



REGIONAL FORUM

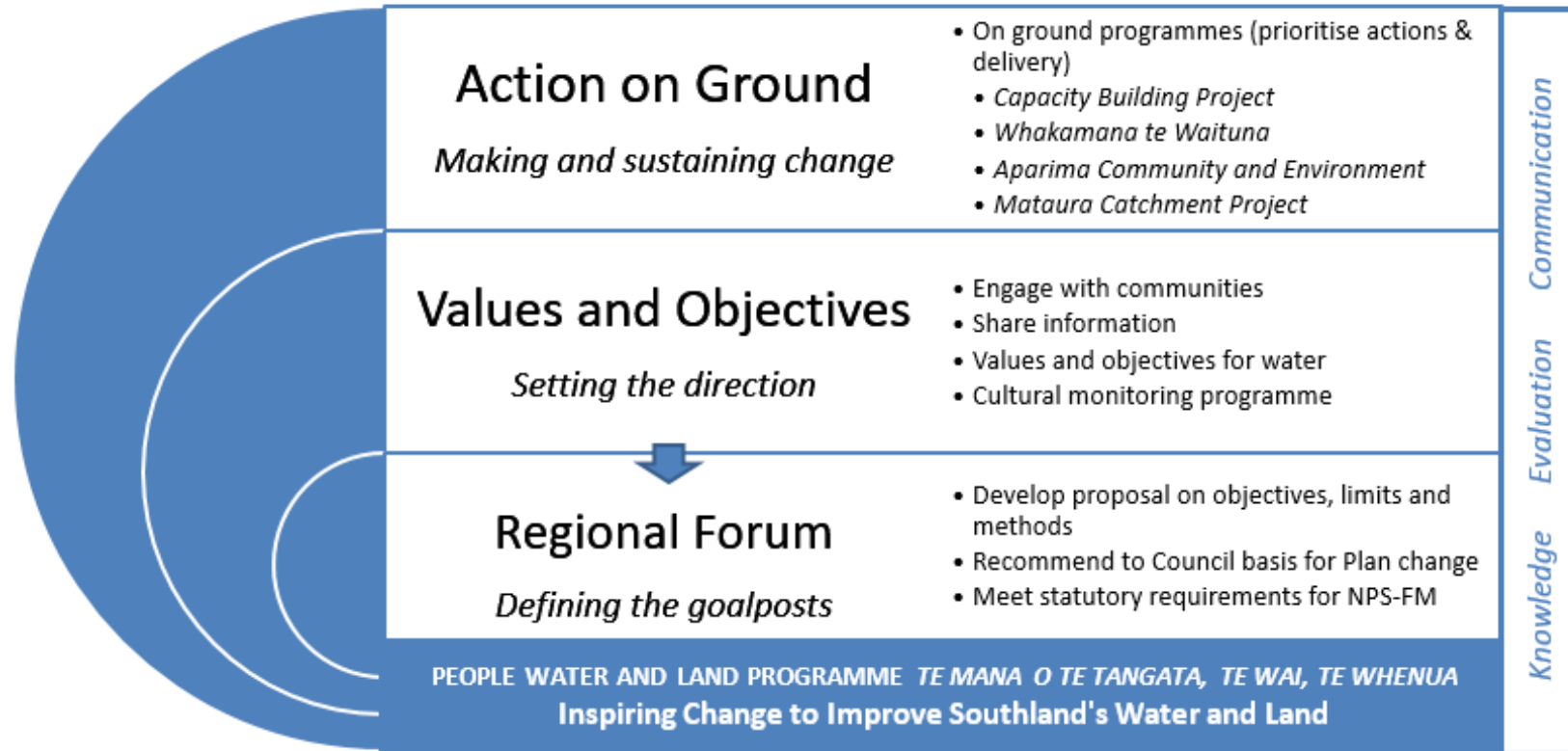
People Water and Land – *Te Mana o te Tangata, te Wai, te Whenua*

Values and Objectives Overview

26 July 2019

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Environment Southland and Te Ao Marama Inc.





5 Guiding principles



Knowledge



Ka ora ai te iwi
With your basket and my basket the people will thrive



TE AO MARAMA INC.



REGIONAL FORUM

People Water and Land – *Te Mana o te Tangata, te Wai, te Whenua*

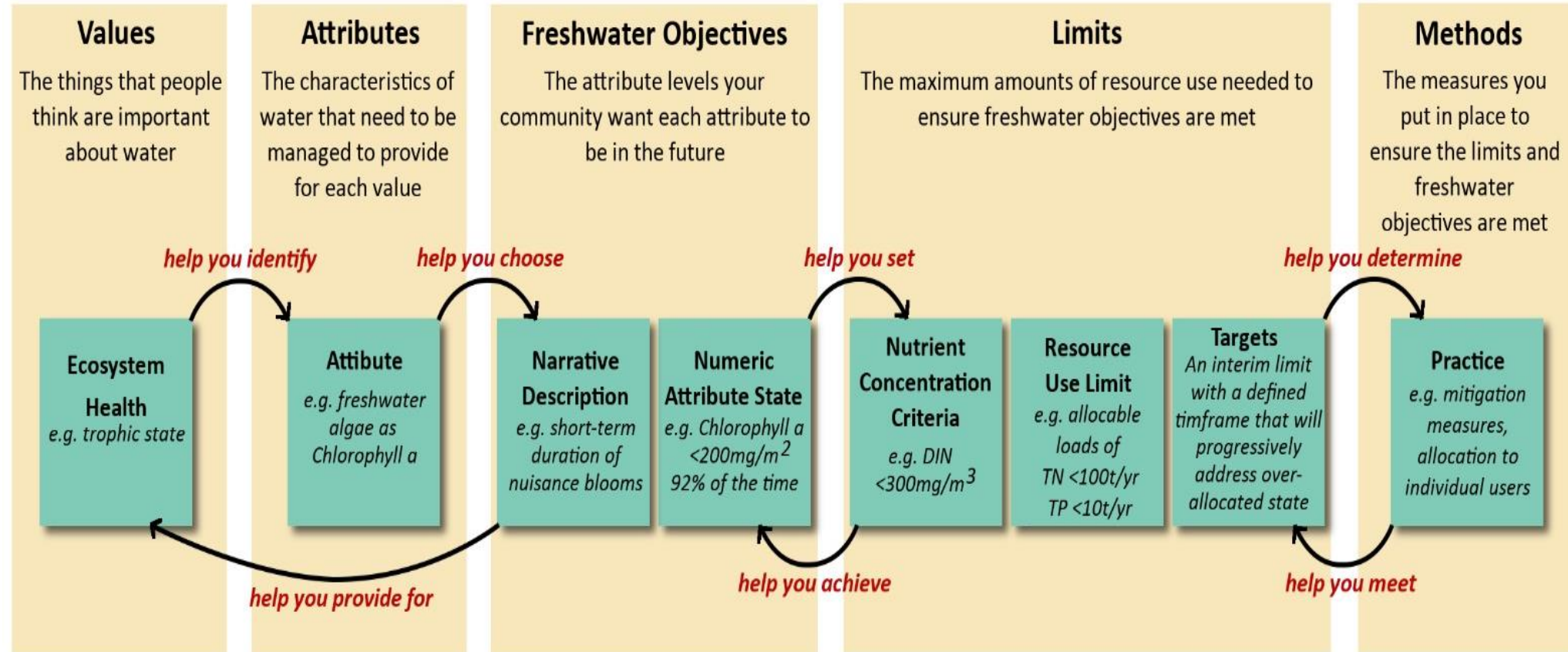


**environment
SOUTHLAND**
REGIONAL COUNCIL
Te Taiao Tonga



REGIONAL FORUM

People Water and Land – Te Mana o te Tangata, te Wai, te Whenua



Work Phases

1. Community engagement programme

- Initial information gathering project
- Share your Wai campaign
- Focus group sessions
- Maori values collection programme

2. Data analysis and desktop science process

- Write-up of engagement process/distillation of data
- Desktop science process to generate possible attributes and draft freshwater objectives

3. Gap analysis

- Assessment of the gap between the draft freshwater objectives and current state

Initial information gathering

- Need for active, informal and integrative engagement
- Face to face, small groups
- Target approach to connect with those ‘getting by’, busy urban and rural residents and youth
- Varied communication modes
- Parts of community with high awareness/engagement influential in engaging others

SHARE YOUR WAI



Why is water important?

- Sustains life/necessity of life/our lifeblood
- Clean/fresh water needed for drinking water, recreation, swimming, fishing, stock water, aquatic ecosystems, farming, industry, visual attractiveness etc
- For future generations

Places of importance

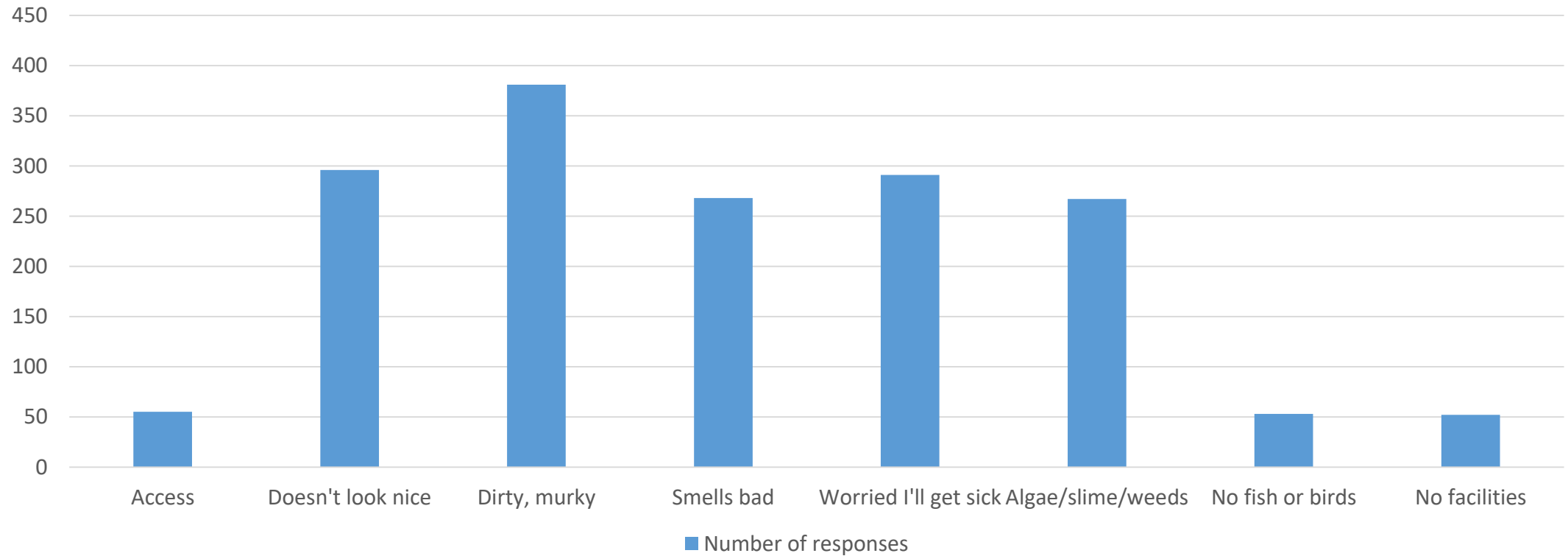
- Wide variety of localities listed e.g. Oreti River, Invercargill (New River) estuary, Oreti Beach, Omaui, Bluff.
- Ranges from specific to very general e.g. all water bodies
- Why generally has focus on recreation e.g. swimming, fishing



Places avoided

- *Number of localities listed (e.g. Maitava, Oreti, Waituna, Fortrose, Waihopai, Otepuni, estuaries – particularly New River and Jacobs River)*

Reasons people avoid water bodies



Places avoided continued...

- Other reasons: worried about cyanobacteria, cow poo present, pest plants present (e.g. gorse and broom), too 'man made' i.e. straightened.



- *Clean/fresh*
- *In a better condition/better than now/the same or better*



First steps to improvement

- ***Everyone playing their part***
- *Stop people dumping their rubbish*
- *Education*
- *Riparian fencing/planting*
- *Reducing N/fertiliser*
- *Reducing or capping cow numbers*
- *Improve urban discharges*
- *Estuarine/wetland restoration*
- *Monitoring*
- *Tighter enforcement*
- *Address duck pollution*
- *Catchment group involvement*
- *More variety of farming operations*



Other

- Don't blame one industry/sector
- Worst water quality in country versus not too bad
- Topical issues – 1080, chlorination, sewage, selling of water, freedom campers
- Start doing something
- Provide \$\$\$

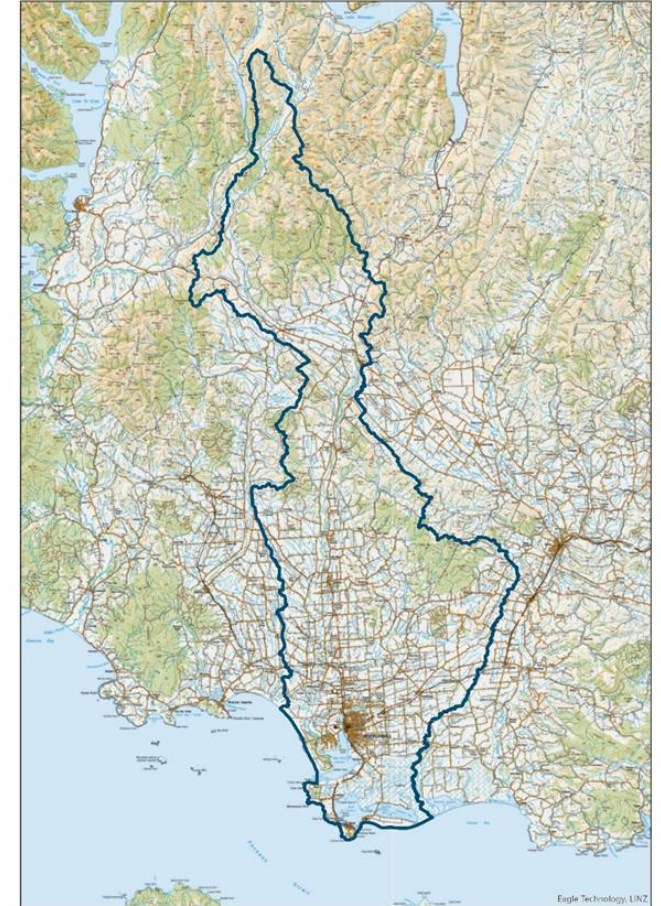
Focus groups

Purpose:

- Check of survey results at local scale
- Additional data collection
- To inform Regional Forum process

Outline:

Survey results, 3 exercises



Maori values collection programme



Desktop science process

- Review of existing material
- Identifying attributes
- Review of spatial classification frameworks
- Formulating of draft freshwater objectives

Gap analysis

	Narrative description	Numeric attribute state	
A (Very good)			
			<i>Draft Freshwater Objective eg from pSWLP - Appendix E</i>
B (Good)			
			<i>Current attribute state</i>
C (Fair)			
			<i>National Bottom Line (NPSFM NOF) or Regional Bottom Line (pSWLP 1 June 2016 state)</i>
D (Poor)			

the "gap"

Outputs

Deliverable	Timeframe
Overview of the Values and Objectives work programme	Today
Peer reviewed report(s) including the methodology and outputs for: (i) Confirmation of values (ii) Draft freshwater objectives (iii) Evaluation of the engagement and awareness campaign(s)	Regional Forum September 2019 workshop
Peer reviewed report on the 'gap' between the draft freshwater objectives and current attribute state, including where appropriate benchmarking as the basis of "maintain" (pSWLP)	Regional Forum November 2019 workshop

Questions?