



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

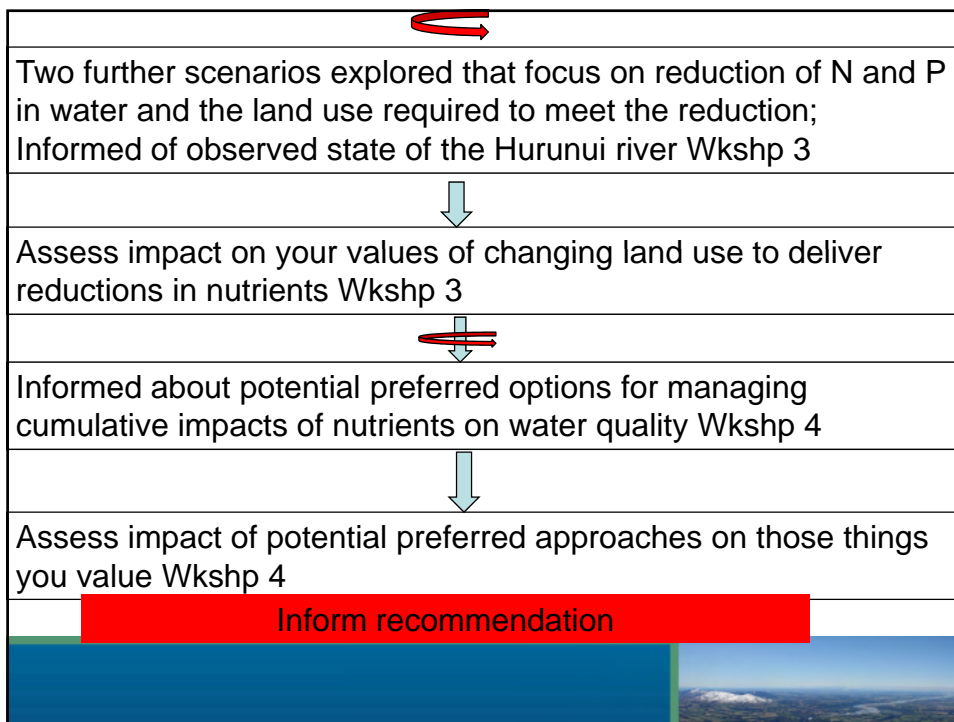
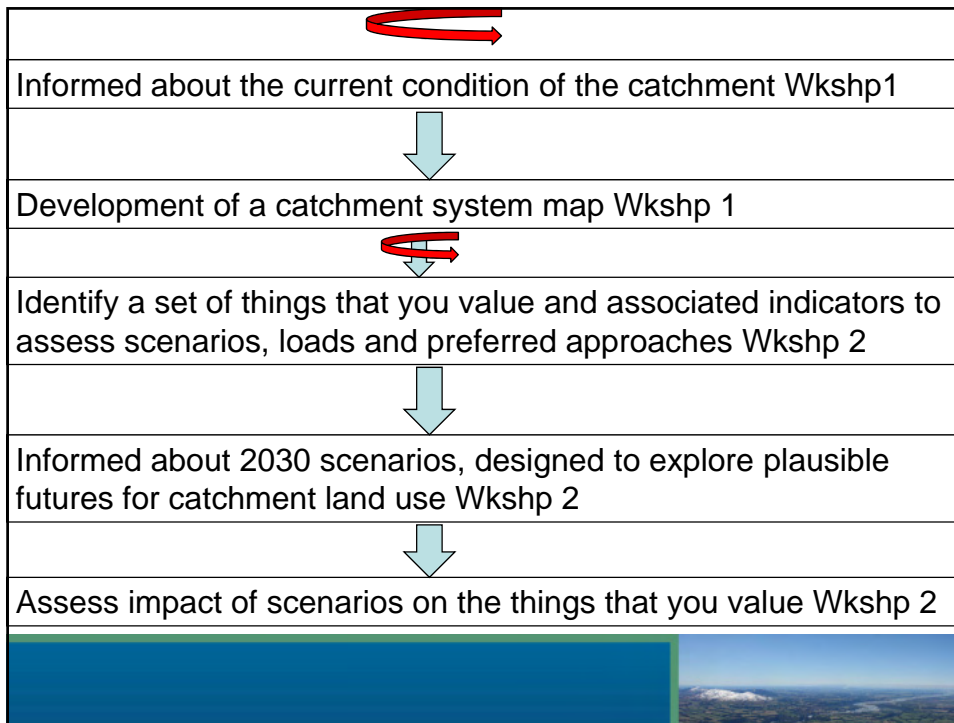
Catchment workshop 3
27th October 2010

Purpose

The Purpose of the catchment workshops is to **inform** and **support** the development of a preferred approach to managing the cumulative impact of nutrients on water quality within the catchment by:

- taking into consideration the link between land, people and water and the four well beings: Environmental, Economic, Social and Cultural and
- using a multi-stakeholder deliberative approach that enhances collective learning of all the participants





Workshop 3 Sharing our deliberations

3 previous scenarios

- Current
- Business as usual 20 years out
- Extensive irrigation development 20 years out

•You will have a chance to revisit your judgements and then compare them with all the other stakeholder groups

•We have taken the information from catchment 2 and used it to inform two new scenarios and guide our analysis

Workshop 3 Deliberating the impact of a conservative modelled scenario and 1990-1995 Hurunui water quality

- Exploring plausible future scenarios to allow us to identify the impact of future land use on water quality and reducing nutrients in water on land use
- The science is informing our collective understanding and pointing out where the uncertainties lie so this is not about science predicting what will happen nor giving definitive answers and is more about gauging the direction of change
- We acknowledge the importance of the intangibles and in most instances we have not been able to evaluate these. This is where your experience can be of assistance in documenting how and why these values might behave under the various scenarios

Workshop 3

- 21 years of Hurunui river environmental monitoring (John Quinn)
- Refresh your knowledge from last workshop
- Share collectively the deliberations
- Tea
- Presentations:
 - Introduction of scenarios (Tim Davie)
 - Impact on land use and flow on effects of two scenarios (Simon Harris)
 - Translation of environmental impacts into stakeholder values (Ned Norton)
- Deliberation in stakeholder groups of two new scenarios

