

LINZ Biosecurity & Biodiversity Programme

Managing biosecurity on the lakes, rivers and land LINZ is responsible for administering

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Changes in Biosecurity & Biodiversity

- More funding
- New group
- Connect with wider environmental cross-agency funding



LINZ Biosecurity & Biodiversity





LINZ Biosecurity & Biodiversity

- Our programme
- Our focus
- Key success factors



Our work programme

Four core components across the work programme:



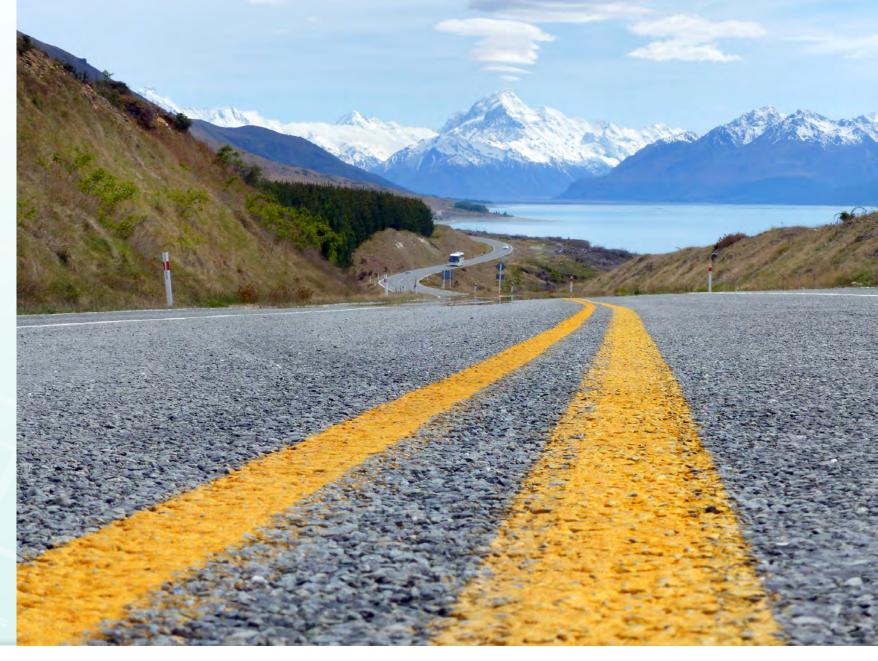




Four year programme

Year 1 includes:

- Pastoral Leases biosecurity
- Ngāi Tahu and Te Arawa Lakes Trust
- Lake Pukaki restoration projects







- Capturing baseline data and mapping
- Field data capture tools
- LINZ Estate Map viewer

- Regional Pest Management Plan Matrix
- Wilding Conifer Information System/ Wallabies
- Identifying new threats/ surveillance and monitoring







- Lake Karapiro
- Te Arawa Lakes
- Waitaki Lakes

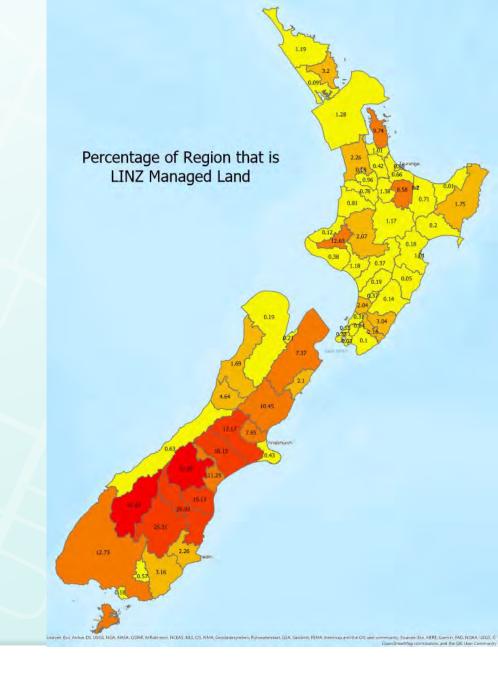
- Lake Wānaka
- Lake Dunstan
- Lake Wakatipu/ Kawarau River







- Rangitikei River
- Waiau Toa/Clarence River
- Rakaia River
- Rangitata River
- Rees and Dart/Te Awa Whakatipu Rivers







LINZ Terrestrial Weed Programme

📷 Credit: Name



Terrestrial Biosecurity Programme Overview

- Protecting our indigenous species and landscapes through the control of invasive species
- Over 100 control sites targeting iconic landscapes and threatened species
- Range of techniques used dependent on pest species, density and terrain



BML Delivery Role on behalf of LINZ

Management of the Biosecurity Control Programme

- Annual control works programme
- Consultation with stakeholders
- Engaging, managing and auditing contractors
- Site inspections
- Annual Reporting





Stakeholders

- Department of Conservation
- Regional Councils
- Iwi
- Landholders
- Landcare groups
- Te Manahuna Aoraki
- BRaid



Department of Conservation Te Papa Atawhai

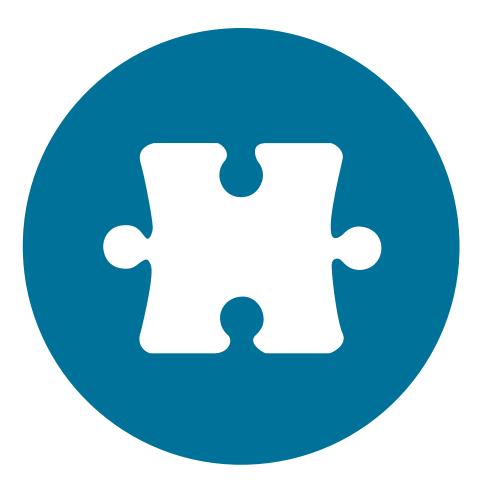


AORAKI PROJECT

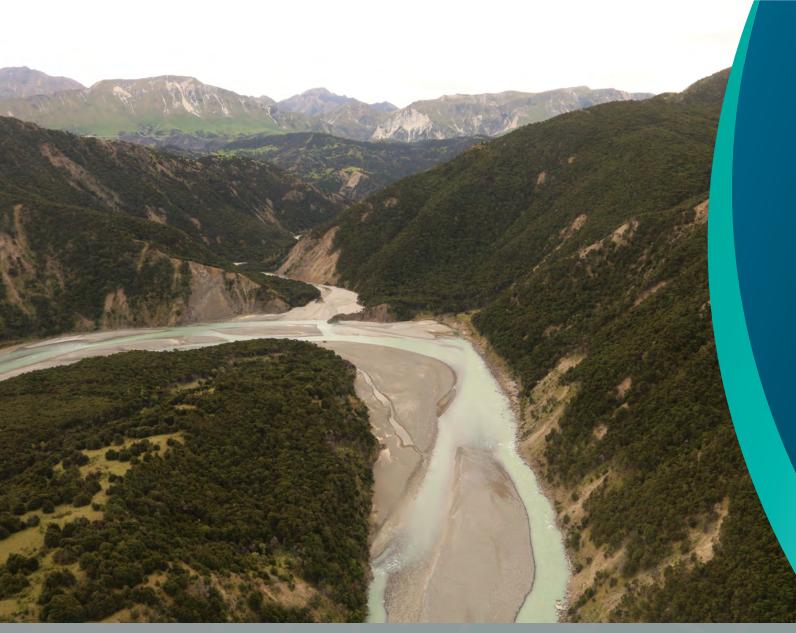
Land Information New Zealand Toitü te whenua

Challenges

- High boundary-to-area ratio
- Dispersal across boundaries
 - Wind-dispersed species
 - Bird-dispersed species
 - Wallabies and rabbits
- Seed viability
- Numerous, widespread sites

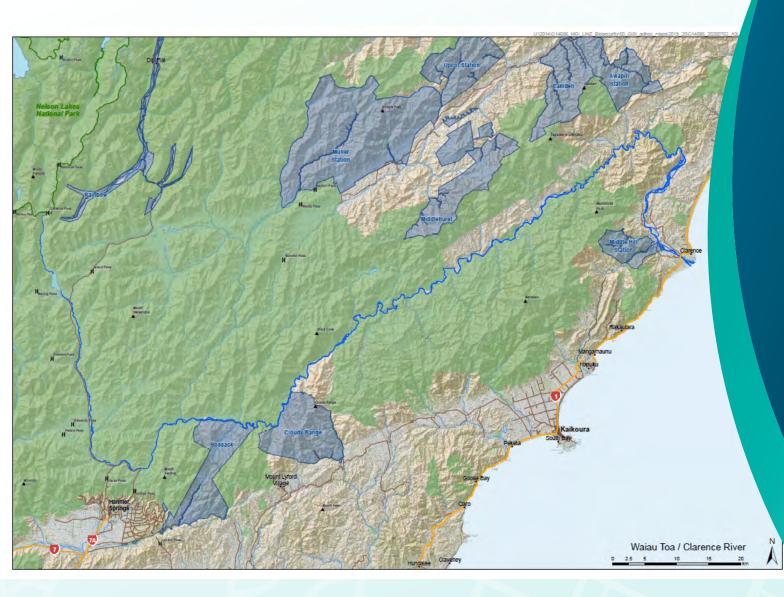






Waiau Toa/ Clarence River





- Extensive catchment
- Various land tenures
- Numerous pest species
- Endemic species

























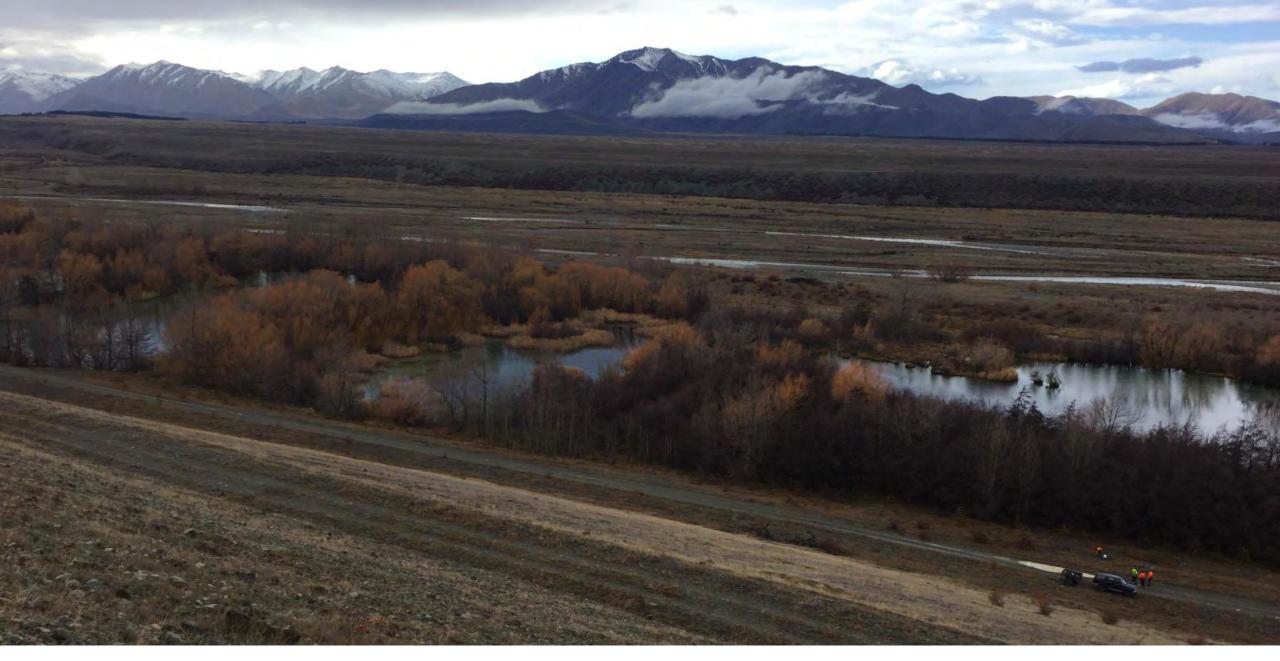




Tekapo River

- LINZ, DOC, ECan
 - Project River Recovery
- Wide riverbed
 - Russell lupins
 - Broom and Gorse
 - Wilding Conifers
 - Rabbits
 - Wallabies







What success will look like

We will know if we are successful if we are able to:

- Increase our funding leading to more jobs in regions;
- Improve our data and information to inform ongoing pest and weed management controls for LINZ
- Reduce weeds and pests across the LINZ administered lakes, rivers and land, including the eradication of lagarosiphon in Lake Wanaka
- Enhance collaboration across agencies, with local government, iwi and communities; and
- Deliver strategic projects that look to pilot, test or try a new model of delivery at specific sites

