

# Introduction to Freshwater Management Units

# Outline

- What is an FMU (freshwater management unit)?
- Why are we using FMUs?
- Things to think about when developing FMUs for Te Awarua-o-Porirua
- Get drawing...

# What is an FMU?

- Definition in NPS-FM:

*A water body, multiple water bodies, or any part of a water body determined by a regional council at the appropriate spatial scale for setting freshwater objectives and limits and for freshwater accounting and management purposes*

WATER

LAND

# So, what is an FMU?

- The **water body** to which we apply objectives

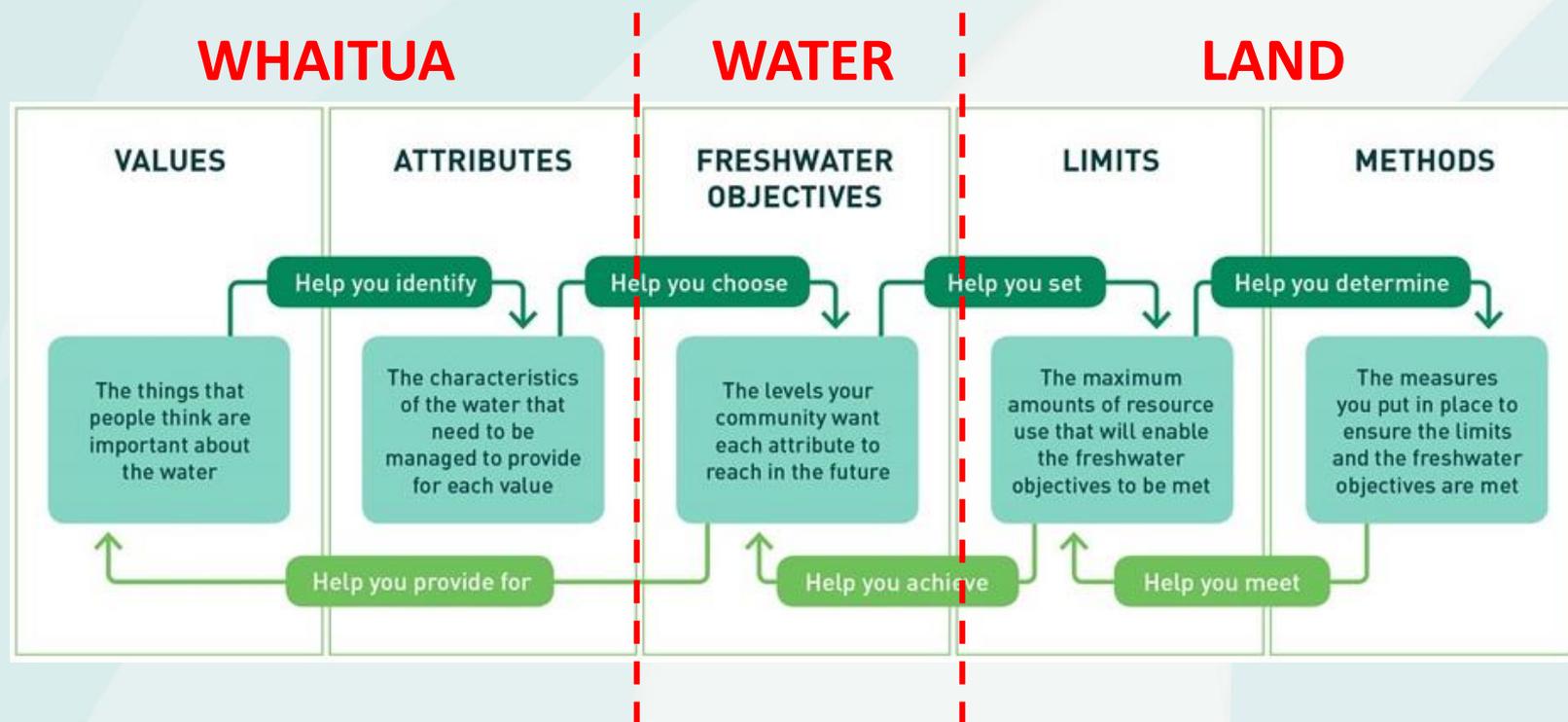
AND

- The contributing **catchment** to which we apply limits and management methods

# Why are we using FMUs?

- FMUs are a spatial framework that provides for:
  - Variation in values and issues across whaitua
  - Variation in potential management
- FMUs define where:
  - We're aiming to achieve objectives
  - To manage activities (limits and methods)
  - To monitor resource use

# Why are we using FMUs?



# How to identify FMUs?

- Identify **both** water bodies and contributing catchment
- Define a system for grouping **similar** water bodies
- Think about **scale** and **nesting**
- Don't forget **coastal water** = water management units (WMUs)

# How to identify WMUs?

- No right way, but needs to be transparent and stand up to scrutiny
- Ideas:
  - Each sea draining catchment
  - Water bodies with similar characteristics
  - Water bodies with similar land uses or land covers in the catchment

# Things to think about

- Which areas are similar in their physical characteristics of land or water?
- Which areas drain together into a water body?
- Which land areas are used in similar ways, or have similar land-cover?
- Which areas have similar problems from a water perspective?