

## How do we compare?

This table broadly contrast Kaipara's climate change responses and initiatives to 22 other Territorial Authorities across the country.

Note: This is a working document, and this is not an exhaustive list. The material below may change as new information becomes available or as information changes. This material is also subject to correction.

### Summary of findings:

Climate change response has most commonly been embedded into Infrastructure Strategies and identified as a core issue/challenge/forecast assumption in TA's LTPs (or RMPs). Climate change response in terms of giving effect to natural hazards is present in all District Plans via RMA requirements (so not listed below). These responses are the base standard for local government. Exact budgets allocated to "climate change adaptation" or "climate change mitigation" are difficult to determine, as their costs are primarily embedded into infrastructure services activities. Additional funded activity groups include environmental services, community development services, and leadership services. Two TA's who have published works regarding District Plan Reviews, show significant increase in attention and detail given climate change adaptation.

Along with the Long Term Plan and District Plan, other mechanisms for response & action vary across TAs. Action plans and strategies appear most common. A few Councils have specific policies on sustainability, climate change, or connected natural hazards. Climate change response could also be embedded in sustainability work or more general environmental work.

Information was significantly more accessible if the Council had a designated, up-to-date "climate change" webpage.

<b>Territorial Authority</b>	<b>Method for Obtaining Information</b>	<b>Identified Response / Initiative</b>	<b>Year / Timeframes</b>	<b>Identified Costings &amp; Funding Sources</b>	<b>Planning &amp; Regulatory Documents</b>	<b>Additional Information</b>
<b>Ashburton District Council</b>	Published documents; website	Climate Change Policy – ‘High Level’ Mitigation and Adaptation Commitments	Ongoing, reviewed every 2 yrs starting 2021	Embedded into planned stormwater and wastewater activities budgets.	Yes – LTP Infrastructure Strategy Financial Strategy Assumption District Three Waters Management Activities	Identified in LTP - Forestry asset's produced significant income via carbon credits and ETS.  Under Environment Canterbury Jurisdiction.
<b>Central Otago District Council</b>	Published documents; website	Sustainability Strategy	2019-2024	Embedded into planned stormwater and wastewater activities budgets.  Unable to determine amount.	Yes- LTP Most embedded in Infrastructure Strategy. Identified as a driving factor in renewals programme upgrade.	Climate change is included as a forecast assumption in Significance and Engagement Policy
<b>Gisborne District</b>	Published	2 reports available on	2006. 2009	Embedded into	Yes – LTP	

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<b>Council</b>	documents; website	Climate Change  Natural Hazards reports		infrastructure activities (projects & services).	Primarily in Infrastructure Strategy – Water reticulation, irrigation scheme, stormwater and drainage schemes, Flood and coastal protection  Also in: Financial Strategy, Environmental Strategy Community Facilities Strategies	
<b>Far North District Council</b>	Staff Outreach	Climate change road map (similar to action plan) in development  Emissions inventory	Underway	Unable to determine	Yes -LTP  Infrastructure Strategy, Key infrastructure	

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		<p>commissioned</p> <p>Participating members of Climate Adaptation Te Taitokerau</p>			<p>issue and action step</p>	
<p><b>Napier/Hastings/Hawkes Bay Regional Council</b></p>	<p>Published documents; website</p>	<p>Clifton to Tangoio Coastal Hazards Strategy 2120</p> <p>-Listed as key project in HBRC LTP under Asset Management activities</p>	<p>Decision-making completed 2018</p> <p>Strategy Monitoring and Reviews ongoing over at least the next 100 years</p> <p>Formal Strategy reviews planned to occur at 10-year intervals over this period</p>	<p>Introduced Coastal Hazard Targeted Rate</p> <p>\$7,595,000 / 10 yrs</p>	<p>Climate change identified in each Council's LTP (2018-2028) – significant concern with strategy in development.</p>	<p>Funding Guidelines Developed across Councils as part of Adaptive Pathways Planning</p>
<p><b>Kaikoura District Council</b></p>	<p>Published documents; website</p>	<p>Sustainable Living Aotearoa</p>	<p>Ongoing</p>	<p>Embedded into stormwater service activity</p>	<p>3 Year Plan (no Long Term Plan)</p>	<p>Under Environment Canterbury jurisdiction</p>

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		Collective Action for the Environment / Kotahitanga mō te Taiao	Ongoing		-core issue in stormwater services  -community resilience outcome, main driver	
Kaipara District Council	-	Integrated into LTP  GHG Emissions Inventory  Participating member in Climate Adaptation Te Taitokerau	Underway	Embedded into infrastructure services	Yes – LTP  Most embedded into Infrastructure Strategy  Flood protection and control works activity  Forecasting Assumption	
Masterton District Council	Published documents; website	Environmental Development Strategy in Wellbeing Strategy	Implementation Plan for Environmental	Identified “Environmental Initiatives” Cost	Yes – LTP- Identified in Community	

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		Council Report Template: Environmental/Climate Change Impact and Considerations	Strategy/Wellbeing Strategy - 2018-2021	Centre under Community Wellbeing Budget: \$2,615,786 / 10 yrs  Roughly \$200,000/yr  Rates Identified for – Community Development  Environmental Services  Resource Management	Development, Environmental Services and Resource Management Activity Plans	
Nelson City Council	Published documents; website	Sustainability policy and action plan  Coastal Hazards Strategy in Development	Adopted 2008  Underway	Embedded into Environment Activity Group Funding & Environmental Management Activity, predominantly General Rates.	Yes- LTP- Part of core environment vision and throughout activity plan assumptions and challenges. Core aspect of Infrastructure	Have an additional Air Quality Plan that addresses GHG emission issues.  Explicit Adaptive Pathways Planning steps are included in Strategic Direction of Infrastructure Strategy.  “Coastal Hub” separate

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				Also embedded into Infrastructure Works Programmes.	Strategy.  Yes - in Resource Management Plan (RMP, combined DP & Coastal Management).	website.  Coastal Hazards Youth Survey as part of Coastal Hazards Community Engagement
New Plymouth District Council	Published documents; website	Roadmap to Low Emissions Future (Mitigation)  Zero Waste Initiatives  Electric Fleet – Rubbish Collection  Water Infrastructure Improvements  Active Transport  Monitoring carbon emissions	2017+	Embedded into following expenditures:  Waste  Stormwater  Mixed sources:  Rates  Fees & Charges  Subsidies & Grants	Yes – LTP:  Drinking water  Stormwater  Wastewater  Yes – In Strategic Direction of Proposed District Plan and throughout.  Identified adaptive pathways	

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					planning approach to manage coastal risks	
Rotorua Lakes Council	Staff Outreach; published documents; website	Sustainable Living Strategy  [10+ Sustainability Initiatives with indicators]  Emissions Inventory / Energy	2016 → Rotorua 2030  Ongoing	Strategy Work Budget  BAU – Infrastructure Services	Yes – LTP – Stormwater & Land Drainage Activity Risk & Infrastructure Strategy	Permanent environmentally friendly e-waste collection facility (MfE grant)
Ruapehu District Council	Staff Outreach	Regional Risk Assessment & Plan	Ongoing	Yet to figure out budget structure and ownership	Yes - Aligned, cohesive regional approach integrated into IS, AMPs, LTPs	
South Taranaki District Council	Published documents; website	2018-2028  LTP Integration  Unable to determine additional initiatives	2018-2028	Embedded into existing expenditures:  Roading and Footpaths	Yes - LTP- Infrastructure Strategy / Stormwater Services	



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				\$180.2m Stormwater \$13.9m Coastal Structures \$4.4m Environmental Sustainability \$11.5m Mixed sources: Public - General Rates / Targeted Rates (lesser extent) Private – Fees & Charges + General Rates	(Reticulation & Improvements) Rooding Services Coastal Structures Environmental Sustainability Section: Policy & Planning	
	Staff Outreach	Emissions Inventory & Emissions Reduction	Ongoing	FTE / no significant	South Wairarapa –	GWRC Emissions Inventory District-Wide

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South Wairarapa / Carterton District Council		Strategy  Procurement Process Integration		additional budget	Yes in LTP – Resource Management Activity, Financial Assumption in Forecasting Section, Infrastructure Strategy  Carterton – Yes in LTP – Community Outcomes, Infrastructure Strategy, AMPs	South Wairarapa – Coastal Erosion Policy in regards to Rating Information Database
Tasman District Council	Published documents; website	Adaptive Pathways / Coastal Hazards Strategy  Tasman Climate Action Plan 2019  Sustainable Living Aotearoa	Identified as long-term, ongoing process	Embedded into Flood Protection and River Control, Water Supply, Transportation, Wastewater & Stormwater Activities.  Embedded into Environmental	Yes – LTP: Key Issues / Planned Services and Projects  Environment and Planning section  Engineering	Have additional General Disaster Fund  Have a Regional River Works Rate  Action Step in Climate Action Plan: Long Term Plan 2021 - 2031 incorporates 'Emergency funds' that anticipate

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				<p>Management Activities (Strategy Development).</p> <p>Predominantly General Rates, with Targeted Rates for Flood Protection / River Control</p>	<p>section</p> <p>Community Development section</p>	<p>repair/replacement/relocation costs that factor in climate change risks ("build back better").</p>
Thames-Coromandel District Council	Published documents; website	<p>Coastal Management Strategy</p> <p>Coastal Hazards Policy</p>	2018	\$2.6 million over three years specific to coastal hazards strategy implementation	Yes – Identified activity in LTP	Includes development of Shoreline Management Plans (similar to AMPS)
Waitaki District Council	Published documents; website	<p>GHG Emissions Inventory &amp; Reporting</p> <p>(baseline for upcoming reduction strategy)</p>	2018/2019	Expenditure embedded into Roding, Water, Wastewater, Stormwater Activities. Funded priorities include	Yes – LTP – Throughout, core outcomes, assumptions, Infrastructure Strategy, 3Waters Activities,	<p>Engaging with community on climate change mitigation and District Plan review via Waitaki Link (online news bulletin)</p> <p>Under Environment Canterbury jurisdiction.</p>

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				AMP updates & Business Continuity Plans	Recreation Activity, etc.  Yes - District Plan Review Engagement Report – Stronger emphasis on mitigation & adaptation	
Whakatāne District Council	Published documents; website	Proposed- Climate Change Principles (w/community feedback)  Climate change webpage  Climate change survey  Development Strategy w/ SLR and flood levels  CEMARS certified  Energy audit of all Council sites	2019 / Ongoing (all recent)	Unable to determine	Key strategic issue in LTP  Key assumption and risk in Infrastructure Strategy	Regular Elected Member Updates

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Whanganui District Council	Published documents; website	Climate Change Discussion Paper  Draft Resilient Whanganui 2050: Climate Change Strategy	2018	Unable to determine	Yes – Identified in LTP and in Discussion Paper	Language from Elected Members:  “That a Climate Change Outcomes Strategy be developed and costed which identifies actions that Council could take to demonstrate its commitment to addressing climate change – a lead by example approach”
Whangarei District Council	Published documents; website; staff meetings & discussions	Climate Crisis adopted statement  Corporate Sustainability Strategy  Climate Adaptation Te Taitokerau Member  Emissions Inventory	2019, Ongoing   2018-2027  Ongoing	Unable to determine	Yes – LTP-Community Outcome & Core Policy/Planning Issue, Transportation Activity, Infrastructure Strategy	