

Attachment D: Current State of Council's Climate Change Mitigation and Adaptation Actions

Department/Business Unit	Mitigation or Adaptation	What are they doing about climate change – key controls?	Implemented or in development?	Update of progress
Chief Sustainability Office (part of the Chief Planning Office)	Mitigation & Adaptation	Auckland Climate Action Plan (ACAP)	In development	A draft ACAP plan will go to the Environment and Community Committee on 11 June 2019 for approval as a consultation document in advance of public consultation in July/August. The final plan is anticipated to return to that committee on 10 September 2019, with a final plan expected in late 2019.
Chief Planning Office	Mitigation & Adaptation	Auckland Plan Unitary Plan Regional Policy Statements Infrastructure Strategy	Implemented	Auckland Plan and Unitary Plans adopted in 2018. These plans include the regional policy statements, infrastructure and development strategies which incorporate provisions for climate change impacts. Everyone exercising powers and functions under the RMA are required to have regard to the effects of climate change.
Community Services	Adaptation	Strategic Asset Management Plans (SAMP) Measuring Asset Performance (MAP)	In development	SAMP is being developed and aligns with the infrastructure strategy in the LTP. It also picks up seven or eight key strategic action plans council has adopted over the last eight years, which set service imperatives e.g., Parks & Open Spaces Strategic Action Plan, Sport & Recreation Strategic Action Plan, Auckland Growing Greener, I Am Auckland, Toi Whitiiki etc. Key strategic report will be shared with elected members in September 2019 and final draft expected following that.
Community Facilities	Adaptation	Landslide remediation fund	In development	Community Facilities has instigated a CAPEX fund of \$2 million per year to undertake proactive work on unstable land to mitigate against further deterioration where high-value assets need to be protected.
		Spatial dimension community asset risk profiling (flooding)	In development	Research into how to embed spatial dimension in asset risk profiling, particularly flooding as a type of asset risk for community buildings. The study can be further refined by detailed hydrological datasets, such as flood depths by rainfall frequency, flood peak rate for storm water run-off, historical records of flooded buildings and building floor level. The results of the analysis may potentially support future decisions on asset planning, appropriate building design, construction methods, materials used and deployment of flood defence devices.
	Mitigation & Adaptation	Waste minimisation and recycling Energy efficiency Electricity, Gas & Water	Implemented	Community Facilities has taken responsibility for operational sustainability actions and managing Council's utility contracts. Emission reduction plan with internal targets for our asset portfolio. Completed plan for water, waste, travel energy efficiency to meet EECA partnership agreement

				<p>Zero Waste initiatives to achieve Council's plan of zero waste to landfill by 2040.</p> <p>E-bikes in fleet system</p> <p>SMART procurement principles embedded in full facilities contracts.</p> <p>Electricity spend dropped \$1m per year in 2017/18 to previous year's consumption.</p>
Auckland Emergency Management	Adaptation	Natural Hazards Risk Management Action Plan	In development	The plan describes the 10 natural hazards and risks of these to the Auckland region. The plan is grouped into eight key functions and sets out actions council seeks to implement over the next 10-years. The plan has been reported to the Coordinating Executive Group (CEG) on 6 May 2019 and reporting will be prepared for the CEG and CDEM Group in July 2019, with a final plan expected to be approved in August 2019.
		Civil Defence and Emergency Management Plan	Implemented	The plan is a statutory requirement under the Civil Defence Emergency Management Act 2002. The aim of the plan is to provide for coordinated and integrated approach to the way significant risks and hazards in Auckland are managed.
Regulatory Services	Mitigation & Adaptation	Resource Management Act Building Act Land Information Memorandum (LIM)	Implemented	Building and resource consenting teams have a good understanding of provisions outlined in the Building Act, the RMA and the LIM process, including those linked to climate change impacts.
Infrastructure & Environmental Services	Adaptation	Natural Hazards Research Plan	In development	The plan includes land instability research to identify at-risk areas. This includes the creation of a spatial landslide inventory, landslide susceptibility modelling, identification of areas of uncontrolled fill, and the development of databases of geotechnical reports and bore data.
		Coastal Management Framework 2017 New Zealand Coastal Policy Statement 2010	Implemented	Framework approved in July 2017 and informed by NZ Coastal Policy Statement
		Coastal Compartment Management Plans	In development	Will be consistent with NZ Coastal Policy Statement and aligned with national best practice. CCMP will look at the full risk and vulnerability assessment (sea level rise and economic, social, culture impacts etc). Tonkin & Taylor are consultants on the project. Ambitious timeframes for significant work program. May need to look at adjusting timeframes for delivery.
		Water Strategy (50-100-year outlook)	In development	A series of three hui have been held with mana whenua, mataawka and elected members in March 2019. <i>Our Water Future</i> was out for public consultation till 19 April 2019. The water strategy will direct how council will: <ul style="list-style-type: none"> take care of our natural water bodies

				<ul style="list-style-type: none"> meet daily needs as our population grows look after our waters whilst managing growth and development prepare for the impacts of climate change.
		RC3: Resilient Communities, Catchments and Coastlines	In development	RC3 is a cross-council program that aims to address the effects of natural hazards (such as flooding, overland flow, drought, coastal inundation and erosion) in an integrated way. The intention is for Healthy Waters, Engineering & Technical Services and Auckland Emergency Management to work collaboratively to deliver and support a more sustainable and resilient Auckland.
		Healthy Waters Floodplain Assessments	Implemented	All floodplain assessments carried out since the formation of Auckland Council include an allowance for climate change. The published floodplains relay the flood risk our community is faced with now and into the future such that appropriate long-term development decisions can be made.
		Regional Pest Management Plan	Implemented	The plan was adopted by council on 12 March 2019 and sets the priorities and goals for managing animal and plant pests in Auckland. Climate change is expected to exacerbate invasive species problems in several ways and this plan outlines how biosecurity will take a precautionary approach to species expected to be advantaged in the region as a result of climate change.
	Mitigation	Live Lightly	Implemented	Promoting and educating actions individuals can take to materially reduce their CO2 emissions. Developed <i>Future Fit</i> , carbon footprint tool for individuals to determine self-responsibility and actions to reduce carbon emissions.
		Waste Management & Minimisation Plan	Implemented	The vision of this strategy is to be Zero Waste by 2040. There are three targets to reduce: <ul style="list-style-type: none"> all waste in the Auckland region (reduce by 30 percent by 2027) domestic waste collected by council-contracted services (reduce by 30 percent by 2021) the waste we generate in our own, council, operations (reduce office waste by 60% per capita by 2024).
		Sustainability Initiatives	Implemented	Sustainable schools - fostering youth kaitiakitanga and sustainability outcomes through student-led action.