

# TEN YEAR PLAN FOR WAIKERERU ECOSANCTUARY 2017-2017

DRAFT

We're in the process of developing a 10 Year Strategic Plan for Waikereru that sets key objectives with milestones to track progress, in place of the current Management Plan.

Completed milestones are in green

Urgent priorities are in red.

High priority milestones are in blue

*Partners for Strategic Plan:*

Erica van Reenen, farm plan consultant and ecologist

Lead trustees for particular projects

## 1. Pest & Weed Control 2017-2027

Exclude deer and goats, control other pests & weeds to very low densities

*Lead Trustees:* Abigail Salmond, Steve Sawyer

*Partners:* James Russell, University of Auckland

*Funders:* DoC Community Partnership Fund, carbon credits?

*Milestones:*

- Funding for pest and weed control secured from DoC Conservation Partnership Fund 2016-2018
- Secure ongoing funding – DoC Conservation Partnership Fund, Lotteries Pest & Weed control; Clark Trust?

## 2. Kohanga Kiwi 2019-2027

Restore Eastern brown kiwi to the Turanga area. Adapt existing farm fence around the Waikereru Hills to keep out deer and goats, and keep in kiwi.

*Lead Trustee:* Steve Sawyer

*Partners:* Whinray Eco Trust; Ecoworks NZ; Kiwis for Kiwi

*Funders:* QEII Stephenson Fund, Tuia 250 Lotteries?

*Milestones:*

- September 2018: application to Stephenson Fund, QEII for deer and goat fence part-funding (\$20,000) - successful
- November 2018: application for funding for fence lodged with Tuia 250 Lotteries Fund
- December 2018 – install deer and goat fence around 1769 Garden
- October 2019 – install deer and goat fence around Waikereru Hills

## 3. Intelligent Fence

Work with Cacophony project, Ecoworks to monitor bird life, pests etc and beam remote video into the Tree House.

*Lead Trustee:* Steve Salmond

*Partners:* Cacophony Project, Mind Lab?

*Funders:* ECT

*Milestones:*

- Webcam for titi, views from the top [have to wait until fence built]
- Collaboration with the Cacophony project – birdsong analysis, predation rates, monitoring traps – cost-effective quantitation monitoring.
- The intelligent fence as a communications system, with a cell repeater, WiFi etc.
- Equipment to measure CO2 sequestration rates; weather station.

#### 4. Welcome Shelter

Complete, maintain and develop Welcome Shelter

*Lead Trustee:* Jeremy Salmond

*Partners:* Sarosh Mulla

*Funders:* Eastern & Central Community Trust

*Milestones:*

- Refinish the exterior - April 2018: completed
- Fix pulley for drop-down wall
- Complete northern sunscreen

*Lead Trustee:* Anne Salmond

*Funders:* Eastland Community Trust

*Milestones:*

- Funding secured for Wunderkammer ECT
- Transform north-east 'box' into Wunderkammer

#### 5. Tree House

Build Tree House for Wild Lab and use by volunteers

*Lead Trustee:* Jeremy Salmond

*Partner:* Sarosh Mulla

*Funders:* Eastland Community Trust?

*Milestones:*

- Design Tree House
- Raise funds
- Let contract & build

#### 6. Wild Lab

Fund and develop year-long programme for the Wild Lab

*Lead Trustee:* Jennie Harre-Hindmarsh

*Partners:* Pete & Elle Jarratt, EIT

*Funders:* Air NZ Environment Trust; UNESCO

*Milestones:*

- Funding for 3 years from Air NZ Environment Trust September 2018, from UNESO October 2018 (\$5000).
- 2019 workshops planned by Jarratts – December 2018
- 2019 workshops delivered – November 2019

#### 7. 1769 Garden

Complete and maintain 1769 Garden

*Lead Trustee:* Anne Salmond

*Partners:* Malcolm Rutherford (Curator), Philip Smith 02 Landscapes

*Funders:* Eastland Community Trust, Tuia 250?

*Milestones:*

- Funding from ECT for 2018 planting – completed Sept 2018
- Funding from Tuia 250 to complete the 1769 Garden – application lodged
- Interpretation for 1769 Garden - application lodged.
- Complete 1769 Garden
- Complete interpretation for 1769 Garden

## **8. Walk Waikereru tracks & bridges**

Complete and maintain high quality circulation network at Waikereru Ecosanctuary

*Lead Trustees:* Tim Salmond, Jeremy Salmond

*Funders:* Eastland Community Trust

*Milestones:*

1. Upgrade Welcome Shelter tracks – funding secured from ECT; October 2018 completed
2. Pa Hill Track
  - Milestones:*
    - Meet with DOC's track expert and seek advice on the tracks proposed, standards etc - completed May 2018
    - Design and initiate track around Pa Hill – completed Oct 2018
    - Lodge application with ECT, successful – May 2018
    - Let contract with Siteworx, completed November 2018
    - Gravel Pa Hill track – February 2019
3. Upgrade Weaver's Track
4. Upgrade Waitui valley track
5. Bridge from Pa Hill track to Riverside Road
6. Upgrade Longbush Reserve Track
7. Swing bridge over Dog Gully

## **9. Waikereru Pond & Wetland**

Develop farm pond into wetland and maintain

*Lead Trustee:* Abigail Salmond, Jeremy Salmond

*Funders:* Williams Trusts

- Funding for freshwater plan secured Williams Trusts
- New wooden fence around west side of pond – completed Nov 2018
- Dangerous poplar trees trimmed / felled – November 2018
- Remove parts of bund, create islands and channels, plant – August 2019
- Create kids' walkway with sawn poplar rounds – August 2019
- Wooden walkway and jetty

## **10. Koura Pond**

Develop and maintain koura pond

*Lead Trustee:* Abigail Salmond, Jeremy Salmond

*Partners:* Murray Palmer, freshwater ecologist

*Funders:* ECT, Stout Trust?

*Milestones:*

- Funding for walkway secured from ECT
- Design walkway to koura pond – completed. Promised collaboration not delivered by EIT.
- Build

## 11. Observatory

Complete and install observatory

*Lead Trustee:* Jeremy Salmond

*Partner:* Sarosh Mulla

*Funders:* Sarosh Mulla, Personal funding

*Milestones:*

- Observatory frame designed and manufactured, exhibited at Objectspace, Auckland
- One quadrant of frame delivered to Gisborne
- Design rest of observatory – Sarosh, Jeremy
- Fabricate and install

## 12. Claude Glass

Complete and install Claude Glass

*Lead Trustee:* Jeremy Salmond

*Partner:* Sarosh Mulla

*Milestones:*

- Claude Glass designed and manufactured, exhibited at Objectspace, Auckland
- Claude Glass delivered to Waikereru
- Design support structure – Sarosh, Jeremy
- Fabricate and install

## 13. Trees that Count trial plots

Develop trial plots for native tree plantations with Trees that Count

*Lead Trustee:* Jeremy Salmond

*Partners:* Trees that Count

*Funders:* Trees that Count

*Milestones:*

- Trees that Count funding secured 2018
- Develop the trial plots 2019

‘Intelligent trees’ – with an RFID / QR codes for each tree, who planted it and when, its geolocation and species; track data over time –trunk diameter, height and condition – ‘Adopt a Tree’

## 14. Orchiston Pa Harakeke

Maintain Pa Harakeke following tikanga

*Lead Trustee:* Anne Salmond

*Funders:* Lion Foundation, Eastern & Central Trust

*Partners:* Janine Te Reo (kai tiaki)

*Milestones*

- **Apply for funding**
- **Trim pa harakeke – March 2019**

### **15. Arboretum & Kauri Spiral**

Develop and maintain arboretum

*Lead Trustee:* Anne Salmond

*Partner:* Gavin Boulter, Ataahua Landscapes

### **16. Manuka Honey**

Develop income stream from honey

*Lead Trustees:* Jeremy Salmond, Anne Salmond

*Partners:* Erica Van Reenan

*Milestones:*

- **Organise commercial contracts**

### **17. Carbon Farming**

Develop income stream from carbon farming

*Lead Trustees:* Jeremy Salmond, Anne Salmond

*Partners:* Erica Van Reenan, Trees that Count

*Milestones*

- **Reclaim carbon credits from Government September 2019**

### **18. Grazing**

Organise proper grazing arrangements

*Lead Trustees:* Jeremy Salmond, Anne Salmond

*Partners:* Erica Van Reenan

*Milestones*

- **Grazing arrangements for specialist flock**

### **19. Visitors & Visitor Infrastructure & Interpretation**

Provide high quality infrastructure and interpretation for visitors

Gaming approach that makes visits to Longbush like a quest: maps (treasure maps, fantasy maps, games and trails, botanical, birds, history, water); with narrated trails and points of interest.

### **20. Website & social media**

Develop and maintain high quality website, social media outreach

*Lead Trustee:* Steve Salmond

*Funders:*

*Milestones:*

- Upgrade Website – November 2018 completed
- Facebook page with activities and events, photos;
- Longbush app to download before visitors arrive;
- QR codes that give information at specific sites;
- a blog; Instagram photos of Longbush;
- Vimeo / Youtube videos.

## 21. Donner's Bush

Complete and maintain restoration of Donner's Bush

*Lead Trustee:* Anne Salmond

*Partners:* Charles Barrie, DoC

*Funders:* Personal donations to Trust

*Milestones:*

- Microreserve 1 fenced October 2017
- Microreserve 2 planted & weeded August 2018
- Agree final plan for restoration of Donner's Bush with DoC
- Pest & weed control, complete planting Microreserve 2
- Microreserve 3 fenced and planted July 2019

## 22. Waimata River Project 2017-2027

Landscape-scale community project to restore the Waimata River from Motukeo to Titirangi by the mouth of the Turanganui River.

*Lead Trustee:* Anne Salmond

*Partners:* Te Awaroa: Voice of the River project, Longbush Ecological Trust, DoC; GDC, QEII; Te Ha Trust; Activate Tai Rawhiti

*Funders:* University of Auckland SRIF fund; Nga Pae o te Maramatanga CORE

*Milestones:*

- May 2017: GDC Waimata River Restoration project proposal submitted to Freshwater Fund (unsuccessful); resubmitted to Hill Erosion Fund.
- August 2018: Te Awaroa Waimata project reports completed
- November 2018: Te Awaroa Waimata project community report-back sessions – successfully delivered, very well attended, many community members want to be involved in the project. Laura Savage project co-ordinator for GDC
- February 2019 – session to set up Waimata River Restoration group