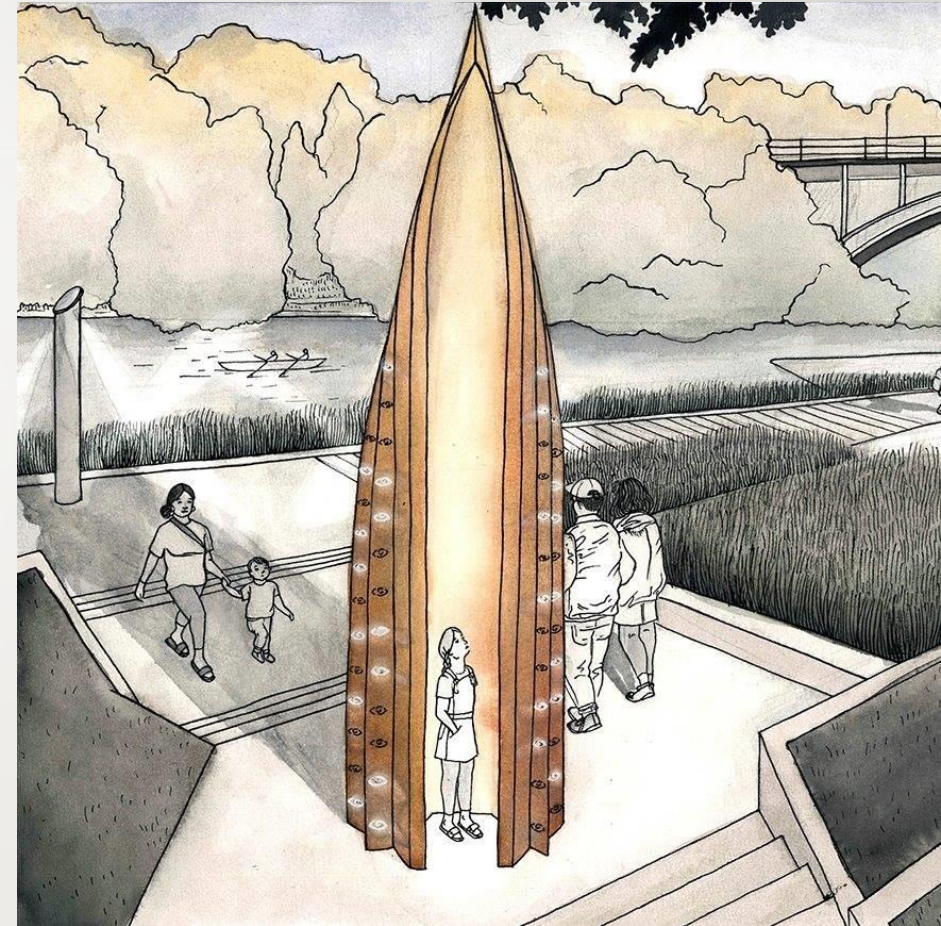


He Waka Eke Noa

We're all in this together

Embedding *Māori* achievement:

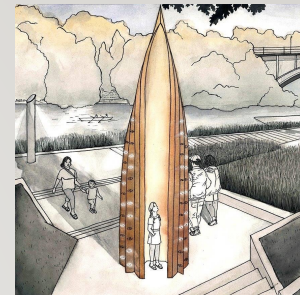
An innovative example



E mihi ana ki.... a Ranginui e tū nei, ki a Papatūānuku e takoto nei	I acknowledge Ranginui who stands and Papatūānuku who lies below
E mihi ana ki.... te whare e tū nei	I acknowledge the building that stands here
E mihi ana ki te Kīngi Māori me tōna whare tapu	Greetings to the Māori King and his sacred house
E mihi ana ki... ngā mate, haere, haere, haere atu rā	I acknowledge those that have passed on, take care on your journey
E mihi ana ki... ngā kaiwhakahaere mō ā koutou mahi	I acknowledge the coordinators for your work
E mihi ana ki ōku hoa mahi mō ā rātou mahi	I acknowledge my colleagues for their work

Ko <u>Slieve Bawn</u> te puke	My ancestors come from the hill of Slieve Bawn,
Ko <u>Lough Ree</u> te roto	and the lake Lough Ree,
Ko <u>cupid</u> te waka	where the ship Cupid sailed.
Ko <u>Irangi</u> te iwi	My ancestors are Irish,
Ko <u>Leonard</u> te hapu	from the Leonard family,
Ko <u>Roscommon</u> te marae	in the place called Roscommon.
I tipu ake ahau I <u>Onewhero</u>	I grew up in Onewhero, Aotearoa
Ko <u>Brent</u> toku ingoa.	My name is Brent,
Norera, Tēnā koutou (x3)... katoa	and I'm honoured to introduce myself to you all.



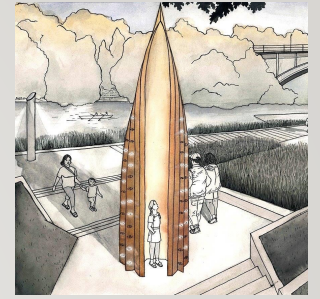


Topics, programme

Kaupapa

- Welcome & Introduction
- Why?
- How?
- Example: Waka Project
- Reflection, Questions, Discussion

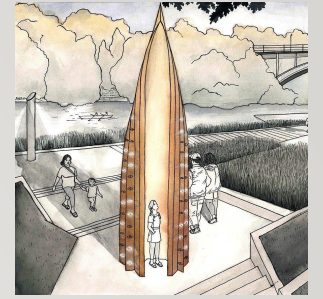
Be inspired to increase
ako, tikanga and te reo in
your teaching practice



Māori achievement – Why?

- The Treaty • Te Tiriti o Waitangi:
- partnership, protection, participation
 - ITP Organisational goals
 - Success rates gap (vertical or horizontal?)
 - Prepare non-māori students for the workplace
 - Personal & professional growth

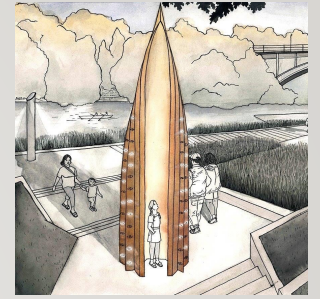




Māori achievement – How?

Wintec Māori achievement strategy

Te Reo	Māori language and pronunciation
Tikanga	Māori cultural practices and etiquette
Te Tiriti	Understanding the Treaty of Waitangi and how it applies at Wintec
Ako	Māori teaching and learning pedagogies
Ahurea	Māori culture and society



Māori achievement – How?

- Using te reo māori Māori language
 - mihi, Greetings
 - whakatauki, Proverbs
 - karakia, Prayers
 - waiata Songs

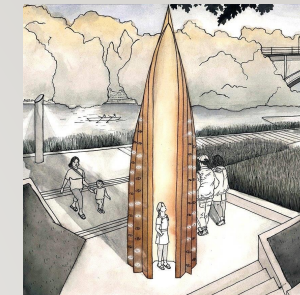
Relationships

- Whānaungatanga

Talking

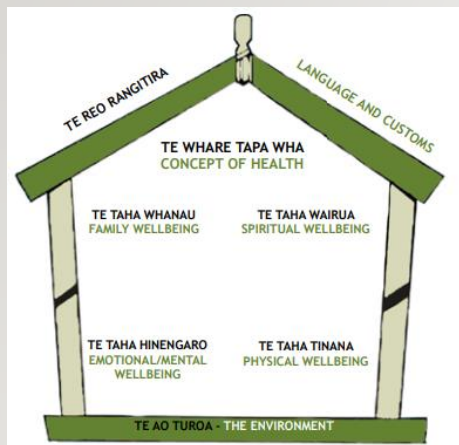
- Korero with colleagues, students, experts





Māori achievement – How?

Respecting te ao māori
māori world view(s)



Te whare tapa wha
4 aspects of wellbeing



Projects with mana whenua...
local people having
authority in the area

Experience

Prof Angus MacFarlane

(AAEE keynote)



Te Whare Wananga
o Waitaha

Learning

Ako collaborative learning

techniques



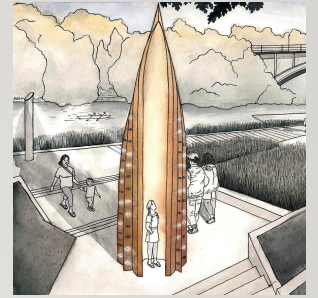
Waka Project

Canoe, vehicle

“embedding māori achievement
in real-world learning”

Joe Citizen, project lead artist

He Waka Eke Noa



“The purpose of the **Māori Achievement unit** is

to advocate for the development of Kaupapa Māori and the implementation of good practice, which helps Māori students succeed and raises the profile of Māori achievement at Wintec.”



Wintec
WAIKATO INSTITUTE OF TECHNOLOGY
Te Kuratini o Waikato

**WAIKATO
TAINUI**

**AWARE
GROUP** (I.T.)



LONGVELD

wairua > our binding spirit

(Workshop, Detailed design)

**Totally Wired
Electrical**

ACLX

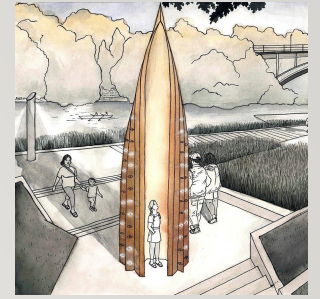
(Lighting control)



Hamilton City Council

Te kaunihera o Kirikiriroa

(Site works, consents)



Waka Project

Canoe, vehicle

“embedding māori achievement
in real-world learning”

Joe Citizen, project lead artist

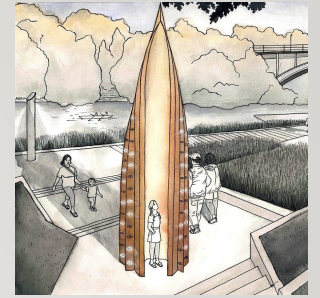
JOURNEY

- Co-creation
- Maori Culture - Arts – Engineering – IT - Communication
- Mutual understanding
- Authentic experience

PHYSICAL ARTEFACT

- Steel structure 7m tall
- Concrete foundation
- Hundreds of LEDs
- Sound System
- Intelligent, networked system





Waka – Engineering Students

Canoe, vehicle

- Mech
 - Structure design
 - Fabrication
- Elec
 - Solar feasibility study
 - Mains power design
 - Wiring & testing
 - Remote sensor setup & installation
- Civil
 - Foundations geotech analysis

Voluntary,
Extra-curricula

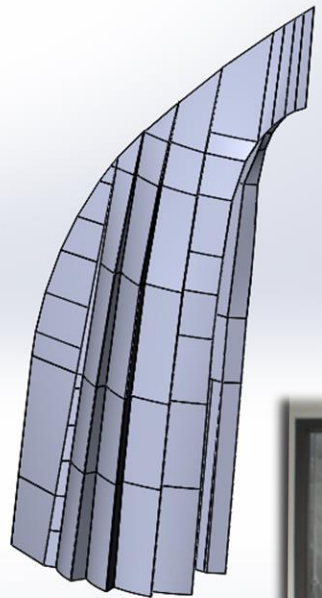
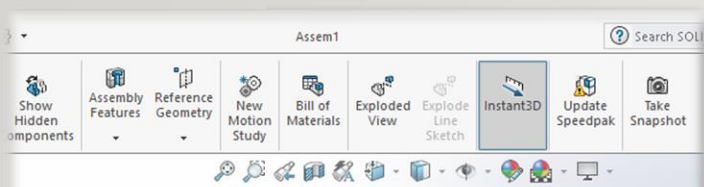


Image: Tully Billett



Photo: Joe Citizen

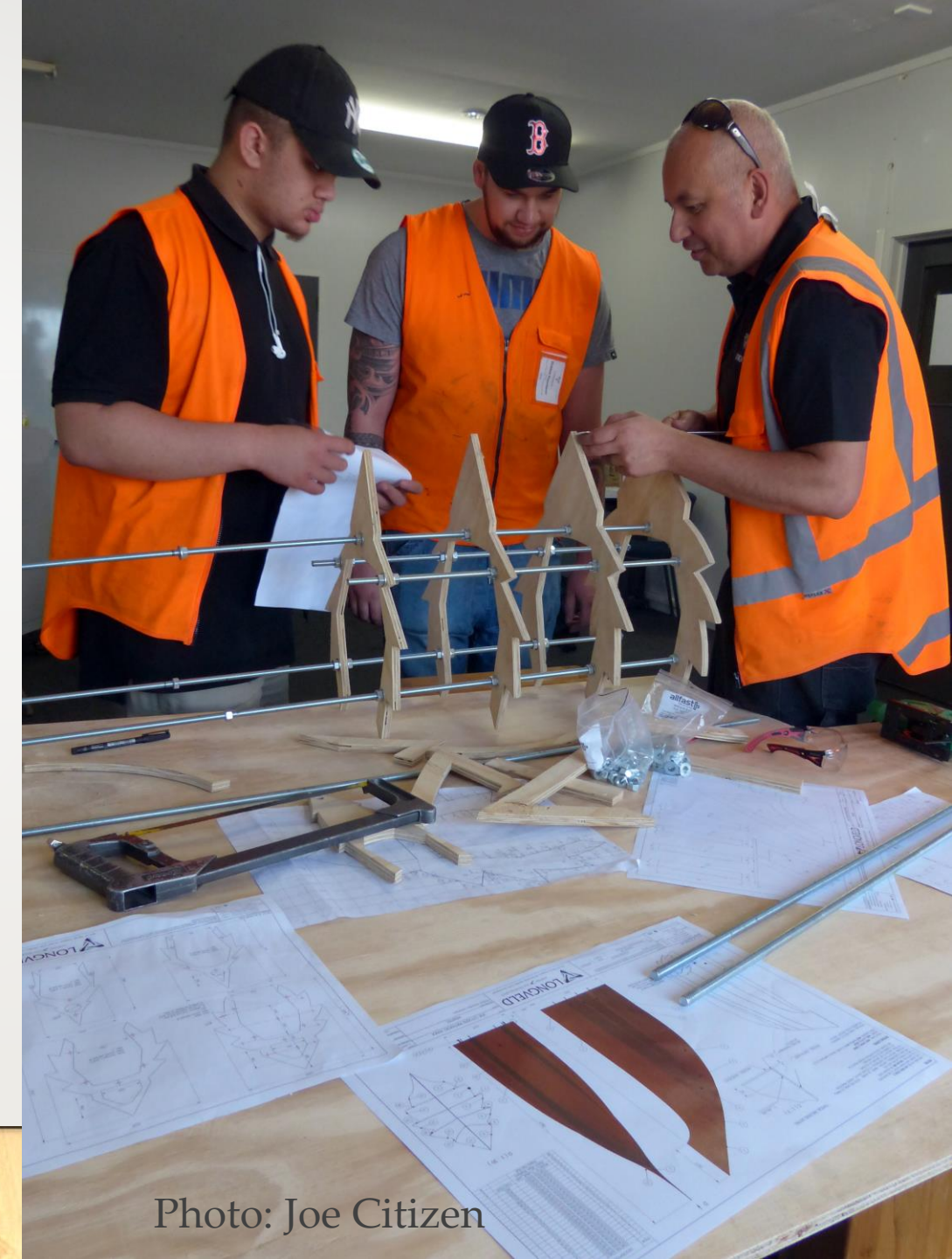
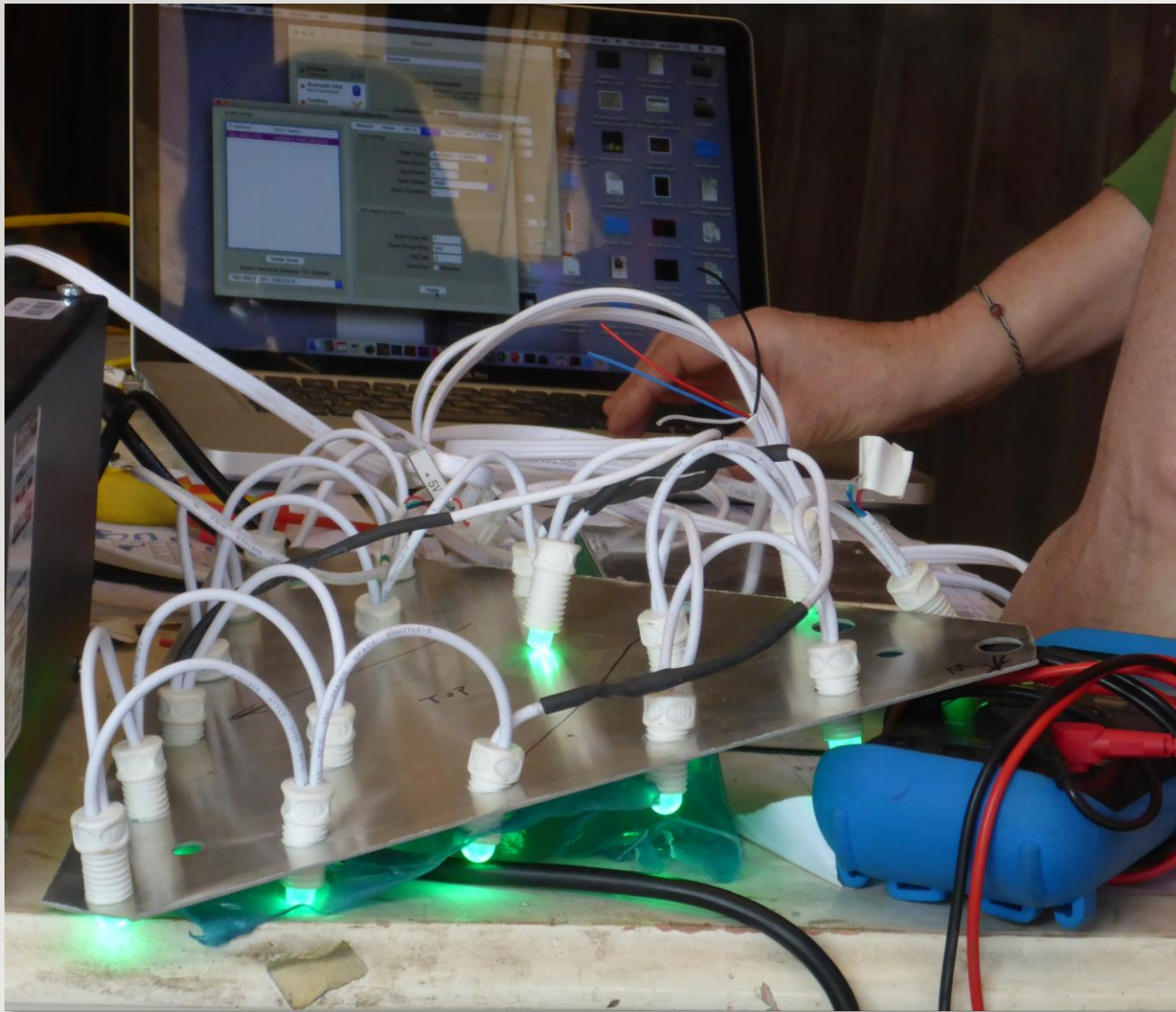


Photo: Joe Citizen



Photo: Ying Wang





Mahi Tahi

An exhibition by Ying Wang

5.30pm Thursday
25th October
52 Alexandra st
X block

Documentary photography
of the Matariki Waka Project by
Ying Wang: Engineering
students bring Tōia Mai to life

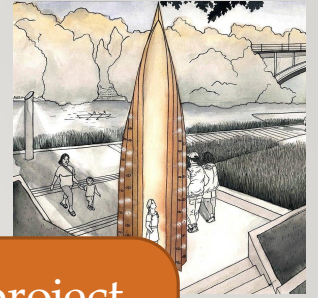


Image:
Jordan
Foster



Photo:
Awhina
Kerr

Unveiling of Tōia Mai

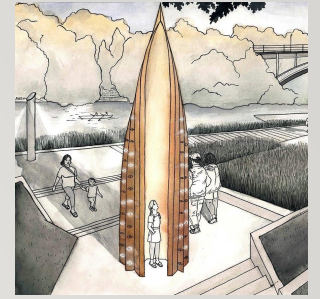


“my waka baby”
(Geng Xu, NZDE Elec Eng)

“To play a part in such a project,
even if that role was tiny, was an
incredible experience.”
(Juliann Smith, Graphic arts)

“Before this project, I never
knew what a waka was”
(Arjun Ravi, NZDE Mech Eng)

“embedding māori achievement
in real-world learning”
(Joe Citizen, project lead artist)



Reflection

Whaiwhakaaro

- Welcome & Introduction
- Why?
- How?
- Example: Waka Project
- Reflection, Questions, Discussion

Whaiwhakaaro, Patai, Korero

Be inspired to increase ako,
tikanga and te reo in your
teaching practice

brent.phillips@wintec.ac.nz