





## Living Water is a 10-year partnership between Fonterra and the New Zealand Department of Conservation.

Our focus is to trial scalable solutions that will enable farming, freshwater and healthy ecosystems to thrive side-by-side





#### **OUR WHY**



#### **Lead in Sustainability**

Our business is dependent on healthy freshwater. We create value for our farmers and for Aotearoa New Zealand from our unique environment. We have a leadership responsibility in New Zealand and the world.

We both
recognise
Aotearoa
New Zealand's
success
depends
on healthy
freshwater.



#### Papatūānuku Thrives

We are charged with protecting and restoring Aotearoa

New Zealand's unique biodiversity. Our goal is that by working with others, ecosystems and species across

Aotearoa are thriving from mountains to sea.



### THE KEY ISSUES THE PARTNERSHIP IS TRYING TO ADDRESS

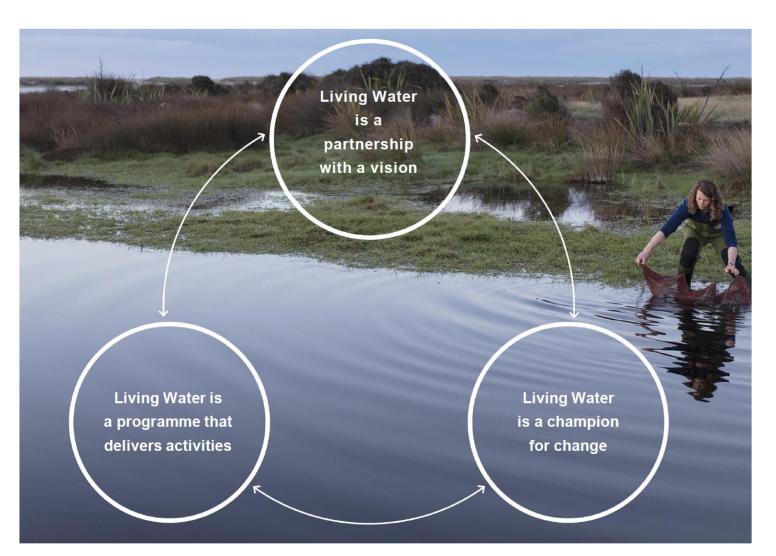
Pastoral farms cover 50% of Aotearoa New Zealand's land. What happens on pastoral farms is vital to restoring the full spectrum of native biodiversity and ecosystems in New Zealand.

10% of New Zealand's land area is estimated to be artificially drained, developed over many years to make lowland areas productive for agriculture.

Key issues for the dairy sector that impact on biodiversity and ecosystem health include:

- Water hydrology management use, diversion, drainage
- Water contaminant management inputs, filtration, sedimentation
- **Habitat loss** freshwater and terrestrial lowland habitats
- Poor ecosystem function lowland freshwater, terrestrial and estuarine ecosystem function
- **Legacy impacts** cumulative impacts over 150 years of productive land use (e.g. contaminant build up in lakes)
- Climate change mitigation, adaptation and nature-based solutions.

#### THE SHAPE OF THE PARTNERSHIP



#### The partnership has three core pillars:

- We are a partnership with a shared vision we believe in a long-term prosperous future, have measures of success for our 10 years together, and we are learning about how to partner as large, influential organisations
- We have a programme of activity on the ground –
  we are trialling tools & solutions, measuring what our
  work is achieving environmentally, socially and
  economically, and we are sharing and scaling our
  lessons learnt
- We stand together as champions of change we know that farming and land and water management needs to be different in the future and we will develop shared principles or advocacy positions that we will stand behind and share with others

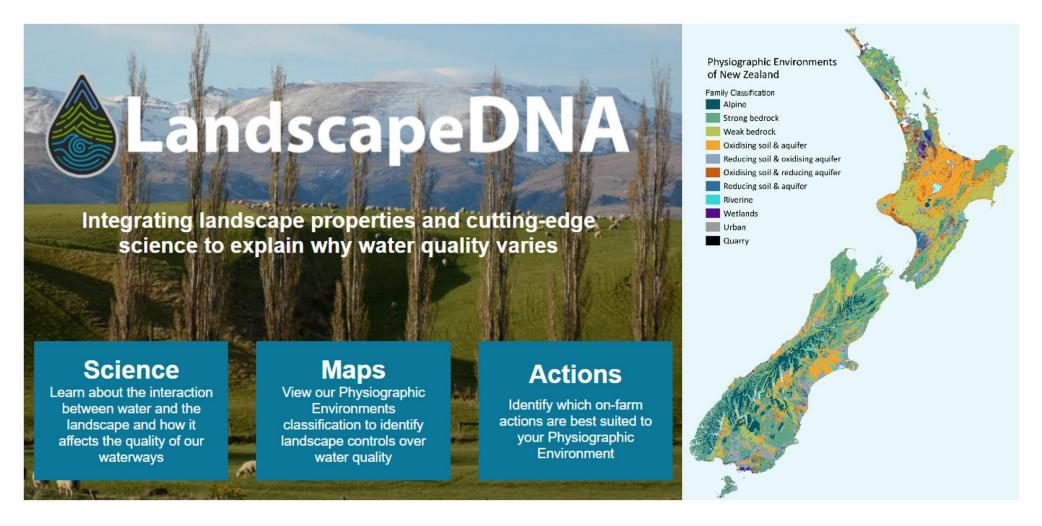
#### **OUR LOCATIONS / ROHE**







#### CATCHMENT SCALE



A New Planning Tool: Putting the best science into the hands of land stewards so they can make the best decisions









Creating space for nature: Retired farmland to take pressure off the sensitive receiving environment (RAMSAR coastal wetland) and to restore ecological functioning of lowland drainage systems



#### **OUR LESSONS LEARNT SO FAR**



Working at just farm scale can't fix the problems we are facing



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Design with nature rather than squeezing nature in around farming



We need to 'reimagine' our productive landscapes for a resilient future



It's a people problem, even more than an environmental problem



We need all knowledge – indigenous, western science & farmers



# LIVING WATER





www.livingwater.net.nz