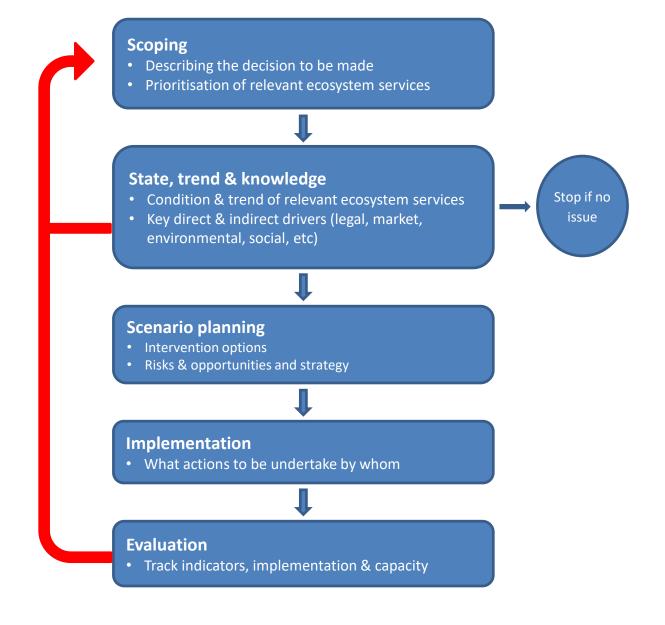


# Ecosystem Services in Decision-making ~ Learnings from 2 catchments ~

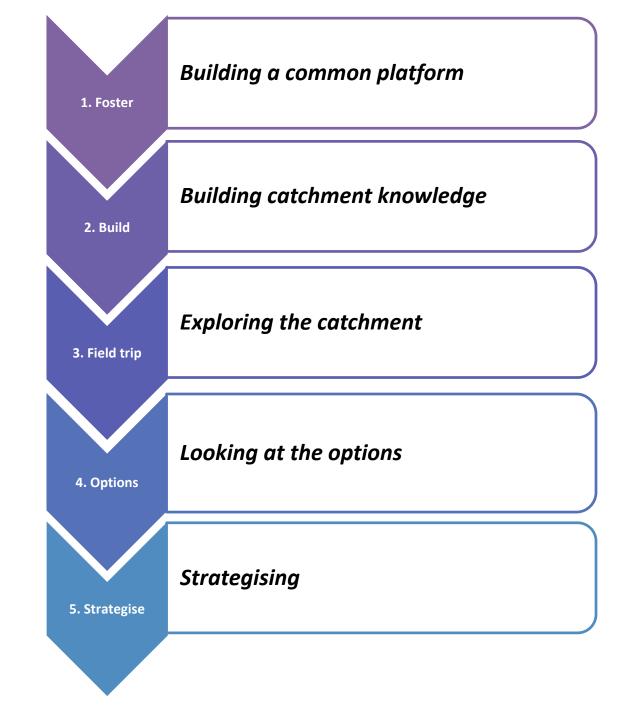
Suzie Greenhalgh, Robyn Simcock, Estelle Dominati, Fraser Morgan, Alec Mackay, Ben Wiercinski

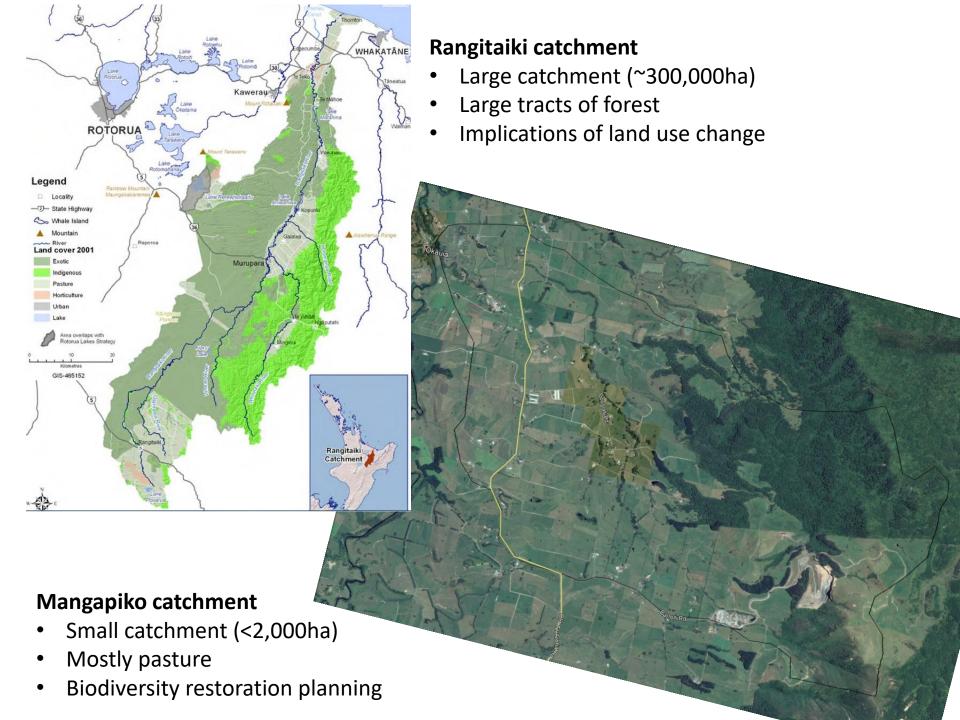


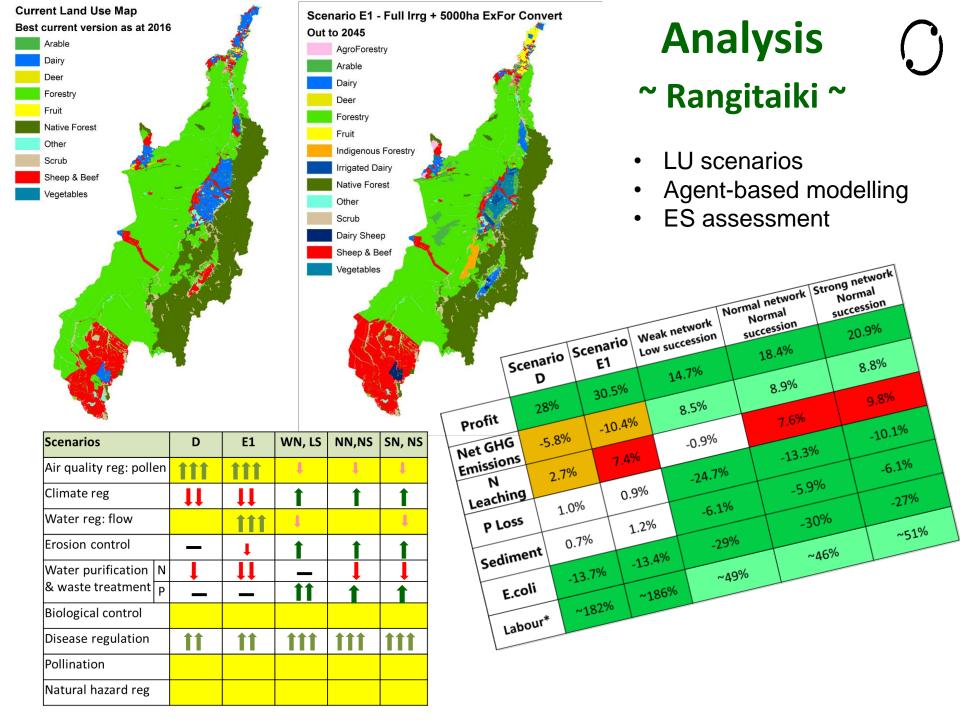
## **BEST Decision-making Framework**



# The process steps





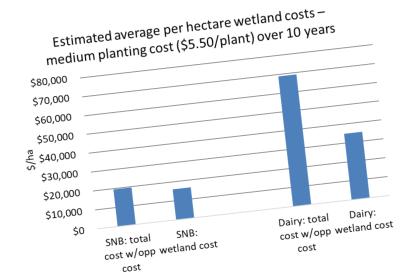


# **Example Analysis**

### ~ Mangapiko ~

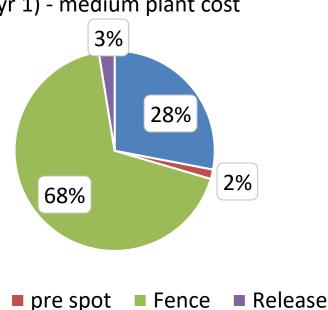
- Options
- Cost-benefit analysis
- ES assessment

Wetland location	area (hectares)
SNB	1.6
Dairy	8.3
Total	9.9





Breakdown of wetland establishment costs (yr 1) - medium plant cost



Plants

#### What are the hard bits?

- Building trust
- Language & communication
- Meaningfully understanding cultural values
- Getting the balance right in options/scenarios
- Choice of indicators & availability of knowledge
- Use in decision-making
- Achieving on-the-ground impact



### Some take homes



#### **Process**

- Social capital is key
- Clear messaging throughout the process
- Usefulness of building up the modelling to tell the story with the group
- Maintain process flexibility to ensure meets your & participant needs
- People want to be engaged and are open to sharing knowledge and their experiences

#### Research

A process can give you the mandate to engage differently with other groups

#### **Impacts**

- Ecosystem service approaches enable us to identify the key benefits and where they lie
- Best results are often local (farm or location specific)
- A good lunch goes a long way!