

BUILDING ENVIRONMENTAL GUARDIANS OF THE FUTURE USING SUSTAINABLE LONG DISTANCE TRAILS

Presented by

Suky Thompson

Rod Donald Banks Peninsula Trust Manager

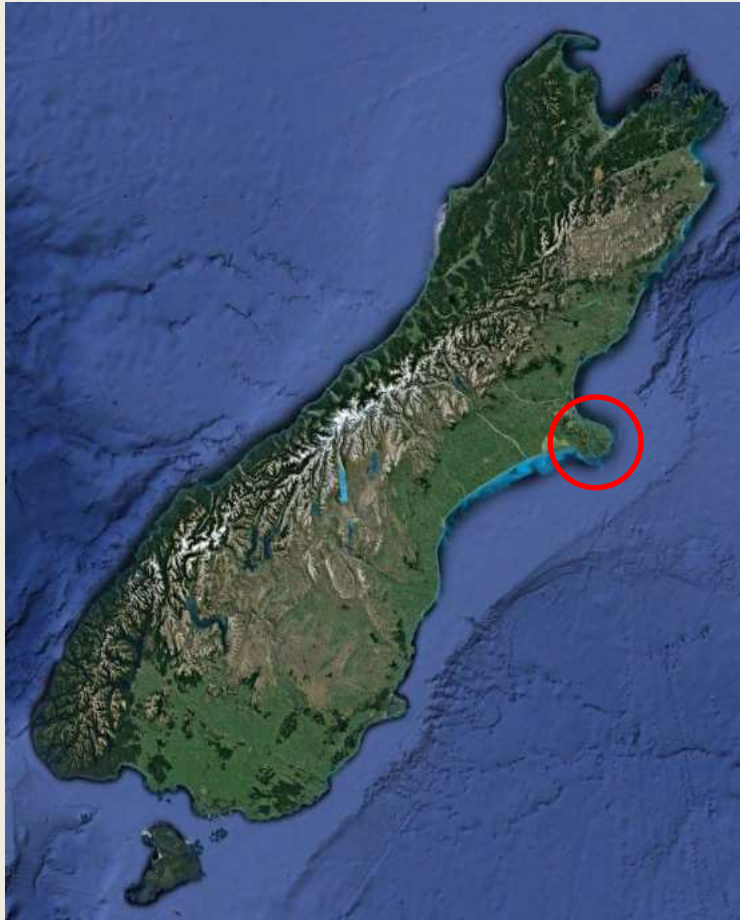
Presentation to

TRC Sustainable Trails Conference

APRIL 3 2019



Banks Peninsula



- Extinct volcanoes
- Twin harbours in craters
- Highest peaks 900m
- Rugged rural landscape

Rod Donald Trust

- Charity established 2010
- Christchurch City Council CCO
- Voluntary Board of Trustees
- Named to honour Rod Donald



Rod Donald MP
Green Party co-leader




Rod Donald Trustees visit a section of Te Ara Pātaka where public access has been recently secured

Four pillars



- Broad environmental and recreational objectives
- Crystallised into four pillars

Our Vision

A photograph of two young boys hiking on a grassy hill. The boy on the right is wearing a dark jacket and plaid shorts, holding a trekking pole. The boy on the left is wearing a black long-sleeved shirt and plaid shorts. They are standing on a grassy slope with a lake and mountains in the background.

Developing
environmental guardians of the future
through
improved public walking and biking access,
enhancing biodiversity,
promoting knowledge
and
working in partnership with others

Ko te whakawhanake kaitiaki taiao nā te
whakahōu ara hīkoi, ara paihikara, te
whakaniko rerenga rauropi, te whakamana
mātauranga me te mahi tahi ki ngā tāngata e
kaingākau kaha ana ki Te Pātaka o Rākaihautū
hoki

What's the connection?

**'PLANTING THE SEED':
FAMILY PREFERENCES,
EXPERIENCES AND BENEFITS
ASSOCIATED WITH OUTDOOR
RECREATION IN AOTEAROA/
NEW ZEALAND**



Arianne C. Reis
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- Outdoor experience motivates people to take action for the environment
- Concern that fewer kids are getting out into the environment
- Research recommends developing a graduated range of experiences in the front country
- Banks Peninsula is Christchurch front country
- Demand evidenced by response from Christchurch families

Te Ara Pātaka multi-day trail

- 2.5 day tramp
- Provides a graduated range of front-country opportunity
- Developed in partnership with Department of Conservation
- Upgraded an existing network of tracks
- Connects Lyttelton and Akaroa craters via high summit ridgeline
- 2 huts
 - Historic Packhorse Hut
 - New Rod Donald Hut



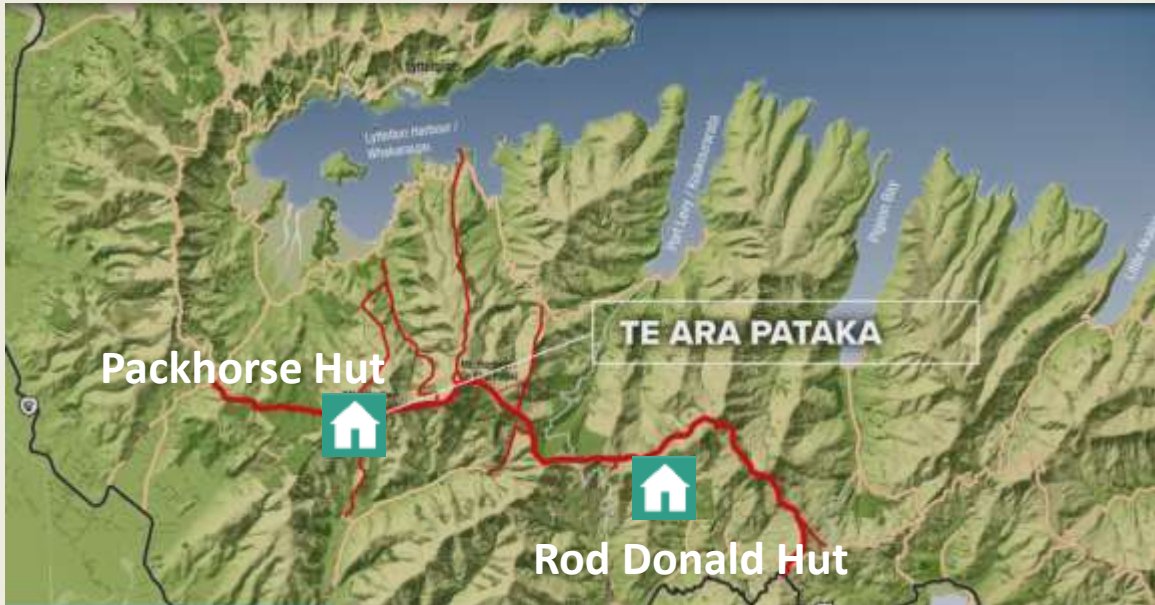
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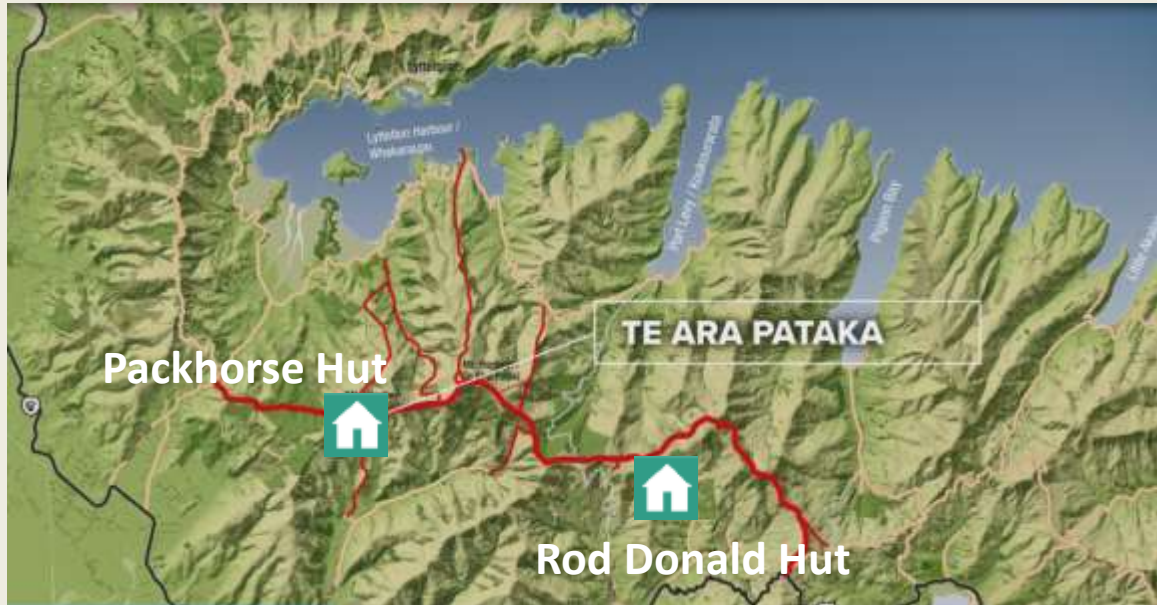
Rod Donald Hut

- Bach purchased and converted by Trust
- 9 bunk hut opened 2015
- Filled a missing gap



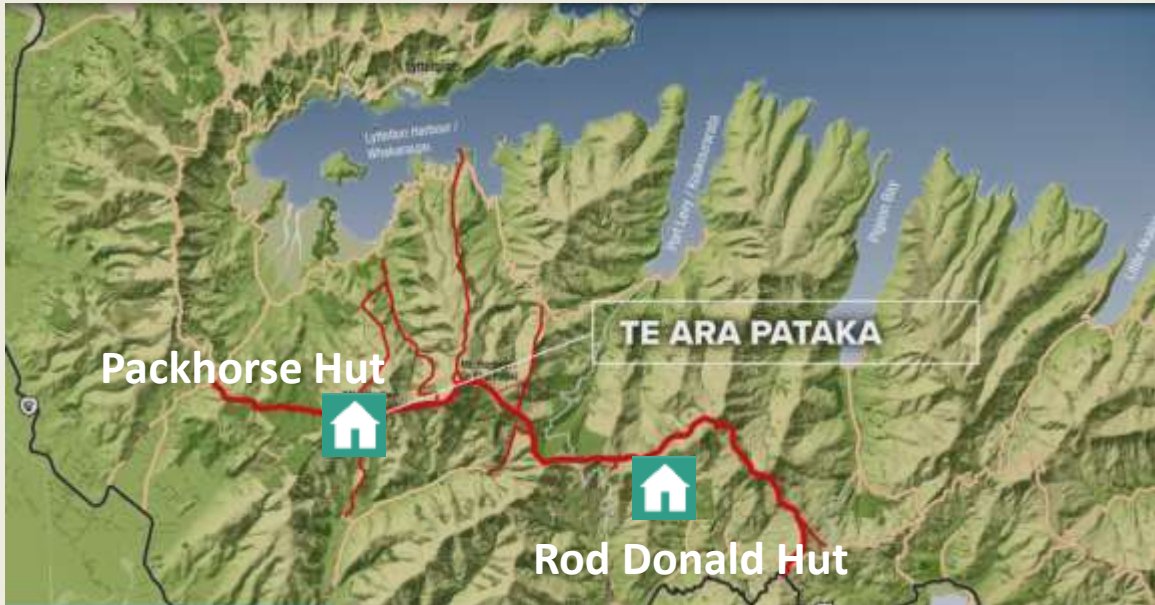
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- Bunks booked via DOC website
- Occupancy 50%
- 33% under 18s
- Local users

Why use multi-day trails for building environmental guardians?

- Huts capture hearts
- Time to appreciate nature



Rod Donald Hut

Sustainability features

- Fire risk
 - Solar lights
- Rain water collected off roof
 - 20,000l storage on site
- Worm trench for greywater
- VIP toilet



Encouraging responsible behaviour

Using the VIP Toilet

The Ventilation Improved Pit Toilet is a modern version of the "long drop" designed to naturally compost your contributions.

There are just two simple rules for you to make it work!

- 1 Stuff that comes out of your body and paper only down toilet.
- 2 Add a small scoop of the organic material provided after use.

No nappies
No plastics
No wet wipes
No cans
No bottles
No metal
No shells, sticks, stones
No foodscraps



Always supervise small children

Last to leave?

Please run through our departure checklist.

- 1 Press the water pump button (by the sink in main room)
- 2 Hut Clean
- 3 Pot belly stove door and vents shut
- 4 Windows latched shut
- 5 Lights off
- 6 Both outside doors shut



Thank you for looking after Rod Donald Hut.
We hope you have enjoyed your stay

Using the Pot Belly Stove



1 Prepare materials

- Collect up newspapers, paper or other small, biodegradable items.
- Chop, knurling and knead all the materials.



Take care, the ash is sharp!
Have the log prepared!
Remember you are going to chop into the chopping block.
Don't chop on the chopping block!

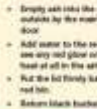
Place your hands in the wood chip.

Remember the ash is sharp!

Remember the ash is sharp!

2 Remove cold ash

- Check if stove is cold. If it is warm, skip to 3.
- Open bottom grate to check ash level. If full and stove is cold then empty it.
- Shovel ash into the black metal bucket provided.
- Close the grate shut.
- Empty ash into the red ash bin outside by the main entrance door.
- Add water to the red bin if you see any red glass or fuel left at all in the ash.
- Put the lid firmly back on the red bin.
- Return black bucket to fireplace.



Take great care - ashes may not be fully hot and can easily start a fire if wind blows them into dry grass. Don't leave the black bucket on the wooden floor.

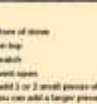
3 Prepare stove

- Check that no clothing, books, wood basket or other flammables are near to the stove.
- Put chimney damper part open.
- Close bottom grate vent.
- Open the door vent.
- Empty ash into the red ash bin outside by the main entrance door.
- Add water to the red bin if you see any red glass or fuel left at all in the ash.
- Put the lid firmly back on the red bin.
- Return black bucket to fireplace.



4 Light the fire

- Place newspaper in bottom of stove.
- Place some kindling gently on top.
- Light bottom of paper with match.
- Close the door but leave its vent open.
- With an intention to well slight add 1 or 2 small pieces of wood. When these are well alight you can add a larger piece.



5 Adjust the temperature

- To cool it down:
 - Close the vent in the back of the door.
 - Close the chimney damper.
- To make hotter or stop stove smoking:
 - Open the vents in the grate, door and chimney damper.
 - Add more wood once the fire is going well.
 - Do not add wood if the fire is smouldering or not lighting well. Open the vents.



Learning from the landscape

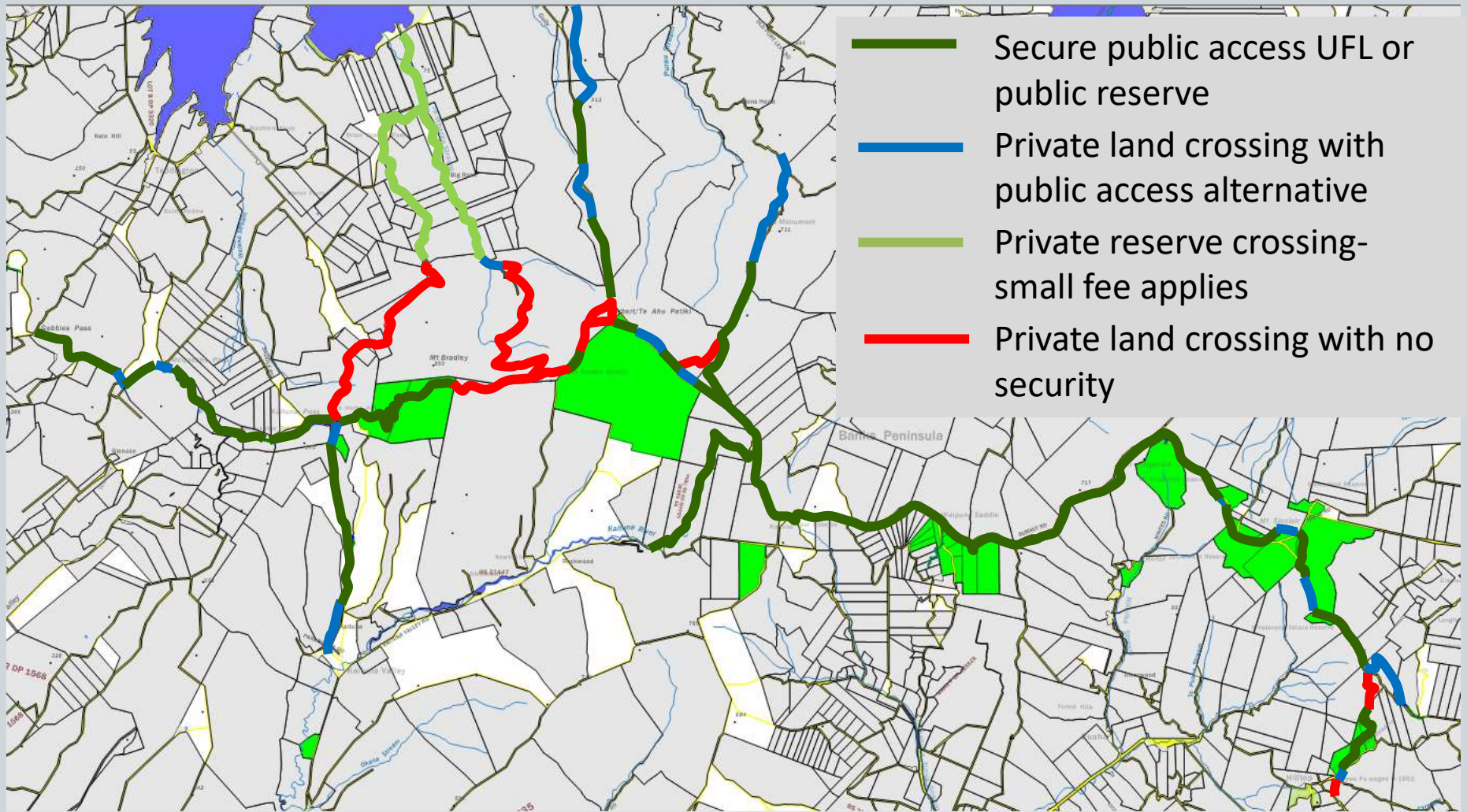


Ongoing challenges

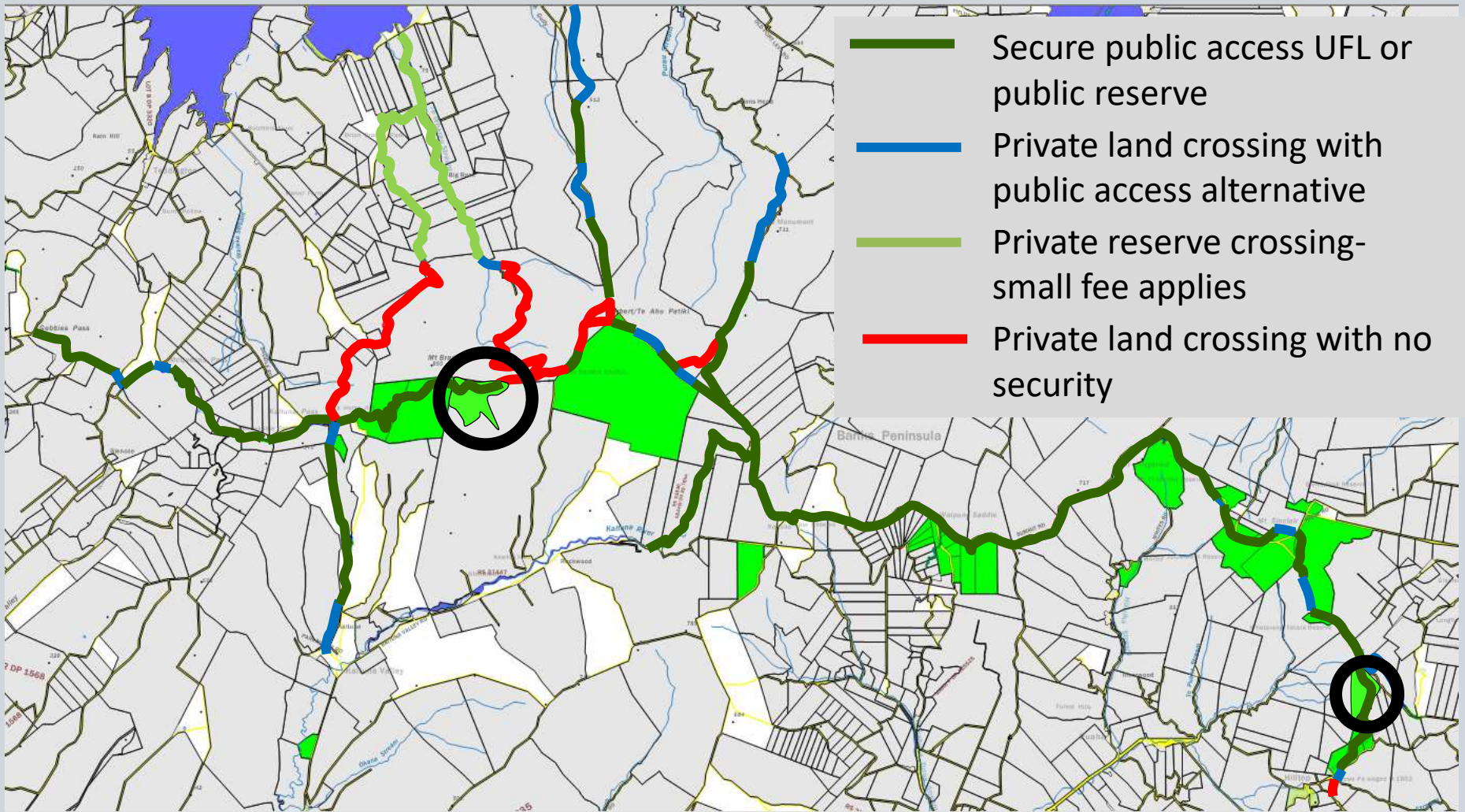
- Multiple usage
- Seasonal closures
- Crossing multiple land tenures
- Securing legal public access across private land
- Multi-agency governance and management
- Finding time for environmental interpretation



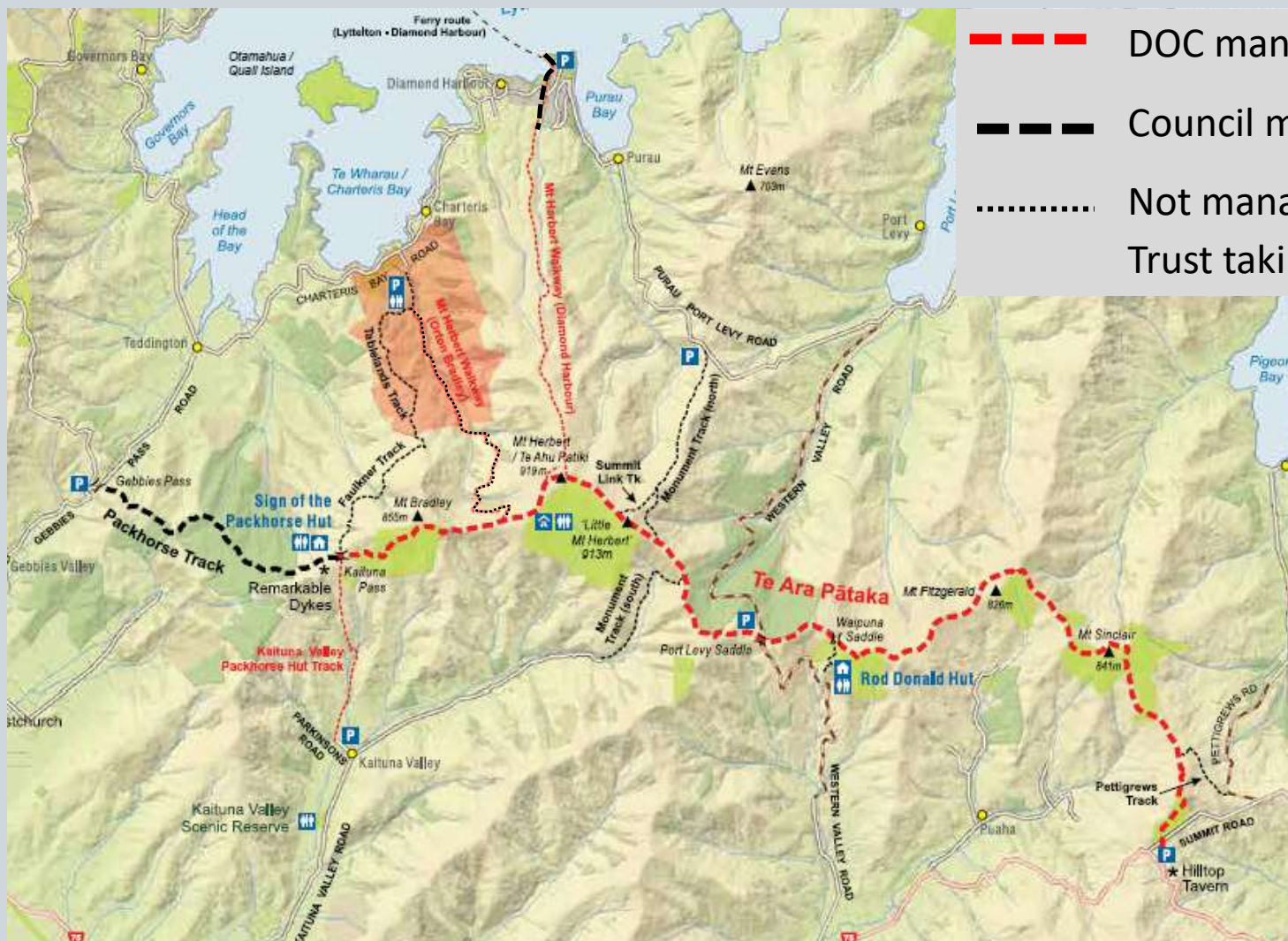
Multiple land tenure



Securing access



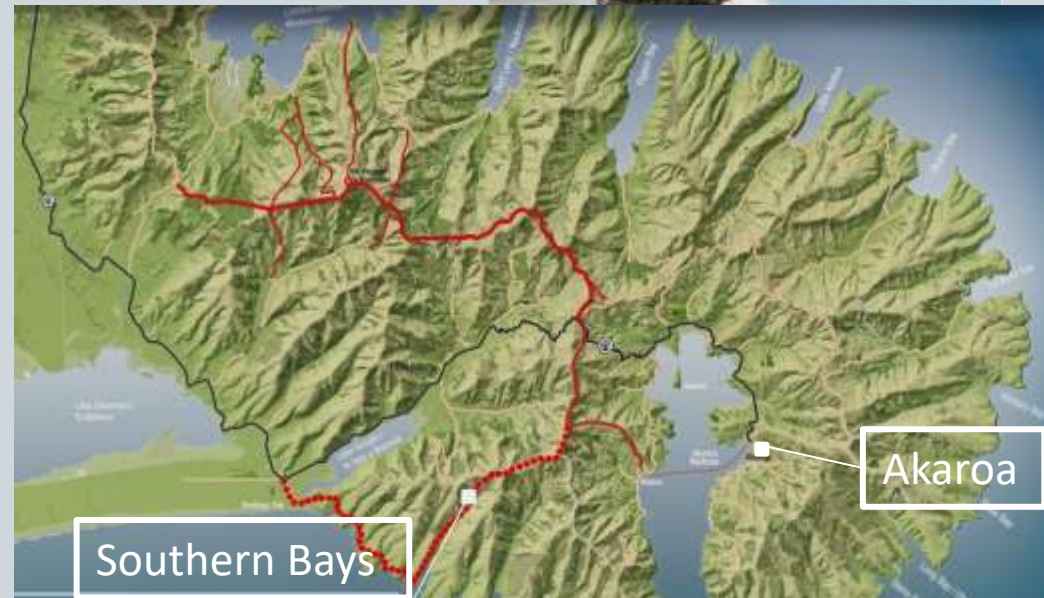
Multi-agency governance



- DOC managed
- Council managed
- Not managed
- Trust taking responsibility

Work in progress

- Multi-party MOU to define maintenance responsibilities
- Secure remaining private land crossings
- Lobbying Christchurch City Council to use Unformed Legal Roads for non-motorised access
- Longer term aspiration to extend to Akaroa and beyond



Questions

On behalf of the children of the future and all users –
thank you to Department of Conservation, Christchurch City Council
and all landowners en-route for your support

