

Manaaki Whenua Landcare Research



SCIENCE MAKING A DIFFERENCE FOR A TRULY CLEAN, GREEN SUSTAINABLE NEW ZEALAND

Our Mission

Science making a difference for a truly clean, green and sustainable New Zealand



About Landcare Research

- One of nine CRIs formed 1992 from re-organisation of Govt science research
- Govt owned, independent company
- 400 staff approx
- Nine locations in New Zealand:
 - Auckland, Hamilton
 - Gisborne, Havelock North
 - Palmerston North
 - Nelson
 - Lincoln
 - Dunedin, Alexandra



Main research focus



Biodiversity & ecosystem processes



Biosecurity & pest management



Rural land use



Greenhouse gases & carbon sinks



Sustainable business & government



Urban environmental management

Also committed to improving our own sustainability performance and reporting ...”practising what we preach”



Rural land use

- improving primary production systems, maintaining key processes e.g., soil aeration, nutrient cycling
- protecting water resources, & optimising catchment management
- developing strategies for monitoring & mitigating the biological effects of pollutants & pesticides.





Biodiversity & ecosystem processes

- documenting the indigenous biodiversity & ecosystem processes that are essential for protecting & enhancing our natural heritage
- restoring ecosystems in lowland, urban & disturbed environments to offset greenhouse gas emissions, protect waterways & rehabilitate land.





Biosecurity & pest management

- assessing the environmental risks & effects of introduced weeds & pests on natural ecosystems & primary production
- developing effective, environmentally sensitive strategies & technologies for managing problems





Urban environmental management

- low impact urban design & development
- stormwater management and contaminant toxicology and monitoring
- enhancing urban biodiversity
- settlement form and sustainable building





Greenhouse gases & carbon sinks

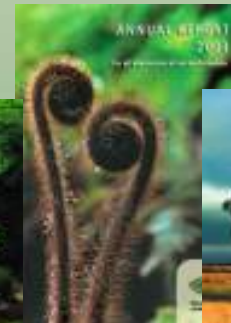
- understanding carbon storage & greenhouse gas emissions from terrestrial ecosystems
- measuring & reporting systems to support national responsibilities under Kyoto





Sustainable business & government

- maximising resource- & energy-efficiency & reducing waste at company, regional & national levels
- providing support for sustainability (triple bottom line) reporting



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