

# WHAKAORA

CREATING A NEW LIFE  
DAYLIGHTING THE WAITANGI STREAM



Country / City Wellington, New Zealand  
University / School Victoria University of Wellington  
Academic year 2016  
Title of the project Whakaora. Creating a new life daylighting Waitangi stream.  
Authors William Hatton and Yousr Ali



# PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC

ETSAB- Escola Tècnica Superior

d'Arquitectura de Barcelona

Avenida Diagonal, 649 piso 5

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## TECHNICAL DOSSIER

Title of the project	Whakaora. Creating a new life daylighting Waitangi stream.
Authors	William Hatton and Yousr Ali
Title of the course	LAND412 (landscape architecture design research) & LAND421 (urban technologies)
Academic year	2016
Teaching Staff	Martin Bryant & Brennan Baxley
Department/Section/Program of belonging	Landscape Architecture
University/School	School of Architecture - Victoria University of Wellington

### Written statement, short description of the project in English, no more than 250 words

In consideration to the Anthropocene, this design-based studio project focuses on rethinking and redesigning for a vital but underserved part of Newtown, Wellington.

This project considers the restoration and regeneration of landscapes to make them adapt to urban growth and to celebrate the way Wellingtonians identify with their endemic cultural landscape. Wellington's rich natural and cultural history surrounding the Waitangi stream currently runs through a culvert under a poor urban fabric where building owners struggle to rent properties due to high costs of seismic reinforcements.

This design offers a partnership solution between the local community, iwi and government to daylight the Waitangi Stream, remove outdated structures and construct high density, mixed use buildings along the periphery. Finally an additional information infrastructure brings WHAKAORA (the creating of life) by allowing the expression of old and new narratives to the future of Newtown with the aid of geo-spatial technology.

For further information

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Consult the web page <http://landscape.coac.net/>

# TE TAWHITO

## ACKNOWLEDGING THE PAST



IMPRESSIONS OF THE PAST

# I NAIA NEI

## UNDERSTANDING THE PRESENT



256 ha  
Total Area



9297

Total population of Newtown  
2016

12610

Projected population of Newtown  
2043

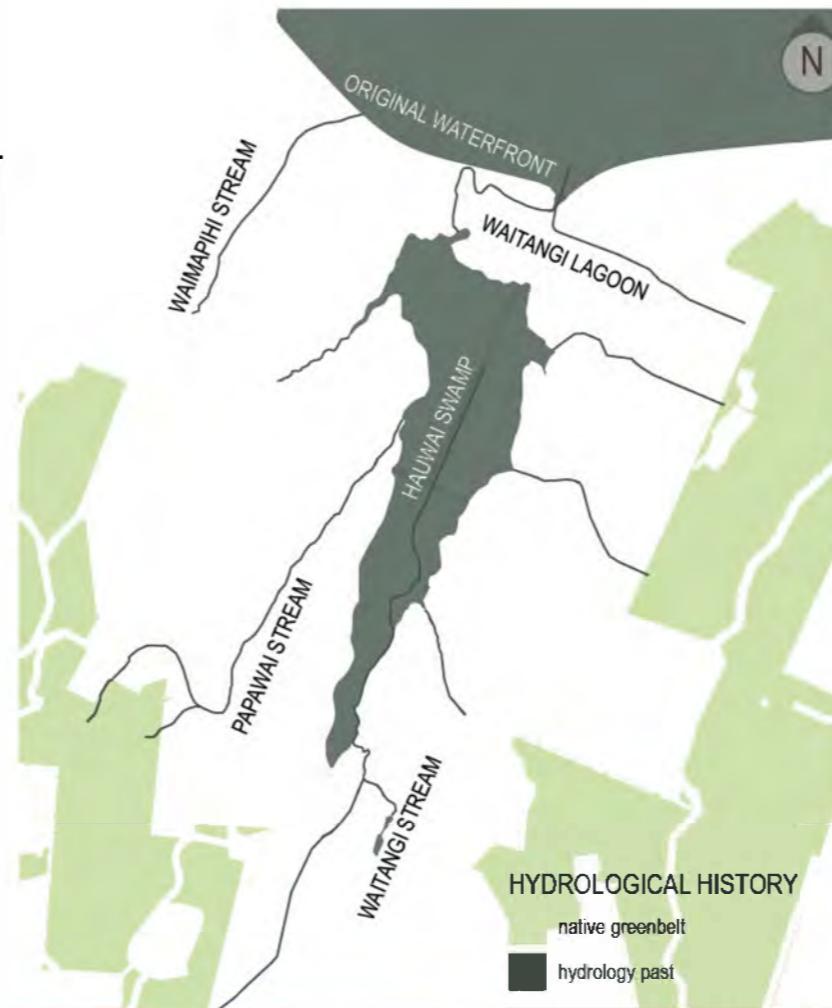


33.1%

Of the Newtown population were  
born overseas, predominantly in  
Asia.

33.2%

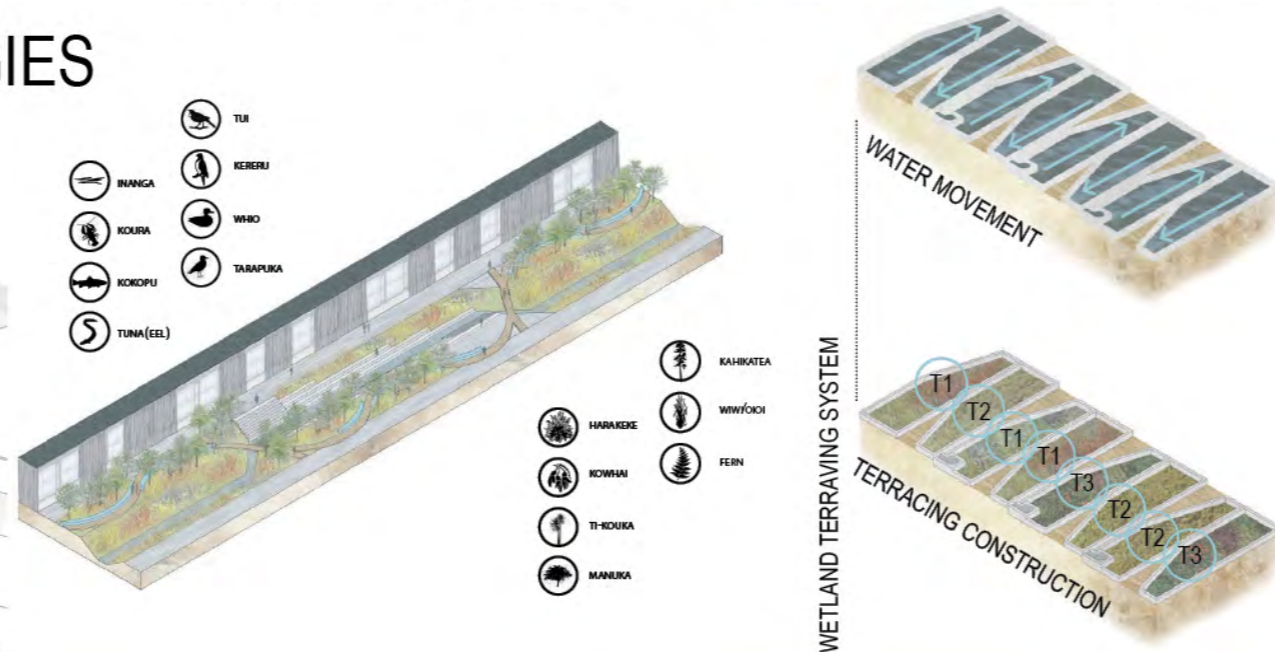
Speak a language other than  
English.





## DIVERSIFYING WATER ECOLOGIES

SMALL-SCALED WATER RESTORATION - PAPA WAI STREAM



# RECREATING MOMENTS IN TIME

## SMALL-SCALED APPLICATION - WAITANGI SPRING/STREAM

### PHASE 1



WAITANGI SPRING - SOURCE (waterwall abstraction)

### PHASE 2



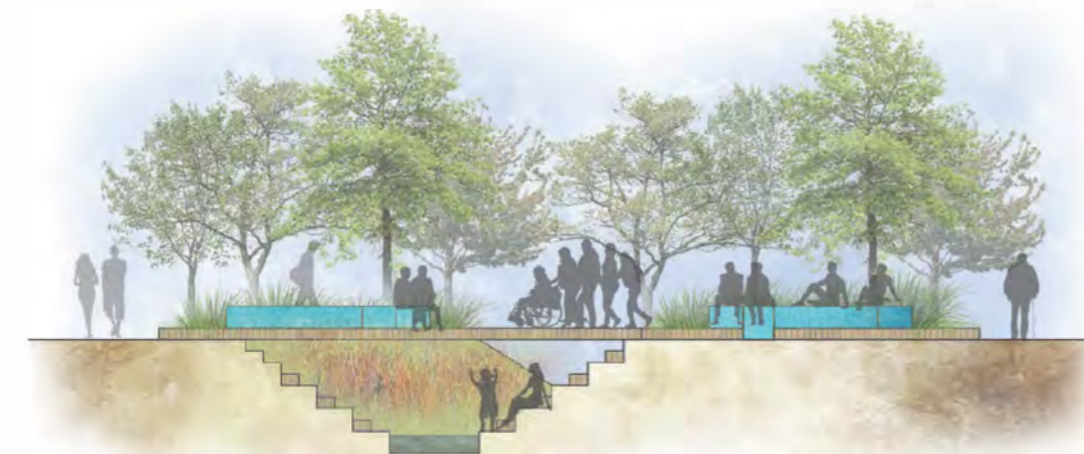
WAITANGI SPRING - TREATMENT POND (meandering retention wetland)

### PHASE 3

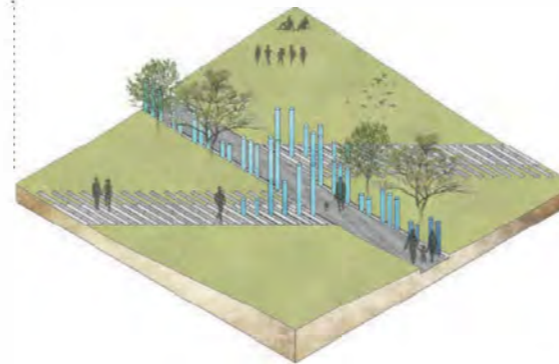


WAITANGI SPRING - PLAY (waterpipe play - water spouts)

### PHASE 4



WAITANGI STREAM - ADVENTURE (reconnecting with nature)



### PHASE 1

Water is pumped up into collection ponds, treated, pumped up & falls down along the walls enclosing man & water. Replicating springs form at the top & fall into the pito of the landscape.

### PHASE 2

Water is treated via ponds where the meandering effect draws people to experience the space. Water is treated for play within the next phase emphasising the beauty of the Waitangi stream catchment (a microcosm)

### PHASE 3

Water is pumped up into the piping feature & creates a spout formation water falling. Human interaction gathers the concept of being open whilst enclosed.

### PHASE 4

Water is directed into the re-established Waitangi stream where water becomes an adventurous element moving in amongst the urban fabric connecting man, nature & infrastructure.



RE-ESTABLISH NATURES SOURCE



URBAN RECONNECTION



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