

River Managers Group

Strategy update

SIG workshop 20-21 July 2017





Tonkin+Taylor

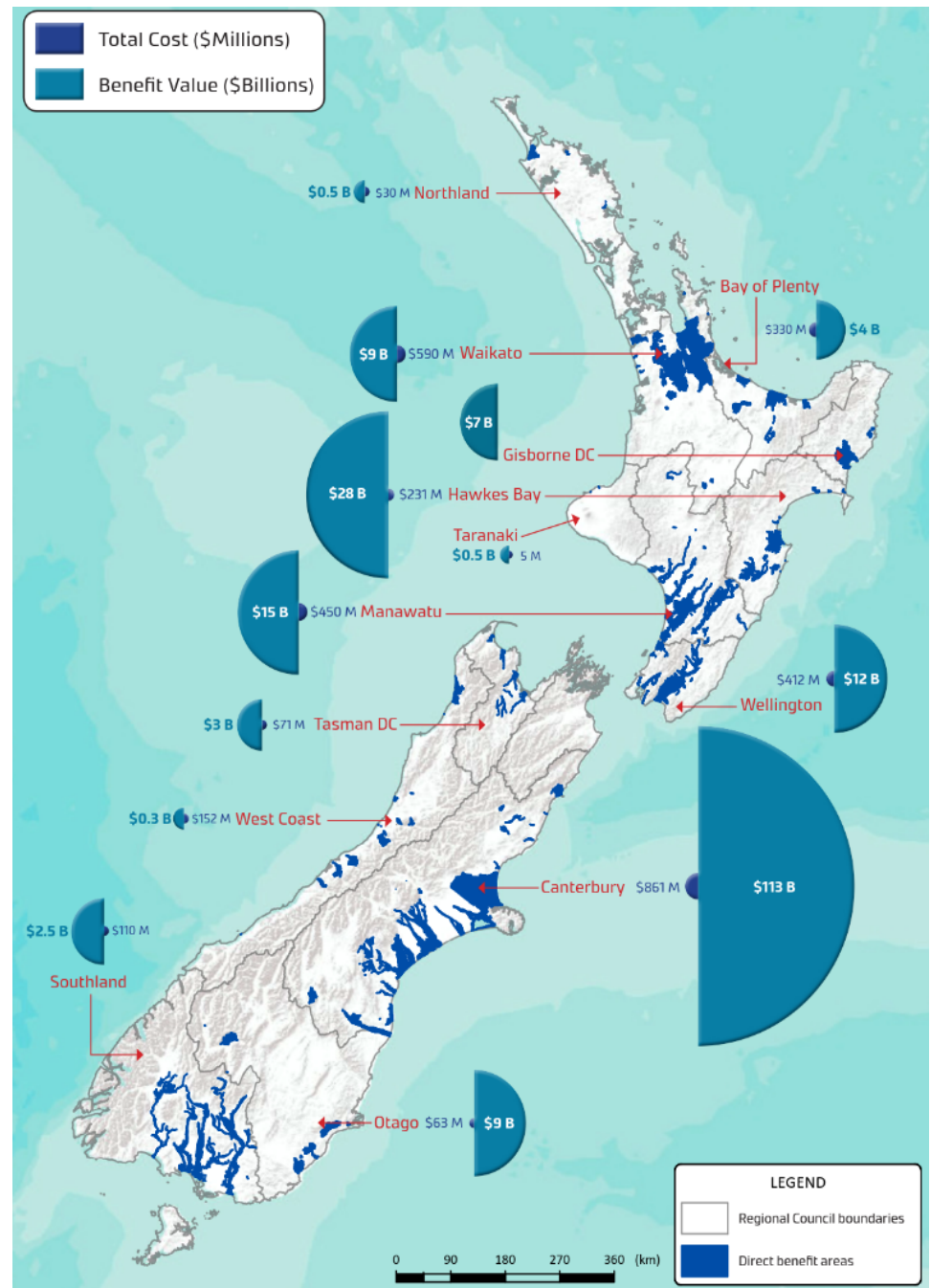
Overview of state, management and value proposition of New Zealand's river control, flood protection and drainage schemes



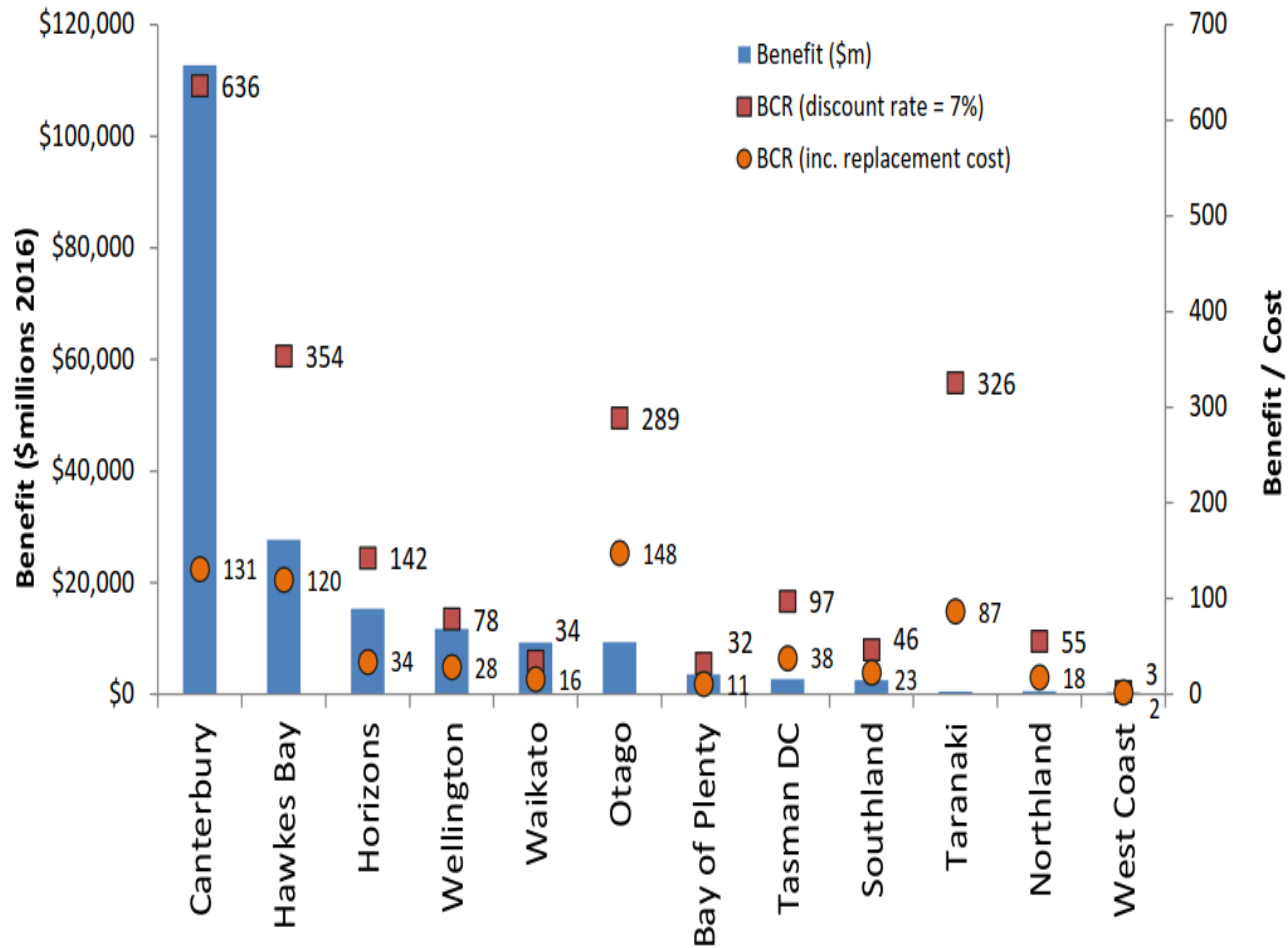
Exceptional thinking together

www.tonkintaylor.co.nz

Cost benefit

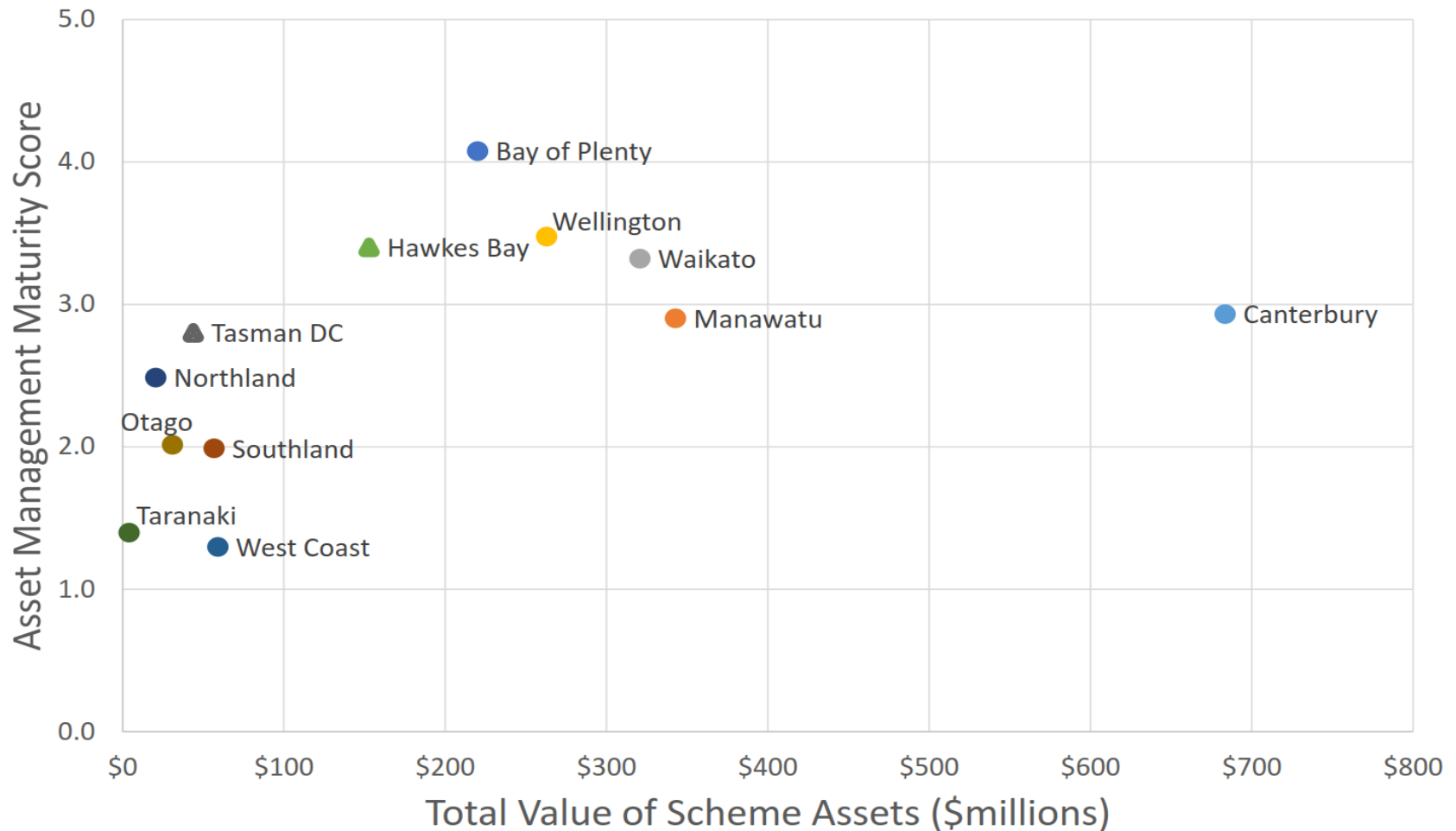


Cost benefit



Asset management

Asset Management Maturity against Total Scheme Asset Value



New Strategic Issues from the Report's Core Recommendations

- Working together across the sector
- Practices, methodologies and standards
 - Quality people
- Communication and enabling environment

Cross SIG Issues

- To enhance New Zealand's resilience to natural disasters
 - integrated floodplain management
- Ecosystem health monitoring measures
- Impact of works on ecology
 - To protect and manage New Zealand's biodiversity

Research priorities

- Forecasting rainfall events to improve community response to floods.
- Improve ecological outcomes and the environmental impact of flood mitigation works.
- Improve economic and social assessment tools to enable better outcomes.

Current and recent research supported by the River Managers Group

- Geomorphology and climate change (Massey University)
- Flood Warning using Radar mapping (Auckland Council)
- Braided rivers (NIWA) (did not receive funding)
- Biodiversity research and investigations (collaboration and further funding required)