

TEN YEAR PLAN FOR WAIKERERU ECOSANCTUARY 2017-2017

DRAFT

We're in the process of developing a 10 Year Strategic Plan for Longbush 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?

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 – deer and goat fence installed around 1769 Garden
- October 2019 – deer and goat fence installed 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, First Tribe?

Funders: ECT

Milestones:

- Webcam for titi, views from the top;
- 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:

- 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 Conservation Trust; UNESCO

Milestones:

- Funding for 3 years from Air NZ Conservation 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 O2 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

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 – 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

- 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:

- 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

‘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