

**Audit, Finance & Risk Committee**  
**14 October 2021**

**Report for Agenda Item | Rīpoata moto e Rāraki take : 5**

**Department: Corporate Services**

**Title | Taitara: Climate Action Plan Update**

**PURPOSE OF THE REPORT | TE TAKE MŌ TE PŪRONGO**

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The purpose of this report is to inform the Committee on Climate Action Plan (CAP) priorities and progress.

**RECOMMENDATION | NGĀ TŪTOHUNGA**

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That the Audit, Finance & Risk Committee:

1. **Note** the contents of this report.

Prepared by:



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28/09/2020

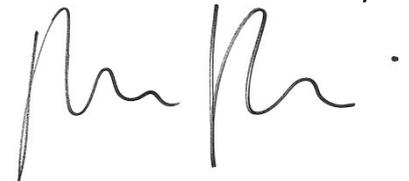
Prepared by



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28/09/2020

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1/10/2021

## CONTEXT | HOROPAKI

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- 1 In November 2019, the Government passed the Climate Change Response (Zero Carbon) Amendment Act. The purpose of the Act is to provide a framework in which New Zealand can develop and implement clear and stable climate change policies that contribute to the international effort to limit the global average temperature increase to 1.5°C above pre-industrial levels. The emissions reduction goal in the Climate Action Plan (CAP) is aligned to the Act.
- 2 On 27 June 2019, the same day as the draft version of the CAP was approved for public feedback, QLDC declared a climate and ecological emergency. Following public consultation and subsequent changes to the plan, the CAP was adopted by Council on 12 March 2020. It will help to guide local action as the district rises to and meets the challenges of the climate change emergency. QLDC has embarked on a journey of major organisational systems and behaviour shift.
- 3 The overarching goals for the CAP are:
  - To achieve net zero carbon emissions by 2050 across the whole district and;
  - to be resilient to the local impact of climate change across the whole district.
- 4 The CAP is intended to provide an overview of QLDC's actions over three years. It will be reviewed annually and will look forward across a three-year horizon. The CAP is structured according to five key outcomes, supported by 73 actions.

## ANALYSIS AND ADVICE | TATĀRITANGA ME NGĀ TOHUTOHU

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Climate Action Plan updates are summarised below and a full status update is attached.

### KEY AREAS OF PROGRESS

#### *Outcome One: The community looks to QLDC for leadership and action*

- 5 The Terms of Reference are being finalised for the internal Climate Action Group and individuals are being approached to form this first iteration of the group.
- 6 QLDC staff are currently working with ORC on a regional Emissions Reduction Roadmap. This will complement the work that has already been undertaken to develop an [Emissions Reduction Roadmap](#) for the Queenstown Lakes District.
- 7 The Draft Procurement Policy is progressing and includes the following reference: 'Undertake initiatives to contribute to a low emissions economy and promote greater environmental responsibility. Ensure that economic and social development can be implemented on a sustainable basis with respect for protection and preservation on the environment, reducing waste, carbon emissions and pollution.' The policy will be reviewed by the Audit, Finance and Risk Committee in October and Full Council in December, and the guidelines developed thereafter.

- 8 QLDC has received positive feedback from Office of Auditor General with regards to its approach to integrating Climate Change into its Risk Management practices. The approach has been detailed within a case study into Local Government Risk Management practices which will be submitted to Parliament in October.
- 9 Emissions reduction and climate action concerns were included in the submission to the government in relation to the Natural and Built Environment Bill:
  - QLDC supported the concepts of environmental limits but recommended the need for a hierarchy of concerns and careful monitoring to prevent a race to the minimum viable level.
  - QLDC sought the inclusion of a clause enabling low emissions living solutions.
- 10 QLDC has provided feedback to the Department of Internal Affairs (DIA) about three waters reform and developed a draft position statement in which the inclusion of carbon accounting in all options presented was strongly emphasised as a desirable decision-making variable. The importance of local decision-making for climate change adaptation planning and resilience investment was also emphasised. These adaptive planning processes are highly localised, as they draw upon local knowledge, local hazard information, and local community risk appetite to support the development and selection of pathway options.
- 11 A Climate Action brand with accompanying guidelines has been established which will be utilised on all future communications collateral and digital content:



***Outcome two: Queenstown Lakes has a low-carbon transport system***

- 12 Queenstown Airport Corporation (QAC) has hired a new Sustainability Manager who will be advancing the QAC Sustainability Strategy and emissions reduction initiatives. QAC are keen to work closely with QLDC and the Climate Reference Group to develop and progress this work programme.
- 13 The NZ Up programme is currently in design and will commence construction this financial year. It includes bus priority measures and improvements that will benefit active travel routes. Seven active travel routes that have fallen out of the Queenstown Transport Business Case are finalising detailed design. Design is progressing for Frankton Track active travel route.
- 14 A Comprehensive Parking Management Plan is underway.

***Outcome Three: Built environment and infrastructure is climate-responsive***

- 15 Strong progress is being made with regards to developing community resilience through the launch of Community Response Group campaign across the district. This involves the development of new Community Emergency Hub guidelines and the formation of new response groups in communities across the district.
- 16 Climate Adaptation initiatives are progressing well across the district with dedicated natural hazard projects in Glenorchy (flooding), Gorge Road (alluvial fans) and Mt Iron (wildfire). Each of these projects involves multi-agency input to evaluate planning options to mitigate future risk and the involvement of Emergency Management and community stakeholders to build community readiness and resilience.
- Updates on the ORC led “Head of the Lake” project for Glenorchy can be [found here](#)
  - The Gorge Road Natural Hazards project has recently progressed to pre-notification of public consultation. The details of this were provided to Full Council on 16<sup>th</sup> September. The covering report can be [found here](#).
  - The Mt Iron Wildfire project has been nominated for a regional FENZ award and is the subject of a case study and national conference presentation at the upcoming National Rural Fire Research conference run by SCION. A project update newsletter can [be found here](#).
- 17 Submissions have been made by QLDC to the ORC Regional Policy Statement consultation in support of its overall intent to provide effective long-term limits on environmental impact in response to climate change.
- 18 QLDC is continuing to support ORC to translate the outputs from their Regional Climate Change Risk Assessment into a regional adaptation planning programme.
- 19 A project is underway to understand the most practical steps for putting the outcomes of the CAP into tangible action via QLDC’s three waters capital works programmes, with a view to establishing emissions reduction KPIs in Panel Agreements.

***Outcome Four: Communities are climate-conscious and resilient***

- 20 QLDC and the RTOs are funding WAO to deliver a Greenhouse Gas Reduction Programme. This is a pilot programme, born from the ‘Know Your Number’ campaign, that looks to accelerate Queenstown Lakes District towards a carbon zero, regenerative community. It will focus on inspiring, educating & enabling the schools and business community to enhance their understanding of their emissions and support them with ideas of how to reduce their environmental impact.

- 21 QLDC is also supporting the WAO Summit through funding, in-kind hire of Lake Wānaka Centre for the week and involvement in running some sessions.



*QLDC is collaborating with Enviroschools to deliver climate 101 workshops to schools and feed youth views into the CAP review. Here are Queenstown Primary School's Enviro Group learning about the Greenhouse Effect in their tunnel house.*



*In August QLDC and the Climate Reference Group hosted a stakeholder hui in Arrowtown. The purpose of the hui was to get 'feedforward' on the future Climate Action Plan. The event sparked some brilliant ideas and fostered community connections.*

**Outcome Five: Our economy and natural environment thrive together**

- 22 The Destination Management Plan is progressing well, with place-based design workshops complete and regenerative tourism events planned for the WAO summit in October. Climate change and regenerative tourism are central to this plan which will inform a number of the tourism related actions in the CAP.
- 23 Advocacy, strategic planning, policy advice and technical support for emissions reductions through waste minimisation is provided by staff representation on the following groups; WasteMinz Territorial Authority Waste Forum, MfE Technical Advisory Group for NZ Waste Strategy Review, MfE National Resource Recovery Infrastructure Investment Group, Container Return Scheme TAG.
- 24 The 2021 Parks and Open Spaces Action Plan demonstrates the objectives to protect and enhance biodiversity. There are ecological management plans for Matakauri Wetland, Pig & Pigeon Island and a Shotover Wetland plan which will be completed this year.
- 25 The Tree Policy review is underway.

**PRIORITIES FOR NEXT QUARTER**

- 26 Development of the 2022-25 CAP.
- 27 Completion of the 18/19 Corporate GHG report.
- 28 Design stage kick-off of the project to embed climate action and biodiversity into business cases and decision making.

## ACTIONS THAT HAVE BEEN RESCHEDULED

- 29 'Identify QLDC's emissions-intensive energy uses and plan a programme of replacement with low emissions alternatives' has been delayed due to resource constraints. The plan is currently in draft and will be finalised when the Climate Action Project Co-ordinator is in role.
- 30 Similarly, climate action guidelines for QLDC funded events are in draft and will be finalised when the Climate Action Project Co-ordinator is in role.
- 31 Three of the tourism related actions in Outcome Five will be informed by the Destination Management Plan.

## 2022-2025 CLIMATE ACTION PLAN

- 32 QLDC has committed to reviewing the Climate Action plan (CAP) each year in line with the Annual Plan cycle. The CAP will always look forward three years.
- 33 Internal and external stakeholders are being engaged throughout the development of the draft before consultation and adoption in line with the Annual Plan. The Climate Reference Group is a key stakeholder group in reviewing and agreeing priority action areas for the plan.
- 34 Initial engagement activities are complete, and a long list of potential actions has been created. The Climate Reference Group has agreed recommendations at a high level and is prioritising draft actions in October.
- 35 It is of note that "The National Emissions Reduction Plan" (due Dec 2021) has been delayed by six months. This was originally planned to be a key input into the review but will now need to be considered during delivery of the plan and as an input into the 2023-26 CAP.

## CLIMATE REFERENCE GROUP

- 36 There have been some changes to the membership of the CRG:
- Tony Pfeiffer has joined the group in the upper Clutha Community Leader role. This role was previously held by Dr Carly Green, who stepped down from the group due to increased work commitments.
  - With Councillor Esther Whitehead moving from her previously held 'Wakatipu Community Leader' seat to a Councillor seat on the CRG, Councillor Glyn Lewers has stepped down from the CRG, and QLDC is now seeking nominations for the community position.
- 37 Climate Reference Group membership:
- Bridget Legnavsky: Chair  
Alec Tang: Climate Action in Government Expert  
Barrie Wills: Biodiversity Expert

Councillor Esther Whitehead  
Councillor Niki Gladding  
Councillor Quentin Smith: Infrastructure Committee Chair  
Dr Jim Salinger: Climate Change Expert  
Dr Lyn Carter: nominated by Aukaha on behalf of runaka  
Tony Pfeiffer: Upper Clutha Community Leader  
Gail Thompson: nominated by Te Ao Marama on behalf of runaka  
Otago Regional Councillor Alexa Forbes  
Vacant: Wakatipu Community Leader

## **CONSULTATION PROCESS | HĀTEPE MATAPAKI:**

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### **> SIGNIFICANCE AND ENGAGEMENT | TE WHAKAMAHI I KĀ WHAKAARO HIRAKA**

- 38 This matter is of low significance, as determined by reference to the Council’s Significance and Engagement Policy because it is consistent with existing strategy, and does not impact on the objectives set out in the Financial Strategy, Ten Year Plan or Annual Plan. Although the matter is of importance to the district and is of community interest, it is of low significance due to its alignment with the CAP.
- 39 The persons who are affected by or interested in this matter are all residents/ratepayers of the Queenstown Lakes district community, particularly individuals who take an interest in climate change.
- 40 As the significance of this matter is low and only for noting, no consultation with the community or local iwi is required.

## **RISK AND MITIGATIONS | NGĀ RARU TŪPONO ME NGĀ WHAKAMAURUTANGA**

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- 41 This matter relates to the Environmental risk category. It is associated with RISK00019 Ineffective mitigation response to the declared climate and ecological emergency and RISK00059 Ineffective planning to support Climate Change Adaptation within the QLDC Risk Register. These risks has been assessed as having a very high inherent risk rating.
- 42 The Climate Action Plan work programme will support the Council by allowing us to implement additional controls for this risk. The effectiveness of these controls and mitigations shall be supported by the continued governance of the CAP by the Audit, Finance and Risk Committee.

## **FINANCIAL IMPLICATIONS | NGĀ RITENGA Ā-PŪTEA**

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- 43 There are no budget, cost or resource implications to consider at this time.

## **COUNCIL EFFECTS AND VIEWS | NGĀ WHAKAAWEAWE ME NGĀ TIROHANGA A TE KAUNIHERA**

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- 44 The following Council policies, strategies and bylaws were considered:

- The Climate Action Plan is aligned to the principles of the Vision Beyond 2050, particularly Zero Carbon Communities, Disaster-Defying Resilience and Deafening Dawn Chorus.
- Related policies, strategies and bylaws (including Management plans) are:
  - 2018-48 Infrastructure Strategy
  - 2018 Three Waters Asset Management Plan
  - 2018 Transportation Activity Management Plan
  - 2018 Waste Minimisation and Management Plan
- The QLDC Disability Policy was considered in the development of the CAP

The recommended option is consistent with the principles set out in the named policies.

45 This matter is included in the Ten Year Plan/Annual Plan

- “QLDC is currently developing its first generation Climate Change Strategy – this strategy intends to broadly line up with the recent LGNZ Climate Change Programme – New Zealand’s commitment to the Paris Agreement. There are two streams to this strategy, the first being emissions reduction. Identifying projects that reduce Councils [sic] and the Community’s emissions i.e. public transport, energy efficiency on large items such as swimming pools and pumping costs for three waters. Other initiatives currently underway include measuring the emissions base line for Council, i.e. what do we emit today, this will allow us to measure and report our future performance. The second stream is about resilience and climate change, i.e. exploration of vulnerabilities and mitigation of the effects. If the future will be characterised by stormy and warmer weather, what is our exposure to that as a district? It is about identifying what aspects of a changing climate will most need to be responded to and what are our responses i.e. the district’s natural hazards are flooding and storms, warming temperatures and wind erosion. Identifying and actively pursuing ways to improve the district’s resilience”. (6.1 Demanding Natural Environment, p. 32)

**ATTACHMENTS | NGĀ TĀPIRIHANGA**

A	Climate Action Plan 2019-22
B	Climate Action Plan Status Updates - October 2021

## October 2021 CAP Reporting

## THE COMMUNITY LOOKS TO QLDC FOR LEADERSHIP AND ACTION

Name	No.	Target date	Phase	Status	Sep '21 update
Identify and mitigate QLDC's litigation and insurance risks in relation to climate change.	1.02		Scope	Progressing	Meeting conducted with AON NZ in August to review QLDC Insurance portfolio. Option to undertake an insurable risk profiling exercise with AON is being investigated to enhance assurance and ensure optimal insurance coverage
Agree partnership model with Kāi Tahu for delivery of CAP.	1.03	30-Jun-21	Design	Progressing	Kāi Tahu has representatives on the Climate Reference Group. Other elements of the partnership model are being agreed.
Establish an independent, multidisciplinary Climate Reference Group (CRG) within three months of the plan being adopted.	1.04	30-Jun-20	Complete		
Advocate to government for legislative reform to support CAP outcomes, providing consistent messages through regular channels and governmental consultative processes.	1.05		Ongoing	Progressing	Emissions reduction and climate action concerns were included in the submission to the government in relation to the Natural and Built Environment Bill. QLDC provided feedback on three waters reform, in which the inclusion of carbon accounting in all options presented was strongly emphasised as a desirable decision-making variable.
Measure the district's GHG emissions and develop an emissions reduction master-plan with science-based targets, and emissions reduction toolkit. Include sequestration plan and approach to offsetting.	1.06	30-Jun-21	Deliver	Delayed	Emissions Reduction Roadmap and Sequestration Study complete. Toolkit partially delivered, approach to offsetting to follow QLDC's footprint report.
Ensure climate change impacts are embedded into the QLDC spatial planning process.	1.01	30-Jun-20	Complete		
Engage with regional networks and partners to understand the benefit of a regional CAP.	1.08	30-Jun-21	Complete		Currently working with ORC on a regional Emissions Reduction Roadmap - this will either be adopted to be, or lead onto the creation of, a regional Climate Action Plan.
Include consideration of potential inward climate migration in methodology for data and forecasting, i.e. displaced people relocating to the district.	1.09	30-Jun-21	Scope	Paused	Defendable data is not available. This action will be revisited when data becomes available/national guidance is issued.
Conduct climate change data & intelligence gap analysis to ensure evidence will be available for effective decision-making and policy advice.	1.10	30-Jun-21	Not started	Paused	This action will commence when the new Data Analyst is in role.
Develop well-designed collateral and materials to support the CAP.	1.11		Deliver	Progressing	
Establish system to monitor and evaluate QLDC's emissions using an established and reputable system. Scope opportunities to include contractors.	1.12	30-Jun-20	Complete		
Ensure procurement policy and guidelines reflect climate action principles. i.e. contractors, suppliers, caterers etc.	1.13	30-Jun-21	Design	Progressing	The Draft Procurement Policy includes the following reference: 'Undertake initiatives to contribute to a low emissions economy and promote greater environmental responsibility.' The policy will be reviewed by Full Council in Nov.
Support emissions reduction behaviour already underway within QLDC, e.g. flexible working, Skype meetings, active transport etc.	1.14		Ongoing	Progressing	
Phased transition to an electric vehicle QLDC fleet.	1.15	30-Jun-20	Deliver	Progressing	15 of the 61 fleet vehicles are now EVs.
Explore opportunities to support zero-emissions energy initiatives as opportunities arise.	1.07		Ongoing	Progressing	
Develop an organisational travel plan and make changes to the way we work to minimise road and air travel	1.16	30-Jun-21	Complete		
Ensure climate change considerations are integral to all Council Reports and decision making.	1.17	30-Jun-20	Scope	Progressing	Scoping is underway. This is a priority action this year, with \$200k approved through the LTP.
Ensure climate change considerations and carbon accounting assessments are integral to all new Business Cases.	1.18	30-Jun-21	Scope	Progressing	Scoping is underway. This is a priority action this year, with \$200k approved through the LTP.
A) Ensure staff are appropriately trained as to how climate action affects their roles, B) ensure suitable skillsets are within the organisation i.e. carbon accounting and change management.	1.19		Deliver	Progressing	Planning underway for organisation-wide climate action training. Climate Action is embedded into Workforce Strategy. Climate Action Co-ordinator has completed a Sustainability Leadership Programme. The Infrastructure team are upskilling on carbon accounting.
Identify QLDC's emissions-intensive energy uses and plan a programme of replacement with low emissions alternatives.	1.20	30-Jun-21	Deliver	Delayed	Plan is in draft.
Ensure that risks arising from climate change are embedded into QLDC's risk management framework and 10 year plan, in accordance with the Zero Carbon Act.	1.21	30-Jun-21	Complete		QLDC has received positive feedback from Office of Auditor General with regards to its approach to integrating Climate Change into its Risk Management practices. Our approach has been detailed within a case study into Local Government Risk Management practices which will be submitted to Parliament in October

Support a range of grass-roots, innovative staff programmes that will support climate action i.e. STEP initiatives to reduce single use cups and plastic bottles.  
Change the way we work through targeted initiatives, including: all QLDC stationery and consumables will be climate and environmentally friendly / reduce use of paper and printing / carbon offset all flights taken by staff

1.22	Ongoing	Progressing	Plastic Free July campaign well-received and drove staff behaviour change. Good use of recently implemented battery and stationary recycle stations.
1.23	Not started	Paused	This action was deprioritised by the CRG. This will form part of the Climate Action Committee's work programme.

### QUEENSTOWN LAKES HAS A LOW-CARBON TRANSPORT SYSTEM

Name	No.	Target date	Phase	Status	Sep '21 update
Become an idle-free district by encouraging drivers to switch off engines when parked			Not started	Paused	This action was identified as lower priority by the CRG. QLDC's role in air quality actions will be considered as part of the CAP review.
Spatial Plan to develop future urban design outcomes that reduce reliance on private vehicles.	2.01		Complete		Outcomes have been developed and are now being delivered under the Spatial Plan delivery programme.
Develop transformational options for net-zero emissions public transport.	2.02	30-Jun-22	Scope	Progressing	Public transport electrification planned for 2027 in Queenstown Transport Business Case. ORC are underway with scoping for the Public Transport DBC.
Provide high quality public transport and active travel infrastructure that is continuously improving.	2.03		Ongoing	Progressing	The NZ Up programme will commence construction this FY - it includes bus priority measures and improvements that will benefit active travel routes. The Queenstown Transport Business Case addresses this action. Currently there are 7 active travel routes - finalising detailed design. Design is progressing for Frankton Track active travel route.
Encourage people to use public transport.	2.04		Ongoing	Progressing	See above update. In addition, the Comprehensive Parking Management Plan is underway.
Influence transport service and freight providers to transition towards a net-zero emissions system. Include consideration of hydrogen-based systems.	2.05		Scope	Delayed	Opportunities are being considered on an ongoing basis however progress has stalled currently.
Increase electric vehicle charging infrastructure across the district and explore opportunities to develop a regional network.	2.06		Ongoing	Progressing	QLDC is supporting the charging infrastructure roll-out led by Meridian and ChargeNet
Advocate to government for measures that will enable greater adoption of EVs and climate-conscious vehicles.	2.07		Ongoing	Progressing	Providing submissions as consultation opportunities become available.
Undertake an assessment of the aviation emissions profile.	2.08	30-Jun-21	Complete		This is included in the regional GHG profile.
Advocate to government for sustainable aviation emissions reduction strategies.	2.09		Ongoing	Progressing	Ongoing - led by QAC through the NZ Airports Association
Require QAC's airports to demonstrate industry-leading sustainability practices, aligned with the district's emissions reduction master-plan.	2.10		Deliver	Progressing	QAC has hired a Sustainability Manager and is developing a Sustainability Strategy. Commitments are made in the Statements of Expectation and Intent.

### BUILT ENVIRONMENT AND INFRASTRUCTURE IS CLIMATE RESPONSIVE

Name	No.	Target date	Phase	Status	Sep '21 update
Advocate to government for changes to the Resource Management System that take greater account of climate change in land-use planning for the benefit of both adaptation and mitigation initiatives.	3.01		Deliver	Progressing	RMA reforms are in progress with QLDC actively participating in the engagement process to understand the impact they will have on land-use planning in the district
Seek government support and work to influence third party infrastructure providers to reduce the vulnerability of their infrastructure to climate change.	3.02		Deliver	Progressing	QLDC is continuing to coordinate its resilience planning with local, regional and national Utility providers (Power, Telco, Roding, Gas). Regional Lifelines Meeting will be conducted in October to review resilience planning across the region. Queenstown will host the National Lifelines Forum in November and will be a keynote speaker at the 3 day conference.
Advocate to government for Building Act reform that will improve residential sustainability, efficiency and durability.	3.03		Ongoing	Progressing	QLDC has made submission to MfE on the Natural and Built Environment Act
Integration of climate change consideration into QLDC's Land Development and Subdivision Code of Practice, guiding development practices.	3.04	30-Jun-21	Deliver	Progressing	Climate change is being considered largely in the current stormwater, transport and waste minimisation section updates.
Ensure land-use planning reflects the need to be responsive to climate change adaptation requirements.	3.05		Design	Progressing	ORC and QLDC officers are collaborating effectively on natural hazard/climate adaptation projects for Glenorchy and Gorge Road. Submission also made by QLDC to ORC Regional Policy Statement consultation in support of its overall intent to provide effective long-term limits on environmental impact in response to climate change

Conduct a scoping exercise to fully understand the requirement for District Plan changes to encourage climate resilience.	3.06		Not started		QLDC is continuing to engage with ORC in support of the scoping of Climate Change technical studies to enhance the evidence base for Climate Change impacts on land-use planning. A scoping exercise to undertake a technical assessment of wildfire risk is also currently being investigated
Carry out a full assessment of current and future climate hazards and vulnerabilities. Seek inclusion in the District Plan and the organisational risk management system.	3.07	30-Jun-20	Deliver	Progressing	See above update
Develop a preparedness and adaptation plan with regional partners that specifically addresses future climate hazards and vulnerabilities.	3.08	30-Jun-21	Scope	Progressing	QLDC is continuing to support ORC to translate the outputs from their Regional Climate Change Risk Assessment into a regional adaptation planning programme
Understand the relationship between climate change, risk management and civil defence planning for all communities. Amend Civil Defence Emergency Management Community Response Plans and Emergency O...	3.09	30-Jun-21	Design	Progressing	Significant progress being made with regards to developing community resilience through the launch of Community Response Group campaign and the deployment of adaptation projects to mitigate the risk of flooding, wildfire and weather induced landslip hazards. Mt Iron Wildfire project has been nominated for a regional FENZ award and is the subject of a case study and national conference presentation by SCION
Utilise appropriate eco-design and low impact principles in all QLDC build and refurbishment property projects, including thorough consideration of timber construction.	3.10		Ongoing	Progressing	Council has directed officers to explore timber construction for the Project Connect office building. Design of all property projects considers low impact/ eco-design principles.
Design and construct New Zealand's first passive build community facility - Luggate Hall.	3.11	30-Jun-21	Deliver	Progressing	Construction of the Luggate Memorial Centre to Passive House standard is underway. The panelised construction methodology will result in less construction waste and a shorter build time.
Develop and support best practice urban design principles that move the district towards sustainable development.	3.12	30-Jun-21	Ongoing		The team is keeping pace with the principles outlined in the urban growth agenda, the NPS on Urban Development Capacity and the NPS on Urban Development. The spatial plan is deliberately focused upon sustainable development through intensification, public transport connectivity and reducing the need for individual vehicles. The Proposed District Plan Process contains the following Design Guides containing specific outcomes relating to Urban design: Residential Zone Design Guide, Design element 9: Site Coverage and Low Impact Design, Design Element 10: Building materials and environmental sustainability, Business Mixed use Design Guide, Design element 11: Environmental sustainability.
Deliver an education campaign in relation to space-heating requirements.	3.13	30-Jun-21	Complete		
Undertake a detailed study of the district's household, organisational and business space heating requirements. Create a staged plan to reduce their dependence on fossil fuels.	3.14	30-Jun-22	Not started		
Include emissions reduction performance targets in the design and construction of infrastructure.	3.15		Scope	Progressing	Project underway to understand the most practical steps for putting the Outcomes of the CAP into tangible action via their three waters capital works programmes, with a view to establishing emissions reduction KPIs.

## COMMUNITIES ARE CLIMATE-CONSCIOUS AND RESILIENT

Name	No.	Target date	Phase	Status	Sep '21 update
Encourage emissions reduction at all QLDC funded events.	4.01		Design	Paused	Sustainable Event Guidelines are in draft.
Facilitate workshops and provide online tools to help the community make better food and consumer choices.	4.02		Not started		
Conduct stakeholder mapping exercise and develop effective community networks.	4.03		Ongoing	Progressing	QLDC and the Climate Reference Group held a very successful stakeholder hui in August. Stakeholder mapping exercise complete. Ongoing work to develop community networks.
Build empowered community networks that help to sustain the CAP and other initiatives, whilst informing future action plans.	4.04		Ongoing	Progressing	Wide-reaching and in-depth engagement in underway to inform the CAP review. QLDC staff and the CRG have a strong focus on building stakeholder relationships and networks.
Provide meaningful support to community change projects that inform, educate and inspire climate action.	4.05		Deliver	Progressing	•QLDC and the RTOs are funding WAO to deliver a Greenhouse Gas Reduction Programme. . QLDC is also supporting the WAO Summit.
Review funding provisions and improve funding mechanisms for community-led climate action i.e. food and water resilience initiatives.	4.06	30-Jun-21	Not started		
Support and guide the development of local food initiatives.	4.07	30-Jun-22	Scope	Progressing	The development of a local Food Resilience Network is being progressed through discussion with key stakeholders. The launch of this network will be a key action in the new Climate Action Plan.
Ensure community groups are prepared for an increase in extreme weather events that may affect existing systems and processes.	4.08	30-Jun-21	Deliver	Progressing	Significant progress being made with regards to developing community resilience through the launch of Community Response Group campaign and the deployment of adaptation projects to mitigate the risk of flooding, wildfire and weather induced landslip hazards. Mt Iron Wildfire project has been nominated for a regional FENZ award and is the subject of a case study and national conference presentation by SCION.
Consider ways to proactively incentivise good practice, climate action and emissions reduction.	4.09	30-Jun-22	Ongoing		

Create a forum for the voice of youth to be heard.	4.10	30-Jun-22	Deliver	Progressing	QLDC is collaborating with Enviroschools to deliver climate 101 workshops to schools and input youth views into the CAP review.
Undertake a study of the potential health and wellbeing implications of climate change in the district, in preparation for future action planning. Utilise Quality of Life survey data.	4.11	30-Jun-22	Scope	Progressing	Under review with Public Health South and Wellsouth Primary Health stakeholders

## OUR ECONOMY AND NATURAL ENVIRONMENT THRIVE TOGETHER

Name	No.	Target date	Phase	Status	Sep '21 update
Promote Tourism Industry Aotearoa sustainability commitment as a positive initial step for local tourism businesses.	5.01		Not started	Paused	This action was identified as lower priority by the CRG. The Destination Management Plan will inform further action in this space.
Promote the Tiaki Commitment (for visitors) at all public QLDC facilities. Contribute to further development of the commitment.	5.02		Not started	Paused	The RTOs are progressing this with the Tiaki Commitment Committee.
Support and promote the One New Zealand Again Again (no single-use plastic cup) hospitality industry initiative to extend its reach.	5.03		Deliver	Progressing	Wanakup and SUCfree Queenstown received funding through the Waste Minimisation Community Fund.
Design a process to understand ecological impacts at specific locations that are under pressure from climate change and/or unsustainable tourism practices.	5.04	30-Jun-22	Not started		The Parks & Reserves Team is managing areas of ecological significance from the guidance of ORC (i.e. regionally significant wetlands and islands) but no process has been designed to look specifically at impacts from tourism and climate change.
Work with the tourism system to become a net zero carbon and zero waste destination. Become the most sustainable tourism system in New Zealand.	5.05		Scope	Progressing	This is fundamental to the Destination Management Plan and well established. This will likely lead to a separate workstream in the economic development space but is also closely related to the work of the Know Your Number programme.
Ensure that climate change considerations and relevant destination management concepts are incorporated into QLDC's destination strategy.	5.06	30-Jun-21	Design	Progressing	This is fundamental to the Destination Management Plan.
As the opportunity arises, advocate to government for a national approach to short term offsetting of international arrivals.	5.07		Deliver		QLDC has advocated for greater government coordination and flow of international arrivals, within submissions where we have also been emphasising the need for emissions reduction related to the key topics of the submission.
Develop a scheme to encourage visitors to 'give back' to local environmental initiatives, built on the model provided at the freedom camping sites.	5.08	30-Jun-21	Not started	Paused	Awaiting the completion of the Destination Management Plan to inform this action. This action was identified as lower priority by the CRG.
Support and enable circular economy initiatives.	5.09		Deliver	Progressing	Advocacy, strategic planning, policy advice and technical support for emissions reductions through waste minimisation provided by staff representation on the following groups; WasteMinz Territorial Authority Waste Forum, MfE Technical Advisory Group for NZ Waste Strategy Review, MfE National Resource Recovery Infrastructure Investment Group, Container Return Scheme TAG.
Encourage businesses to ensure that systems and processes are designed to be resilient to an increase in extreme weather events.	5.10		Not started		
Engage with the agricultural/rural community to understand key challenges and best practice.	5.11	30-Jun-21	Deliver	Progressing	WAO is progressing this action. QLDC is supporting the Know Your Number project and will work with partners to deliver the project across the district..
Ensure plans are in place to protect and enhance biodiversity in the district. Understand the impact of climate change on flora and fauna.	5.12	30-Jun-21	Deliver	Progressing	The 2021 Parks and Open Spaces Action Plan demonstrates the objectives to protect and enhance biodiversity. There are ecological management plans for Matakauri Wetland, Pig & Pigeon Island and a Shotover Wetland plan will be complete this year. The Bodeker Report forecasts high-level climate impacts on ecology. The gap is in resourcing specific studies or understandings of climate impacts on these ecosystems specifically.
Establish a tree valuation framework to more accurately manage and budget for maintenance and investment in tree resources, including assets on the road reserve.	5.13	30-Jun-21	Scope	Progressing	Tree policy review is underway and will consider tree valuation.