

The project is “in the pipeline” and the latest documentation has been submitted to Te Puni Kōkiri which includes.

- Updated Project Viability Assessment Tool, showing the viability of the project and the types of rental houses that will be built via a *master build contract* from Premium Homes Ltd, Christchurch, using the “*forever breathe specification*,”
- Loan details via Kiwi Bank to be funded via the rental income,
- Suppliers List, 16 subcontractors and up to date quotes,
- A project control document showing prices and quotations added to the PVAT,
- List of those showing interest in the 10 affordable rental homes,
- Updates on sewage outlet and housing consents.

The Matekuare Whanau Trust has received two registrations of interest from whānau for the Stage 1, 10 rental homes via Matekuare Whānau Trust website: <https://www.matekuare.co.nz/register/> . The Trust is still receiving expressions of interest.

Also 11 registrations of interest were received from the AGM held on the 13th of April 2024. Potential renters of new homes are aware that a weekly rent commitment in the vicinity of \$280 -300 per week.

Whare Ora Development Trust :Community Housing Provider

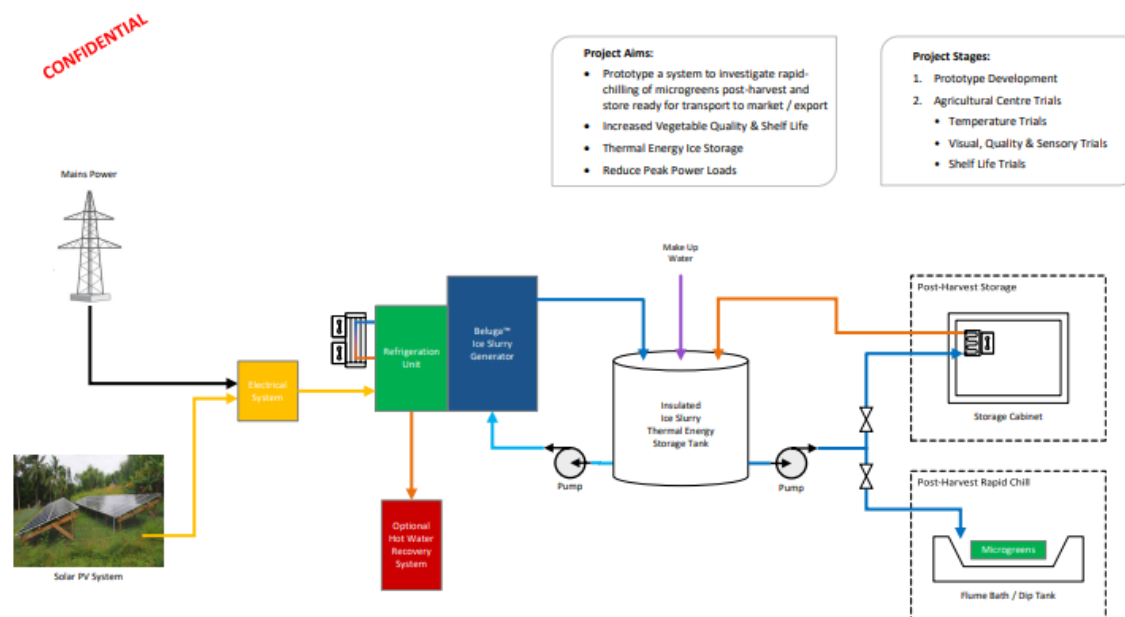
The Whare Ora Development Trust is currently applying to the Community Housing Regulatory Authority so that the Matekuare Whanau can benefit from funding for social and community houses. This will assist with Stage 2 development for those who can get on the “housing register”.

Community housing is rental housing provided by registered community housing providers (CHPs), rather than private landlords. It is long-term rental housing, provided under the rules set out in the Residential Tenancies Act 1986. The Whare Ora Development Housing Trust has now taken the responsibility of being the lead agency responsible for the planning and building of social homes across the four housing programmes Tāwhitiwhiti (Stage 2), Minginui, and Waireporepo that aims to house approximately 400 people.

Te Whaiti Microgreens; Whānau Business Opportunity

Supported by Clarke Engineering, Hastings, Convex NZ and SCION Research a proposal has been submitted to Ministry of Primary Industries , Māori Agribusiness Innovation Fund, to support the development of the microgreen’s facility being established in the “agricultural barn” and sustainable packaging solutions . The initial focus will be on growing and presenting native greens (Puha, Watercress, Native Spinach, Horopito, Kawakawa and Pikopiko) to high end restaurants /specialised markets using sustainable packaging that will increase the quality and shelf life.

See below the Prototype Microgreen Chilling and Storage System developed by Clarke Engineering Ltd,



Matekuare Whānau Trust
Prototype Microgreen Chilling & Storage System

A meeting was held on the 4th of July at Convex that helped with the planning and training for the *Te Whaiti Microgreens*.



Hinerangi and Tony with: Edwin Perry , Convex CEO (Owen Embling) and Technical Staff , Sarah Bailey (Callaghan Summer Rand D Researcher) , Richard Clarke (Clark Engineering) , Stephen Cox (Innovation Manager), and whānau , (Greg Olsen , Abraham Koroa and Mauriora Koroa)

Convex NZ , a sustainable packaging Company who have successfully developed several world-first sustainable packaging technologies and products and has offered to help with the initial microgreens packaging (compostable clear bags), post-harvest testing and a 3-day training package for whānau.

Callaghan Innovation; Summer R and D Experience Grant 2024/24

The Matekuare Whanau Trust has been awarded a R and D Summer Experience Grant, \$10,400 for a Unitec design student to compile a series of sustainable packaging designs for Te Whaiti Microgreens, as well as provide a realistic market plan for *Te Whaiti Microgreens*. Sarah Bailey's report provides a pathway for commercialising a unique harakeke based sustainable packaging system using harakeke .

See extracts showing harakeke tray concepts, native greens that grow at Te Whaiti, existing Microgreen products using plastic containers, and the recommended branding for Te Whaiti Microgreens.



Better Health Outcomes for Tenants at Tāwhitiwhiti

An application will be made to the *Health Research Council; Ngā Kanohi Kitea Community Advancement Fund* in March next year, when the Matekuare Whanau expect the housing project to start.

The Ngā Kanohi Kitea Community Advancement Fund is an opportunity for iwi, hapū, other Māori organisations, and Māori researchers or research teams to undertake self-identified health research that can make a direct and significant difference to the health and wellbeing of their communities.

The rental homes will include a monitoring system that will be used to provide important information on the improved air quality and the research will analyse the data and monitor its effects. The research proposal will analyse the improved respiratory health of whānau tenants moving into the new rental housing.

Breathe easy in a Foreverbreathe Home

The Foreverbreathe Specification delivers exceptional air quality and energy efficiency through a sophisticated combination of high-performance materials that work together to naturally reduce indoor humidity while managing air tightness. Mechanical ventilation is limited to bathrooms, kitchens, and laundries. This saves on energy bills for ventilation, heating, and cooling.

Components used in the specification are carefully chosen to remove hazardous chemicals from the home, and ensure materials are sustainable and high performing. With the Foreverbreathe Specification, you can breathe easy in the knowledge that your space is a healthy place.



Research Synopsis

“The high local incidence of respiratory disease is believed to be exacerbated by the poor standard of housing in the area. The research themes included the proposal include the health and wellbeing of the Matekuare whānau members and the improved environmental (living) conditions of the occupants of new homes as opposed to the substandard and unsafe housing in which they currently live. This research will determine how living in modern housing interiors at Tāwhitiwhiti will improve respiratory health through linking in whānau who have already had respiratory health testing completed through an earlier study.