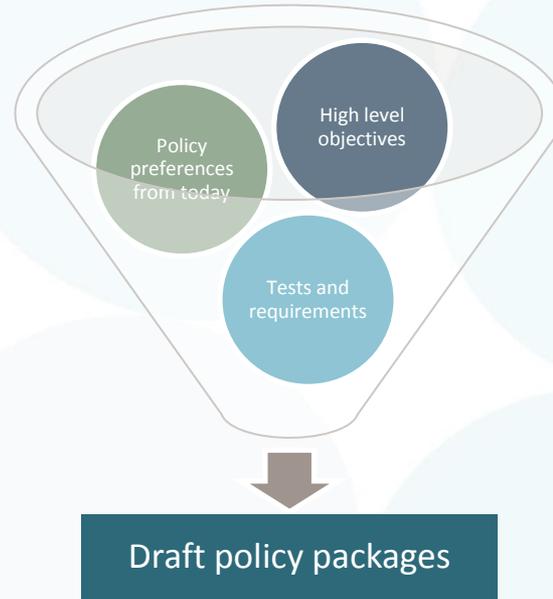


# Strawmen policy packages – Part 2

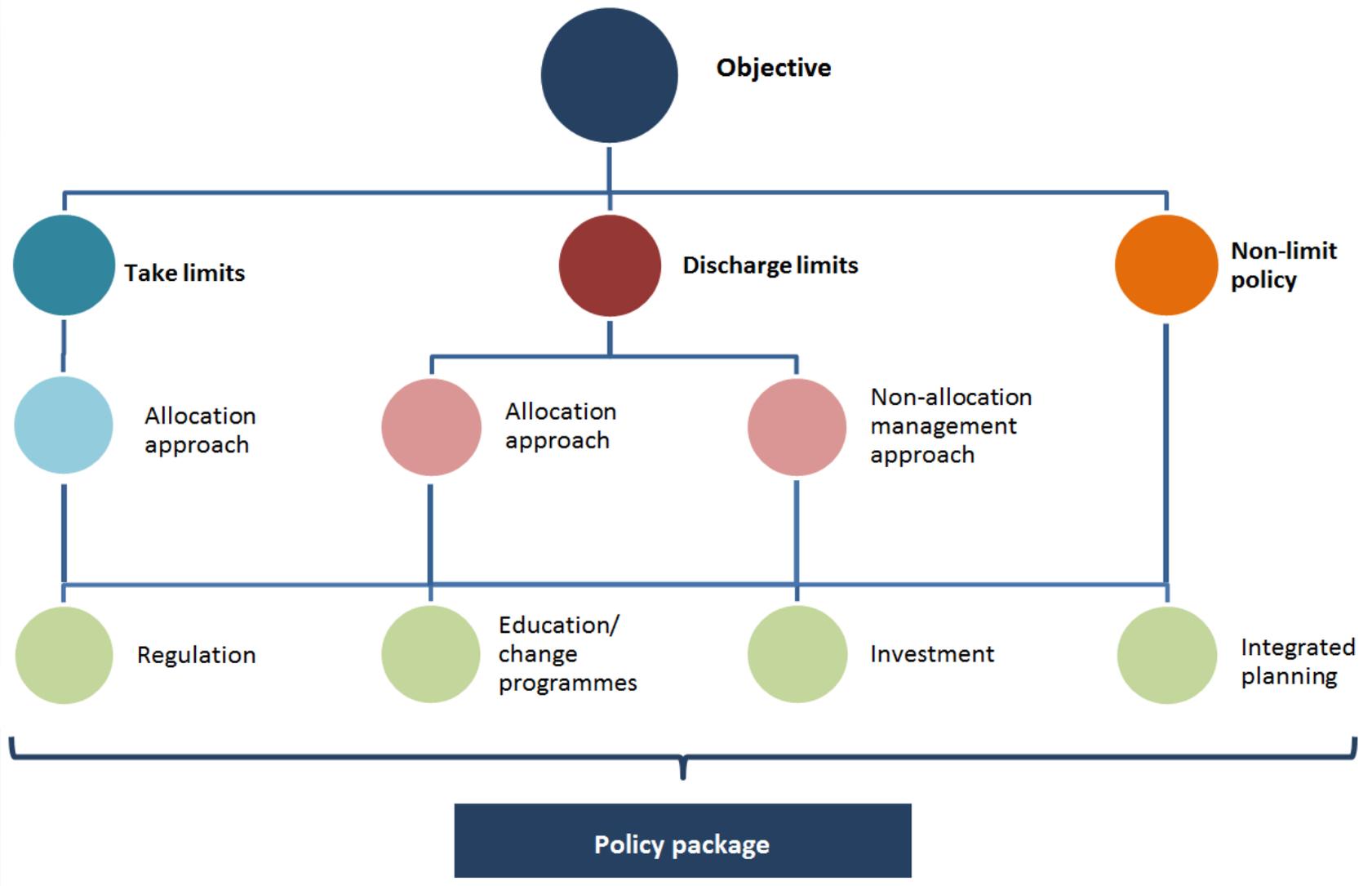
29 June 2017 meeting

# Putting together draft policy packages



Process: from here to August

- Later, we'll return:
  - Bringing together with objectives
  - Community and stakeholder feedback



# Policy package run through

- Updates from last meeting



A policy tool not currently in use



A current policy tool where there could be BIG change

- Details on these areas in handouts

## Policy theme: Existing urban

Practice around...	Policy tools for Existing urban (land use and infrastructure management)			
	Regulation	Education/change programmes	Investment	Integrated planning
Stormwater and wastewater networks	Public network discharges, in accordance with identified limits and targets  <ul style="list-style-type: none"> <li>Stormwater</li> <li>Wastewater</li> </ul>	Industry good practice – guidance and programmes Education – infiltration and inflow to networks from private*	Green infrastructure, e.g. stormwater wetlands 	Aligning bylaws and bylaw implementation <ul style="list-style-type: none"> <li>Stormwater</li> <li>Wastewater</li> <li>Trade waste</li> </ul> Open space planning Flood plain planning and management Infrastructure asset management: planning, operation, maintenance, renewal, upgrade
Stormwater discharges (not from networks)	Rules on discharges from private property Land use controls on high risk activities properties 	Community programmes Urban land use advisory and extension, e.g. Take Charge programme  Promote industry good practice, e.g. petrol stations	Incentives/programmes e.g. riparian Community programmes e.g. stream restoration	
Waterways management		Community programmes	Open space management Day lighting streams*	Flood plain planning and management Open space planning RMA s13 beds of rivers

\* Added following 15.06.2017 meeting

## Policy theme: New development – Greenfield

Practice around...	Policy tools for New development – Greenfield			
	Regulation	Education/change programmes	Investment	Integrated planning
Stormwater	Discharges from new development, including stormwater contaminant load offsetting 	Industry good practice  Guidance and programmes, e.g. water sensitive design	Green infrastructure, e.g. stormwater wetlands 	District Plans: <ul style="list-style-type: none"> <li>Subdivision rules</li> </ul> Structure plans NPS-UDC land use and infrastructure capacity planning process
Network infrastructure	New/change in stormwater discharges from network as result of new development			Stormwater network consents Infrastructure asset management: planning, operation, maintenance, renewal, upgrade Regional Water Standard Stormwater bylaws
	New/change in wastewater discharges from network as result of new development			
Earthworks	From new development  <ul style="list-style-type: none"> <li>Land use</li> <li>Discharges</li> </ul>	Industry good practice		District Plan rules
Waterways management	Stream modification, piping and reclamation		Incentives/programmes e.g. riparian restoration Community programmes e.g. stream restoration Open space management	Flood plain planning and management RMA s13 beds of lakes and rivers Open space planning

# Policy theme: New development – Infill/Brownfield

Policy tools for New development – Infill/Brownfield				
Practice around...	Regulation	Education/change programmes	Investment	Integrated planning
Stormwater	New discharges from new development, including stormwater contaminant load offsetting 	Industry good practice 	Green infrastructure  Community programmes e.g. stream restoration	Aligning District Plans rules <ul style="list-style-type: none"> <li>• Subdivision</li> </ul>
	New discharges from private/single sites 			Aligning bylaws and bylaw implementation <ul style="list-style-type: none"> <li>• Stormwater</li> <li>• Wastewater</li> <li>• Trade waste</li> </ul>
Earthworks	<ul style="list-style-type: none"> <li>• Land use</li> <li>• Discharges</li> </ul>	Industry good practice Water sensitive guidance		Flood plain planning and management
Network infrastructure	New/change in stormwater discharges from network as result of new development			Infrastructure asset management: planning, operation, maintenance, renewal, upgrade RMA s13 beds of lakes and rivers
	New/change in wastewater discharges from network as result of new development			

# Policy theme: Rural

Practice around...	Policy tools for Rural			
	Regulation	Education/change programmes	Investment	Integrated planning
Waterways management	Stock exclusion rules 	Community programmes Fish passage information	Community programmes Incentives/programme, e.g. fencing wetlands Riparian management, including restoration and access	RMA s13 beds of lakes and rivers Flood plain planning and management
Sediment management	Rules on <ul style="list-style-type: none"> <li>• Earthworks</li> <li>• Forestry</li> </ul>	Farm advisory and extension services Industry good practice, guidance and programmes	Incentives/programmes <ul style="list-style-type: none"> <li>• Riparian</li> <li>• Erosion control</li> <li>• Nutrient management</li> </ul> Retirement of steep slopes/afforestation 	Farm, life-style block or property scale planning and implementation  Sub-catchment community groups  District Plan provisions
Nutrient management	Land use controls	Farm advisory and extension services Industry good practice, guidance and programmes	Community programmes	Farm, life-style block or property scale planning and implementation
Other discharges	Point source discharges	Education material, e.g. <ul style="list-style-type: none"> <li>• Septic tank management</li> </ul>		Bylaws Septic tanks (building consents/regional rules)
Water takes	Take and use (permitted/consented) 	Good management practice info for industry/residential		





Te Awarua-  
o-Porirua  
Whaitua  
Committee



greater WELLINGTON  
REGIONAL COUNCIL  
Te Pane Matua Taiao



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Whaitua  
Committee



greater WELLINGTON  
REGIONAL COUNCIL  
Te Pane Matua Taiao

# Strawmen policy packages

15 June 2017 meeting

Te Awarua  
o-Porirua  
Whaikua  
Committee



# TE AWARUA-O-PORIRUA WHAITUA COMMITTEE WORK STAGES 2017

## Pre-loading

Complete scenario design



Explore policy management options, including allocation of takes and discharges



## Identifying preferences

Identify draft policy preferences



Start identifying places to maintain or improve



## Deliberations and decisions

Identify draft objectives for each water management unit

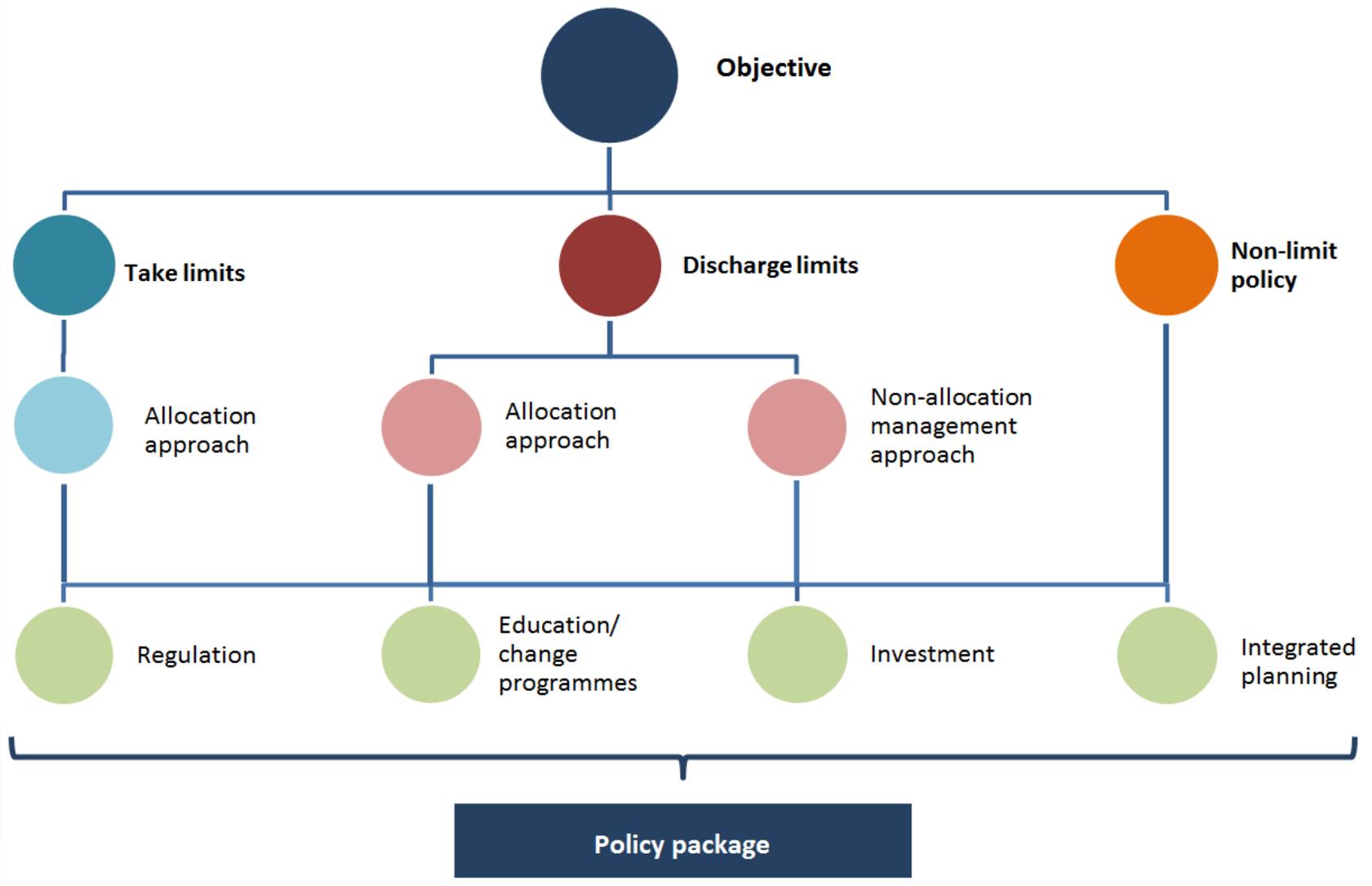


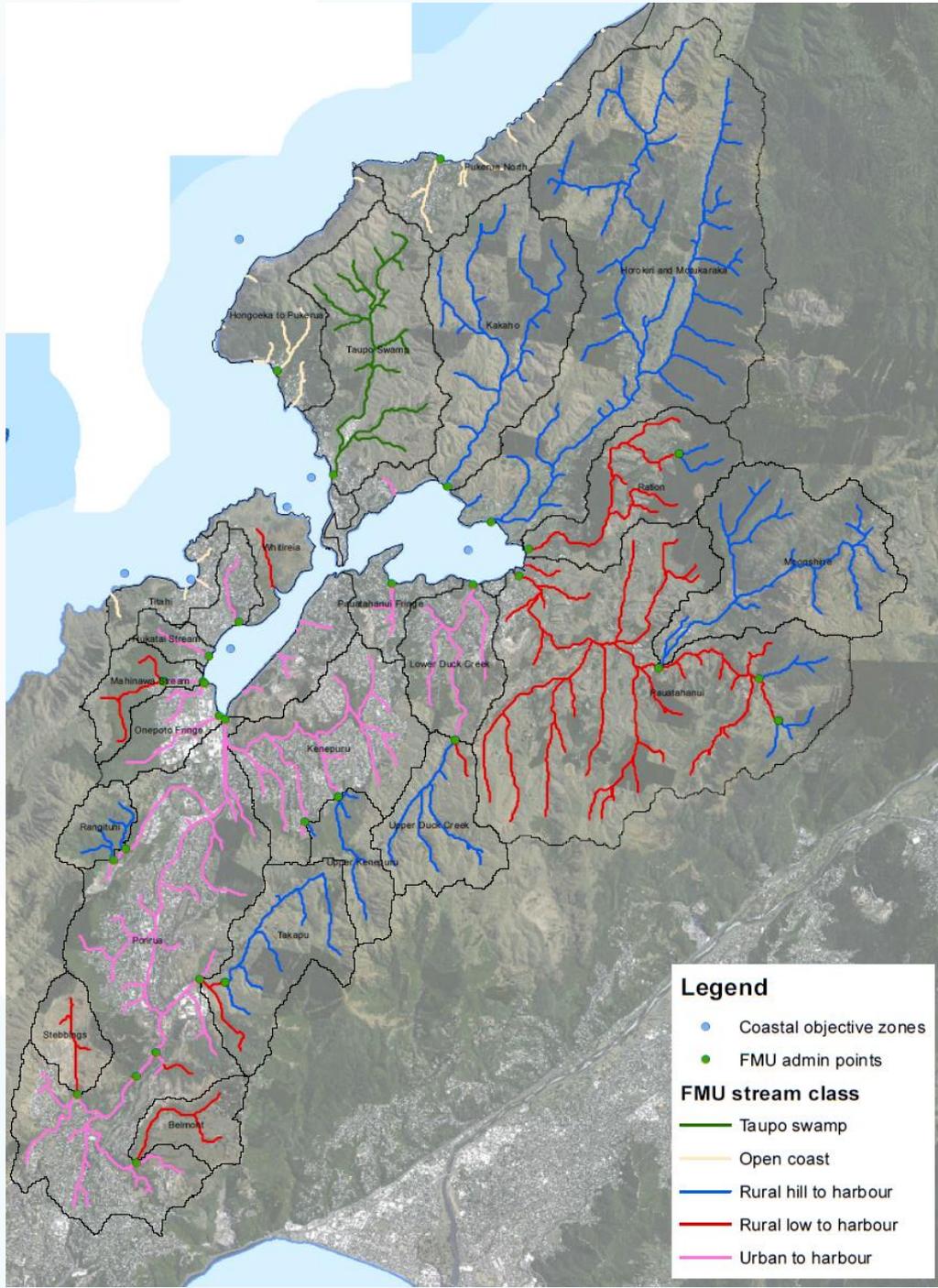
BAU model results

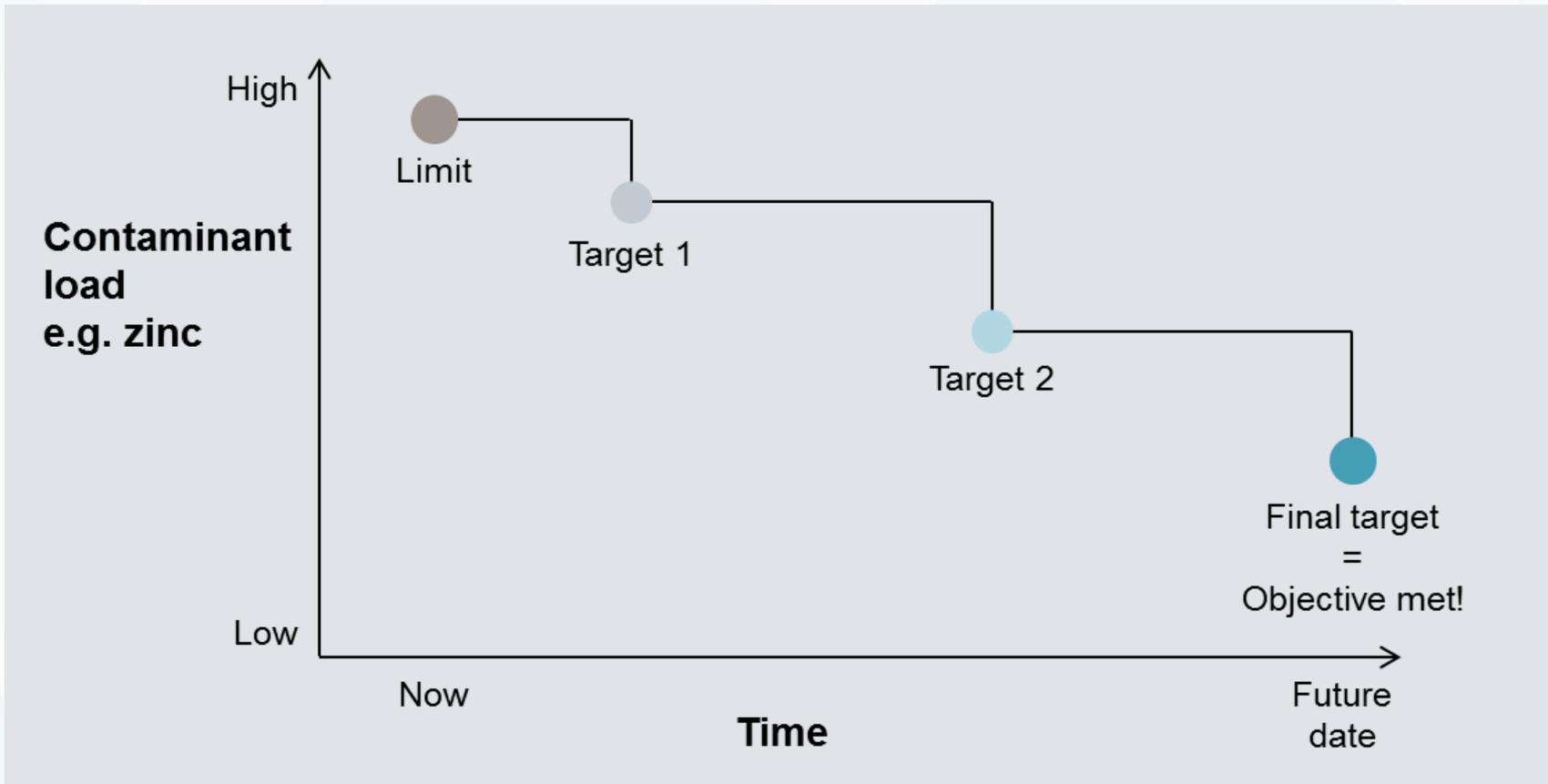


Scenarios model results









# Putting together policy packages

- From last meeting:
  - ‘Practice’ can fit under many policy tools
  - Some draft ideas for policy packages
  - Directions:
    - Think about implementation when creating policy
    - Learn from good practice elsewhere
    - Doing the planning in the plan

# Putting together policy packages

- Legacies of planning status quo:
  - Lack of alignment from planning to delivery
  - Lack of clear objectives, no water quality limits
- Opportunities:
  - Clear objectives, limits, targets, methods
  - Pathways to describe improvement over time
  - Integration between and within key orgs
  - Building community connection with water

# Strawmen policy packages

- Four 'policy themes'
  - Existing urban
  - Rural
  - New development – greenfield
  - New development – infill/brownfield
- These are bare bones! Let's put some substance in

# High level objectives

Restore ecological health and water quality	Improve water quality for human health	Sustainable urban development	Sustainable rural land use	Te mana o Te Awarua-o-Porirua
<p>Reduce sedimentation rates</p> <p>Reduce pollutant inputs:</p> <ul style="list-style-type: none"> <li>- reduce toxicant inputs</li> <li>- cap nutrient inputs</li> </ul> <p>Restore habitats:</p> <ul style="list-style-type: none"> <li>- estuary re-vegetation</li> <li>- riparian and habitat enhancement</li> </ul> <p>Reduce impacts from altered hydrology</p>	<p>Achieve water quality suitable for swimming:</p> <ul style="list-style-type: none"> <li>- reduce fecal inputs</li> </ul> <p>Improve access</p> <p>Improve amenity</p>	<p>Achieve sustainable urban development:</p> <ul style="list-style-type: none"> <li>- maintain and improving water quality</li> <li>- provide housing stock and built environment that meets the communities needs</li> </ul> <p>Provide sustainable and resilient water infrastructure</p>	<p>Achieve sustainable land management and land use practice</p>	<p>Provide for Māori use including mahinga kai</p> <p>Restore the mana of Te Awarua-o-Porirua</p>