

Date: Thursday 22 March 2018
Time: 5.15pm
Meeting Room: Local Board Office
Venue: 10 Belgium Street
Ostend
Waiheke

Waiheke Local Board

OPEN MINUTE ITEM ATTACHMENTS

| ITEM | TABLE OF CONTENTS | PAGE |
|-------------|---|-------------|
| 9.1 | Carbon Neutral Waiheke - Linda and Lindsay Jeffs | |
| | A. 9.1 Carbon Neutral Waiheke - Lynda and Lindsay Jeffs | 3 |
| 9.2 | Koiwi - George Kahi | |
| | A. 9.2 Koiwi - George Kahi | 9 |



*Carbon Neutral Waiheke is a bottom-up, citizen driven group that intends to provide individuals, communities and businesses with tools to **assess** their own greenhouse gas emissions, **reduce** their emissions and where appropriate **offset** their emissions.*

22/03/2018

Low Carbon Emission Waiheke

Rationale:

- Delivers energy and economic savings to households, businesses and council
- Has a positive impact on human health
- Increases biodiversity and bio-security
- Supports green and sustainable enterprises
- Improves community resilience
- Enhances physical well-being as a result of energy efficient, healthier buildings and active transport options
- Mitigates Climate change
- Reduces air pollution through reduced private and commercial vehicle use.

Adapted from Becoming a Low Carbon Community, Waitemata Local Board, August 2015

Govt Recognition of Climate Change (1)

NZ Government

- Ratified the Paris Agreement in October 2016.
- Target is to reduce greenhouse gas emissions by 30% below 2005 levels by 2030.
- Requires a 45% reduction on NZ's 2014 GHG emissions .

Local Govt - Auckland Council

- Set emissions reduction target of 40% below 1990 level by 2040
- Signed Paris Pledge for Action in support of Paris Agreement objectives.
- Pledged as member of C40 Cities Climate Leadership Group and Compact of Mayors (global coalition) to reduce emissions, track progress transparently, and enhance resilience to climate change .
- Signed NZ Local Government Leaders Climate Change Declaration (2015 and 2017)

Govt Recognition of Climate Change (2)

Auckland Council continued

- Published Low Carbon Auckland: Auckland's Energy Resilience and Low Carbon Action Plan July 2014
- Produced Low Carbon Auckland: Second Year in Action 2016
- Submitted to the New Zealand Productivity Commission (2017) Low Emissions Economy: Issues Paper Oct. 2017

Waitemata Local Board

- Prepared a localised plan in August 2015 to reduce emissions titled Becoming a Low Carbon Community: An Action Plan.

Businesses' and Organisations' Responses to Climate Change

Examples:

- *Supermarkets* – eg. New World Lincoln – store design, refrigeration, transport, electric car and bike recharging, wind turbines, non-PVC flooring, soft plastic and battery recycling.
- *Schools* – eg. Cashmere High, Christchurch – developed projects designed by students eg. "Switch Off" (reduced energy use by 10%), LED lights (further reduced energy use by 20%), installed solar panels, a wind turbine and piezoelectric floor tiles.
- *Waiheke Businesses* - electric bikes, scooters and car hire, wetland reclamation, food recovery, zero waste events plus library modelling energy efficiency.

22/03/2018

We believe OUR daily decisions will make the difference. We can't leave it up to Others!

At work, studying or at home, the decisions we make on a daily basis will determine what our collective future will look like.

Our individual carbon footprint is made up of decisions around what we eat, how we travel, our buildings, use of energy and waste.

The decisions made by the 'average' Aucklanders amounts to emissions of approx 13kg of Carbon per person per day.

We can change the decisions we make every day and make a difference to our lives, the lives of our children, grandchildren and great grandchildren and most importantly the planet.

Adapted from Low Carbon Auckland July 2014

Carbon Neutral Waiheke's Response to Climate Change - milestones

1. Undertaken research into climate change and mitigating strategies supported by Globe NZ.
2. Networked with other citizen-led carbon neutral organisations eg. Kerikeri Carbon Neutral, Generation Zero, and RobinTreadwell's *eke* from Waiheke to Poneke.
3. Investigated examples of overseas Carbon Neutral communities.
4. Currently eliciting guidance and support from Piritahi Marae.
5. Communicating with Waiheke High School regarding a carbon footprint app.
6. Trialled household/business carbon emission calculators developed in NZ, England, Scotland, Canada, Australia and the US.

Carbon Neutral Waiheke's Planned Response to Climate Change

Provide tools to:

1. Measure carbon footprints

- Currently designing a series of free Waiheke Carbon Emission calculators for households and small/medium businesses.
- The calculators will be posted on our website.
- Our free calculators will provide a carbon footprint which compares the households or businesses carbon emissions with the average New Zealand household or business emissions and the worldwide emissions level required to achieve carbon neutrality. It will support individual decision making.

Carbon Neutral Waiheke's Response to Climate Change

2. Reduce carbon emissions

- Involves households and businesses recognising where their emissions are coming from and working out how to reduce their emissions.
- Our web page will provide suggestions, aims and targets for reducing household/business emissions.
- The webpage will provide links to local businesses to enable households and businesses to locate suppliers that can deliver low carbon solutions.
- Provide information, guidance and inspiration through a practical toolkit for communities aiming for carbon neutrality.

22/03/2018

Carbon Neutral Waiheke Response to Climate Change

3. Offset carbon emissions

- This involves, if need be, purchasing offsets to mitigate any remaining emissions.
- We will provide on our website carbon offsetting methods to render the household or business carbon neutral.
- Such offset options will involve local projects and businesses that will in turn reduce GHG emissions or sequester carbon.

Carbon Neutral Waiheke Needs

Support from the Waiheke Local Board for the island becoming a low carbon community.

Funding to:

- develop an interactive webpage to enable Waiheke residents and businesses to calculate, reduce and offset their carbon emissions.
- provide referenced resource material to promote a low greenhouse gas emissions community.
- design and produce publicity materials for use in the library, schools, businesses, community organisations, media and at public events.

Thank you

Contact Details: Carbon Neutral Waiheke Email: ljassociates@extra.co.nz Phone 0212337444

To: WAIHEKE ISLAND LOCAL BOARD (WILBd)

From: Chris Bailey, George Tearoha Kahi representing Manawhenua Hapu in consultation with Chairperson Gary Thompson Ngati Paoa Iwi Trust Board (NPITBd)

Subject:: URUPA koiwi SUBMISSION

Keystakeholders: WILBd - Waiheke Island POLICE – DOC (Northern Region) – Iwi designates (NPITb – Chris Bailey / Mahu Rawiri) – Hapu Designate G.T.Kahi

Most of the concern that has been raised by Chris Bailey when the island is devastated by 'heavy weather' koiwi emerges almost every time as a consequence.

I also am impacted by these discoveries as they could be ancestral items. I tend to think they could be our Iwi descendants of yesteryear.

It has been proposed that two koiwi Urupa of dimensions 5m x 5m should be set aside to reintern such discoveries. The usage should be a place of rest if found on a owners property that they may want an alternative. Koiwi found elsewhere after being hosted by the Police for a sort duration then be given to a small team who do have skills to accompany a reinterment to complete a humane protocol. This is followed by the question BUT WHERE?

- 1) Two designated area on either coast.
- 2) Police to monitor and host Koiwi for a short time before engaging appropriate Kaitiaki
- 3) Reinterment documented and entered on a gps system if available.

Funding required: Shared costs with Police / DOC and Waiheke Island Local Board for a Waka Huia to be held by the Police for Koiwi = estimate \$600 - \$1000

WAKA HUIA - a ceremonial carved casket to hold Taonga.

Footnote: Koiwi should be recognised as Taonga until reinterment.

Nga Mihi

George Tearoha Kahi
submitter

gjkahi@yahoo.com: 0270889700 LOCAL BOARD submission MARCH2018