



**Land Use and Water Quality Project**  
*A collaborative project between Environment Canterbury, primary sector and non-governmental organisations.*

# Catchment workshop 1

**Don Rule**  
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 Taihoro Nukurangi	 GIVING NATURE A VOICE		
 NEW ZEALAND	 Landcare Research		Harris Consulting
			
	 Kaunihera Taiao ki Waitaha		
<b>Pastoral 21 (P21) programme</b>	 Tuāpapa Rangahau Pūtaiao		
			



*“New Zealand’s economy, ecosystems, community health, and social and cultural values depend on adequate water quality in sufficient quantity. The abundance and quality of our water and ‘clean green’ perceptions of New Zealand give us a competitive advantage in primary production, energy generation and tourism.*

*Sound water management is not solely an environmental issue, it is essential to enable us to pursue sustainable economic and social development.*

***One of the most significant challenges to be faced is the strong link between some forms of land use, intensification, water use and water quality decline.”***

New Start for Fresh Water – Office of Minister for Environment (2009)

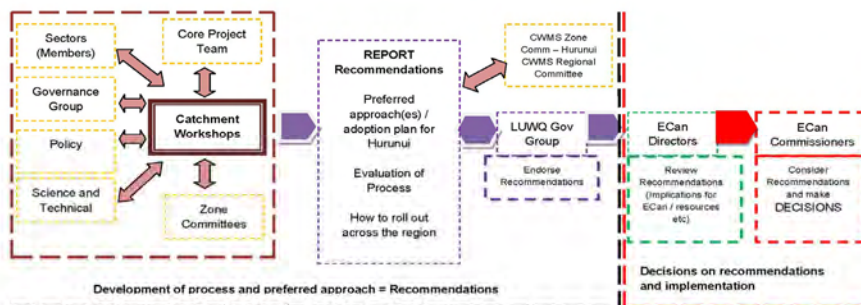
## What is the LU & WQ Project?

- Project to identify a range of preferred approaches for managing the cumulative impacts of land use on water quality – focussed on nutrient impacts on water quality
- Canterbury wide
- Case study approach (Hurunui)
- Collaborative project - primary sector, environmental groups and other key stakeholders.
- Governance group – includes key stakeholders representatives
- Strong links with the
  - CWMS (Target - Set catchment load limits for nutrients for each water management zone ...)
- Report back by March 2011

## Our expectations

- that we will end up with a range of solutions which are workable & are generally supported
- recognition of environmental limits
- recognise social, economic, cultural & environmental values
- some trade-offs may be necessary, but if there are the reasons for these will be open and transparent

### DEVELOPMENT AND DECISION MAKING – LAND USE AND WATER QUALITY PROJECT (Aug 2010)



Ultimately, ECan decides, but community has strong influence

Extent of influence = extent of agreement