

Climate & Biodiversity Plan- Portfolio Progress Report

		ACTIONS BY YEAR			BUDGET TRACKER		PROJECT STRUCTURE		QUARTERLY UPDATES
		YEAR 1 2022	YEAR 2 2023	YEAR 3 2024	CBP DELIVERY BUDGET REFORECAST	DIA BETTER OFF FUNDING 2022-23	DEPARTMENT RESPONSIBLE	PROJECT STATUS	Q2+Q3
ID	ACTION DESCRIPTION	62	67	56	\$ 928,726.80	\$ 2,090,000.00			
	QLDC DEMONSTRATES AMBITIOUS CLIMATE AND BIODIVERSITY LEADERSHIP	24	24	18	\$ 634,395.00	\$ 745,000.00			
1.1a	The district will join the United Nations Framework Convention on Climate Change Race to Zero campaign to accelerate the district-wide focus on emissions reduction.	y			\$ -	\$ -	Resilience & Climate Action	In Progress	Application to join UNFCC Race to Zero has been submitted and correspondence shared with the ICLEI Oceania organising committee based out of Melbourne. Next step is to register with an international climate disclosure reporting platform that will be used to track and monitor progress.
1.1b	Council will join a certified carbon reduction programme which includes 2030 emissions reduction targets.	y	y	y	\$ 65,000.00	\$ -	Resilience & Climate Action	In Progress	Procurement has been completed with Toitū Enviromark being the successful applicant. Service Contract has been signed for QLDC to join their “Carbon Reduce” certification programme. Preparations for the verification audit are underway with audit scheduled for Q4.
1.1c	The District Emissions Reduction Roadmap will be updated to align with the National Emissions Reduction Plan and latest sector transition strategies.	y			\$ 50,000.00	\$ -	Resilience & Climate Action	Not Started	This action will be initiated in Q3/Q4. We are collaborating with Otago Regional Council on regional emissions projects modelling (due in April) and a sequestration study (planned to commence this financial year). We are awaiting more clarity on the data these will provide before committing to updating the QLD 2020 emissions roadmap.
1.1d	Council will partner with local organisations that are leading climate action and sector transformation e.g. Wao, WAI Wānaka, Wastebusters, Sustainable Queenstown, Destination Queenstown, Lake Wānaka Tourism.	y	y	y	\$ 20,000.00	\$ -	Resilience & Climate Action	In Progress	There has been a significant level of engagement with partner organisations to review the alignment and potential integration of work programmes and projects. Common themes of discussion include partnered delivery opportunities for CBP actions, operational funding opportunities, shared resourcing opportunities, joint promotion opportunities how to achieve greater scale of network collaboration.
1.2	Ensure climate change and biodiversity considerations are integral to all new Council business cases. a. Conduct an independent review on how effectively climate adaptation, mitigation and biodiversity are considered in business cases and construction programmes across all Council departments. Provide recommendations on how to improve our business case processes to align with our climate and biodiversity goals. b. Consider the recommendations and improve the business case process where necessary.	y	y		\$ 145,000.00	\$ -	Resilience & Climate Action	In Progress	These projects are part of a programme to embed climate and biodiversity into decision-making, which includes actions 1.2, 1.3, 1.5, 1.11 and 1.15c. Procurement is underway to deliver: 1) a review of how climate adaptation, mitigation and biodiversity are currently considered in QLDC’s decision-making processes, 2) a set of tools for assessing the adaptation, mitigation and biodiversity impact of initiatives in our 2024-34 Ten Year Plan, 3) guidance for officers and solutions for integrating solutions into other Council processes e.g. Council reports, procurement, business cases and policy development, and 4) and implementation plan and training. A cross-organisational working group is in place to co-design output with the consultant and ensure the tools meet the needs of QLDC.
1.3	Develop new frameworks, guidance and reporting templates to ensure that climate change and biodiversity considerations are embedded into all Council reports and decision-making processes.	y	y		see 1.2	\$ -	Resilience & Climate Action	In Progress	See update for action 1.2
1.4	Establish an internal Climate Action Group with the purpose of supporting significant organisational culture change. Design and deliver a work programme for the group to lead. Example projects include: > Staff travel (e.g. encouraging public transport, walking or cycling). > Energy saving programmes (e.g. staff behaviour change campaign). > Awareness raising and campaigns (e.g. Plastic Free July). > Waste minimisation and circular economy (e.g. reusables). > Sustainable catering and purchasing (e.g. sustainable stationary). > Sustainable catering and purchasing (e.g. sustainable stationary). > Staff volunteering activities (e.g. tree planting).	y			\$ 5,000.00	\$ -	Resilience & Climate Action	In Progress	Terms of Reference is agreed and the group will be established in Q4.
1.5	Embed climate accounting into our long-term investment planning. a. Conduct a carbon baseline of the 2021-2031 Ten Year Plan.	y	y		\$ 160,000.00	\$ -	Resilience & Climate Action	In Progress	The project to create a “carbon baseline” of the last Ten Year Plan investment programme is underway. An internal review of the information requirements for the identified projects has been completed and the consultant is now progressing the embedded carbon calculations to establish the 2021-2031 LTP baseline. Final carbon baseline report is expected in April.
	b. Develop and agree an approach to carbon accounting across key statutory plans. Include guidance for assessing the relative climate impact of proposed initiatives in the 2023-2024 Annual Plan and 2024- 2034 Ten Year Plan.	y	y		see 1.2	\$ -	Resilience & Climate Action	In Progress	See update for action 1.2
1.6	Regularly review the Procurement Guidelines to ensure they align with best practice public sector requirements for sustainability, carbon emissions reduction, waste reduction, biodiversity restoration and environmental protection. Focus areas will include: > Minimum supplier requirements for climate impact, biodiversity protection and waste avoidance/mitigation. > Proposal/tender assessment criteria for climate impact, biodiversity protection and waste avoidance/mitigation.	y	y	y	\$ -	\$ -	Procurement	Not Started	We are exploring opportunities to progress this action as part of the development of the new Procurement Strategy. Key progress was made in 2022 to include a section on Climate & Biodiversity Actions considerations (pg. 23) in the QLDC Procurement Guidelines 1.0.
1.7	Develop a QLDC internship pathway for students to support their career progression into the field of sustainability, biodiversity, or climate action.	y	y		\$ -	\$ -	Resilience & Climate Action	In Progress	Scoping discussions have been conducted with local partner organisations who are also interested in establishing career pathways and work experience for students. Next steps are to develop a proposal and launch plan for an internship pathway for summer 2023/24

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1.8	Deliver integrated spatial planning decisions on land use, urban development, transport planning and natural corridor networks which help to reduce emissions, restore indigenous biodiversity, and improve climate change resilience across the district. The below is a focus of the joint priority initiatives:	y	y	y	\$ -	\$ 745,000.00	Strategic Growth	In Progress	Progress on this action is being reported through the Spatial Plan Work Programme
1.9	Assess potential obstacles to low impact living in QLDC's District Plan, Housing Strategy and policy framework. Utilise this assessment to inform and support households to reduce their emissions and improve their climate resilience.	y	y		\$ 35,000.00	\$ -	Planning Policy	In Progress	Project initiation complete and survey on 'low impact living' drafted. Survey results will be used to guide a high-level review of the District Plan
1.10	Embed climate mitigation and adaptation, waste minimisation and indigenous biodiversity protection into the Planning and Development Policy work programme.	y	y	y	\$ -	\$ -	Planning Policy	In Progress	Section 32 report template updated to include climate mitigation, adaptation, waste minimisation and biodiversity considerations in the Planning & Development Policy work programme.
1.11	Develop and implement a standard method of assessment of climate and biodiversity impacts and opportunities in the review of policies and bylaws.	y	y		\$ -	\$ -	Policy	Not Started	Progress on this action will commence once the outputs of action 1.2 are delivered.
1.12	Partner with Otago Regional Council on a programme of climate change risk assessments, adaptation plans and natural hazard risk assessment studies to support community resilience projects and the implementation of a risk-based land use planning framework.		y	y	\$ -	\$ -	Strategy & Policy, Planning Policy	In Progress	QLDC is working closely with the ORC Natural Hazard team on a broad programme of hazard and risk management investigations. Scoping for risk assessments for Glenorchy Head of the lake project and the next iteration of the Otago Climate Change Risk Assessment and adaptation plan is in progress.
1.13	Continue to integrate climate mitigation, adaptation, and biodiversity protection requirements into any future update of the QLDC Land Development and Subdivision Code of Practice. Include a review of: a. the Approved Materials, with a view to encouraging developers to use lower carbon construction materials and shift to circular economy options. b. requirements relating to managing the effects of climate change to ensure they reflect current climate change projections. c. ensure requirements are consistent with the ANZBS3 and current Implementation Plan.		y	y	\$ -	\$ -	Property & Infrastructure	In Progress	Year 2 action
1.14	Develop an Emissions Reduction Plan for QLDC operations. Establish the scope of the plan with the boundaries outlined in QLDC's 18/19 Carbon Footprint Report. Align targets with limiting global warming to 1.5 degrees.	y			\$ 20,000.00	\$ -	Strategy & Policy	In Progress	Project initiation underway for Emissions Reduction Planning.
1.14 a	Organisational GHG emissions measurement and reporting (FY 2019-20, 2020-21, 2021-22)	y	y	y	\$ 20,000.00	\$ -	Strategy & Policy	In Progress	Organisational GHG emission inventory complete for FY 2019-2020 and 2020-2021. Work commenced on GHG emissions measurements for FY 2021-2022.
1.15ab	Integrate climate action into all levels of infrastructure delivery from planning through to completion of the projects. This will include: a. The Climate Action Team being a key partner in the development of the next 30 Year Infrastructure Strategy (which is aligned with the national infrastructure strategy). b. Embedding a Dynamic Adaptive Planning Pathways approach to infrastructure investment and renewal planning.	y	y	y	\$ -	\$ -	Property & Infrastructure	In Progress	Planning for the 30 Year Infrastructure Strategy development is in progress. Regional Climate Change Adaptation workshop conducted in which information on Dynamic Adaptive Planning Pathways was shared and discussed. The implementation models for the South Dunedin Future programme are being reviewed.
1.15c	Integrate climate action into all levels of infrastructure delivery from planning through to completion of the projects. This will include: c. Requiring projects with moderate or high climate impact to value and assess the relative 'whole of life' emissions impact of shortlisted options, include sustainability in design, emissions-related tolerances for construction and ongoing operation of assets/services.	y	y	y	see 1.2	\$ -	Property & Infrastructure	In Progress	See update for action 1.2
1.16	Convert the water heating at Alpine Aqualand, Wānaka Recreation Centre and Arrowtown Pools from LPG to cleaner energy sources.			y	\$ -	\$ -	Sport & Recreation	Not Started	Year 3 action. Note: Funding for the Alpine Aqualand water heating conversion project is budgeted for 2026 in LTP. Opportunities to reprioritise this are being investigated.
1.17	Manage all Council properties with a commitment to emissions reduction and sustainability: a. Develop a sustainability policy to require all QLDC commercial and community properties to develop and deliver waste minimisation, energy efficiency and water efficiency plans. b. Require commercial operators entering new leases on QLDC property to provide emissions reduction and waste minimisation plans.		y	y	\$ -	\$ -	Property	Not Started	Year 2 action

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1.18	Deliver the actions in the QLDC Organisational Travel Plan. Review and update the plan annually or more frequently as required.	y	y	y	\$ 15,000.00	\$ -	HR	In Progress	A commuter survey was carried out in December 2022. The Travel Plan is being updated in Q3 with new projects and initiatives to support overall strategic objectives. Key achievements in Q2 include re-launch of the staff E-Bike Scheme and implementation of the Guaranteed Ride Home Programme.
1.19	Apply eco-design and low impact principles to all QLDC build and refurbishment property projects, including thorough consideration of timber and sustainable construction methods and renewable energy technology.	y	y	y	Property budgets	\$ -	Property	In Progress	-Whare Mahana Luggate Memorial Centre opened in December 2022 and is the first community facility in New Zealand to be built to Passive House standards. -Sustainable design principles are being considered for Project Manawa and work is progressing on options for the Council office (Project Connect) -QEC foyer lighting replaced with energy efficient lighting -Refurbishment of the former Wānaka Mitre 10 building as a sports and community facility needed to balance budget constraints with sustainable design
1.20	Communicate and engage with the public on the climate impacts we can expect in the district and the actions required to mitigate, adapt, and build resilience. Activities may include community workshops and displays about climate science, climate action, impacts on indigenous biodiversity, waste minimisation and the circular economy. Share and celebrate positive action and case studies across the district, promoting the good work of community groups, businesses, and others.	y	y	y	\$ 20,000.00	\$ -	Resilience & Climate Action	In Progress	Community communications around climate change and emissions awareness have been conducted at WAO summit and Summerdaze programmes. Planning for activation at Wanaka A&P show is underway. Launch of new website (action #1.22) will provide opportunity to showcase these local stories and case studies.
1.21	Design and deliver campaigns for the public that encourage emissions reduction, underpinned by behaviour change science. Use campaigns to inform and educate, enabling behaviour change through design (e.g., wayfinding on active travel routes) and incentives/disincentives. This may include active travel, waste minimisation, and recycling. Encourage others to share our campaign materials.	y	y	y	\$ 30,000.00	\$ -	Strategy & Policy	In Progress	A wide range of waste minimisation and active travel promotion campaigns are in progress. Activation spaces to discuss climate and biodiversity action progress have been run for WAO sustainability summit and are planned for upcoming Wanaka A&P show. Opportunities for partnered delivery of education and behavioural change campaigns are also being explored with local organisations.
1.22	Develop a new website to improve our ability to communicate the progress of our Climate & Biodiversity action plan, celebrate the successes that are occurring across the district and share resources to support and accelerate change.	y	y		\$ 49,395.00	\$ -	Comms	In progress	Procurement for new website project has completed and project is in progress. Sitemaps and wireframe designs have been completed and detailed design work is now underway. Estimated launch date is for late April-23.
1.23	Divert organic material from landfill. This includes: Food scraps, Garden waste, Timber (construction waste), Fats, oils and grease (trade waste), Cardboard and paper, Biosolids.			y	Waste team budget	\$ -	Waste	In Progress	Detailed Business Case underway for food and garden waste. Biosolids solution to be considered by the 3W reform entity.
1.24	Increase funding for the Waste Minimisation Community Fund and continue to support local waste minimisation projects.		y	y	\$ -	\$ -	Waste	Not Started	To be considered through LTP 24-34 process.

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		9	9	9	\$ 40,000.00	\$ 645,000.00				
2.1	Collaborate with Otago Regional Council and Waka Kotahi New Zealand Transport Agency to plan and implement a local public transport system that is frequent, affordable, and meets the needs of local communities, comprising: a. Advocate for increased public transport frequency, coverage, and facilities in Whakatipu as part of Otago Regional Council's Public Transport Business Case (2022). b. Require only zero-emissions public transport buses to be purchased by 2025 (National ERP7 action 10.3.2). c. Promote public transport in QLDC master planning and business cases, including the Wānaka Network Optimisation Business Case (2022-23). d. Work with Waka Kotahi and Otago Regional Council to improve public transport infrastructure and services in the Whakatipu. This includes adding and upgrading bus shelters, improving Frankton transport hub, upgrading lighting and cycle facilities, and improving bus frequency and accessibility (2021-2027). f. Identify and advocate for public transport connections within our wider region (2024 – 2027).	y	y	y	NZUP	\$ -	Transport Strategy	In Progress	<p>ORC Business Case underway with collaborative input from partners.</p> <p>A. ORC have increased bus driver salaries and targeted recruitment campaigns to ensure bus services meet current service level. QLDC continue to advocate for the importance of this and are driving for increased public transport in the district.</p> <p>B. Mandated by government</p> <p>C. QLDC is a key partner in the ORC Public Transport Business Case. Wānaka Network Optimisation Business Case is going to market early 2023 which will explore public transport options.</p> <p>D. QLDC have installed 9/12 shelters which provides a higher level of service by providing shelters, bike racks and lighting. In addition we are providing a practice static bus bike rack for people to trial loading their bike.</p>	
2.1e	Support local organisations to run public transport trials in the Upper Clutha (2022 – 2027).	y			\$ 40,000.00	\$ -	Resilience & Climate Action	In Progress	<p>Funding support has been approved for an extended trial of the Link Upper Clutha Wanaka community shuttle trial. Planning for the funding structure and service design is currently in progress</p>	
2.2	Increase investment in active travel networks and infrastructure, including improved access to public transport hubs, schools, and other popular destinations across the district.	y	y	y	P&I Budgets	\$ -	Transport Strategy	In Progress	<p>Various projects are in progress e.g. Anderson Road cycle path, Wānaka Pool to Schools project is progressing and implementation has commenced.</p> <p>Funding allocated from Transport Choices (CEFF) for Arthur's Point to Queenstown active travel and project investigations underway.</p> <p>Active travel counter installed in Frankton to encourage active travel in the district.</p>	
2.3	Provide accessible cycle and secure cycle and micro-mobility parking in town centres.	y	y	y	P&I Budgets	\$ -	Transport Strategy	In Progress	<p>Beech street upgrades has installed bike racks.</p>	
2.4	Identify, prioritise, and improve road crossings for pedestrians, particularly in areas of high exposure to traffic, long waits at signals or significant distances between controlled crossing points.	y	y	y	P&I Budgets	\$ -	Transport Strategy, Operations & Maintenance	In Progress	<p>Several intersections across the district will have improved pedestrian safety and contracts signed for construction to begin in 2023. Hawthorne Drive/Red Oaks intersection will be signalised with raised safety platforms. There will be two pedestrian signal crossings in Wānaka at Ballantyne Road and Aubrey Road. QLDC are currently developing programmes to develop pedestrian safety through long term planning.</p>	
2.5	a) Develop a plan to expand electric vehicle (EV) charging infrastructure in the district. b) Incentivise electric vehicle uptake (e.g. dedicated parking) through the District-wide Parking Strategy and Comprehensive Management Plans.	y	y		\$ -	\$ -	Transport Strategy	In Progress	<p>QLDC has worked with Meridian to support the installation of the following additional EV chargers across the district</p> <p>Boundary Street Parking: 4 chargers Queenstown Event Centre: 8 Chargers Arrowtown: 4 chargers Wanaka: 4 chargers</p>	
2.6	QLDC expects the Queenstown Airport Corporation to action the following as defined by QAC Statement of Intent: a. Develop an emissions reduction plan to reduce its organisational greenhouse gas emissions in line with a 1.5°C science-based target (2022-23). b. Implement the emissions reduction plan and report on progress annually. c. Advocate to government for sustainable aviation emissions reduction strategies. d. Work collaboratively with the aero industry and airlines to maximise the opportunity to reduce the carbon footprint associated with flying into and out of the district.	y	y	y	\$ -	\$ -	Corporate Services	In Progress	<p>Update Statement from QAC:</p> <p>a) QAC has developed an emissions reduction plan with a the 2030 target set in accordance with the UNEP recommendations to reduce absolute emissions by 7.6% annually, aligned with a 1.5°C climate warming pathway. This is a more ambitious target than that promoted by the Science Based Target Initiative which, on average, seeks annual reductions of 4.2%. We also have a target of achieving net-zero by 2040 which is ahead of the QLDC target of net-zero by 2050.</p> <p>b) QAC has begun implementing the emission reduction plan, launching the following actions:</p> <ul style="list-style-type: none"> • Announcement of our single use cup free commitment for 2023 • Commitment to purchase renewable energy certificates to support clean energy production in Aotearoa • We committed to using only grid supplied energy in the 2022 winter. In previous years we have used our generators to assist with load shedding on the grid network • Launched our own biodiversity and restoration project in partnership with the Whakatipu Reforestation Trust and Shotover Primary School, to enhance biodiversity and increase local carbon sequestration • We undertook maintenance on our boiler which increased operational efficiency and therefore decreased diesel consumption and emissions <p>c). QAC is an active member of NZ Airports Association (NZAA) and the company's CEO sits on its board of directors. The airport is also represented on the NZAA sustainability working group which is the key collective</p>	

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2.7	Reduce car use and encourage uptake of other transport options through the 'Traffic Demand Management' initiative. This will include: a. Behaviour change initiatives. b. Comprehensive Parking Management Plans. c. Promoting cycle and micro-mobility parking. d. Review of the car-pooling scheme, including providing priority parking and priority lanes.	y	y	y	\$ -	\$ 645,000.00	Transport Strategy	In Progress	a. Travel demand management business case to go to market early 2023. Better off funding received from central government to enable implementation of the business case. B. Parking Management Plan to go to market February 2023. c. Refer to 2.3 d. Carpool permit scheme relaunched Dec 2022 and will be reviewed as part of the travel demand management business case.
2.8	a. Partner with local organisations to promote active travel and public transport. b. Implement active transport plans around schools (National ERP8 action 10.12E). c. Support local organisations, businesses, and communities to develop their own low emission travel plans.	y	y	y	\$ -	\$ -	Transport Strategy	In Progress	a. QLDC funding phase 2 shuttle trial with link Upper Clutha. b. Introduction of lower school speed zones to encourage active travel. c. QLDC supports road safety education programmes in schools and elderly ebike training.
2.9	Partner with businesses to deliver active travel and shared transport solutions and innovations, such as community bike or car-share schemes.		y	y	\$ -	\$ -	Transport Strategy	In Progress	Approval from full council to enter into MOU with BEAM. Outcomes from Travel Demand Management business case to provide likely innovations and shared transport solutions.
2.10	Partner with the Government to deliver a light vehicle usage reduction programme in Queenstown (contingent on Central Government funding of National ERP action 10.1.2A).			y	\$ -	\$ -	Transport Strategy	Not Started	Vehicle Kilometres Travelled targets received from Ministry of Transport.

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OUR BUILT ENVIRONMENT IS LOW-EMISSION AND RESILIENT		6	10	6	\$ 48,000.00	\$ -				
3.1	Minimise the embodied carbon (carbon emitted in the production of the materials such as concrete and steel) in the design and construction of QLDC buildings and infrastructure. Transition towards more sustainable materials and construction techniques. Particularly: a. Investigate using reduced carbon cement for all QLDC property and infrastructure projects. b. Investigate whether regional demand could influence suppliers to provide lower carbon cement options, and work with the industry to enable these opportunities. c. Prioritise nature-based solutions in design and decision-making over solutions that do not enhance nature.		y	y	\$ -	\$ -	Property & Infrastructure	Not Started		Year 2 action
3.2	Review the Energy Chapter of the District Plan to remove barriers to small scale and community scale renewable energy solutions.		y	y	\$ -	\$ -	Planning Policy	Not Started		Year 2 action
3.3	Support energy demand management technologies, tools and behaviour change to decrease energy usage at peak times.	y	y	y	\$ 20,000.00	\$ -	Strategy & Policy	Not Started		Opportunities for partnered delivery of energy reduction toolkits and behaviour change campaigns are being explored but not yet formalised into a project.
3.4	Increase the promotion and availability of sustainable building design expertise and education products to the community. This will include: a. Partnering with the NZ Green Building Council and Superhome movement to enable improved access to design expertise, technologies, and best practice techniques, to minimise waste and emissions in the design of new homes. b. Developing guides which go beyond the building code and promote sustainable and resilient housing and buildings. c. Public education about the upcoming changes to the Building Code and the introduction of the new MBIE Building for Climate Change regulations.	y	y	y	\$ 28,000.00	\$ -	Planning & Development	In Progress		a) QLDC has joined NZ Green Building Council and made enquiries with the Superhome Movement b) Procurement process is underway to engage a sustainable building design expert to review the 2007 Sustainable Building Guide. Investigations are also underway for Healthy Homes Toolkits.
3.5	Continuously measure and improve wastewater treatment emissions.	y	y	y	P&I Budgets	\$ -	Infrastructure Operations	In Progress		Flow volumes of WWTPs provided for carbon emissions measurement
3.6	Assess the vulnerability of our roading and three waters network to climate change impacts and use this evidence base to guide our infrastructure resilience programme.	y	y	y	P&I Budgets	\$ -	Strategy & Asset Planning	In Progress		Roading vulnerability assessments (e.g. slopecheck) are being progressed across the district. Conversations with Waka Kotahi regarding local roading resilience investment business cases have been initiated. New project lead for Regional Lifelines programme has been appointed.
3.7	Implement the National Adaptation Plan (NAP) critical actions for infrastructure that are relevant to our district.	y	y	y	\$ -	\$ -	Resilience & Climate Action	In Progress		Review of the critical and support actions within the NAP to support more climate resilient Infrastructure has been completed. Opportunities to support and connect with national and regional adaptation planning activity are being investigated.
3.8	Develop an adaptation framework with regional partners that specifically addresses future climate hazards and vulnerabilities.		y	y	\$ -	\$ -	Resilience & Climate Action	Not Started		Year 2 action
3.9	a. Deliver an updated Water Demand Management Plan. b. Invest in ways to encourage sustainable water use, such as smart water metering, to help conserve water, reduce water network emissions and reduce the pressure on wastewater and stormwater systems.	y	y		P&I Budgets	\$ -	Strategy & Asset Planning	In Progress		a. Water Demand Management Plan has been finalised b. Smart meters are now installed and operational in Luggate and Glenorchy. The data being captured will initially be used to raise awareness of water usage with the public. The data also helps QLDC identify leaks more efficiently. Public awareness and education campaigns will commence in Spring of 2023
3.1	Investigate options for incentivising the installation of residential rainwater collection tanks to help reduce the burden on stormwater networks and support water conservation.		y	y	\$ -	\$ -	Planning & Development	Not Started		Year 2 action
OUR COMMUNITIES ARE LOW-EMISSION AND CLIMATE RESILIENT		11	11	12	\$ 52,190.72	\$ -				
4.1	Identify any risks to the culturally significant Wāhi Tūpuna and heritage sites across the district arising from the effects of climate change.	y	y	y	Policy Planning Budgets	\$ -	Planning Policy	In Progress		Assessment of Wāhi Tūpuna sites undertaken in partnership with runaka. Opportunities for more detailed assessments to be investigated
4.2	Undertake a study of the socio-economic and community wellbeing implications of climate change for the district, to help support future planning around climate adaptation and an equitable transition for all members of our community.			y	\$ -	\$ -	Strategy & Policy	Not Started		Year 3 action
4.3	Promote community-led initiatives and energy sector partnerships to implement resilient, affordable, and sustainable energy solutions.		y	y	\$ -	\$ -	Strategy & Policy	Not Started		Year 2 action
4.4	Continue the development of a Community Response Group network across the district. Provide training, resources, planning support and promotion to ensure these groups have the necessary capability and capacity to support their local community during emergency events.	y	y	y	CDEM Budget	\$ -	Strategy & Policy	In progress		Development of the Community Response Group network across the district is progressing well. New groups have been established in Wanaka, Lakes Hayes/Shotover Country, Fernhill. Support is being provided to other groups to help with a reset and to leverage the expertise and knowledge held by other well-advanced groups. New VHF radio kits, community hub guides, community resilience guides are being deployed.
4.5	Build capacity, resourcing and relationship networks across the social services and health sector, to ensure that the welfare of our communities can be effectively supported during emergency events or periods of prolonged stress.	y	y	y	\$ -	\$ -	Community Partnerships	In Progress		Relationship building with the local health and social service sector is continuing. Meetings with new public health team members have been conducted. Discussions and support around business continuity planning for medical centres is continuing.

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		YEAR 1 2022	YEAR 2 2023	YEAR 3 2024	CBP DELIVERY BUDGET REFORECAST	DIA BETTER OFF FUNDING 2022-23	DEPARTMENT RESPONSIBLE	PROJECT STATUS	Q2+Q3
ID	ACTION DESCRIPTION	62	67	56	\$ 928,726.80	\$ 2,090,000.00			
4.6	Support our communities to prepare for and adapt to the impacts of climate change through community-centric climate adaptation projects. Key locations will include: a. Wildfire risk on Mt Iron, Ben Lomond and other “red zone” locations.	y	y	y	Parks Budget	\$ -	Parks	In progress	A Wildfire Risk Assessment report for all Council reserves has been completed and a new Wildfire Working Group has been established. This group will help manage a broad programme of wildfire risk mitigation interventions including improved public information, recommended changes to red zone boundaries, vegetation management, and the pilot trial of wildfire detection sensor networks in critical risk locations.
	b. Gorge Road Alluvial Fan risk.	y	y	y	Policy Planning Budget	\$ -	Planning Policy	In progress	The latest progress updates for this project can be reviewed at: www.letstalk.qldc.govt.nz/brewery-creek-and-reavers-lane-natural-hazard-review
	c. Glenorchy Head of the Lake natural hazard risk (Otago Regional Council-led).	y	y	y	ORC Budget	\$ -	Resilience & Climate Action	In progress	The latest progress updates for this project can be reviewed at : www.orc.govt.nz/managing-our-environment/natural-hazards/head-of-lake-wakatipu
4.7	Launch a Queenstown Lakes Food Network that brings together community stakeholders to develop a shared vision of a resilient, low carbon and regenerative local food system.	y			\$ 27,190.72	\$ -	Resilience & Climate Action	In Progress	Procurement approvals for project completed with WAO being the delivery lead. Meetings with food system stakeholders across the district are being undertaken to assess the strengths and vulnerabilities of the local food system and evaluate the best options for launching a network/advocacy group model. Planning is also underway to organise a Food System Hui in April to co-design the network model and celebrate out local strengths through the launch of the QLDC Community Kai cookbook.
4.8	Develop a roadmap of initiatives and funding opportunities to accelerate and scale up community food system projects across the district. These could include: a. Community garden initiatives across all communities in the district. b. Supporting the Pataka Kai movement for community pantries. c. Increasing the commitment to urban edible planting. d. Mapping of fruit and nut foraging sites across the district. e. Supporting community education. f. Building the capacity of our food recovery and community food services network. g. Bringing trail building, conservation, and edible planting together where appropriate.	y	y	y	\$ 15,000.00	\$ -	Resilience & Climate Action	Not Started	The development of the food system roadmap will commence once the Local Food Network advisory group has been established (action 4.7). Preliminary work is underway to evaluate opportunities for new Council policies around community gardens and edible planting. Food education initiatives such as the QLDC Community Kai cookbook are also in progress.
4.9	Support composting, gardening skills, food growing hubs and the development of community composting.	y	y	y	Mfe Cofunding	\$ -	Waste	In Progress	Mfe Cofunding: Negotiations with community partners for the establishment of initial two hubs underway. WMMP: Ongoing subsidisation of home composting, workshops and events. Provision of community green waste sites - Kingston, Lake Hawea, Luggate, Makoroa, Glenorchy. Ongoing support for community initiatives e.g. harvest gardens.
4.10	Create a live schedule of all climate action and waste minimisation related community and QLDC projects underway in the district. Understand stage of development, barriers, opportunities and how QLDC can support. Develop clear criteria for assessment.	y			\$ 5,000.00	\$ -	Resilience & Climate Action	Not Started	Not yet started. Linked to Action 6.8
4.11	Invest in a Council Climate Action contestable fund to support innovative community and business projects that respond to climate change (refer to Action 6.8 for the Biodiversity contestable fund).		y	y	\$ -	\$ -	Strategy & Policy	Not Started	Year 2 action
4.12	Support and promote programmes that increase the engagement of young people and build their views into climate action planning.	y	y	y	\$ 5,000.00	\$ -	Strategy & Policy	In Progress	QLDC staff delivered workshops to students at the WAO Summit. QLDC provides ongoing support for EnviroSchools.

Climate & Biodiversity Plan- Portfolio Progress Report

		ACTIONS BY YEAR			BUDGET TRACKER		PROJECT STRUCTURE		QUARTERLY UPDATES
		YEAR 1 2022	YEAR 2 2023	YEAR 3 2024	CBP DELIVERY BUDGET REFORECAST	DIA BETTER OFF FUNDING 2022-23	DEPARTMENT RESPONSIBLE	PROJECT STATUS	Q2+Q3
ID	ACTION DESCRIPTION	62	67	56					
LOW-EMISSION BUSINESSES THRIVE		3	4	2					
5.1	Partner with the Regional Tourism Operators to create a Destination Management Plan to achieve regenerative tourism by 2030. The plan must take a whole of system approach and include: > Partnership with Kāi Tahu. > Emissions and waste reduction initiatives and measures across the visitor economy. > Capability building programmes for businesses, community, and the workforce. > A marketing model that attracts values-based visitors. > Visitor mode shift from private vehicles to public and active transport. > Tools to help visitors to give back e.g. to biodiversity enhancing initiatives. > Effective targets, data, and monitoring. > Strong community engagement.	Y	Y		EDU Budget	\$ -	Strategy & Policy	Complete	Action is now complete. Council endorsed the final version of the DMP on Thursday 10th February.
5.2	Implement the actions outlined in the Destination Management Plan.		Y	Y	\$ 50,000.00	\$ 125,000.00	Strategy & Policy	In Progress	Resourcing and funding to support the scoping of Project 9 - Carbon zero by 2030 has been agreed to. This scoping activity will involve collaborative investigation with stakeholders across the tourism sector to assess what the priorities and opportunities are for emissions reduction investment.
5.3	Develop a Diversification Plan that includes climate action as a key principle.	Y	Y		EDU Budget	\$ -	Economic Development	In Progress	Framework complete and being used to inform Diversification Plan. A range of workshops have been held with business leaders across a range of industries. Draft Plan to be complete March 2023, with aim of completion April 2023.
5.4	Amplify and support programmes to assist businesses to be energy efficient, reduce greenhouse gas emissions, waste, and water use.		Y	Y	\$ -	\$ 125,000.00	Strategy & Policy	Not Started	Year 2 action
5.5	Develop a sustainability plan template with guidelines for event organisers and embed this into the processes for QLDC's event approval and funding.	Y			\$ 24,600.00	\$ -	Strategy & Policy/Waste	In Progress	Event organiser survey released in December. Guideline and templates in preparation.
A FLOURISHING NATURAL ENVIRONMENT		9	9	6	\$ 79,541.08	\$ 450,000.00			
6.1	Collaborate with regional partners to undertake a review of the impact of climate change on indigenous ecosystems in the district.	Y	Y		\$ 16,968.25	\$ -	Resilience & Climate Action	In Progress	Options for conducting an assessment of biodiversity attributes across the district is in progress. If this progresses the study will support with evaluation of both climate change vulnerabilities and identification of opportunities to help optimise flora and fauna restoration.
6.2	Partner with Kāi Tahu, and work with our community, Otago Regional Council and Central Government to create an integrated work programme to deliver climate, biodiversity and wider environmental outcomes throughout our district. The work programme will align with the Pledge to Nature10, ANZBS11, the Otago Biodiversity Strategy and consider: > The Grow Well Whaiora Spatial Plan Priority Initiative 15 (develop open space network plans). > Balancing competing objectives around carbon sequestration, fire resilience and regeneration of indigenous terrestrial and freshwater ecosystems. > Strategic direction and/or recommendations from the 2020 Sequestration Study, Tree Policy, the Otago Ecosystems and Habitat Mapping, the Blue-Green Network and other relevant plans and strategies. > Prioritising nature-based solutions in policy, planning design and decision-making (NERP Action 4.1). > Eco-sourcing native plant species and increasing nursery capacity. > Predator and pest control. > Catchment rehabilitation initiatives. > Protecting ecosystems and species of national or regional significance e.g. alpine tussock land, and wetlands and braided river bird species. > Collaboration with conservation trusts to achieve landscape-scale outcomes.	Y	Y	Y	\$ 28,379.13	\$ 100,000.00	Resilience & Climate Action	In Progress	Review of QLDC's biodiversity commitments in reserve management plans, policies and work programmes complete. Ongoing engagement with community groups, ORC and other conservation organisations in the District to better understand the scope of biodiversity initiatives across the District.
6.3	Use the work programme to direct QLDC's planting and plant and animal pest control programmes and to inform the biodiversity and sequestration actions for the next Climate and Biodiversity Plan.	Y	Y		\$ -	\$ 50,000.00	Parks	Not Started	Not yet started. Will follow from Action 6.2.
6.4	Conduct a review of how Council can adopt more environmentally friendly methods of controlling pest plants to minimise and/or eliminate the use of agrichemicals such as glyphosate. This will involve trialling and monitoring new technologies and methods such as wilding, meadowing, alternative agrichemicals and weed control methods.	Y	Y		Parks Budget	\$ -	Parks	In Progress	Project scoping and literature review of best practices relevant to our District, underway.

Climate & Biodiversity Plan- Portfolio Progress Report

ID		ACTIONS BY YEAR		BUDGET TRACKER		PROJECT STRUCTURE		QUARTERLY UPDATES		
		YEAR 1 2022	YEAR 2 2023	YEAR 3 2024	CBP DELIVERY BUDGET REFORECAST	DIA BETTER OFF FUNDING 2022-23	DEPARTMENT RESPONSIBLE	PROJECT STATUS	Q2+Q3	
6.5	Integrate the protection, restoration and enhancement of blue-green networks and indigenous biodiversity corridors into stormwater management, infrastructure design and management of parks, reserves, and open spaces.	y	y	y	\$ -	\$ 300,000.00	Parks, Property & Infrastructure, Strategy & Policy	In Progress	Procurement for Open Space Network Plans to deliver Blue-Green Networks underway as part of Spatial Plan Work Programme. Signed contract for DIA Better Off Funding (BoF) returned to DIA and awaiting initial instalment to be released. Land Development and Subdivision Code of Practice reviewed to include changes to stormwater management to improve environmental outcomes, and consultation on proposed changes completed.	
6.6a	a. Regenerate Coronet Forest as an exemplar of native biodiversity and a recreational hub	y	y	y	Parks Budget	\$ -	Parks	In Progress	Request for Proposal for Coronet Forest Revegetation Planting Manager advertised via GETS in December, closing 24/2/23. Registration of Interest for Planting Contractor also advertised in December via GETS.	
6.6b	b. Develop and implement plans to protect, restore and enhance other Council land that has high biodiversity potential, including Mt Iron, Matakauri Wetland, Ben Lomond, and Queenstown Hill.	y	y	y	\$ 24,193.70	\$ -	Parks	In Progress	Better off Funding confirmed to develop and implement plans. Signed contract returned to DIA and awaiting initial instalment to be released so project plans can be commenced.	
6.7	Support capability building for staff, volunteers, and board members within local conservation trusts through initiatives such as governance training, conservation standards workshops, conference funding and knowledge sharing.	y	y	y	\$ 10,000.00	\$ -	Strategy & Policy	In Progress	Scoping of a region wide approach to build community capability and capacity underway	
6.8	Create a live schedule of all biodiversity related community and QLDC projects underway in the district. Understand stage of development, barriers, opportunities and how QLDC can support. Develop clear criteria for assessment.	y			See 4.10	\$ -	Strategy & Policy, Parks	In Progress	Not yet started. Will follow from Action 6.2	
6.9	Invest in a Council Biodiversity contestable fund to support innovative community and business projects that respond to biodiversity loss and restoration.		y	y	\$ -	\$ -	Strategy & Policy	Not Started	Year 2 action	

PROJECT STATUS COUNT

In Progress	54
Complete	1
Not Started- Year 1	7