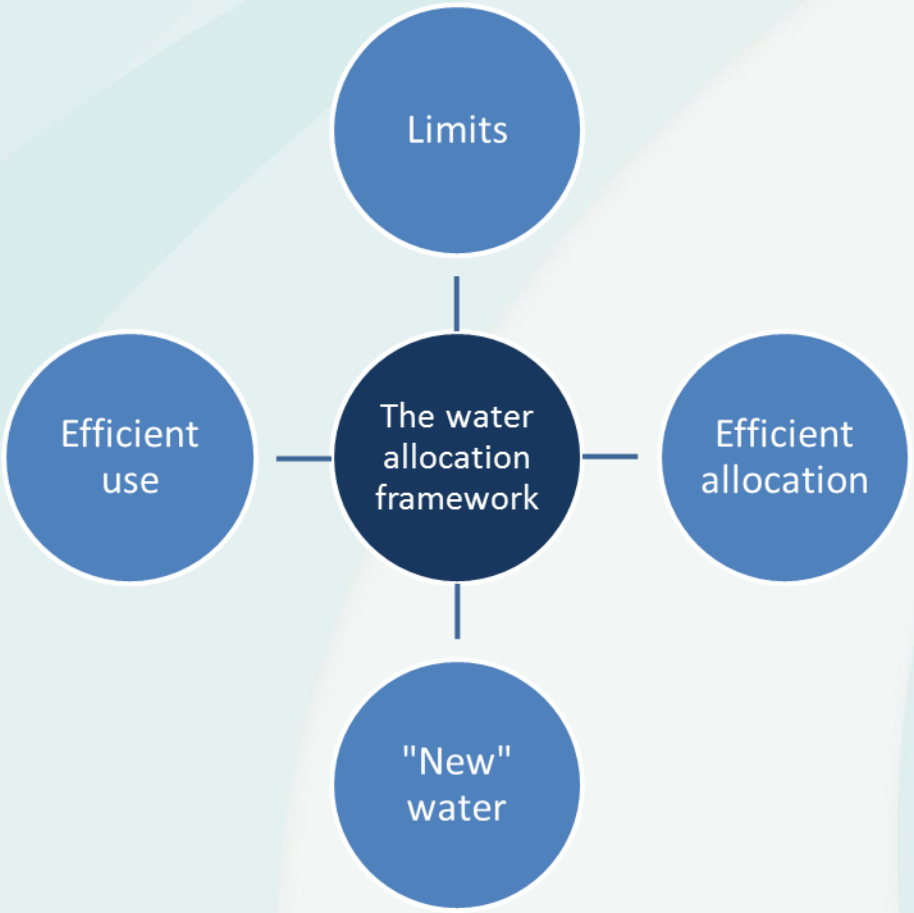
The water allocation framework



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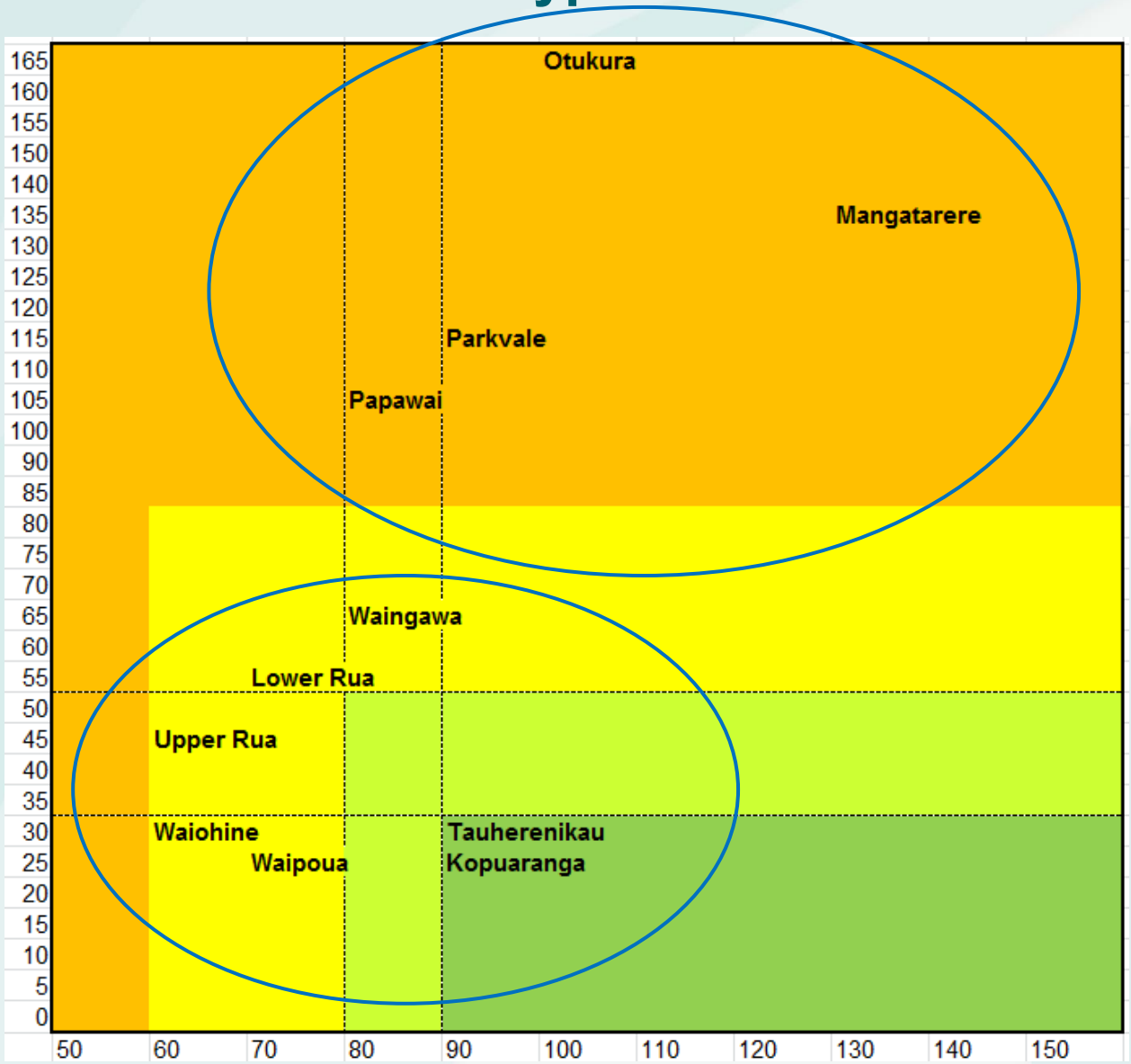
Limit setting: Questions for the committee

1. At what scale do you want to consider limit setting?
2. Do you want a more sophisticated framework with bands of reliability?
3. What limit options other than status quo do you want to test?
4. How do you want to deal with activities that currently do not cease take at minimum flow?
5. Is the current level of permitted (unconsented) use acceptable?

How do you want to build flexibility into the framework to account for climate change?

Q1. At what scale do you want to consider limits – river by river or units of common ‘type’?



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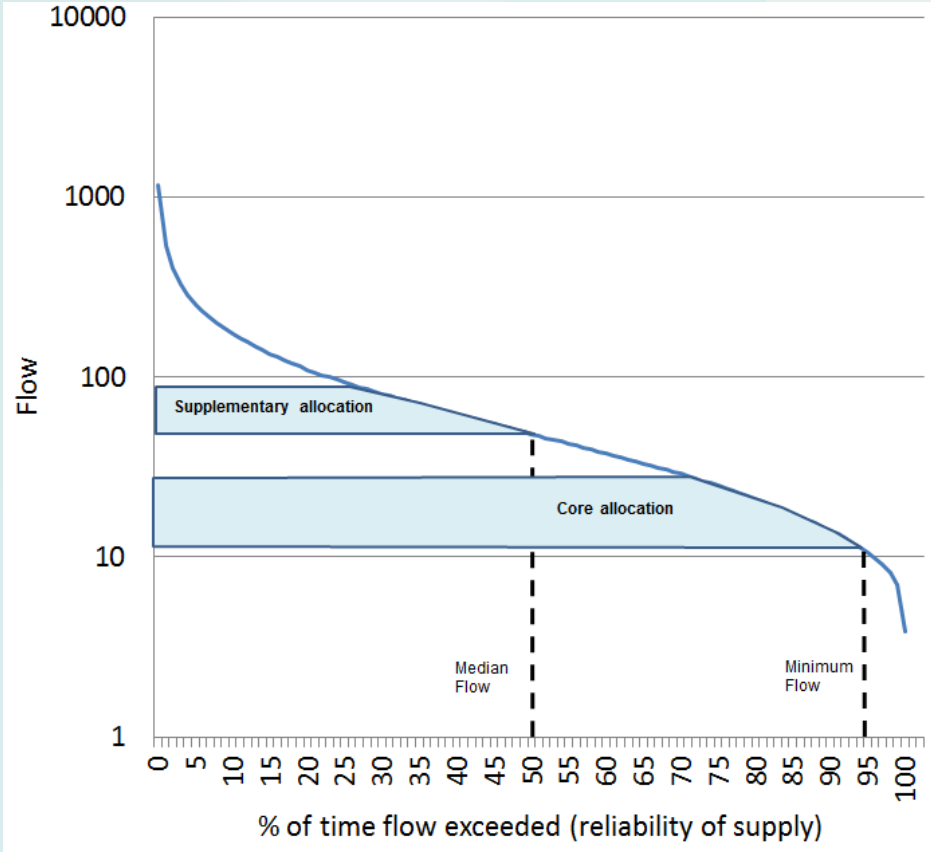
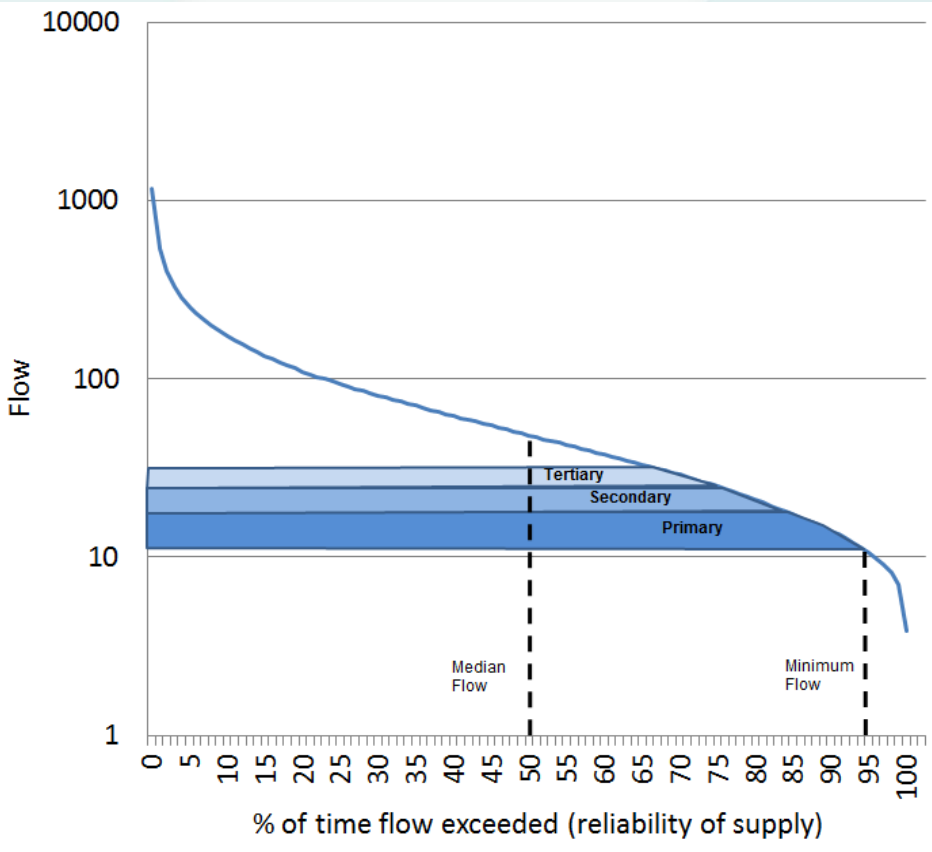
Q2. Do you want a more sophisticated framework with multiple bands of reliability and blocks of allocation?

- How to allocate activities to bands of differing reliability?





Q3. What limit scenarios (allocation, minimum flow) other than status quo do you want to test ?

		Minimum Flow scenarios					
		Status quo Existing minimum flows	**Default limits** Minimum flows of: 90% MALF (small) 70% MALF (large)	**Lower Minimum Flow** Minimum flows of: 70% MALF (small) 50% MALF (large)	**Higher Minimum Flow** Minimum flows of: 120% MALF	**Minimum flows for cultural values** Caleb Royal recs	**Other??**
Allocation scenarios	**Status quo** Existing allocation	√				√	
	Default limits Allocation of: 30% MALF (small) 50% MALF (large)		√				
	Lower Allocation Allocation of: 15% MALF (small) 30% MALF (large)	√					
	Higher Allocation Allocation of: 50% MALF (small) 100% MALF (large)						
	Multiple Band Allocation Allocation of: Primary (x%) Secondary (y%) Tertiary (z%)						
	Allocation available under: Reliability of: 100% [community] 90-95% [primary use] 70-80% [secondary use] 50-60% [tertiary use]						
	Other??						

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Q4. How do you want to deal with activities that currently do not cease take at minimum flow?

Activity		What happens now	Proposed Plan	Options
Community water supply		reduce	reduce	
Water races		reduce	cease	
Permitted activities (general use, farm dairies, stock and domestic		nothing	nothing	Refer to Q5
Rootstock protection		cease	reduce	
Other specific activities		N/A	N/A	
Everything else	Surface water	cease	cease	
	Groundwater directly connected to surface water	Nothing/reduce by 50%	Reduce by 50%	
	Groundwater not directly connected to surface water	nothing	nothing	

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Q5. Is the current level of permitted use acceptable in fully or over-allocated catchments?

Current permitted activity	Possible options	
	Status quo	Other options
General use	20m3/day (>20ha), 10m3/day (<20)	More Less No general use permitted activity
Domestic use	Permitted under the RMA subject to no adverse env effects	Restrict
Stock use	Permitted under the RMA subject to no adverse env effects	Restrict
Farm dairies (dairy shed washdown)	Permitted for current stock numbers (70 L/sec per stock unit)	No farm dairy permitted activity

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New water

- Storage
- Aquifer recharge
- Transport water between sub-catchments