



LOWER HUTT

**COMMUNITY
CLIMATE CHANGE
RESPONSE**

KOROKORO HUI

UNITING FOR CLIMATE ACTION

30 MAY 2021

KOROKORO SCHOOL HALL

HUTT CITY
TE AWA KAIRANGI

CREATIVE|HQ

About this document

// Korokoro Climate Hui – Design Log

This document shows the extraordinary work and commitment of the Korokoro community as they *Unite on Climate Action*. We are extremely grateful for all those who came to our hui and gave us so much of their time. It was a wonderfully insightful engagement with some really astute questions and much discussion. The non-alcoholic mulled wine on such a wet day warmed the heart - thank you.

This is not intended to be a comprehensive report, but a visual capture of the work done during the hui. We reserve the right to make corrections.

Lower Hutt Community Climate Change Response

Aug
Update

The climate crisis requires government and all individuals, businesses and communities across the country to take prompt action to do our part to limit global warming. This is a big task and will take huge effort from the whole of our community to make it happen. The community engagement hui have provided extensive insight through May and June 2021. Thank you for your continued support and leadership in the face of climate change. [Keep the momentum going!](#)

Video link:

www.climate-action.co.nz/video



Share the video



Spread the word



Get involved



What the Korokoro community got up to!

We opened with a warm welcome, and Lower Hutt Community Climate Response video and karakia. A big thank you to Daniel Jones who brought so many people together for the hui.

We covered the following topics during the workshop:

- An outline of the growing community action to help Te Awa Kairangi ki Tai, Lower Hutt meet the net zero carbon emissions target by 2050
- We talked about Lower Hutt's carbon footprint which is heavily skewed to transport and stationary energy. This included the impacts of climate change already manifesting in flooding and sea-level rise.
- Josh van Lier shared the regional activities underway within the Greater Wellington Regional Council.
- Explored actions the community were already undertaking and what their ambitions are and where change needs to happen.
- Identified some of the unanswered questions and how the community wanted to stay in touch.

Community insights and priority areas *(to date)*

Lower Hutt Community Insights

During April – June 21 over 300 community representatives across 18 climate hui engaged in the process. In July we will be ramping up engagement with mana whenua and the Lower Hutt Chamber of Commerce is co-hosting the business engagement.

This document captures the community's input and voice 'in their words'.

It identifies the priority areas of interest for this group. The information in this document informs part of the community insights synthesis which can be found at: www.climate-action.co.nz/insights



Te ao Māori Principles



Community Education



Connected Community



Behaviour & Mindsets



Leadership



Keep it Up!



Transport Emissions



Electric Vehicles



Public Transport



Alternative Transport



Active Transport



Transport Infrastructure



Natural Environment



Renewable Energy



Energy Efficiency



Water Efficiency



Waste Management



Green Economy



Urban Design



Climate Resilience



Starting with context

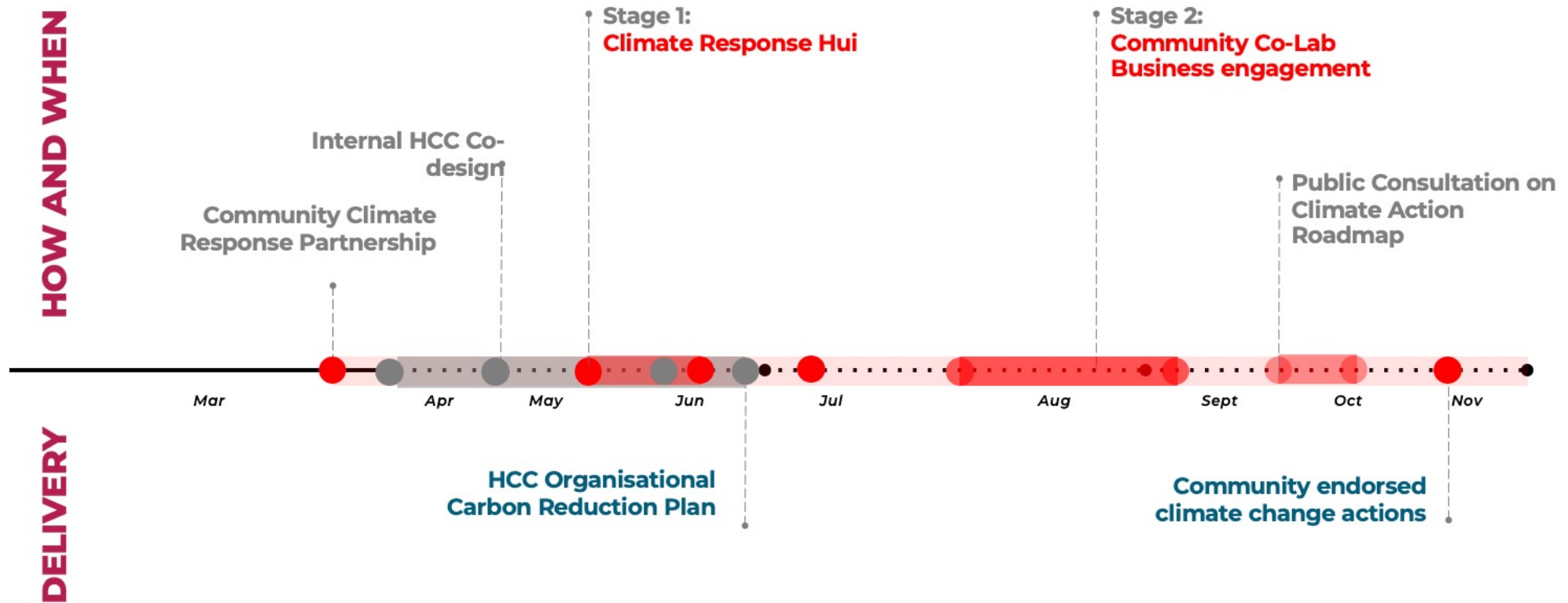
We shared with the community a little about our programme and the challenge we face in Te Awa Kairangi ki Tai Lower Hutt around climate change.

Josh van Lier shared the regional activities underway with the Greater Wellington Regional Council.



Starting with context

Community engagement 2021





Starting with context



- The impact of climate change **will be far reaching** – affecting public health, biodiversity, property, infrastructure, communities and the economy.
- Aotearoa has committed to **net zero carbon emissions by 2050**. Achieving this target requires all individuals, businesses, communities and government taking prompt action to do our part to limit global warming.
- “Science is clear: if we fail to meet these goals, the disruption to economies, societies and people caused by COVID-19 will pale in comparison to what the climate crisis holds in store.” UN Secretary-General António

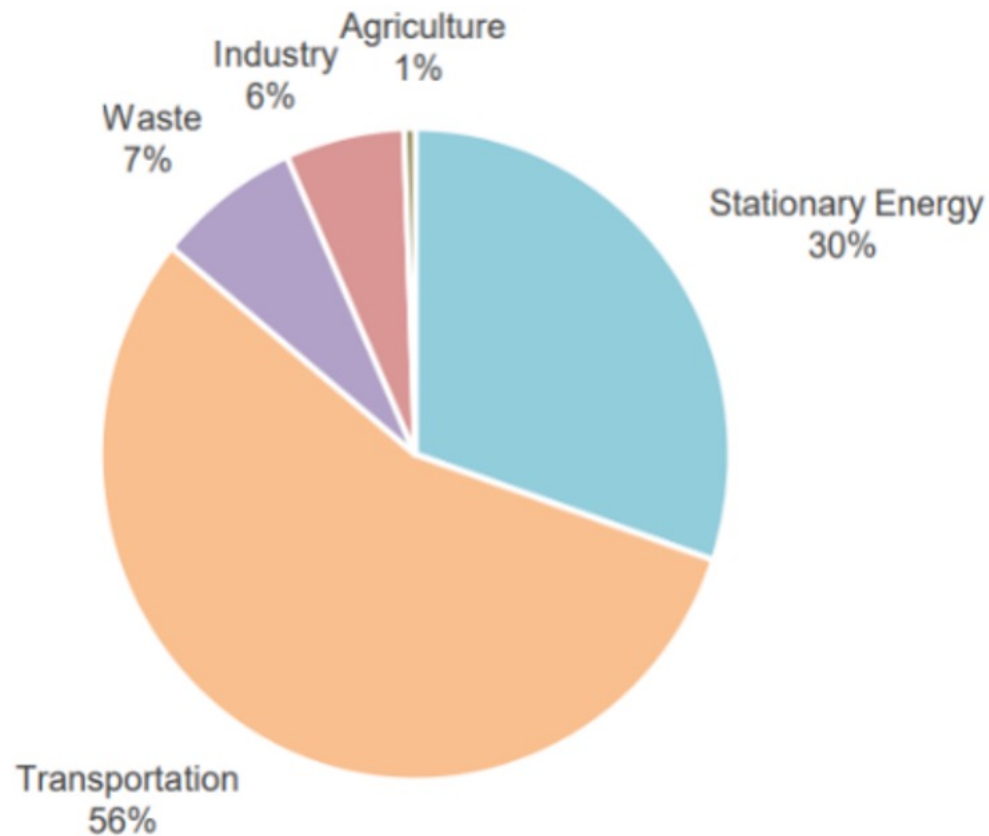
Guterres.



Starting with context

Lower Hutt's GHG Emissions

To achieve **net zero emissions by 2050**, Lower Hutt needs to reduce net emissions by an average of **16,589 tCO₂e per year** – which is around **3.4%** of current emissions.





Starting with context

Lower Hutt's changing climate



Flooding

- Lower Hutt city is located on the most densely populated flood plain in New Zealand.
- More intense storms (large waves and tides), heavier rainfall and flooding from sea-level rise.
- Flood protection – e.g. RiverLink (safeguard up to 3,000 homes, five schools and 600 businesses).



Starting with context

Transport

TRANSPORT

HOW WE TRAVEL TO WORK:



14%



66%



6%



4%



2%



1%

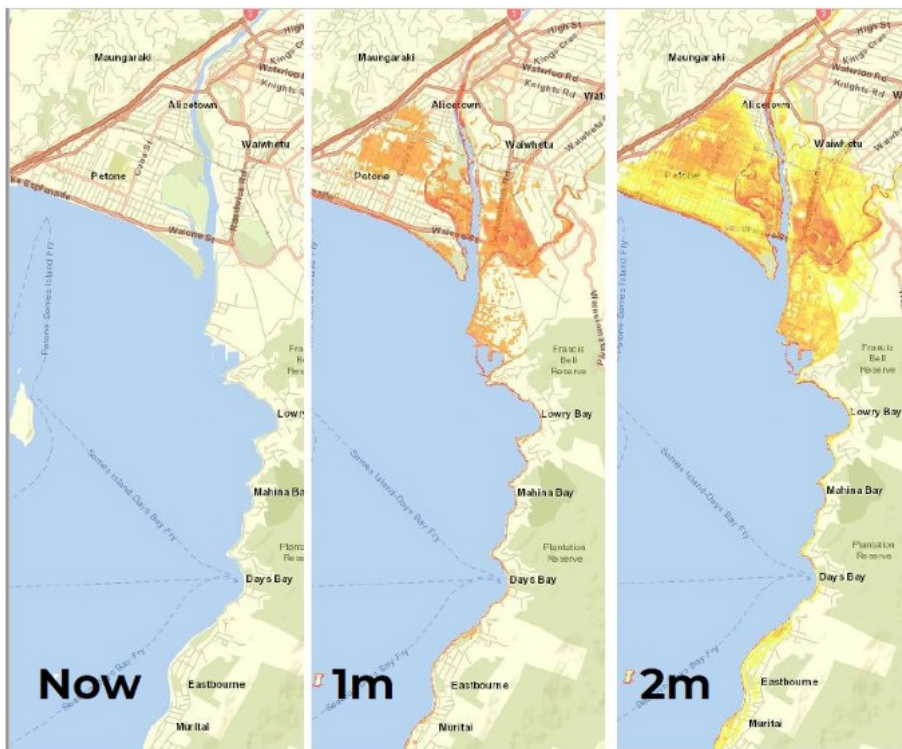


8%

work from home



Starting with context



Sea-level rise

- NIWA predicts between 40cm-1m sea-level rise by 2100.
- Two-thirds of New Zealanders live within 5 km of the coast.
- Nearly 178,000 people are potentially exposed to a one metre sea-level rise.
- Including Lower Hutt's low-lying coastal communities.

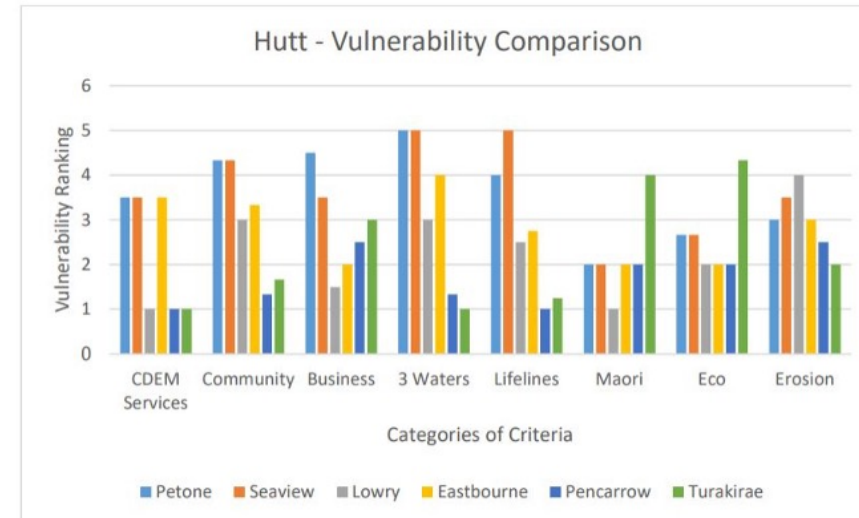


Starting with context

Lower Hutt's Coastal Vulnerability

1. **Seaview** is the most vulnerable coastal area.
2. Followed closely by **Petone**.
3. **Eastbourne** is the third most vulnerable coastal area.

(Mitchell Daysh report)





"One thing that strikes me about Korokoro is that it's very much about small neighbourhoods."

"Quite a lot is done at the community level but there are all sorts of things that neighbourhoods could do to engage [in climate change]"



"You really need to focus your energy on where you can make a difference. We have to be really focused in our conversation today"

Key Focus

Areas

K O R O K O R O C O M M U N I T Y



01 What community actions are already underway?



02 What would you like to do as a community or individual? What needs to change?



03 Where will we have the biggest impact? What are the overarching hui themes?



04 What else? How does the community want to stay in touch?



What is happening in our communities now?

The workshop focused exercises around 3 key questions. Participants were invited to capture what they currently saw happening in their communities and then think more broadly about what they aspire to do and what the barriers might be to enabling those aspirations to happen.

Participants contributed individually, as teams and in group discussions.

The three key focus areas were:

- What are you doing now?
- What would you like to do?
- What needs to change?



What are we doing now?



Community action

Natural environment

Planting trees

Native tree raising and planting

Trapping pests, preventing damage to forests

Working with a professional group on how to address climate change issues

Careful water use

Education and awareness

Environment groups at Korokoro school propagating native trees and planting in regional park

Educating students on importance planting in our community

Education advocacy

Waste and recycling

Recycling furniture and clothing

Recycling packaging

Individual action

Transport

Using public transport and not a car

Driving electric car

Cycling

Working from home

Improving digital connectivity

Energy

Trying to use less energy in the house

Building energy awareness (use of)

Building a passive house

Building insulated houses

Conserving cosmetic electricity

Food and produce

Producing food at home

Reducing dairy and meat consumption - more vegan

Composting green and food waste

Efficient food distribution



What would you like to do?

Community connection

Feel part of constructive action in my neighbourhood

Advocacy

Not sure what the neighbourhood could do to make a difference, not just tinker at edges

Education and awareness

Shift from consumerism (shopping) to living (activities)

Active city

Natural environment

Increased planting

See more schools involved in tree planting

Increase urban to suburban native planting

Collect more water for home use

Water metering to enable more effective water use

Waste and recycling

Zero waste

Close recycling loop and reduce waste

Shared composting

Efficient food distribution

Transport

Use public transport more

More frequent buses on rain routes

Completion of Hutt to Wellington Cycleway

Drive the car less

More electric cars, cycles, walking

Work closer to home

Purchase EV transport

Ban diesel vehicles

More affordable EVs

More EV charging stations

Active promotion of EV selling businesses

Energy and efficiency

Local renewable energy generation (wind and solar)

Resource reuse

Insulate home



What needs to change?



Individual and community action

Staying home, walking

Understanding where individual effort fits in to the wider issues

Vege co-ops

Education and engagement

Better info on low carbon alternatives

Hutt News 'fun' articles that promote climate change reduction without mentioning climate change

HCC produced waste-free events guide e.g. school disco waste free

Schools given the resource and teachers the time to pursue the environmental programmes like recycling, composting and planting trees



What needs to change? *(Continued)*

Natural environment

HCC protect more of native bush through planning

Tree planting in all spare areas (not just government/public land)

Accessibility

Improve access to local reserve (footpath and sealed path)

Bush track from school-to-station need to improve safety and accessibility

Better footpaths (to train stations)

Business, technology and innovation

Facilities to support working from home

Finding whole of life energy use for consumer items e.g. EV batteries

Product stewardship

Eco-aisles in supermarkets

Transport

Ban all but essential air travel

Better and cheaper evening/weekend public transport

Use little buses in Korokoro (shuttles)

Ban space exploration (not Hutt)

Develop shipping using EV tech

Energy

Generate energy from wind: money is a barrier

Distributed energy networks

Wind and solar farms on regional park

Effective use of rainwater at individual and community level

Subsidise cost of transition to renewables *"I'm linked into gas and told that installing new heating will cost me 20k"*

Urban design

More local community facilities outside of schools

Local shops I can walk to

Land and housing development with requirements for sustainable /public transport

HCC eco-accreditation for shops, organisations, houses

Better walking and cycling infrastructure in Hutt and to/from Wellington

Waste and recycling

Thorough recycling system



Where will we have the greatest impact?

We asked participants to choose their top 3 activities that would have the most impact on climate change for each of the three areas:

- What are you doing now?
- What would you like to do?
- What needs to change?



**What are we
doing now?**

Impact Areas

TOP 3 BY TEAM

*“We are teaching
our young people
to teach us”*



Active/Public Transport

Reduce carbon emissions, lowers transport costs reduce congestion and less roads



Community Education

Education: schools, organisations, scouts, communities - We are changing our homes e.g. insulation, we are teaching our young people to teach us



Reducing Waste

Reducing waste and methane, less plastic, less transport costs, less resources used



Electric Vehicles E-Transport

Transitioning to E-transport:
Rethink, reuse, reduce, recycle, refuse (5Rs)



Natural Environment

Planting and looking after trees:
Locks up carbon and carbon credits and improves biodiversity. Better for leisure



Urban Design

Community work hubs, walk from home. Reducing transport emissions



What do we
want to do?

Impact Areas

TOP 3 BY TEAM



Electric Vehicles E-Transport

E-rentals: Have a transport service node for people to get up the western hills. E-scooters don't work here so currently everyone drives to the station



Alternative Transport

Use the bus: Korokoro to Petone station (timetable needs to match). Dial a bus, make it smaller (e-shuttle), the current bus is so big and unused



Active Transport

More active transport journeys: It is dangerous and scary to bike around here. We could make Korokoro 'bike priority' with low speed limits.



Keep it up! Do more

More of everything we are already doing



Reduce energy consumption Changing mindsets

Reduce energy consumption through insulation, working closer to home, move to EVs. This has a direct impact on carbon, health benefits and quality of life



What needs
to change?

Impact Areas

TOP 3 BY TEAM



Infrastructure Transport

Better transport Infrastructure -
Enables/makes better options easier



Natural Environment

Reducing emissions via water use -
The water system embodies carbon,
reducing water or reduce emissions
we can also reduce energy in our
homes such as insulation. Incentives,
penalties could encourage the right
behaviour.



Renewable Energy

We need more renewable energy
generation like solar, wind farms and
hydro options that are less reliant on
grid



Community Education

More resources or education for
youth, school, adults. Focus on the
future



Composting Waste

Biosolids are a waste issue in
Wellington - an enormous source of
emissions and waste of carbon and
nutrients. Refreshing our regional
parks using green waste and biosolids
creates a circular economy.



Connecting Tangata whenua

Connecting with tangata whenua -
There is a sense of urgency



Summary of hui themes - Korokoro

Transport

Active/public transport where possible - Reduce carbon emissions, lowers transport costs reduce congestion and less roads

Transitioning to E-transport- Rethink, reuse, reduce, recycle, refuse (5Rs)

More active transport journeys - It is dangerous and scary to bike around here. We could make Korokoro 'bike priority' with low-speed limits

E-rentals- Having a transport service node for people to get up the western hills. E-scooters don't work here so currently everyone drives to the station.

Use the bus: Korokoro to Petone station (timetable needs to match. Dial a bus, make it smaller (e-shuttle), the current bus is so big and unused

Better transport Infrastructure enables /makes better options easier

Waste, Energy and Resources management

Reducing waste: Reducing methane, less plastic, less transport costs, less resources used

Reduce energy consumption through insulation, working closer to home, move to EVs. Direct impact on carbon, health benefits and quality of life

More renewable energy generation e.g. solar wind farms, water, Hydro. Direct carbon impact, less reliant on grid

Reduce emissions via water use: The water system embodies carbon, reducing water or reduce emissions we can also reduce energy in our homes such as insulation. Incentives/penalties could encourage the right behaviour

Exploring repurposing solutions for Biosolids



Summary of hui themes – Korokoro *(continued)*

Environmental care

Planting and looking after trees: Locks up carbon, carbon credits and improves biodiversity. Better leisure.
Refreshing our regional parks using green waste and biosolids creates a circular economy.

Build community

Community work hubs, working from home, reducing transport emissions
Connecting with tangata whenua- A sense of urgency

Education and information

Education: Schools, organisations, scouts, communities “We are changing our homes e.g. insulation, we are teaching our young people to teach us”

More resources or education for youth, school, adults- “the future”





What else?

How does the community want to stay in touch?

At the end of the hui, we discussed how the community maintained momentum on this issue and stayed connected.

- Daniel is chair of the environmental group and the point of contact. There's not many people involved but Daniel is active in the initiatives he plans.
- School and play centre.
- Newsletter is good for those who don't have a school connection.
- Support for alternative venues is good for community members who aren't connected through the school.
- A lot of Korokoro people know each other via having train connections. In ma way, the train is a component of our community.



DO SOMETHING YOUR FUTURE SELF
WILL THANK YOU FOR

Join the mahi today

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