



Whaitua intro briefing, 15 June 2015





Outline

- Project objectives
- Project structure and timeline
- Schemes selected for Feasibility phase
- A case study



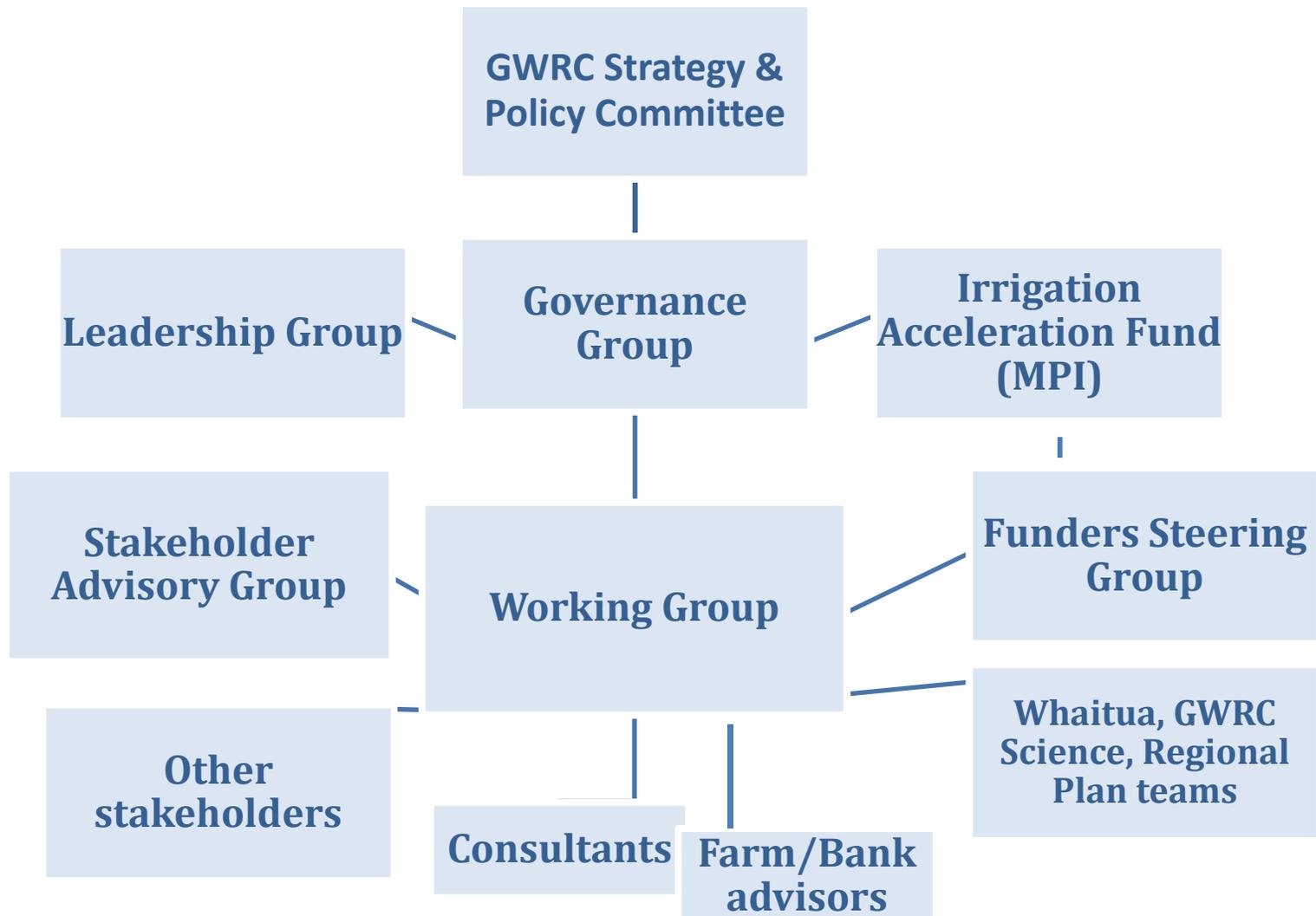
Backdrop of:

- National Policy Statement on Freshwater
- Constrained resources
- Impact of droughts
- Regional economies striving for growth
- Regional Plan/ Whaitua process – environmental limits
- Early investigations by local community from early 2000s



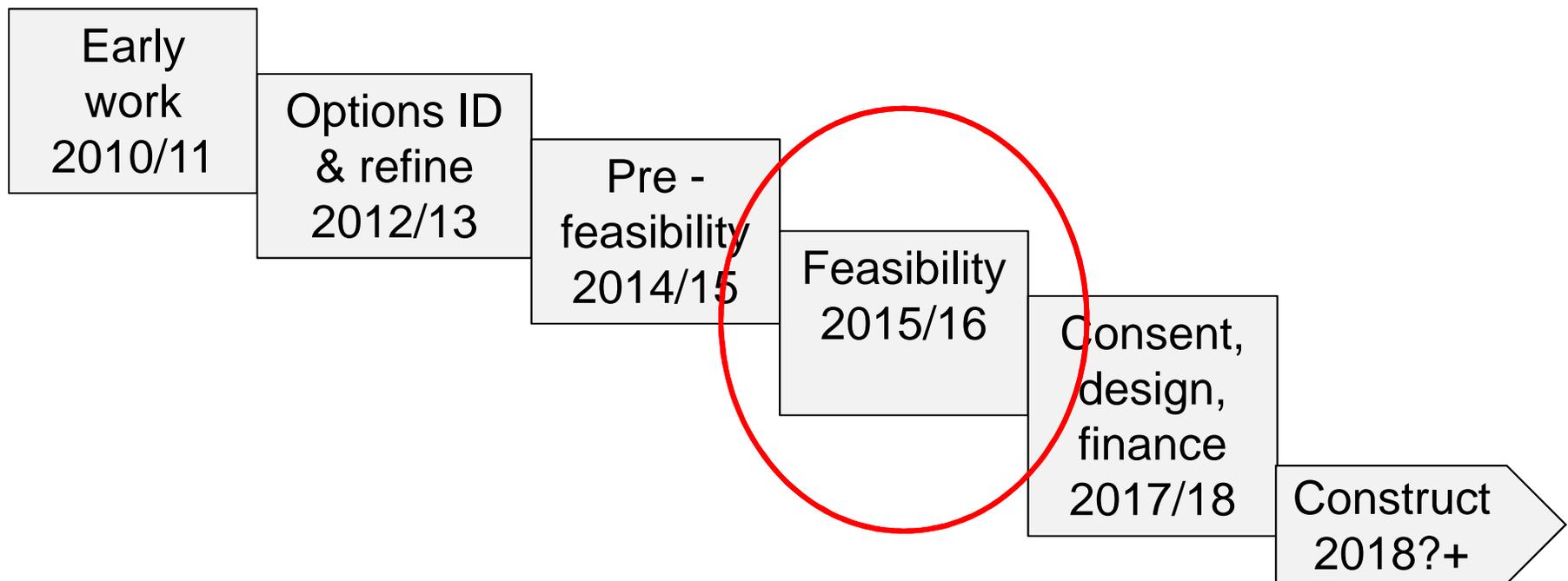
Project objectives

- Provide an affordable, economically efficient and resilient water supply to support rural and/or urban demand, enabling broader economic benefits;
- Manage and minimise potential adverse effects on the natural and social environment through sound scheme selection, project design/operation and mitigation;
- Enable the integration of cultural values and opportunities through consultation and collaboration with iwi;
- Contribute to wider initiatives to improve the resilience, efficiency and reliability of the Ruamāhanga catchment water resource.





Project phases





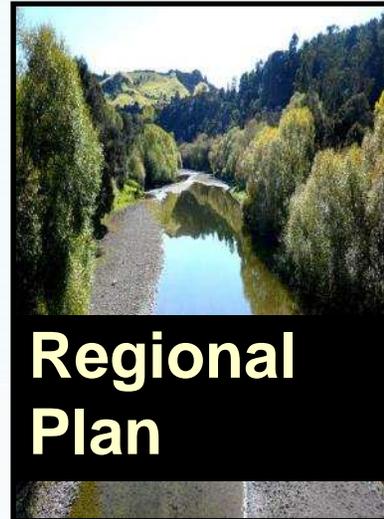
Indicative multi-year work plan

WORK PROGRAMME	ACTIVITY	2014	2015	2016	2017	2018	
Science	Modelling programme	Phase 1	Develop scenarios	Release findings, consider gaps	Further resolution of models Take models from scenario testing to management		
	Water resources Hydrology	Review data	Low/mid flows, ground/surface, water races etc.	Consider gaps	Wetland hydrology Surface/groundwater interaction Identify processes to manage within limits		
Regional Plan review	Regional Plan	Working draft	Draft plan released, community engagement	Proposed plan released	Hearing	Decision version of plan released – appeals process of 1–2 years	
	Ruamāhanga Whaitua		Whaitua Implementation Plan (WIP) development	Committee releases report	Proposed plan change	Decision version of Whaitua chapter – appeals process of 1–2 years	
Wairarapa Water Use Project		Pre-feasibility study	Full feasibility study – selected scheme(s)		Consenting/Design/Tender		Construction

KEY MILESTONES

-  Draft Regional Plan released – community engagement
-  Select water scheme/s for full feasibility study
-  Release science findings, consider gaps
-  Whaitua Committee releases report
-  Decision version of plan released
-  Decision version of Whaitua chapter
-  Water scheme consenting/design/tender

Integrated catchment management



Farming Systems

GWRC-led
Environmental Science



Decision outcomes

Black Creek
(including Wakamoekau)

Tividale



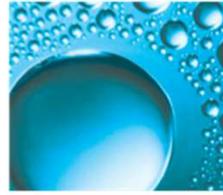


Next phase – Feasibility investigations

- Commercial – funding options and commercial structure
- Environmental – science modelling work
- Regional Plan implications, environmental limits, allocation/efficiency
- Water demand – assess uptake profile
- Geotechnical – reduce risk and optimise cost
- Cultural – opportunities and risks
- Regional benefits and social impacts
- Community engagement



Black Creek scheme – a case study



Questions?