

# Queenstown Lakes Climate and Biodiversity Plan 2025 – 2028

## Te Mahere Āhuarangi me te Rereka Rauropi tō Queenstown Lakes 2025 – 2028






# This plan belongs to all who make this district home.

## ACKNOWLEDGEMENTS

Special thanks to the Climate Reference Group, our partners, and other stakeholders who contributed to this plan. We acknowledge their amazing mahi across our district to reduce greenhouse gas emissions, build resilience to a changing climate, and protect and restore our indigenous ecosystems.

For more information on our partners' work, refer to our website

 [climateaction.qldc.govt.nz/our-partners](https://climateaction.qldc.govt.nz/our-partners)

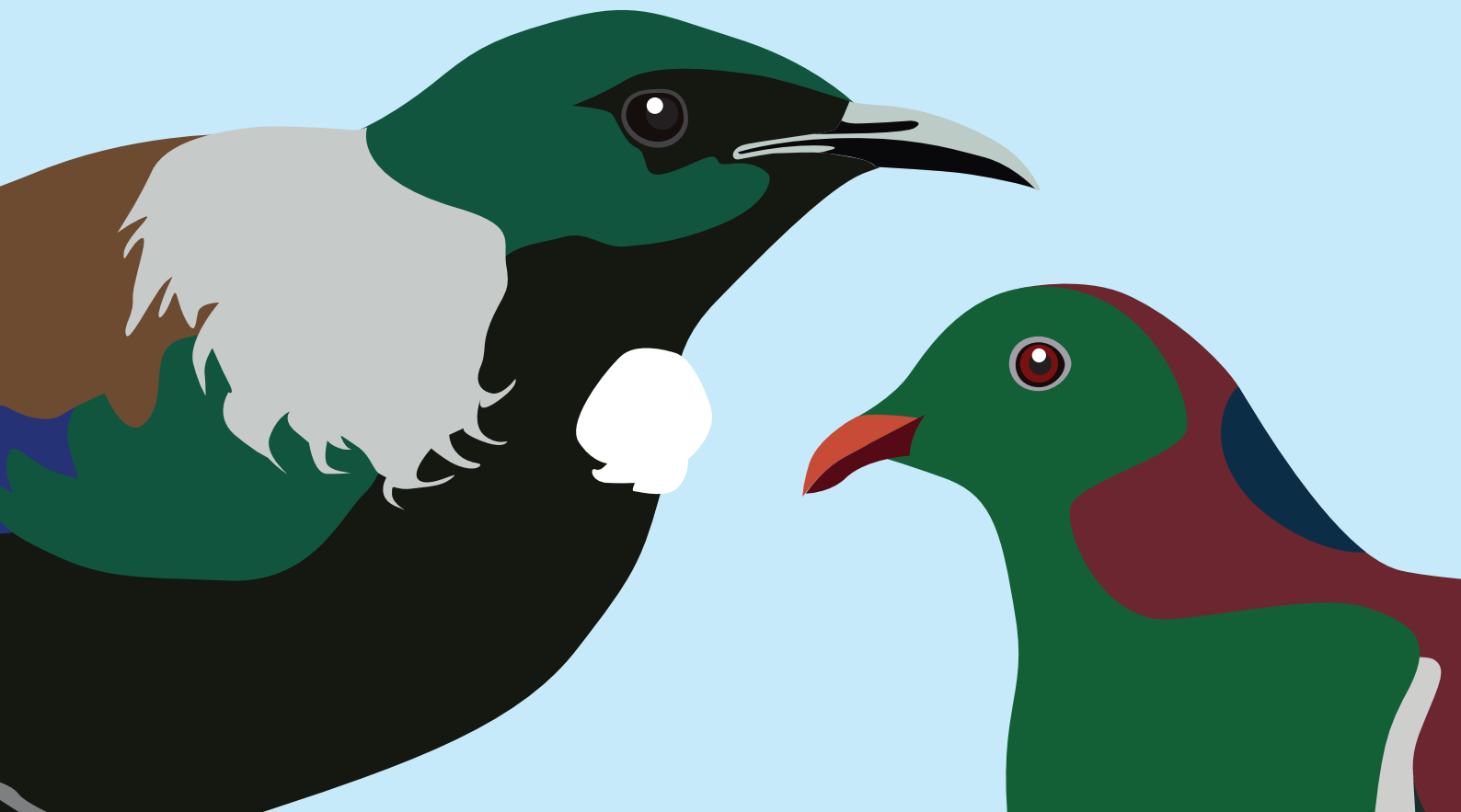




Kia ora  
Queenstown  
Lakes tamariki!

# What does your future world look like?

Let's shape the  
future together -  
one masterpiece  
at a time!



## NOTE:

This plan is still under development and will be updated based on feedback from our community and partner network. When completed it will also include key messages from the Mayor, Climate Reference Group Chairperson, Kāi Tahu representatives and the creative outputs from our district's tamariki (see above).

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1

# Introduction



# Our journey so far



On 27 June 2019, Queenstown Lakes District Council (QLDC) declared a climate and ecological emergency and developed its first Climate Action Plan 2019-2022. This plan set the foundation for Council's response and focused on an ambitious range of actions across five outcome areas.

## ACHIEVEMENTS INCLUDE:

Establishing the Climate Reference Group.

The first district greenhouse gas (GHG) emissions report.

Queenstown Lakes Emissions Reduction Roadmap.

Starting Council's transition to an electric vehicle fleet.

Inclusion of climate change risks into our risk management framework.

Launch of Community Resilience Groups across the district.



In July 2022 Council adopted the second Climate and Biodiversity Plan 2022-2025. This plan acknowledged that climate action needs to be fully integrated with biodiversity protection and ecosystem regeneration to address the dual climate and ecological emergencies. The plan focused on "getting our own house in order" and developing relationships with local partners to deliver climate and biodiversity action.

## ACHIEVEMENTS INCLUDE:

Completing organisational GHG emissions inventories and becoming Toitū Carbon Reduce certified.

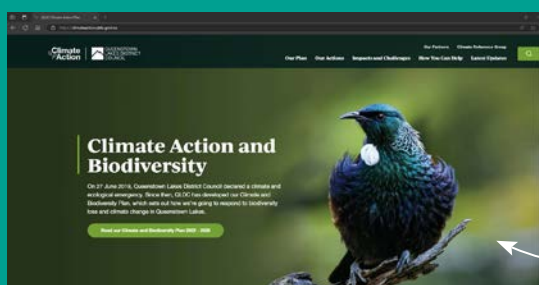
Developing an Organisational Emissions Reduction Plan.

Opening Luggate Memorial Hall | Whare Mahana, the first community facility built to passive-house standards.

Harvest of wilding pines and awarding the native revegetation contract for Coronet Forest.

Conducting a carbon baseline assessment for the Long Term Plan 2021 -2031.

Prioritisation of climate and biodiversity action in the Long Term Plan 2024 - 2034 and 30 Year Infrastructure Strategy.



The second plan also included the launch of a new website, to provide updates and communicate stories from across the district.

[climateaction.qldc.govt.nz](https://climateaction.qldc.govt.nz)



# Next steps

2024 was the first year with an average global temperature exceeding 1.5° C above pre-industrial levels<sup>1</sup>

## As we hit the mid-point of this decade, our focus shifts to the next three-year plan.

This plan sets out our latest priorities for responding to the climate and ecological emergencies and an action plan for how the vision, outcomes and objectives will be achieved. It builds on past progress and outlines the actions needed to create a more resilient, low carbon, and thriving future for all who call Queenstown Lakes District home.

Six years after declaring a climate and ecological emergency steady progress has been achieved, but more needs to be done. The scientific evidence is clear: we must act decisively to reduce emissions, restore biodiversity, and strengthen our resilience to the changes ahead.

### WHAT'S NEW?

At the heart of this plan is the theme: **Accelerating Transformation through Partnerships**. Tackling these complex challenges requires collaboration across our community, including with mana whenua, local businesses, conservation groups, climate experts, residents and visitors. Our response to a changing climate requires a collective effort. We need to go beyond the efforts of individual organisations to leverage the diverse skills, resources, and expertise across our district.

This plan recognises that local organisations possess invaluable knowledge and experience allowing them to effectively implement initiatives and drive change at the community level. Lasting transformation happens when communities are resourced and empowered to lead. Council plays an important role within this community-led approach by acting as an advocate, enabler, facilitator, and funder.

We have placed Te Taiao (the natural environment) at the core of our action planning. The mauri (life force or essence) of the natural environment affects our district's cultural, economic, and social health and wellbeing.

This plan also includes a new outcome area: the local energy system. This reflects the scale of the challenges and opportunities in transforming the district's power supply to be more resilient, renewable, and responsive to the shifting needs of our community.

Together, through strong partnerships and meaningful action, we can accelerate the transformation needed for a more sustainable future, one where both people and nature thrive. Climate change and the degradation of our natural environment affects us all, and we all have a role to play in building a resilient, thriving district for current and future generations.

## This plan belongs to all who make this district home.

<sup>1</sup> Copernicus Climate Change Service (C3S) (2025). 2024 is the first year to exceed 1.5°C above pre-industrial levels: Press release 25 January 2025 <https://climate.copernicus.eu/copernicus-2024-first-year-exceed-15degc-above-pre-industrial-level>



# Accelerating transformation through partnerships





## Local Partnerships

We will strengthen strategic partnerships with our communities, partner organisations, businesses, and developers to accelerate transformation in our district.

### Kāi Tahu Partnership

Partner with Kāi Tahu on environmental projects and seek opportunities to integrate the principles and priorities of the Ngāi Tahu Climate Change Action Plan Te Kounga Paparangi.

Ensure Te Ao Māori (the Māori worldview) and Mātauraka Kāi Tahu (Kāi Tahu knowledge systems) are central to Council climate and biodiversity action planning.

Provide resources, support, and staff training to deepen the understanding of Mātauraka Kāi Tahu.

### Rakatahi Partnership

Strengthen the relationship with our high school rakatahi (young people) to better integrate young people's voices into climate and biodiversity policy.

Build pathways to ensure that the perspectives of children and youth are central to future decision-making on climate initiatives.

Collaborate with local primary schools, education providers, and organisations such as EnviroSchools and NaturEd to support programmes that build students' knowledge and skills in climate action, biodiversity regeneration, and sustainability.

### National Partnerships

Engage in local government networks across Aotearoa New Zealand to share knowledge, build support, and advocate for stronger responses to the climate and ecological crises.

Collaborate with Otago Regional Council and other local authorities to drive aligned climate and biodiversity action across the region.

Partner with the Climate Reference Group to amplify our district's voice in shaping national and local policy discussions.

Develop partnerships with leading tertiary institutions advancing research in biodiversity regeneration and ecosystem restoration.

### Global Partnerships

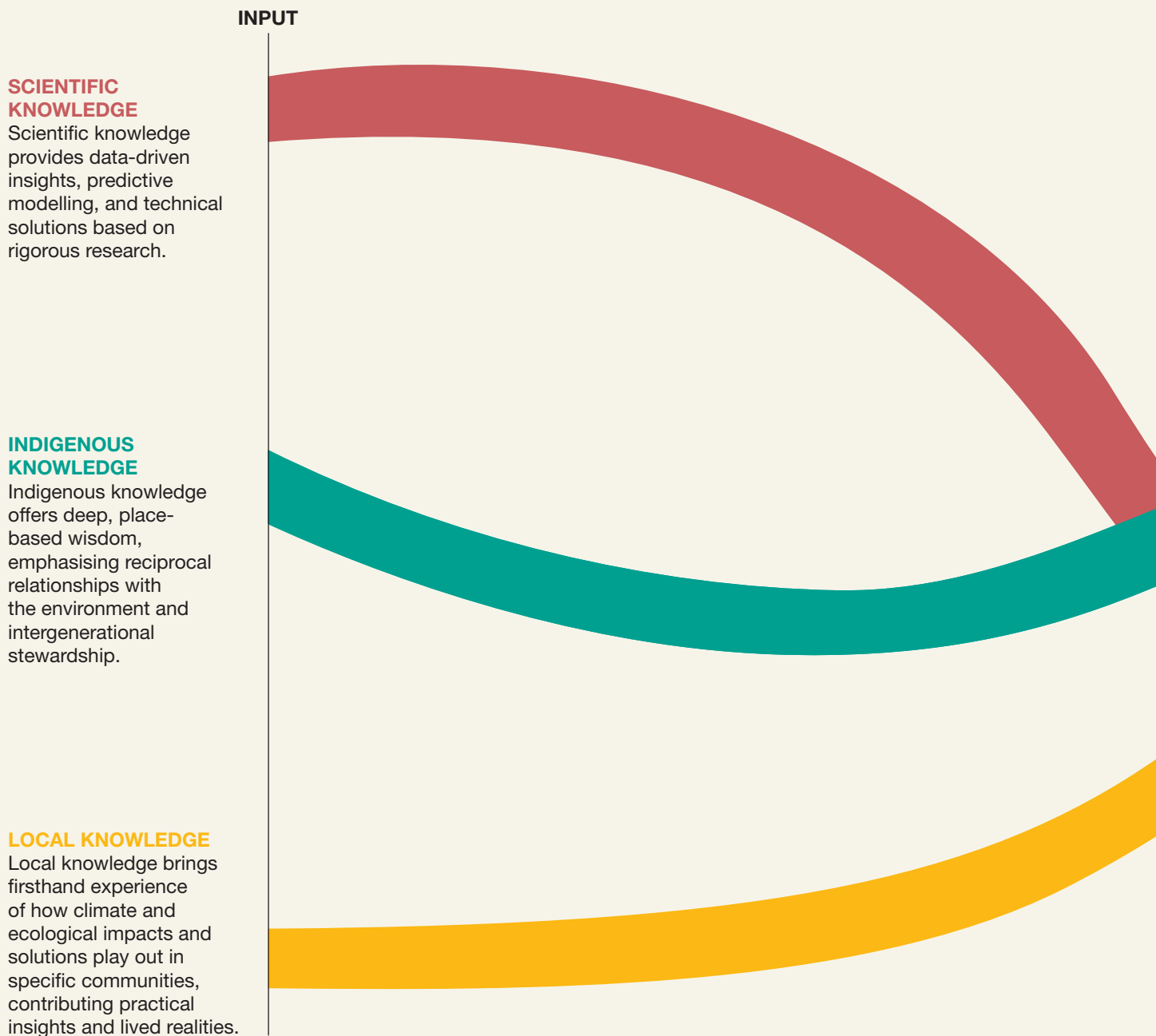
Partner with international climate leadership networks to enhance knowledge-sharing, promote best practice learnings, and participate in global advocacy.

Explore opportunities to engage with international networks such as C40 Cities, ICLEI (Local Governments for Sustainability), and the Global Covenant of Mayors.

Work with our sister cities, and other international districts that face similar climate and ecological challenges leverage information sharing and innovative solutions.

# Weaving our knowledge together

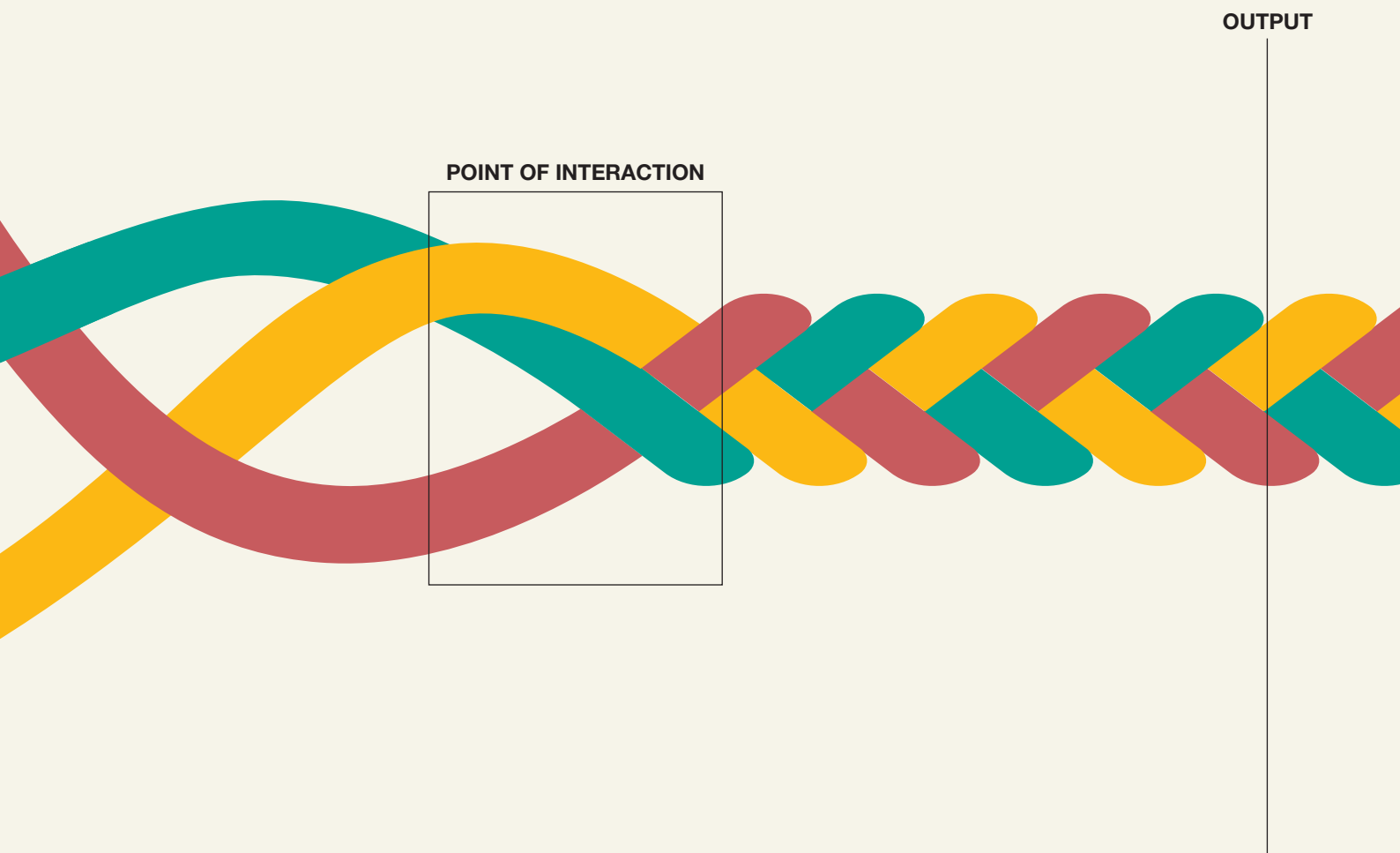
Addressing the climate and ecological crises requires us to draw upon the full spectrum of knowledge - scientific, Mātauraka Kāi Tahu, and local - to form a deeper, more holistic understanding of the challenges we face and the solutions we can create together. Each of these knowledge systems carries unique strengths, and we create a stronger, more resilient foundation for action by braiding them together.





The concept of braided knowledge is commonly used by Indigenous Peoples and local communities. It recognises that each knowledge system remains distinct, yet is interwoven with the others to form a stronger, more adaptable whole. The figure below adapted from Morel et al. (2022)<sup>2</sup> illustrates how each strand is essential. No single perspective alone can provide the depth of understanding needed to tackle the complexities of ecological breakdown and climate change.

By embracing braided knowledge across our partner network, we move beyond siloed approaches to a more inclusive, collaborative, and effective response, one that respects diverse ways of knowing and strengthens our collective capacity to navigate an uncertain future.



<sup>2</sup> Morel H., Megarry W., Potts A., Hosagrahar J., Roberts D.C., Arian Y., Brondizio E., Cassar M., Flato G., Forgeson S., Jigyasu R., Masson-Delmotte V., Oumarou Ibrahim H., Pörtner H. O., Sengupta S., Sherpa P.-D., Veillon R. (2022) *Global research and action agenda on culture, heritage and climate change: scientific outcome of the International Co-Sponsored Meeting on Culture, Heritage and Climate Change*. Project Report. ICOMOS & ISCM CHC, Charenton-le-Pont, France & Paris, France, 69p.









## 2 Strategic alignment



# Our partnership with Kāi Tahu is our foundation

## The partnership between Council and Kāi Tahu has helped shape this plan.

The Ngāi Tahu climate change strategy, He Rautaki mō te Huringa o te Āhuarangi<sup>3</sup>, speaks to creating a legacy for whānau to come. We share this aspiration to secure the best possible future for us and our children after us.

Council stands beside Kāi Tahu in the belief that amid change and loss there is also hope, and opportunities to thrive. This plan reflects these ideals by identifying ways to support resilience, sustainability, and intergenerational wellbeing.

The Kāi Tahu values framework, as outlined in the Queenstown Lakes Spatial Plan, has guided our decision-making and prioritisation. The principle of whakapapa underpins all of these values. Recognising whakapapa grounds our connection to place, people and the natural world. It reinforces the intergenerational responsibility we all carry and importance of enduring partnerships with both people and nature.

We aim to align our actions with those in the Ngāi Tahu Climate Action Plan, Te Kounga Paparangi<sup>4</sup>. This strengthens our collective ability to respond effectively to climate and biodiversity challenges while honouring our shared responsibility to protect Te Taiao (the natural environment).

References to the Kāi Tahu values framework are incorporated throughout our action plan. While many Kāi Tahu values can often be referenced, we have sought to identify the value(s) that most strongly aligns with the action.

VALUE	DESCRIPTION	APPLICATION
<i>Whanaukataka</i>	Family and community focused	Ensuring consideration of the social implications of decisions to enable community and whānau connections and growth.
<i>Manaakitaka</i>	Hospitality	Demonstrating behaviour that acknowledges others, through the expression of aroha, hospitality, generosity and mutual respect.
<i>Rakatirataka</i>	Leadership	Ensuring the treaty partnership is recognised to enable mana whenua leadership in decision making processes.
<i>Haere whakamua</i>	Future focused	Adopting a forward looking orientation with future generations in mind.
<i>Tikaka</i>	Appropriate action	Ensuring consideration of the appropriateness of decisions that will have a bearing on social, economic, environmental and cultural outcomes.
<i>Kaitiakitaka</i>	Stewardship	Enabling the inherited responsibility of mana whenua to support and protect people, the environment, knowledge, culture, language and resources on behalf of future generations.
<i>Mauri</i>	Life force	Recognising the life force in all lands, waters and the natural environment that stems from time immemorial, requiring a high duty of care for kaitiaki (and others) to maintain an intact and healthy mauri, ensuring that what is gifted from the Atua is not neglected.

<sup>3</sup> Te Rūnanga o Ngāi Tahu (2018). Te Tāhū o te Whāriki: Anchoring the Foundation. He Rautaki mō te Huringa o te Āhuarangi: Climate Change Strategy <https://ngaitahu.iwi.nz/wp-content/uploads/2018/11/Ngai-Tahu-Climate-Change-Strategy.pdf>

<sup>4</sup> Ngāi Tahu, Te Kounga Paparangi: Climate Action Plan <https://ngaitahu.iwi.nz/te-runanga-o-ngai-tahu/our-work-pou/strategy-and-environment/climate-change/>



# Aligning with Council's strategic framework

The QLDC Strategic Framework identifies the priorities needed to meet community aspirations and Vision Beyond 2050 outcomes for the district.

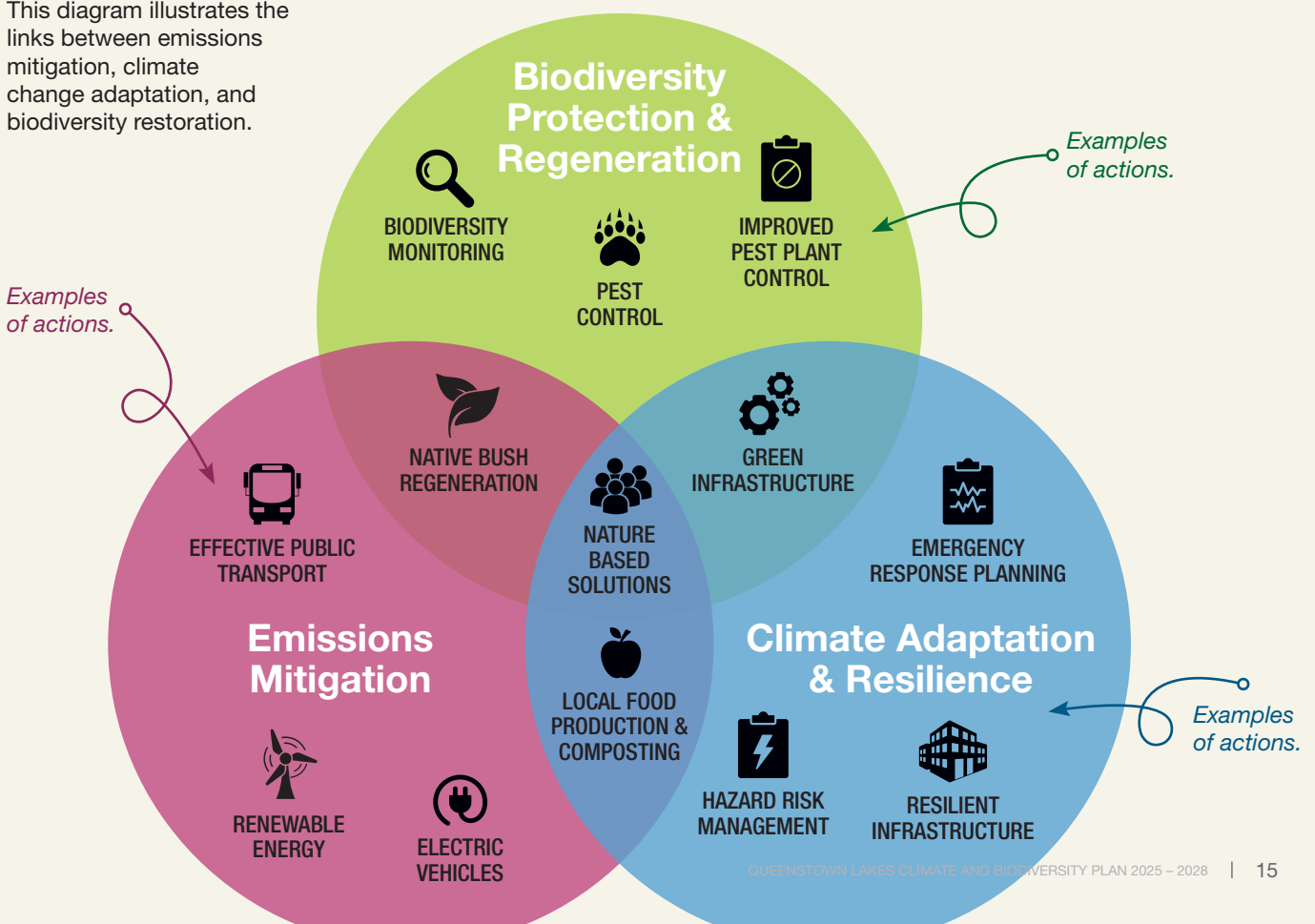


This plan plays an important role in progressing these priorities, with a particular focus on:

- > **BIODIVERSITY PROTECTION AND REGENERATION** – Supporting the vision of a **deafening dawn chorus**, where native flora and fauna thrive.
- > **CLIMATE ADAPTATION AND RESILIENCE** – Strengthening preparedness and response to environmental risks, in pursuit of **disaster-defying resilience**.
- > **EMISSIONS MITIGATION** – Driving progress toward **zero carbon communities** through emissions reduction initiatives and sustainable development.

These outcomes are all interconnected, and this plan acknowledges that climate and biodiversity challenges cannot be addressed in isolation. A holistic approach is necessary, ensuring that all actions contribute to the broader goal of a resilient, low-carbon, and thriving district.

This diagram illustrates the links between emissions mitigation, climate change adaptation, and biodiversity restoration.





# Where does this plan fit in?

Actions to ensure equity, mātauraka Kāi Tahu, resilience, and sustainability are explicit through the plan.

## CROSS CUTTING

Equity  
Mātauraka Kāi Tahu  
Resilience  
Sustainability

The objectives of this plan are aligned with the place outcomes of a healthy natural environment and an enabling built environment.

## PLACE

A healthy natural environment  
An enabling built environment

The plan contributes to our community aspirations:

### BIODIVERSITY



Deafening dawn chorus  
| Waraki

### ADAPTATION



Zero carbon communities  
| Parakore hapori

### MITIGATION



Disaster-defying resilience  
| He Hapori Aumangea





OUR COMMUNITY OUTCOMES...	...ARE SUPPORTED BY OUR WELLBEING OUTCOMES FRAMEWORK...	...AND DELIVERED EVERYDAY THROUGH OUR CORE ACTIVITIES...	...AND THROUGH ADDITIONAL FOCUS ON OUR STRATEGIC INVESTMENT PRIORITIES.
Thriving people   Whakapuāwai Hapori	<b>CROSS CUTTING</b>  Equity Mātauraka Kāi Tahu  Resilience  Sustainability	Community partnerships — Libraries — Sport & recreation — Community facilities and venues — Parks and reserves — Property — District Plan — Planning policy — Resource consents — Water supply — Wastewater — Stormwater — Transport — Waste minimisation and management — Strategic growth - Spatial Plan — Economy — Climate action and resilience — Regulatory functions and services — Local democracy — Emergency management — Finance and support services	<b>GET THE BASICS RIGHT FIRST</b>  Protect human and environmental health — Maintain levels of service — Undertake essential renewals — Ensuring we're ready for the future  <b>DIRECTLY INVEST IN INFRASTRUCTURE &amp; SERVICES</b>  Create well designed communities — Provide for growth — Build resilience and ability to adapt to the future — Enhance performance of the transport network — Create thriving town centres — Reduce carbon emissions  <b>INVEST THROUGH PARTNERSHIP WITH OTHERS</b>  Diversify the economy — Build a sustainable tourism system — Improve housing affordability
Living Te Ao Māori   Whakatinana i te ao Māori			
Opportunities for all   He ōhaka taurikura			
Breathtaking creativity   Whakaohoooho Auahataka			
Deafening dawn chorus   Waraki	<b>PEOPLE</b>  Healthy and fulfilled people  A good standard of living		
Zero carbon communities   Parakore hapori			
Disaster-defying resilience   He Hapori Aumangea			
Pride in sharing our places   Kia noho tahi tātou katoa			
	<b>PLACE</b>  A healthy natural environment  An enabling built environment		
	<b>COMMUNITY</b>  Connected communities  Belonging and identity  Participation and governance		



# Integrating with other strategies and plans

This plan fits within a broad system of plans and strategies that guide Council planning for the future. The CBP sets the overarching priorities for addressing the climate and ecological crises and thereby gives direction to other strategies and plans that deliver core functions of Council.

By setting out the overarching priorities for addressing the climate and ecological crises, this plan also provides direction to other strategies and plans that deliver core functions of Council.



## QUEENSTOWN LAKES SPATIAL PLAN

This plan sets out a long term vision for how the district can “Grow Well / Whaiora”, with a focus on sustainability, climate resilience, and biodiversity protection. It aims to reduce carbon emissions through improved urban planning, enhancing public and active transport, and encouraging renewable energy and low-emission buildings. The plan prioritises the protection and regeneration of natural ecosystems by integrating green spaces into urban areas, safeguarding indigenous flora and fauna, and ensuring responsible land use to minimise environmental degradation. Additionally, it emphasises climate adaptation by guiding development to areas with low natural hazard risk, ensuring resilience to extreme weather events and other climate-related challenges.



## QUEENSTOWN LAKES 30 YEAR INFRASTRUCTURE STRATEGY

This strategy outlines a long term approach to managing the district’s essential infrastructure, ensuring it is resilient, efficient, and sustainable. This strategy is crucial for climate and biodiversity action as it integrates future-focused planning to reduce emissions, protect biodiversity, enhance resilience, and support sustainable growth.



## QUEENSTOWN LAKES DISTRICT PLAN

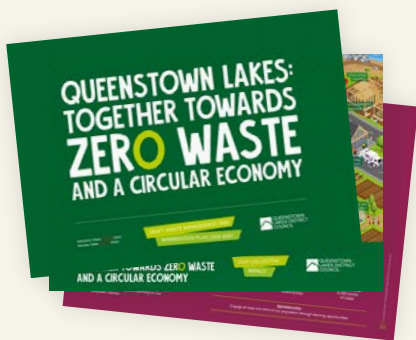
This document directs land use and development within the district, balancing growth with environmental protection. It plays a critical role by setting policies that promote sustainable development, protect natural ecosystems, and reduce carbon emissions. Significant indigenous vegetation and faunal habitats are protected and enhanced within scheduled Significant Natural Areas and other areas that meet biodiversity criteria in the District Plan. As a legal instrument under the Resource Management Act 1991 it sets enforceable rules on what activities can occur in specific areas.





### **REGENERATIVE TOURISM PLAN: TRAVEL TO A THRIVING FUTURE**

This destination management plan focuses on transforming tourism into a force for regeneration by ensuring visitors contribute positively to the local environment, culture, and community. It aligns with the climate and biodiversity actions by promoting the rapid acceleration of decarbonisation within the district's visitor economy, responsible visitor behaviour, and conservation-focused tourism initiatives.



### **WASTE MANAGEMENT AND MINIMISATION PLAN (WMMP)**

This plan presents a vision for a circular economy, where waste is significantly reduced through reuse, repurposing, and more responsible resource use. It aligns closely by encouraging responsible consumption, cutting landfill waste, and supporting community-led waste minimisation efforts. Both plans share a commitment to moving beyond the traditional "take-make-dispose" model, recognising that a circular approach is key to a more sustainable future. By focusing on waste reduction, material recovery, and smarter resource management, the WMMP supports reducing GHG emissions and easing pressure on natural ecosystems.



### **ECONOMIC DIVERSIFICATION PLAN: NEW PATHWAYS TO A THRIVING FUTURE**

This plan aims to reduce the district's reliance on tourism by building a more resilient, sustainable, and low-emission economy. The plan includes supporting local experts within the conservation, biodiversity, carbon reduction, and renewable energy sectors to grow sustainable income streams and export opportunities. A diversified economy has the potential to reduce the carbon footprint of the local economy and lead the transition to a low emission green future.



### **QUEENSTOWN LAKES DISTRICT WELCOMING PLAN 2024-2027**

This plan identifies actions to provide a welcoming and inclusive district for newcomers. This helps ensure equity and enable greater resilience through improved support with the community.

By integrating and aligning across Council strategies, plans and partnerships, we can ensure a coordinated and effective response to the challenges ahead.





A green frog is perched on a leaf on the left side of the image. The background is filled with dark green ferns. The overall lighting is dim, creating a naturalistic and serene atmosphere.

**3**

# **Our strategic action plan**

# Our strategic framework





# Our action plan

We have adopted a new strategic framework based on a circular, interconnected approach that places Te Taiao (the natural environment) at the centre of our planning and decision-making. This reflects our commitment to protecting and restoring the mauri (life force) of the environment, recognising that a thriving natural world is the foundation of community wellbeing and long-term resilience.

The framework outlines seven interwoven focus areas that respond holistically to the climate and ecological crises. Addressing these challenges demands integrated, long-term action across all domains of council and community life.

At the core of this approach is partnership - serving as the unifying thread that weaves together each outcome area. Through collaboration with mana whenua, local communities, businesses, and institutions, we aim to drive cohesive, collective impact.

The framework builds on our existing priorities while introducing a new focus on transforming our energy systems to support a low-emissions future.

The following pages outline proposed actions that will be delivered from 2025 to 2028. Actions have been identified through collaboration with our partners and reflect priorities for responding to the climate and ecological crises.

Each outcome area begins with a summary statement of intent, followed by a detailed set of actions. Actions are presented using a standard format that includes:

**ACTION NAME AND DESCRIPTION** – outlining the objective and rationale.

**PROGRESS TO DATE** – summarising foundational work or initiatives already underway.

















**KEY INITIATIVES** – detailing the steps and interventions that will be delivered.

**INVESTMENT LEVEL** – indication of the funding estimate for delivering the action.

**KEY PARTNERS** – identification of partners and stakeholders who will support the delivery of the action.

**KĀI TAHU VALUE ALIGNMENT** – identification of the value(s) that most strongly aligns with the action.

The key below indicates if an action is delivered by Council only or in partnership, whether it is new or continuing, level of investment, and whether it is dependent on initiatives such as the proposed Regional Deal.

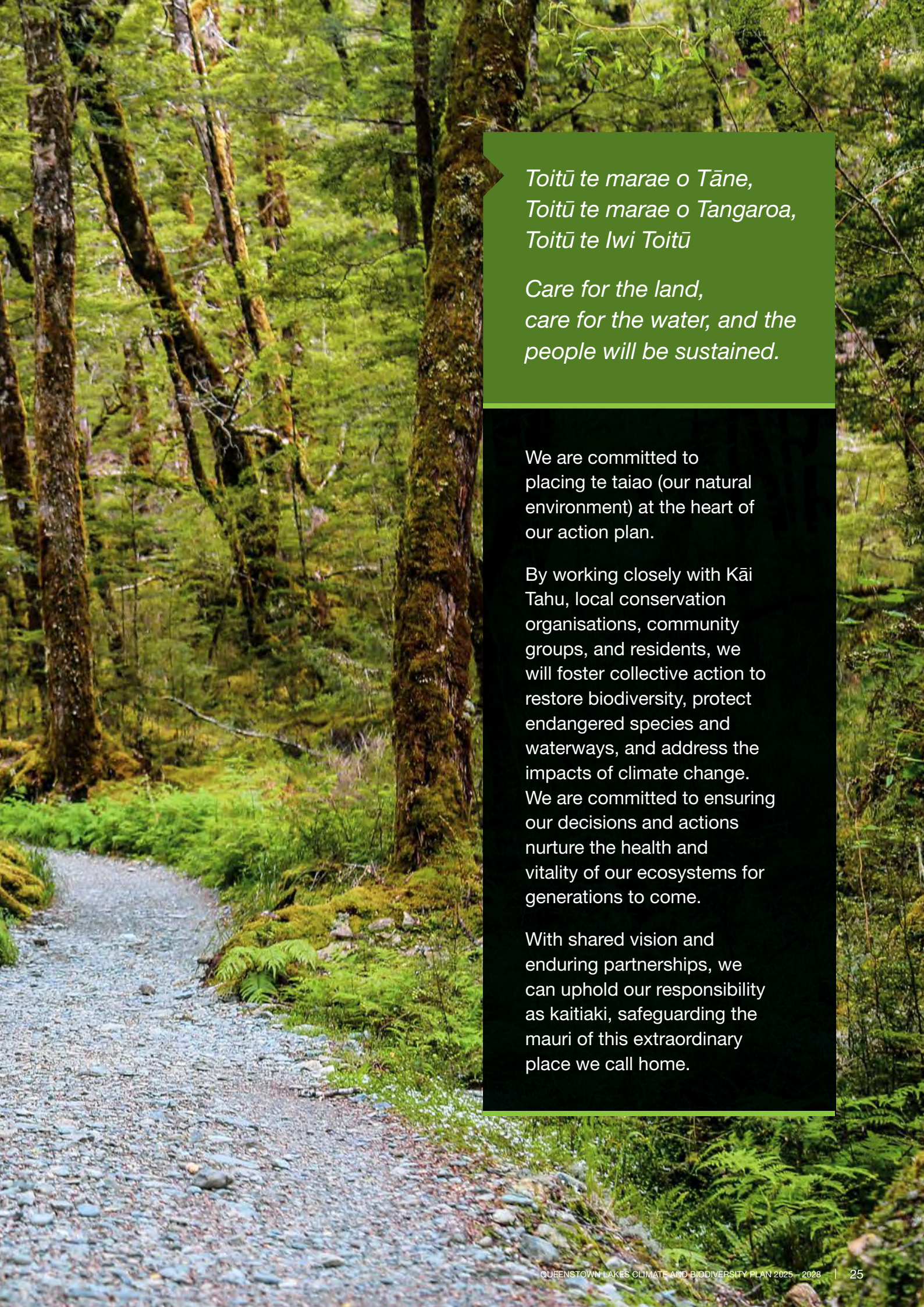
<b>DELIVERY</b>	 Council only	 Partnered delivery
<b>ACTION</b>	 New action	 Continuing action
<b>DEPENDENT INITIATIVES</b>	 Regional Deal	
<b>INVESTMENT VALUE (ESTIMATE)</b>	 <\$20K   \$20K - \$100K    \$100K - \$500K     >\$500K  TBC – to be confirmed / still under review	



A photograph of a dense forest. In the foreground, a gravel path leads from the bottom right towards the center. The ground is covered in vibrant green moss and ferns. Several tree trunks are visible, some heavily covered in moss. The background is filled with a thick canopy of green leaves and branches, creating a sense of depth and a lush environment.

**The mauri of  
our natural  
environment is  
protected and  
regenerated**



A photograph of a forest scene. In the foreground, a gravel path leads into the distance. The path is flanked by moss-covered ground and ferns. Several large, moss-covered tree trunks stand prominently on either side of the path. The background is filled with dense green foliage and trees, creating a vibrant and natural setting.

*Toitū te marae o Tāne,  
Toitū te marae o Tangaroa,  
Toitū te Iwi Toitū*

*Care for the land,  
care for the water, and the  
people will be sustained.*

We are committed to placing te taiao (our natural environment) at the heart of our action plan.

By working closely with Kāi Tahu, local conservation organisations, community groups, and residents, we will foster collective action to restore biodiversity, protect endangered species and waterways, and address the impacts of climate change. We are committed to ensuring our decisions and actions nurture the health and vitality of our ecosystems for generations to come.

With shared vision and enduring partnerships, we can uphold our responsibility as kaitiaki, safeguarding the mauri of this extraordinary place we call home.





## 1.1

## Project Tohu

### VISION:

Recloaking the giants of the Whakatipu.

### ACTION:

Revegetate Coronet Forest through the implementation of Project Tohu. This project will be a leading example of how large-scale ecological restoration can be successfully achieved in the district. More than 500,000 indigenous grasses, shrubs, and trees will be planted across the south-facing slopes of Coronet Peak. This site was the location of the former Coronet Forest which was harvested to remove a major source of wilding conifers. This project will restore and protect our local indigenous ecosystem, improve water quality within the catchment, and sequester carbon<sup>5</sup>.

### PROGRESS TO DATE:

Te Tapu o Tāne and e3 Scientific Limited were awarded the contract to restore the biodiversity of Coronet Forest with natives.

After harvesting the forest, the first project year focused on site preparation and planning followed by the first plantings in March 2025. The revegetation focuses on indigenous species such as tawhai rauriki (mountain beech), kōwhai, kōhūhū (pittosporum), and kapuka (broadleaf).

### KEY INITIATIVES:


Collaborate with Kāi Tahu to ensure mātauraka Kāi Tahu guides regeneration efforts, enhancing biodiversity and cultural connections to the land.

Engage the community, volunteers, and local conservation groups in planting and maintenance efforts to foster stewardship and environmental education.

Implement ecological best practices to ensure successful establishment of native species, enhance habitat connectivity, and improve climate resilience.

Monitor progress and ecosystem recovery through scientific assessments and community involvement.

Seek funding and support partnerships to expand the project and accelerate native revegetation across the Whakatipu region.

For more information visit  
 [www.qldc.govt.nz/project-tohu](http://www.qldc.govt.nz/project-tohu)



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Kāi Tahu, Te Tapu o Tāne, Citycare Property, e3 Scientific, local conservation and community organisations.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused  
**Rakatirataka** - Leadership  
**Mauri** - Life force







Also see  
actions 5.7  
and 5.8 that  
will support  
this project

1.2

## Waiwhakaata Lake Hayes restoration

### VISION:

To uphold the mana of the name Waiwhakaata so our actions are reflected in the water.

### ACTION:

Endorse the Waiwhakaata Lake Hayes Strategy and partner in the implementation of the action plan to restore the water quality and ecology of this treasured lake for generations to come.

The name Waiwhakaata refers to the shimmering reflection from the surface of the lake. Although the lake is a taoka (treasure) for our district, its hauora (health) has been significantly affected over many decades. This intergenerational project aspires to be an exemplar in ecological restoration and a case study for other catchment restorations across the motu.

### PROGRESS TO DATE:

The Waiwhakaata Strategy Group has been established between Kāi Tahu (Aukaha, Te Ao Mārama), Otago Regional Council (ORC), Department of Conservation (DOC), Friends of Lake Hayes, and Queenstown Lakes District Council (QLDC) to lead the development of the strategy. This strategy will build upon the significant progress that has been made with restoration work around the lake and in the broader catchment, including the installation and clearance of sediment traps, planting of over 140,000 native trees, removal of five hectares of willow trees, and augmentation of water into the lake.

### KEY INITIATIVES:

Endorse and support the delivery of the Waiwhakaata Lake Hayes Strategy.

Work in partnership with Kāi Tahu to integrate mātauraka Kāi Tahu into restoration efforts and ensure cultural values are upheld.

Collaborate with Friends of Lake Hayes, ORC, Mana Tāhuna, DOC, local community groups and businesses to implement water quality improvement measures, riparian planting, and catchment management strategies.

Engage the local community in regeneration initiatives, fostering stewardship through education, volunteering, and citizen science programmes.

Support monitoring and reporting on lake health improvements to check the effectiveness of restoration activities, and adapt to changing environmental conditions.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Kāi Tahu (Aukaha, Te Ao Mārama), ORC, Friends of Lake Hayes, Mana Tāhuna, DOC, Whakatipu Reforestation Trust, local conservation organisations, community groups, local businesses.

#### KĀI TAHU VALUE ALIGNMENT:

**Tikaka** - Appropriate action

**Kaitiakitaka** - Stewardship

**Mauri** - Life force





1.3

## Mt Iron Reserve enhancement

### ACTION:

Work in partnership with the community to protect and enhance the biodiversity, cultural significance, and recreational values of the Mount Iron Reserve. This work will be delivered in collaboration with Kāi Tahu, local community organisations, and the wider community.

### PROGRESS TO DATE:

The Mount Iron Reserve Management Plan was completed in April 2025. It sets out the vision and objectives that will guide the future management of Mount Iron and was developed following extensive engagement with the community. Community groups have also been working in the Mount Iron Reserve to remove wilding trees and trap pests.

### KEY INITIATIVES:

Support the community with removing invasive species and replanting indigenous flora to enhance biodiversity.

Protect and strengthen the ecological, cultural, and recreational values of the reserve in collaboration with mana whenua.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Kāi Tahu, DOC, local conservation organisations, community groups.

#### KĀI TAHU VALUE ALIGNMENT:

**Whanaukataka** - Family and community focused

**Haere whakamua** - Future focused

**Tikaka** - Appropriate action







## 1.4

# Deliver the Blue-Green Network Plan

### ACTION:

Lead the delivery of the Blue-Green Network (BGN) Plan. The BGN Plan seeks to connect and enhance the district's waterways and green spaces including parks, reserves, and natural areas, within the priority development and settlement areas of Council's Spatial Plan.

We will collaborate with developers and partners across the district to protect and restore these vital ecosystems, supporting native biodiversity, improving water quality, and strengthening climate resilience in our urban areas. As the district grows, it is essential to integrate natural systems and open spaces into our future planning to ensure long-term ecological health and more liveable, resilient neighbourhoods.

### KEY INITIATIVES:

Partner with Kāi Tahu in the practice Kia uta ki tai which is a natural resource management philosophy that recognises that everything is connected and must be managed as such.

Ensure the BGN principles are implemented into spatial planning:

- > Te mana o te wai<sup>6</sup>
- > Woven into the context
- > Coexistence of nature and people
- > Connecting people and place
- > Fit for purpose and well serviced

Provide GIS maps and local Blue-Green Network plans to support revegetation projects.

Strengthen the role of Priority Development and Settlement Areas. This will protect existing indigenous ecosystems, as well as support urban regeneration efforts and landscape-scale conservation.

Encourage community involvement and education to inspire shared stewardship of the district's natural spaces.



### PROJECT DETAILS

#### INVESTMENT:

TBC

#### KEY PARTNERS:

Kāi Tahu, developers, local conservation organisations, community groups.

#### KĀI TAHU VALUE ALIGNMENT:

**Whanaukataka** - Family and community focused

**Haere whakamua** - Future focused

**Mauri** - Life force

CONT.



<sup>6</sup> Te mana o te wai refers to the fundamental importance of water. Protecting and restoring water flows and quality in turn protects and restores natural ecosystems, the wider environment, and the communities which depend on this environment.



1.5

## Agrichemical reduction programme

### ACTION:

Reduce agrichemical use across Council operations, prioritising sustainable control methods within parks and roading areas.

### KEY INITIATIVES:

Develop and implement an agrichemical reduction programme with our contractors to reduce reliance on chemical pest control.

Review agrichemical use and alignment with best practices as part of contract renewal processes.

Identify and prioritise opportunities for reduction and innovation, such as alternative vegetation management strategies.

Explore and trial eco-friendly pest and weed control methods to enhance biodiversity and soil health.

Monitor and report on progress to ensure continuous improvement and alignment with best practices.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Roading contractors, parks operations contractors.

#### KĀI TAHU VALUE ALIGNMENT:

**Tikaka** - Appropriate action

**Kaitiakitaka** - Stewardship







1.6

## Rewild and revegetate Council land

### ACTION:

Reduce mowing and implement other rewilding practices on Council land prioritising biodiversity enhancement.

### KEY INITIATIVES:

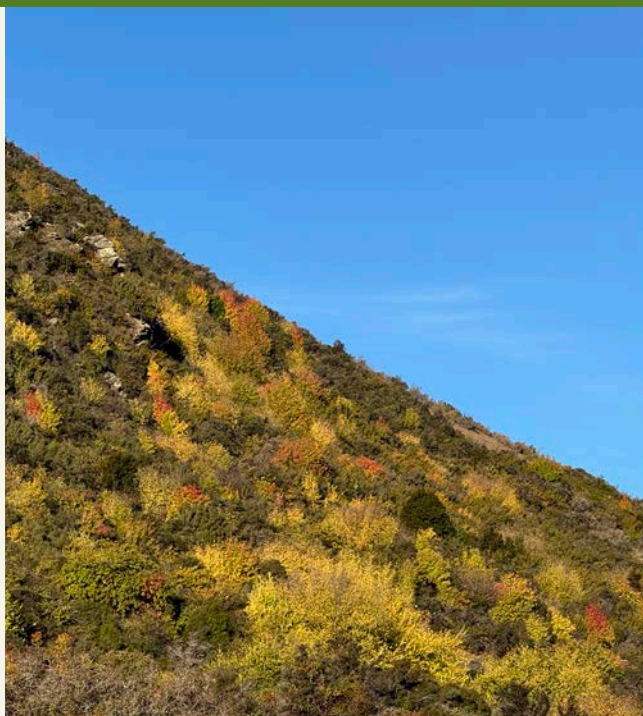
Identify and prioritise reserves or parts of reserves suitable for rewilding practices.

Continue supporting community organisations to revegetate and plant on Council reserves.

Implement planting programmes in areas identified as suitable planting sites.

Monitor and report on progress to ensure continuous improvement and alignment with best practice.

Implement a communication and education plan to support biodiversity enhancement.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Local conservation organisations, community associations, parks contractors.

#### KĀI TAHU VALUE ALIGNMENT:

**Tikaka** - Appropriate action

**Kaitiakitaka** - Stewardship





1.7

## Predator trapping and species monitoring innovation

### ACTION:

Support the trialling and implementing of innovative predator trapping and species monitoring technologies and methodologies. This activity helps with efforts underway across the district to control pests such as ferrets, possums, feral cats and rats in biodiversity hotspots. This work will also support species monitoring and translocation opportunities.

### KEY INITIATIVES:

Support deployment of cutting-edge predator control e.g. AT220 traps and monitoring technologies in priority locations such as Bush Creek, Matakauri Wetlands, and along the trail network.

Support emerging conservation technologies for research and innovation in ecological regeneration in wider catchments.

Use insights from these projects to inform the wider rollout of advanced predator control and biodiversity monitoring across the district.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Southern Lakes Sanctuary, Whakatipu Wildlife Trust, Wānaka Predator Free.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

CONT.







1.8

## Wilding conifer control

### ACTION:

Work in partnership with local wilding control groups to protect the district's unique landscapes and biodiversity from the spread of wilding species. This will be achieved through investment in the control of wildings on Council land, the continuation of provisions in the District Plan to prevent the spread, and the strengthening of partnerships with organisations and community groups.

### KEY INITIATIVES:

#### Wilding species on Council land:

Council is planning the staged removal of wilding species at key Council reserves, combined with revegetation programs. This is to improve biodiversity, reduce the risk of soil erosion, wildfire, and negative impacts on water quality.

#### Strengthening partnerships:

Continue collaborating and supporting the Upper Clutha Wilding Tree Group and the Whakatipu Wilding Control Group to manage and control wilding pines.

#### Supporting community initiatives:

Maintain support for community-led efforts, including engagement programmes like Adopt a Plot initiative on Ben Lomond.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Whakatipu Wilding Conifer Control Group, Upper Clutha Wilding Tree Group, Arrowtown Choppers, DOC, ORC, Toitū Te Whenua Land Information New Zealand.

#### KĀI TAHU VALUE ALIGNMENT:

**Mauri** - Life force

**Whanaukataka** - Family and community focused

**Tikaka** - Appropriate action





1.9

## Cat management

### ACTION:

Explore and implement options to address the impact feral cats have on the native ecosystems and wildlife, as well as ensuring companion and stray cats are protected from viral disease, and their responsible ownership is encouraged to address increasing feral cat numbers. This will include a focus on responsible pet ownership while also tackling the ecological impact of feral cats, that are highly effective predators and a threat to both wildlife and companion cats. Potential options will look to the management and protection of welfare for feral, stray and companion cats.

### KEY INITIATIVES:

Issue identification and analysis of successful cat management approaches from other local authorities to identify the most effective and practical solutions for our district.

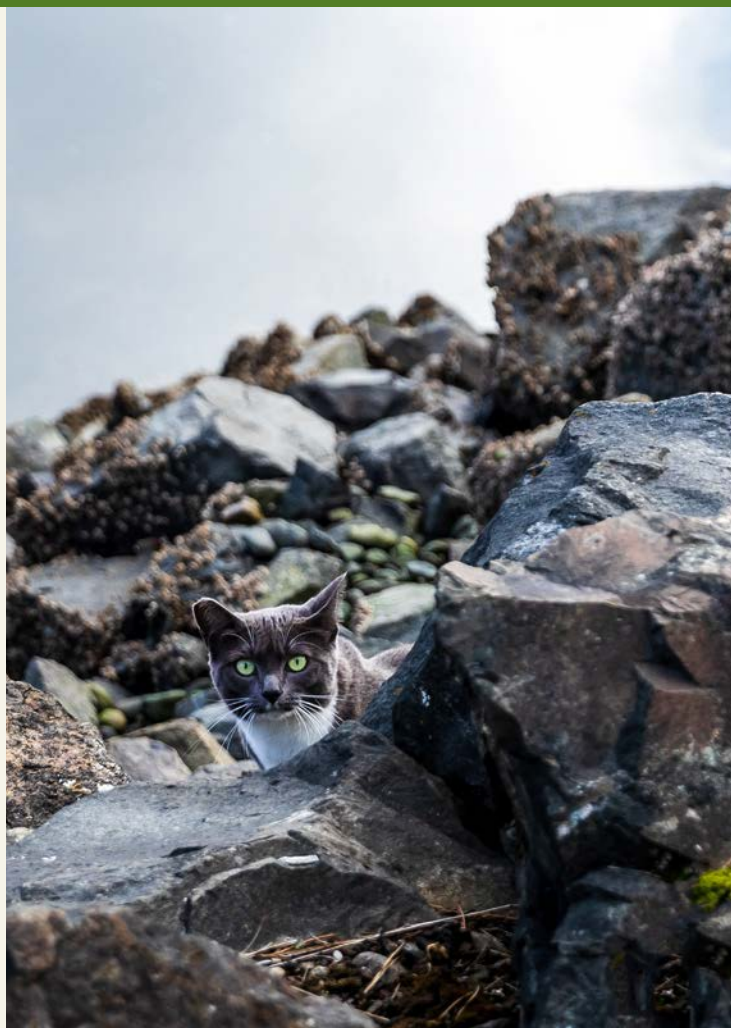
Collaborate with conservation groups, cat welfare organisations, and mana whenua to develop a balanced, community-led approach.

Introduce policy interventions that protect and care for companion cats while reducing feral cat populations and their impact on local ecosystems.

Support an education campaign on responsible cat ownership and the benefits of keeping pets safe at home.

Support targeted actions to mitigate the harm feral cats cause to native species.

Monitor and assess the impact of initiatives on domestic cat welfare and local biodiversity.



### PROJECT DETAILS

#### INVESTMENT:

TBC

#### KEY PARTNERS:

ORC, Whakatipu Wildlife Trust, Southern Lakes Sanctuary, Whakatipu Conservation Alliance.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Kaitiakitaka** - Stewardship

**Tikaka** - Appropriate action

NEW







1.10

## Enhance environmental data sharing

### ACTION:

Collaborate with ORC and other conservation partners to improve collection and sharing of environmental monitoring data to understand the drivers of and pressures on environmental values. This will strengthen our collective ability to protect and restore the mauri of our natural environment.

### KEY INITIATIVES:

Work with partners to establish a shared framework for collecting and integrating district-level ecological health data across domains such as biodiversity, water quality, land use, and climate impacts.

Partner in the development of a digital environmental hub to make data accessible to a wide range of audiences, including community groups, researchers, mana whenua, and decision-makers.

Continue to develop online resources such as Optimal Biodiversity Map and Community Planting maps to showcase the regeneration projects that have been completed and those that are planned.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

ORC, DOC, local conservation organisations.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Whanaukataka** - Family and community focused

CONT.





1.11

## Strengthen the capability of our local conservation groups

### ACTION:

Support the capability development of local conservation groups by providing training, resources, and collaboration opportunities.

### KEY INITIATIVES:

Provide support for professional development skills, such as governance, and funding coordination for staff, volunteers, and board members.

Explore opportunities for shared service models to improve efficiency and resource-sharing across conservation organisations.

Provide funding for workshops and professional development to strengthen conservation skills and knowledge.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

ORC, DOC, local conservation organisations.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Whanaukataka** - Family and community focused



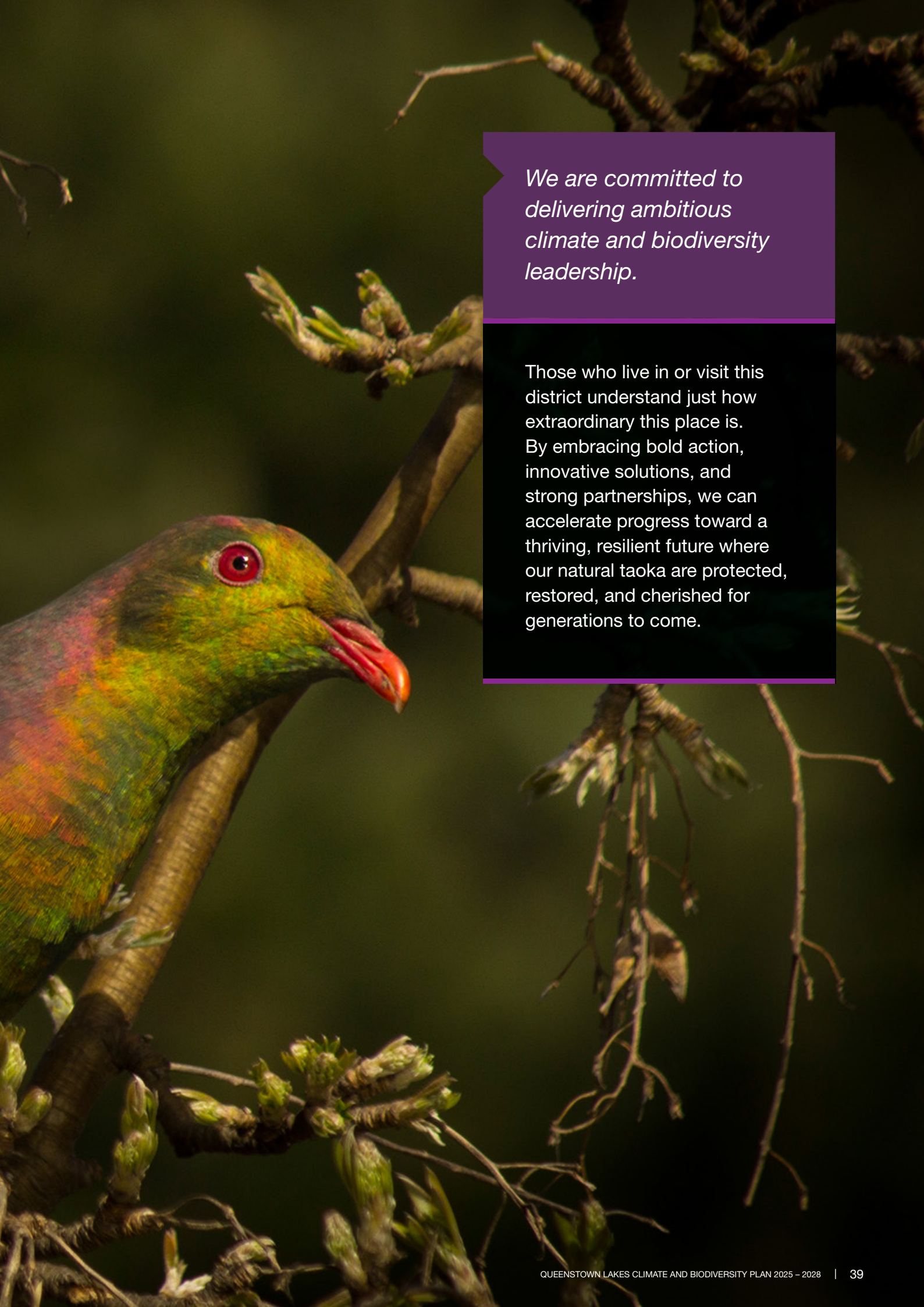






# QLDC demonstrates ambitious climate and biodiversity leadership





*We are committed to delivering ambitious climate and biodiversity leadership.*

Those who live in or visit this district understand just how extraordinary this place is. By embracing bold action, innovative solutions, and strong partnerships, we can accelerate progress toward a thriving, resilient future where our natural taoka are protected, restored, and cherished for generations to come.



For  
information on  
scope 3 emission  
reductions see  
Actions 2.3, 5.1  
& 5.2

## 2.1 Emission reduction investments

### ACTION:

Implement targeted investments and initiatives to reduce Council greenhouse gas (GHG) scope 1 (direct) and scope 2 (indirect purchased electricity) emissions by transitioning to cleaner energy sources and aligning future investment priorities with long-term emissions reduction goals.

### PROGRESS TO DATE:

Investment in Council vehicle fleet electrification, building energy efficiency upgrades, and improved electricity management has produced a 4.4% reduction in scope 1 and 2 emissions (direct energy) between 2019-2024.

### KEY INITIATIVES:

#### Clean heat projects:

Transition water heating systems at Alpine Aqualand, Wānaka Recreation Centre, and Arrowtown Pool from liquefied petroleum gas to cleaner energy sources, reducing reliance on fossil fuels and decreasing operational costs.

#### Energy review:

Conduct a review of energy consumption across Council assets to identify opportunities for improving energy efficiency and reducing associated emissions. Use this information to identify opportunities for efficiency upgrades and investments in solar and battery projects (see Action 4.3).

#### Organisational travel:

Continue to invest in the electrification of the Council vehicle fleet, and reduce emissions from staff commuting through the Organisational Travel Plan.

#### Building efficiency:

Continue to invest in energy efficiency improvements for Council buildings and community facilities.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

External procurement.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Kaitiakitaka** - Stewardship

**Tikaka** - Appropriate action

CONT.







For information on green project management and embodied emissions see Actions 5.1 & 5.2

## 2.2 Embedding climate and biodiversity into Council decision-making

### ACTION:

Embed climate and biodiversity considerations into governance, decision-making, and organisational development.

### PROGRESS TO DATE:

Council has taken steps to embed climate action, resilience planning, and a commitment to the natural environment across its strategic planning framework (see page 16). This work guides the direction of planning in documents such as the Spatial Plan, Long-term Plan and 30 Year Infrastructure Strategy. Independent reviews of the current state of climate and biodiversity decision-making across the organisation, combined with an analysis of global leading practice, have identified opportunities for new tools, frameworks, templates, and training.

### KEY INITIATIVES:

#### Enhance reporting frameworks:

Implement updated Council reporting templates that require climate and biodiversity impact.

#### Governance training:

Provide climate action training for Elected Members to support informed, sustainable decision-making.

#### Develop staff expertise:

Deliver professional development opportunities to build internal capability in climate resilience and biodiversity protection.

#### Align organisational roles:

Update role responsibilities to reflect evolving climate and biodiversity priorities, embedding sustainability across all functions.

**These initiatives will commence in year one of the plan and be reviewed annually as part of the continual improvement process.**



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Internal staff.

#### KĀI TAHU VALUE ALIGNMENT:

**Rakatirataka** - Leadership

**Tikaka** - Appropriate action

**Haere whakamua** - Future focused





## 2.3

# Sustainable procurement

### ACTION:

Integrate best-practice sustainability standards into Council procurement processes. Ensure purchasing decisions are aligned with emissions reduction, sustainability, waste minimisation, and social development objectives of Council.

### KEY INITIATIVES:

#### Standardise sustainable procurement:

Embed globally recognised frameworks like ISO 20400<sup>7</sup> to ensure sustainability is a core consideration in all Council procurement activities.

#### Build knowledge and capability:

Deliver training for staff and suppliers to enhance expertise and practical application of sustainable procurement principles.

#### Sustainability reporting:

Establish robust reporting mechanisms to track and report on the progress and performance of supplier sustainability commitments.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Internal staff.

#### KĀI TAHU VALUE ALIGNMENT:

**Rakatirataka** - Leadership

**Kaitiakitaka** - Stewardship

**Tikaka** - Appropriate action

CONT.







## 2.4

## Organisational greenhouse gas emissions reporting

**ACTION:**

Undertake organisational greenhouse gas (GHG) emissions reporting and achieve annual carbon reduction certification through independent third-party auditing, in accordance with ISO 14064-1:2018<sup>8</sup>.

**PROGRESS TO DATE:**

Council received Toitū Carbon Reduce certification in 2023 and needs to demonstrate a 44% reduction in scope 1 and 2 emissions (against a 2019 baseline) by 2030 to maintain certification.

**KEY INITIATIVES:**

Monitor and report progress annually to track emissions reductions progress.

Update the Council's Emissions Reduction Plan to inform investment priorities for the Long Term Plan 2027-2037.

Assess the viability of including wastewater emissions into targets based on the outcomes of the government's Local Water Done Well plan.

**PROJECT DETAILS****INVESTMENT:****KEY PARTNERS:**

Carbon management consultants, third party auditors.

**KĀI TAHU VALUE ALIGNMENT:**

**Tikaka** - Appropriate action

**Haere whakamua** - Future focused



<sup>8</sup> ISO 14064-1:2018 Greenhouse gases Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals.



## 2.5

# District greenhouse gas emissions reporting

### ACTION:

Undertake district-level GHG reporting to track emissions trends, measure progress toward reduction targets, and inform coordinated climate action planning across the district.

### PROGRESS TO DATE:

Previous district level reporting has been completed by Council in 2017 and 2019 before being transferred to ORC to lead at a regional level. Through agreement this will now be returned to Council to lead.

### KEY INITIATIVES:

#### Delivery:

Undertake a district-level GHG inventory report (minimum of every three years) in accordance with Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC).

#### Collaboration:

Work with local businesses, industries, and government agencies to improve data accuracy and gain a comprehensive understanding of district-wide emissions.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Internal staff, external partners, external procurement.

#### KĀI TAHU VALUE ALIGNMENT:

**Tikaka** - Appropriate action

**Haere whakamua** - Future focused

CONT.







## 2.6

# Climate scenario analysis

### ACTION:

Undertake a climate scenario analysis in line with recognised frameworks e.g. Aotearoa New Zealand Climate Standards (NZCS) to help Council evaluate a range of plausible climate futures, assess district-wide resilience, and plan for emerging risks and opportunities.

### KEY INITIATIVES:

#### Explore potential climate impacts:

Use scenario analysis to identify and evaluate potential climate impacts (including physical and transitional risks) that could impact the district and Council operations.

#### Inform strategic planning:

Integrate scenario outputs into materiality assessments, transition planning, and to provide a foundation for climate risk management frameworks.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Internal staff, Councillors, external experts.

#### KĀI TAHU VALUE ALIGNMENT:

**Rakatirataka** - Leadership

**Haere whakamua** - Future focused





## 2.7

# Climate risk assessment

### ACTION:

Develop a robust climate risk assessment and reporting framework that is aligned with national and international best practices. As climate change impacts intensify across Aotearoa, Council must understand and proactively manage climate-related risks to the district while identifying opportunities for adaptation and resilience.

### KEY INITIATIVES:

#### Establish a climate risk reporting framework:

Develop and implement a structured reporting system that aligns with the Aotearoa New Zealand Climate Standards (NZCS) and best practice guidance.

#### Identify and assess climate risks:

Evaluate climate-related risks and opportunities affecting Council operations, infrastructure, assets, and service delivery.

#### Strengthen alignment and collaboration:

Work with central and regional government, iwi partners, and peer councils to ensure consistent approaches and share knowledge.

#### Embed continuous improvement:

Regularly review and update the framework to reflect evolving science, regulation, and community expectations.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Internal staff, external procurement, Audit, Finance and Risk Committee.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Tikaka** - Appropriate action







## 2.8 Green financing opportunities

### ACTION:

Investigate green financing opportunities for climate action and biodiversity projects. This could include assessing the viability of sustainability grants, accelerator co-funding, green loans, and public-private partnerships to drive investment in nature positive, low-carbon, climate-resilient projects.

### KEY INITIATIVES:

#### Evaluate new funding sources:

Assess government funding, private sector investment, and national and international sustainability grants to support climate and biodiversity projects.

#### Explore green investment:

Explore opportunities for green loans and strategic partnerships to finance projects, and community-led sustainability initiatives.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Internal staff, Local Government Funding Agency, Energy Efficiency and Conservation Authority, financial institutions.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Makaakitaka** - Hospitality

NEW





## 2.9

# Climate insurance strategy

### ACTION:

Conduct a comprehensive review of Council's insurance strategy to ensure adequate coverage for severe weather events and climate-related risks. A proactive, strategic approach to insurance will enhance Council's ability to manage climate-related financial risks and build long-term resilience.

### KEY INITIATIVES:

#### Identify coverage gaps:

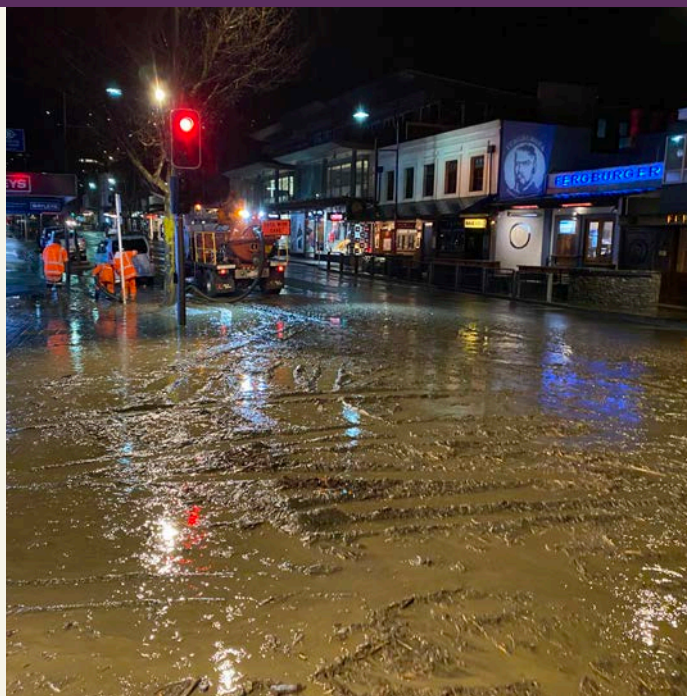
Assess current insurance policies to ensure sufficient protection against climate-related risks, including flooding, storms, and other extreme weather events.

#### Explore new solutions:

Investigate emerging climate risk insurance products and financial instruments to enhance Council's ability to manage potential losses.

#### Strengthen partnerships and best practices:

Collaborate with insurance providers, industry experts, and other local Councils to identify best practices and scalable solutions for climate risk management.



### PROJECT DETAILS

#### INVESTMENT:

TBC

#### KEY PARTNERS:

Internal staff, insurance brokers, insurance providers.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused **Tikaka** - Appropriate action

NEW







# Our communities are ready and prepared for a changing climate







*Our communities are at the heart of climate resilience.*

By sharing knowledge, supporting local initiatives, and taking collective action, we can strengthen our ability to respond to challenges, embrace new opportunities, and protect the deep sense of connection that defines our district. We will help empower our communities with the information, resources, and support they need and ensure a more adaptable, inclusive, and sustainable future for all.





## 3.1

## Preserving our cultural and natural heritage

**ACTION:**

Collaborate with the Preserving Legacies Project which has selected Tāhuna Glenorchy as an international climate adaptation heritage site. This global initiative, launched in 2023, empowers communities to protect cultural and natural heritage from climate change by providing scientific knowledge and technical training. In March 2025, Tāhuna Glenorchy was officially accepted into the program.

**KEY INITIATIVES:****Support local leadership:**

Assist appointed site custodians as they receive training in global best practices for climate adaptation and heritage protection.

**Enhance local adaptation:**

Work with site custodians to apply this knowledge locally.

**Preserve cultural landscapes:**

Develop tailored strategies to safeguard iconic landmarks and heritage sites.

**Community engagement:**

Collaborate with local groups to create climate models that visualise future hazards and inform planning.


**Storytelling:**

Utilise storytelling methods to share knowledge, explain the challenges, and inspire action.

**Foster global connections:**

Build international networks among heritage professionals to share expertise and best practices.

For more information visit

 [www.heritageadpts.org](http://www.heritageadpts.org)

**PROJECT DETAILS****INVESTMENT:****KEY PARTNERS:**

Preserving Legacies Project team, site custodians.

**KĀI TAHU VALUE ALIGNMENT:**

**Kaitiakitaka** - Stewardship

**Haere whakamua** - Future focused







## 3.2 Ensuring a just transition

### ACTION:

Strengthen partnerships between Council, Kāi Tahu, local kaupapa Māori organisations, social service providers, Te Whatu Ora, NZ Public Health, and social investment groups to ensure a just and inclusive transition<sup>9</sup> to a low-emissions, climate-resilient future. By working alongside iwi, Māori organisations, and community agencies, we aim to better understand and address the social and economic challenges of this transition.

### KEY INITIATIVES:

#### Address energy hardship:

Support social service agencies and iwi to assess the scale of energy hardship in the district and support community-led solutions to improve energy resilience.

#### Support workforce transition:

Collaborate with industry partners to explore upskilling and reskilling opportunities in renewable energy, sustainable construction, regenerative agriculture, and conservation.

#### Engage and educate newcomers:

Implement initiatives to inform, educate, and support newcomers in embracing the district's sustainability goals.

#### Healthy homes:

Work with QLDC Libraries and other agencies to provide access to Healthy Home Kits, helping renters and homeowners identify issues such as dampness, insulation gaps, and energy inefficiencies.



### PROJECT DETAILS

#### INVESTMENT:



#### TIMEFRAME:

2025-2028

#### KEY PARTNERS:

Kāi Tahu, KUMA (Te Kupeka Umaka maori kin Araiteuru), Mana Tāhuna, Ministry of Social Development, Lakes Multicultural Collective, Salvation Army, Happiness House, Community Link Upper Clutha, Wao, Te Whatu Ora, local social service organisations.

#### KĀI TAHU VALUE ALIGNMENT:

**Whanaukataka** - Family and community focused

**Makaakitaka** - Hospitality

NEW



<sup>9</sup> A just transition is an inclusive approach to climate action that ensures the shift to a low-emissions, climate-resilient future is fair and equitable. It recognises that the impacts and opportunities of this transition are not felt equally, and actively works to protect the wellbeing of workers, communities, iwi/Māori, and vulnerable groups.



## 3.3

## Community Resilience Groups

**ACTION:**

In partnership with Emergency Management Otago, accelerate the growth and capability development of Community Resilience Groups to ensure communities across the district are well-prepared for major emergency events.

**PROGRESS TO DATE:**

A network of 17 Community Resilience Groups has been established across the district, helping to build local readiness for emergencies and climate-related events. These groups have been supported through education workshops, technical training sessions, and the distribution of Community Emergency Preparedness brochures and locally tailored Resilience Plans. In 2024, more than \$40,000 worth of emergency equipment was supplied in partnership with Central Lakes Trust, to groups including generators, EcoFlow batteries, lighting, heaters, whiteboards, first aid kits, and large gearboxes. This investment builds on a \$60,000 co-investment the previous financial year for VHF radio equipment.

**KEY INITIATIVES:****Enhance communication and coordination:**

Launch a dedicated information hub and communications plan to support information sharing, volunteer coordination, and community engagement across the groups.

**Expand emergency training:**

Continue to provide technical training programmes, such as first aid, Community Emergency Hub management, and essential preparedness skills.

**Increase resilience investments:**

Accelerate investment in backup power, emergency communication tools, and critical equipment to improve the functionality and preparedness of Community Emergency Hubs.

**Strengthen support for culturally diverse communities:**

Enhance emergency preparedness across culturally and linguistically diverse communities to ensure inclusive and equitable support during emergency events.

This action supports the delivery of the Emergency Management Otago Community Resilience Strategy.

[www.otagocdem.govt.nz/media/1649/emo-community-resilience-strategy.pdf](http://www.otagocdem.govt.nz/media/1649/emo-community-resilience-strategy.pdf)

For more information visit

[www.otagocdem.govt.nz/get-your-community-ready](http://www.otagocdem.govt.nz/get-your-community-ready)

**PROJECT DETAILS****INVESTMENT:****KEY PARTNERS:**

Emergency Management Otago, Community Resilience Groups, Central Lakes Trust, Kāi Tahu, New Zealand Red Cross, emergency services, health organisations, local businesses.

**KĀI TAHU VALUE ALIGNMENT:**

**Whanaukataka** - Family and community focused

**Makaakitaka** - Hospitality







## 3.4

## Community adaptation - Head of the Lake natural hazards

### ACTION:

Partner with ORC and Glenorchy community to implement adaptation actions from the Head of the Lake Adaptation Strategy to address the climate-related hazards facing the community at the head of Lake Whakatipu.

### PROGRESS TO DATE:

Over the past three years, significant progress has been made in assessing natural hazard risks in Glenorchy and the wider head of the lake area. This includes the completion of reports such as the Glenorchy Natural Hazards Risk Assessment, Socio-Economic Impact Study, and Dart-Rees Flood Hazard Study, which provide a detailed understanding of flooding, alluvial fan activity, landslides, and seismic risks. Twelve community workshops and more than 40 newsletter updates have been delivered to inform residents and gather input for the Head of the Lake Adaptation Strategy, which is now being finalised to guide future investment and resilience planning.

### KEY INITIATIVES:

#### Governance:

Develop a governance framework with ORC to oversee the long-term delivery of adaptation actions.

#### Hazard monitoring:

Ongoing hazard monitoring and data collection to track changes in the landscape and establish trigger points for adaptation measures.

#### Strategic alignment:

Ensure alignment of the Adaptation Strategy with Council Long Term Plan, Spatial Plan, District Plan, and other policies.

#### Resilience investments:

Deliver resilience projects, including Shepherds Hut Creek, Glenorchy stop bank upgrades, and maintenance of the Glenorchy jetty and marina.


#### Consenting:

Integrate the hazard reports and natural hazard risk data into resource and building consent processes.

#### Land-use planning:

Evaluate the outputs from the Adaptation Strategy to support future land use zoning and planning guidelines to help manage the evolving risk profile of the area.

For more information visit

 [www.orc.govt.nz/get-involved/projects-in-your-area/head-of-lake-whakatipu](https://www.orc.govt.nz/get-involved/projects-in-your-area/head-of-lake-whakatipu)



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

ORC, Kāi Tahu, Emergency Management Otago, DOC, local community, local businesses.

#### KĀI TAHU VALUE ALIGNMENT:

**Whanaukataka** - Family and community focused

**Haere whakamua** - Future focused

**Tikaka** - Appropriate action





## 3.5

## Community adaptation - wildfire hazards

### ACTION:

Strengthen wildfire risk reduction efforts across the district to mitigate the increasing threat of wildfires due to climate change. Council will continue implementing proactive measures to protect people, property, and ecosystems from heightened fire risks.

### PROGRESS TO DATE:

Over the past three years, Council has enhanced wildfire preparedness by developing fire risk management protocols for Council reserve land, working closely with stakeholders to identify strategic vegetation management programmes, and investing in an environmental monitoring network. Collaborative efforts with Fire and Emergency New Zealand (FENZ), ORC, and local community groups have helped improve fire response coordination, public awareness, and fuel load reduction strategies.

### KEY INITIATIVES:

#### Risk-based controls:

Continue to improve risk-based fire management protocols for Council reserves with key partners and stakeholders.

#### Vegetation management:

Progress work programmes for strategic vegetation management, including targeted fuel load reduction and replanting with fire-resistant native species.

#### Environmental monitoring:

Leverage the environmental monitoring network to improve real-time wildfire risk assessment and support emergency response coordination.

#### Partnerships:

Strengthen partnerships with FENZ, ORC, and support agencies to improve fire prevention, response, and recovery strategies.

#### Public information:

Improve public awareness and preparedness through targeted education campaigns on fire risk reduction and emergency evacuation planning.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

FENZ, Emergency Management Otago, reserve leaseholders, community.

#### KĀI TAHU VALUE ALIGNMENT:

**Whanaukataka** - Family and community focused

**Mauri** - Life force

**Tikaka** - Appropriate action







## 3.6

## Strengthen the resilience of our local food system

**ACTION:**

Partner with the Southern Lakes Kai Collective to implement a strategic roadmap of projects and initiatives to develop a more resilient, sustainable and community-driven local food system.

**PROGRESS TO DATE:**

The Wao Food Resilience Project in Queenstown Lakes has made significant progress in strengthening local food security. In 2023, it completed a research phase, including surveys, stakeholder interviews, and a hui to develop a roadmap for food resilience. Insights from this work were compiled into the 2023 Food Resilience Report, outlining the current food system and future opportunities. Building on this, Wao launched the Southern Lakes Kai Collective to support community-driven, sustainable food solutions, with a vision of fostering long-term food resilience in the district.

**KEY INITIATIVES:****Expand local food production:**

Support efforts to increase the scale of community gardens, food forests, and sustainable agriculture initiatives on public land.

**Public education:**

Promote food resilience through education campaigns that encourage local food growing, sharing, and sustainable food practices.

**Emergency planning:**

Develop an emergency food charter with protocols for ensuring food access during major emergencies.

**Diversion of food and organic waste from landfill:**

Support behaviour change initiatives in the Waste Management and Minimisation Plan (WMMP) that prevent food losses within the local food system and divert organic waste from landfill<sup>10</sup>.

**PROJECT DETAILS****INVESTMENT:****KEY PARTNERS:**

Southern Lakes Kai Collective, Wao.

**KĀI TAHU VALUE ALIGNMENT:**

**Makaakitaka** - Hospitality

**Whanaukataka** - Family and community focused

**Haere whakamua** - Future focused



<sup>10</sup> Each year, around 16,000 tonnes of organic waste go to landfill—13,000 tonnes of which are food scraps and garden waste, making up 27% of total waste. In landfill, this material produces methane, a potent greenhouse gas. Composting instead turns organic waste into a valuable resource that improves soil, reduces the need for fertilisers, and cuts emissions. The Waste Management and Minimisation Plan prioritises food waste diversion and expanding composting options across the district.



## 3.7

## Exploring Kaupapa Māori food projects

### ACTION:

Support Kāi Tahu and local kaupapa Māori organisations in strengthening food sovereignty for iwi, protecting mahika kai sites and practices, and embedding mātauraka Kāi Tahu to promote sustainable harvesting practices.

### KEY INITIATIVES:

#### Mahika kai:

Work alongside Kāi Tahu whānau, papatipu rūnaka, and local communities to protect mahika kai sites and practices, ensuring they thrive for future generations.

#### Sustainable kai projects:

Support Kaupapa Māori food initiatives that promote regenerative agriculture, innovative food technology, and wild food harvesting, fostering a resilient, locally driven food system.

#### Sustainable harvesting practices:

Support efforts to enhance knowledge-sharing and practical opportunities for sustainable foraging, ethical harvesting, and the responsible use of wild game and pest species to strengthen food security.

#### Emergency planning:

Support iwi-led food security initiatives in emergency response and recovery by partnering with mana whenua to establish resilient food distribution networks that integrate mātauraka Kāi Tahu into emergency food planning.



Photo credit: Wao

### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Kāi Tahu whānau, Papatipu Rūnaka, Mana Tahuna, Te Tapu o Tane.

#### KĀI TAHU VALUE ALIGNMENT:

**Whanaukataka** - Family and community focused

**Makaakitaka** - Hospitality

**Haere whakamua** - Future focused

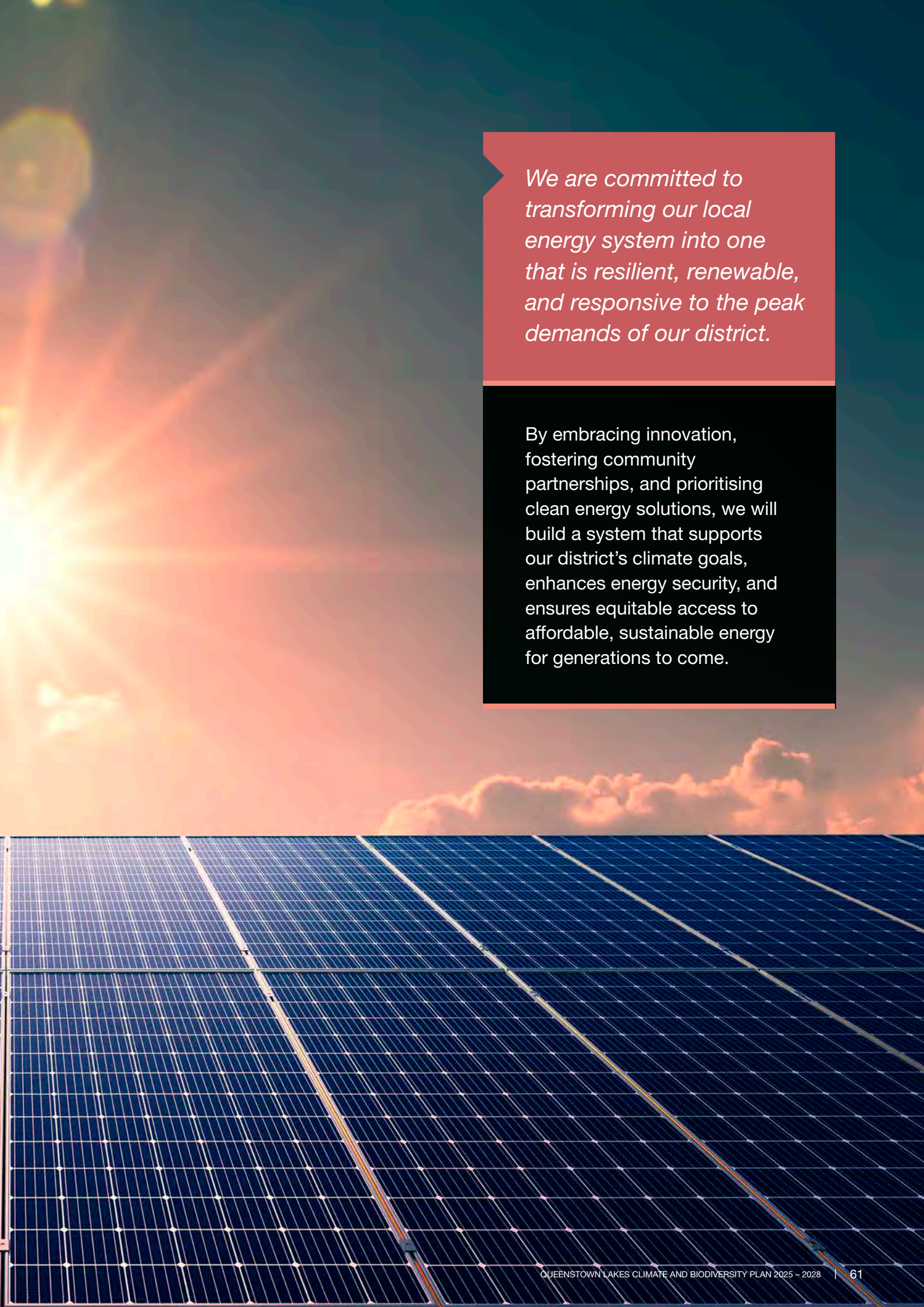






**Our energy  
system is resilient,  
renewable and  
responsive**





*We are committed to transforming our local energy system into one that is resilient, renewable, and responsive to the peak demands of our district.*

By embracing innovation, fostering community partnerships, and prioritising clean energy solutions, we will build a system that supports our district's climate goals, enhances energy security, and ensures equitable access to affordable, sustainable energy for generations to come.





4.1

## Supercharge the rollout of residential solar and batteries

### ACTION:

Support the launch of a pilot Ratepayer-Assisted Scheme (RAS) to accelerate the adoption of rooftop solar and battery storage across the district, thereby enhancing energy resilience and contributing to sustainable economic growth.

### KEY INITIATIVES:

#### Financial accessibility:

Partner into the RAS scheme to help provide access to long-term, low-interest loans for the installation of solar panels and battery systems on rateable properties.

#### Strategic partnerships:

Collaborate with local energy providers, training institutes and technology firms to ensure integration across the sector and alignment with the district's economic diversification goals.

#### Pilot evaluation:

Conduct comprehensive monitoring and evaluation of the pilot program to assess its impact on energy consumption, cost savings, and grid reliability.

#### Smart energy solutions:

Leverage the rollout to promote the adoption of smart energy management technologies at a community level to optimise electricity consumption, reduce costs, and minimise reliance on high-emission peak generation.



### PROJECT DETAILS

#### INVESTMENT:

TBC

#### KEY PARTNERS:

Rewiring Aotearoa, Local Government Funding Agency, Ara Ake, central government.

#### KĀI TAHU VALUE ALIGNMENT:

**Whanaukataka** - Family and community focused

**Haere whakamua** - Future focused

NEW







## 4.2

# Empowering community-led electrification

### ACTION:

Partner with Rewiring Aotearoa and industry stakeholders to support community electrification groups in Wānaka and Queenstown as they drive local energy transition efforts.

### KEY INITIATIVES:

#### Public education and engagement:

Support community electrification groups to deliver workshops, outreach campaigns, and community events that raise awareness and provide practical guidance on electrification and energy efficiency.

#### Advisory services:

Support efforts to establish an advisory service to provide residents and businesses with up-to-date, independent technical guidance on solar panel and battery options, system design, and installation best practices.

#### Community-led decarbonisation:

Support community-led efforts to replace fossil fuel-dependent appliances and equipment (such as gas heaters, water heaters, and petrol-powered tools) with energy-efficient, electric alternatives.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Rewiring Aotearoa, Ara Ake.

#### KĀI TAHU VALUE ALIGNMENT:

**Whanaukataka** - Family and community focused

**Haere whakamua** - Future focused

**Mauri** - Life force





4.3

## Accelerator projects

### ACTION:

Collaborate with industry partners to support the installation of innovative demonstration projects on Council-owned land and properties. These will showcase sustainable energy technologies and inspire wider adoption across the district.

### KEY INITIATIVES:

#### Council facility upgrades:

Identify opportunities to install solar panels and battery storage systems on Council facilities such as recreation centres, community halls, and libraries.

#### Community-scale projects:

Explore and support community-scale energy solutions, such as the installation of public EV chargers, bulk-buy programmes, and the potential for grid-scale Battery Energy Storage Systems to enhance local energy resilience and sustainability.



### PROJECT DETAILS

#### INVESTMENT:

TBC

#### KEY PARTNERS:

Rewiring Aotearoa, Ara Ake, EECA, industry partners.

#### KĀI TAHU VALUE ALIGNMENT:

Haere whakamua - Future focused

NEW







4.4

## National regulatory reform

### ACTION:

Advocate for central government regulatory reform to help accelerate the rollout of small- and community-scale renewable energy solutions across the district.

.....

This could include the removal of national regulatory barriers to enable faster deployment of localised energy systems. For example, introduction of two-way electricity tariffs that reward households and businesses for exporting renewable energy to the grid, especially during periods of peak demand.

.....



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Rewiring Aotearoa, Are Ake, industry partners.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Tikaka** - Appropriate action





## 4.5

## Local regulations review

**ACTION:**

Ensure the District Plan<sup>11</sup> and consenting processes support small- and community-scale renewable energy projects, while maintaining protection for Outstanding Natural Landscapes and other nationally significant areas.

**KEY INITIATIVES:****Collaborative policy development:**

Establish an energy advisors working group to co-design regulatory improvement recommendations.

**District Plan alignment:**

Integrate recommended renewable energy objectives into the next District Plan Chapter 30 Energy review.

**Develop improved guidance:**

Publish recommended technical guidance resources to reduce application complexity and consent processing time.

**Monitoring and feedback:**

Implement a tracking system for consent outcomes to refine future regulation review.

**PROJECT DETAILS****INVESTMENT:**

TBC

**KEY PARTNERS:**

Internal staff, Rewiring Aotearoa, Are Ake, industry partners.

**KĀI TAHU VALUE ALIGNMENT:**

**Haere whakamua** - Future focused

**Tikaka** - Appropriate action

NEW



<sup>11</sup> Whilst the District Plan prioritises renewable energy sources over non-renewable sources giving effect to the National Policy Statement for Renewable Electricity Generation 2011, large areas of the district are protected under section 6 of the Resource Management Act 1991 as Outstanding Natural Landscapes or other matters of national importance.

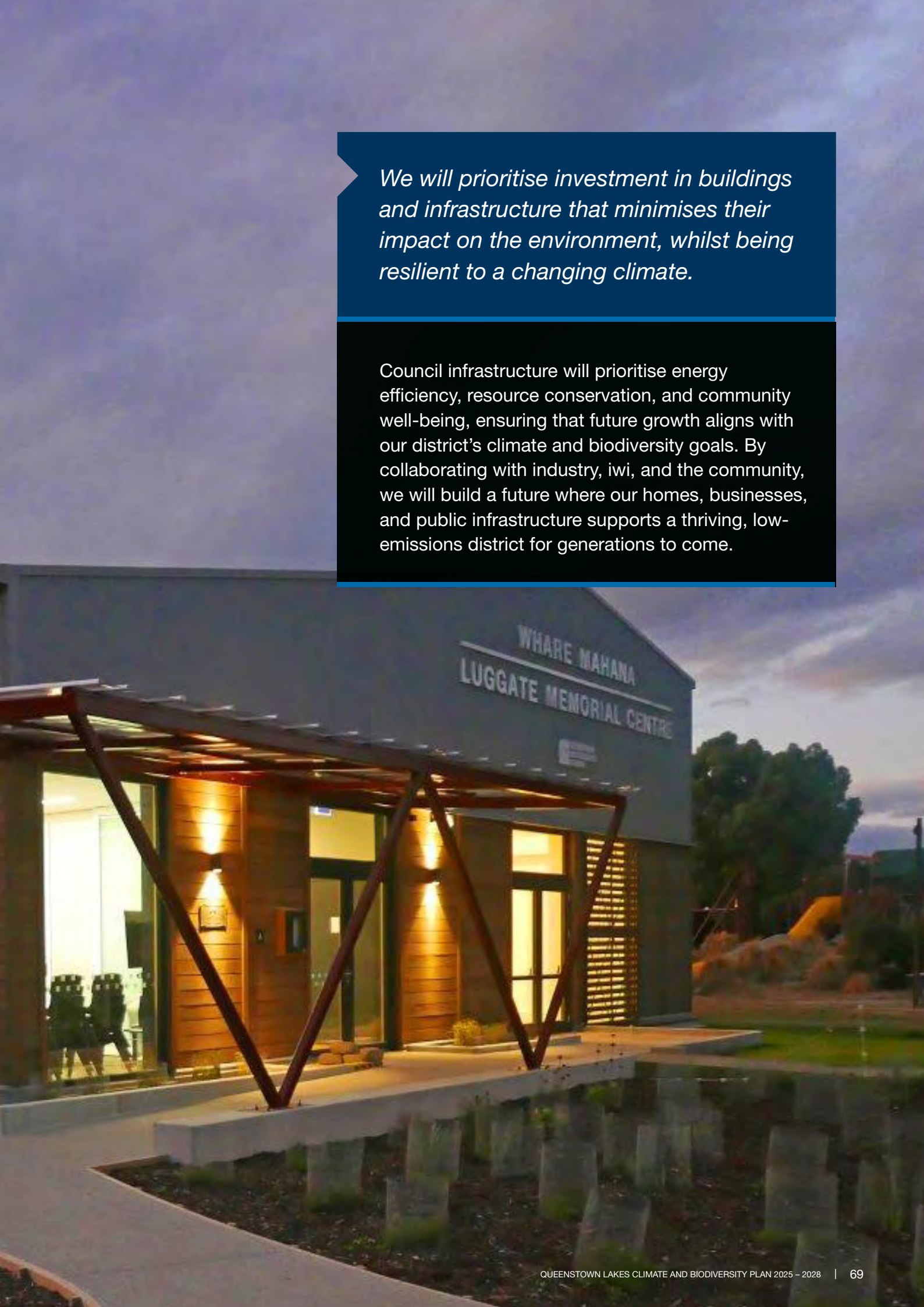




**Our built  
environment is  
resilient with low  
environmental  
impact**







*We will prioritise investment in buildings and infrastructure that minimises their impact on the environment, whilst being resilient to a changing climate.*

Council infrastructure will prioritise energy efficiency, resource conservation, and community well-being, ensuring that future growth aligns with our district's climate and biodiversity goals. By collaborating with industry, iwi, and the community, we will build a future where our homes, businesses, and public infrastructure supports a thriving, low-emissions district for generations to come.



## 5.1

## Sustainable project management

**ACTION:**

Embed sustainable project management practices aligned with international best practice throughout the lifecycle of capital projects to reduce environmental impacts and enhance long-term sustainability.

**KEY INITIATIVES:****Sustainability tools and frameworks:**

Incorporate carbon assessment platforms, biodiversity impact assessments, and other sustainability tools into project planning and decision-making.

**Capacity building:**

Provide training and resources to upskill staff, contractors, and governance decision-makers in sustainable project management practices.

**Sustainability management plans:**

Embed sustainability management plans into all phases of project planning and delivery to ensure a structured and measurable approach to reducing environmental impact.

**Enhanced project reporting:**

Integrate sustainability metrics into project reporting to track progress, measure impact, and drive continuous improvement.

**Whole-of-life carbon evaluation:**

Require projects with moderate to high climate impact to assess and minimise whole-of-life emissions, ensuring informed decision-making for long-term sustainability.

**PROJECT DETAILS****INVESTMENT:****KEY PARTNERS:**

Internal staff, industry partners, external consultants.

**KĀI TAHU VALUE ALIGNMENT:**

**Rakatirataka** - Leadership

**Kaitiakitaka** - Stewardship

**Tikaka** - Appropriate action





## 5.2 Best practice carbon management

### ACTION:

Embed best practice carbon management standards, such as PAS 2080:2023, into all stages of infrastructure planning and delivery to track, reduce, and manage whole-of-life carbon in major capital works projects.

### PROGRESS TO DATE:

QLDC has been a leader in assessing and managing embodied carbon within local government infrastructure. The Carbon Baseline Project with Mott MacDonald provided a foundational understanding of emissions associated with capital works, informing targeted reduction strategies. To support data-driven decision-making, Council has adopted carbon assessment tools such as the Moata Carbon Portal, to track emissions across infrastructure planning and delivery. Additionally, project-specific carbon assessments for major developments such as the Shotover Wastewater Treatment Plant upgrade, have highlighted opportunities to reduce whole-of-life carbon impacts, setting a strong precedent for future projects.

### KEY INITIATIVES:

#### Whole-of-life carbon reduction:

Implement robust processes to assess and minimise carbon emissions at every stage of a project from material sourcing and construction to operation and end-of-life, enabling informed decision-making that lowers both embodied carbon and long-term operational costs.

#### Industry collaboration and leadership:

Strengthen partnerships across the value chain including designers, constructors, and suppliers, to drive innovation, share best practice and accelerate the implementation of low-carbon infrastructure solutions.

#### Low-carbon and circular construction:

Regularly update the Approved Materials Register to prioritise low-carbon construction materials and encourage circular economy practices, such as using recycled or repurposed materials in infrastructure projects.



### PROJECT DETAILS

#### INVESTMENT:

TBC

#### KEY PARTNERS:

Industry partners, external consultants.

#### KĀI TAHU VALUE ALIGNMENT:

**Rakatirataka** - Leadership

**Haere whakamua** - Future focused

CONT.





### 5.3

## Designing for climate resilience

### ACTION:

Embed climate resilience into infrastructure strategic planning and engineering codes of practice to future proof for a changing climate.

### PROGRESS TO DATE:

Council has committed to the resilience of its infrastructure through the Long-Term Plan 2024-2034 and 30 Year Infrastructure Strategy. These documents highlight the importance of proactive investments, such as upgrading critical assets to withstand extreme weather events. Investment in the maintenance and renewal programmes are also a focus area.

### KEY INITIATIVES:

#### Infrastructure strategy:

Integrate the outputs from the actions relating to Climate Scenario Analysis (2.6) and Climate Risk Assessment (2.7) into the next 30 Year Infrastructure Strategy to ensure climate risk, resilience, and adaptation remain central to long-term investment planning.

#### Adaptive planning for climate change:

Apply the Dynamic Adaptive Planning Pathways framework where appropriate to ensure climate adaptation trigger points are well understood, allowing for proactive and flexible infrastructure responses.

#### Strengthening engineering standards:

Embed best-practice climate mitigation, adaptation, and biodiversity protection measures into Council's Land Development and Subdivision Code of Practice to ensure all new developments align with sustainability goals.

#### Resilient asset renewal planning:

Continuously update asset renewal plans based on the actions associated with climate scenario analysis (2.6) and climate risk assessments (2.7) to strengthen long-term resilience.

#### Enhancing biodiversity and nature-based solutions:

Integrate biodiversity-enhancing measures and nature-based solutions, such as native planting for habitat regeneration, wetlands for stormwater management, and permeable infrastructure, into infrastructure investment planning and project delivery.



### PROJECT DETAILS

#### INVESTMENT:

TBC

#### KEY PARTNERS:

Industry partners, developers, external consultants, community.

#### KĀI TAHU VALUE ALIGNMENT:

Rakatirataka - Leadership

Haere whakamua - Future focused

CONT.







## 5.4

## Promoting a better building standard

**ACTION:**

Partner with the Better Building Working Group to implement a comprehensive education and outreach programme that empowers the community and building industry to adopt climate-smart, resilient, and healthy construction practices.

**KEY INITIATIVES:****Industry collaboration and innovation:**

Foster partnerships among builders, developers, architects, and industry professionals to drive innovation in low-carbon, energy-efficient, and climate-resilient construction.

**Training and capacity building:**

Deliver training, workshops, and resources to upskill industry professionals and homeowners in sustainable design, energy efficiency, and building performance.

**Circular economy and sustainable materials:**

Support the Waste Management and Minimisation Plan (WMMP) to promote the use of sustainable, locally sourced materials, encourage waste reduction, and support construction practices that extend building longevity and reduce environmental impact<sup>12</sup>.

**Scaling best practices:**

Work alongside the building sector, NZ Green Building Council, Superhome Movement and other advocacy organisations to accelerate the adoption of cutting-edge sustainable building technologies and methodologies.

For more information visit

[www.wao.co.nz/better-building](http://www.wao.co.nz/better-building)

**PROJECT DETAILS****INVESTMENT:****KEY PARTNERS:**

Wao, local building industry stakeholders, NZ Green Building Council, Better Building Working Group Superhome Movement, community.

**KĀI TAHU VALUE ALIGNMENT:**

**Whanaukataka** - Family and community focused

**Haere whakamua** - Future focused



<sup>12</sup> Currently, construction and demolition waste accounts for around a third of all material sent to Victoria Flats Landfill from Queenstown Lakes District - over 16,000 tonnes each year. This is highlighted as a priority area for action in the WMMP including best practice initiatives to drive change in the building and construction industry, development of regulatory tools, services and facilities for construction waste diversion, industry research, and monitoring and data collection.



## 5.5

## Sustainable Council buildings

### ACTION:

Implement eco-design principles, low-impact construction methods, and renewable energy integration in Council-led building projects to minimise environmental impact, enhance resilience, improve long-term efficiency, and reduce operation costs.

### PROGRESS TO DATE:

Council has made significant strides in advancing sustainable building practices, with a focus on energy efficiency, low-carbon design, and resilience. A major achievement is the Luggate Memorial Centre | Whare Mahana, the first community building in Aotearoa New Zealand built to the Passive House standard. In 2023, it received the Southern Architecture Award in the Public Architecture category from the New Zealand Institute of Architects. The success of Luggate Hall reinforces the importance of eco-design principles, renewable energy integration, and low-impact construction.

### KEY INITIATIVES:

#### Whole-of-life sustainability:

Embed lifecycle assessment into project decision-making, ensuring a balance between upfront capital costs and long-term benefits, including energy efficiency, operational savings, and reduced maintenance requirements.

#### Renewable energy integration:

Prioritise the installation of solar photovoltaic, battery storage, and other renewable energy solutions in new and refurbished Council buildings to reduce reliance on fossil fuels and enhance energy resilience. See Action 4.3.

#### Innovative and low impact construction:

Partner with local experts, industry leaders, and suppliers to champion sustainable building innovations, drive the adoption of low-carbon materials, and promote circular economy practices in Council projects.



### PROJECT DETAILS

#### INVESTMENT:

TBC

#### KEY PARTNERS:

Community, construction partners, external consultants.

#### KĀI TAHU VALUE ALIGNMENT:

**Rakatirataka** - Leadership

**Haere whakamua** - Future focused

**Makaakitaka** - Hospitality

CONT.







## 5.6

## Promoting responsible water usage

**ACTION:**

Deliver the Water Demand Management Plan to ensure sustainable use and conservation of water resources across the district<sup>13</sup>.

**PROGRESS TO DATE:**

QLDC has undertaken smart water meter trials in Luggate, Glenorchy and Hāwea to test water metering and leak detection technologies. These trials have provided valuable insights that will inform updates to the district-wide Water Demand Management Plan, including improving monitoring, identifying water loss, and encouraging responsible usage.

**KEY INITIATIVES:****Targeted water management:**

Evaluate volumetric charging options for high-risk water schemes to minimise water loss, improve water and energy efficiency, and encourage responsible consumption.

**Policy interventions:**

Investigate other policy interventions to support and incentivise responsible water usage across the district.

**Sustainable building and landscaping:**

Promote water-efficient building standards, rainwater harvesting, greywater recycling, and drought-resistant planting to support conservation efforts.

**Community engagement and incentives:**

Run education campaigns and incentive programmes to encourage residents and businesses to adopt water-saving behaviours.

**PROJECT DETAILS****INVESTMENT:**

TBC

**KEY PARTNERS:**

Industry partners, WAI Wānaka, community partners.

**KĀI TAHU VALUE ALIGNMENT:**

**Haere whakamua** - Future focused

**Mauri** - Life force

**Whanaukataka** - Family and community focused

CONT.



<sup>13</sup> This action is conditional on the outcomes of the Government's Local Water Done Well plan.



## 5.7

## Strengthening stormwater resilience

### ACTION:

Develop and implement integrated stormwater catchment management plans across the district to ensure a science-based, nature-positive approach to stormwater management.

### PROGRESS TO DATE:

Council has made significant investments in stormwater management, with a strong focus on improving resilience to future climate impacts. Extensive stormwater modelling has been conducted across the Wānaka and Whakatipu basins, providing valuable insights into flood risk and system performance under varying conditions. This data has guided strategic investments in stormwater infrastructure, ensuring that new and upgraded systems are built to withstand predicted increases in rainfall due to climate change.

### KEY INITIATIVES:

#### Collaborative planning:

Engage with mana whenua, local communities, and environmental experts to integrate mātauraka Kāi Tahu, ecological knowledge, and community priorities into stormwater management solutions.

#### Climate-resilient infrastructure:

Integrate future rainfall variability, extreme weather adaptation, and urban growth pressures into stormwater infrastructure planning.

#### Nature-based solutions:

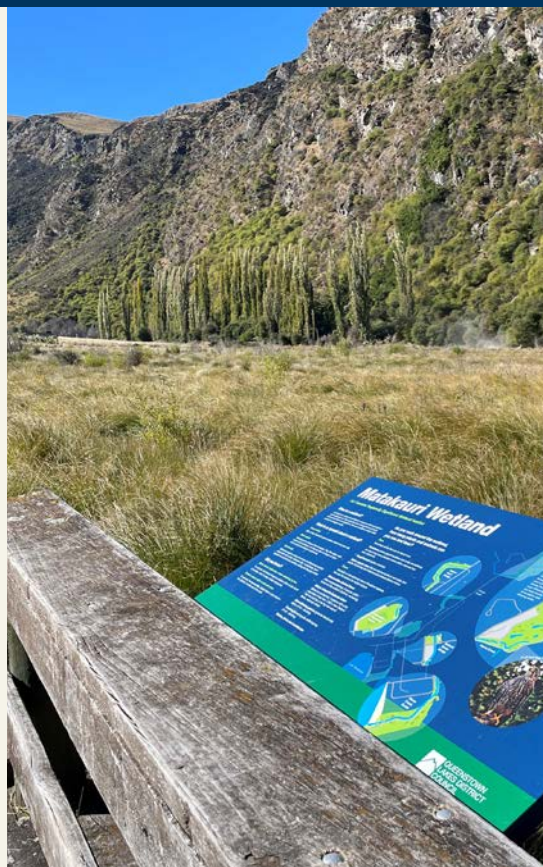
Prioritise nature-based solutions, including water sensitive urban design, to improve water quality, climate resilience, and support biodiversity.

#### Measurable impact:

Set clear targets for water quality improvements, flood risk reduction, and ecological regeneration within stormwater catchments.

#### Robust monitoring programme:

Work with ORC, local communities and other key stakeholders to implement a robust water monitoring programme.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Industry partners, Wāi Wanaka, community partners.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Rakatirataka** - Leadership

**Mauri** - Life force

CONT.







## 5.8

## Supporting community-led water initiatives

### ACTION:

Collaborate with Kāi Tahu, WAI Wānaka, Mana Tāhuna, Friends of Lake Hayes, ORC and others to accelerate catchment -scale planning and community-led initiatives that enhance freshwater health, biodiversity, and climate resilience.

### KEY INITIATIVES:

#### Support community action:

Work with partners to support community-led projects and initiatives that are focused on water quality improvement and catchment regeneration. Examples include riparian planting, invasive species control, citizen science, water quality monitoring, and adopt a drain.

#### Integrated catchment planning:

Collaborate with partners on initiatives such as the Upper Lakes Integrated Catchment Management Group to develop community-led, catchment-level strategies and work programmes.

#### Facilitate knowledge sharing:

Coordinate resources, technical expertise, and funding opportunities. Draw on ORC's Deep Lakes Technical Advisory Group to support local groups in enhancing their environmental efforts including monitoring and data collection.

#### Community education and engagement:

Support local communities, schools, and volunteers through education programmes that encourage participation in environmental regeneration and climate adaptation.

For more information visit

- [www.wao.co.nz/better-building](http://www.wao.co.nz/better-building)
- [upper-lakes-orc.nz.hub.arcgis.com](http://upper-lakes-orc.nz.hub.arcgis.com)
- [waiwanaka.nz/community-collaboration](http://waiwanaka.nz/community-collaboration)
- [www.savelakehayes.org.nz](http://www.savelakehayes.org.nz)
- [www.manatahuna.co.nz/environmental](http://www.manatahuna.co.nz/environmental)



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Kāi Tahu, WAI Wānaka, Mana Tāhuna, Friends of Lake Hayes, ORC, community groups.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Mauri** - Life force

**Whanaukataka** - Family and community focused

NEW

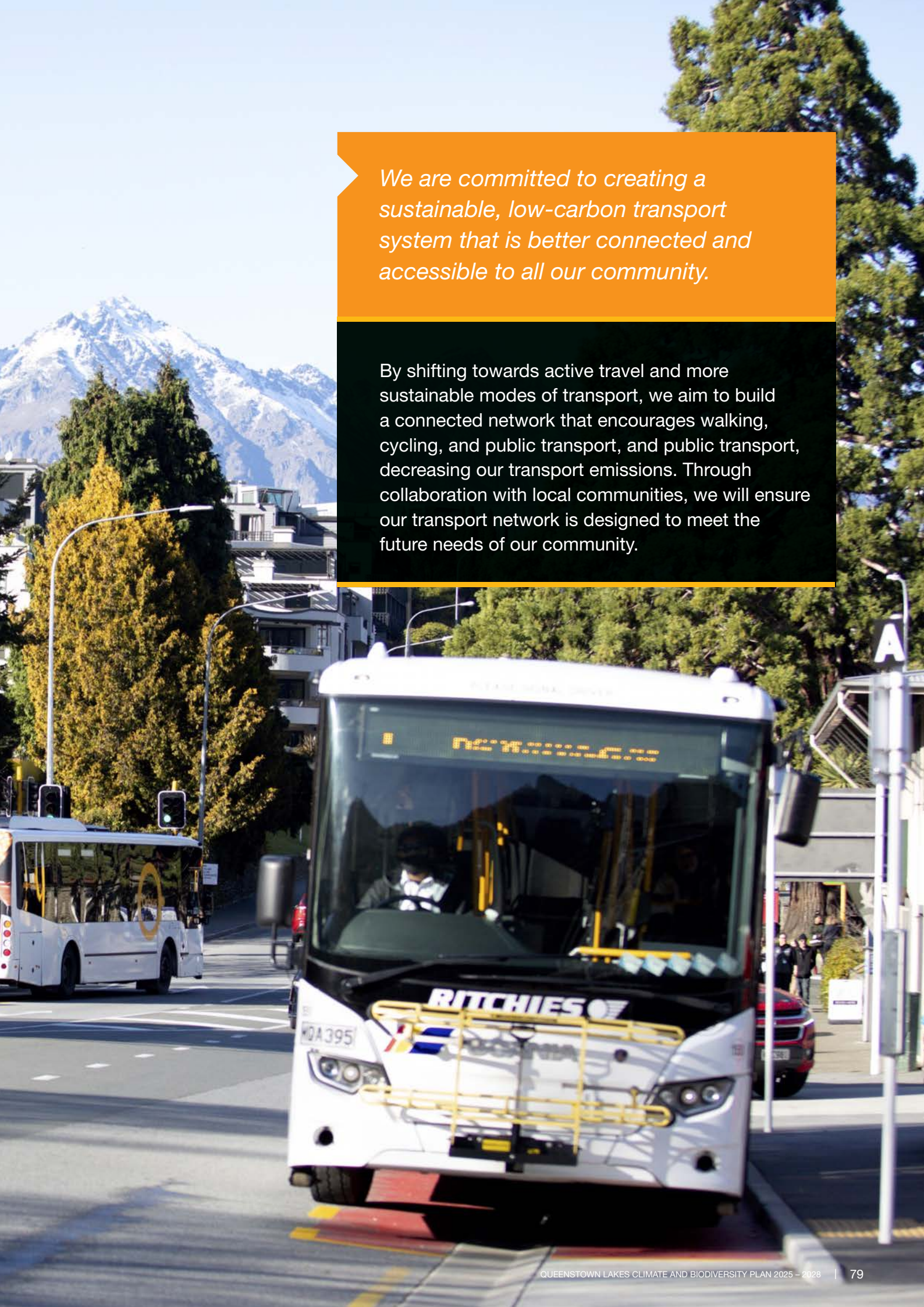




**Our transport  
system is  
low-emission  
and better  
connected**







*We are committed to creating a sustainable, low-carbon transport system that is better connected and accessible to all our community.*

By shifting towards active travel and more sustainable modes of transport, we aim to build a connected network that encourages walking, cycling, and public transport, and public transport, decreasing our transport emissions. Through collaboration with local communities, we will ensure our transport network is designed to meet the future needs of our community.





## 6.1

## Investing in our future transport network

**ACTION:**

Collaborate with NZ Transport Agency Waka Kotahi, ORC, and the private sector to implement a low emission, efficient, and better-connected public transport system and active travel network for the district.

**PROGRESS TO DATE:**

Although transport congestion remains a major challenge for our district, progress is being made to transform the network through the NZ Upgrade Programme, Better Ways to Go Mode Shift Plan and Grow Well Whaiora Spatial Plan. Major infrastructure investments have been delivered, including improved cycling and pedestrian connections, enhanced public transport facilities, and road network upgrades to improve safety and efficiency. The expansion of bus services in Queenstown, alongside initiatives to increase frequency and reliability, has strengthened public transport and lead to record increases in patronage. Significant progress has also been made to extend the cycling trails network and provide improved signage and wayfinding.

**KEY INITIATIVES:****Public transport:**

Partner with regional agencies to accelerate the development of a more frequent, reliable, and comprehensive Queenstown bus network, as well as advocating for public transport investment in Upper Clutha and outlying communities.

**Transport network investments:**

Deliver major transport infrastructure projects that integrate shared and active travel modes and ensure that all Council led infrastructure projects (e.g., stormwater, power, and minor upgrades) incorporate or enhance shared and active transport infrastructure as a standard practice.

**Integrated urban transport network:**

Collaborate with partners to design and implement a district-wide network of shared and active transport options, ensuring that all residents and visitors in Queenstown and Wānaka have accessible, sustainable travel choices.

**Micromobility:**

Integrate micromobility<sup>14</sup> solutions across the district to further develop the integrated transport network and provide first/last mile options.

**Active trails network:**

Continue to invest in the Queenstown Lakes Trails Network to enhance connectivity into the Integrated Urban Transport Network, promote sustainable transport options, and encourage outdoor recreation.

**PROJECT DETAILS****INVESTMENT:****KEY PARTNERS:**

NZTA, ORC, central government, Trails Trusts, private sector, industry partners.

**KĀI TAHU VALUE ALIGNMENT:**

**Haere whakamua** - Future focused

**Tikaka** - Appropriate action







## 6.2 Scaling up community-led action

### ACTION:

In partnership with Lightfoot Initiative, Wao and other local organisations, accelerate community-led transition towards shared and active travel.

### PROGRESS TO DATE:

Local organisations such as the Lightfoot Initiative and Wao are leading the way in promoting sustainable transportation and encouraging active travel mode shift across Queenstown Lakes District. These organisations are delivering a wide range of initiatives, campaigns and programmes to encourage people to swap their cars for more sustainable and healthy active travel options. These efforts align closely with the priorities of Council's Travel Demand Management work programmes and Better Ways to Go Mode Shift Plan.

### KEY INITIATIVES:

#### Travel planning:

Collaborate with schools, community groups, households, and local businesses to promote shared and active travel and assist them in developing and implementing low-emission travel plans.

#### Activation events:

Provide funding support for events and activations such as Aotearoa Bike Challenge and Biketober.

#### Community engagement:

Promote ongoing education and engagement campaigns to raise awareness of the environmental and personal benefits of shifting to more sustainable, low-emission transport options.

#### Invest in technology:

Collaborate with partners to develop technology to support the use of shared and active modes for organisations and communities.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Lightfoot Initiative, Wao.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Whanaukataka** - Family and community focused





6.3

## Smarter parking solutions

### ACTION:

Implement innovative parking management strategies that promote sustainable transport choices, reduce dependency on private vehicles, and support a low-carbon, people-focused transport system.

### KEY INITIATIVES:

#### Explore adaptive pricing and technology solutions:

Assess demand-based pricing, time restrictions, and smart parking technologies to optimise parking efficiency.

#### Encourage sustainable travel choices:

Leverage parking policies to incentivise public transport, active travel, and shared mobility options.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

ORC, NZTA, industry partners, community.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Tikaka** - Appropriate action







## 6.4

## Expand the EV charging network

**ACTION:**

Accelerate the transition to low-emission transport by expanding accessible, reliable EV charging infrastructure for shared and personal vehicles across the district.

**KEY INITIATIVES:****Strategic site identification:**

Identify and prioritise locations on Council land for public EV charging stations. This includes providing space for car-sharing services that require EV charging.

**Collaborative expansion:**

Partner with energy providers, businesses, and local organisations to expand both public and private EV charging networks for shared and personal vehicles.

**Future-proofing infrastructure:**

Integrate EV charging requirements into planning and development regulations for new residential, commercial, and public projects. Ensure car-sharing services have dedicated EV charging space within all future developments.

**PROJECT DETAILS****INVESTMENT:****KEY PARTNERS:**

EECA, commercial partners.

**KĀI TAHU VALUE ALIGNMENT:**

**Haere whakamua** - Future focused

**Tikaka** - Appropriate action





6.5

## Exploring innovative mass transport solutions

### ACTION:

Collaborate with partners to assess the feasibility of innovative mass rapid transport solutions that seamlessly integrate with traditional public transport. These solutions aim to provide efficient, low-emission alternatives, reducing congestion and carbon emissions while enhancing connectivity.

### KEY INITIATIVES:

#### Advocate for streamlined implementation:

Engage with central government to enable a more flexible and efficient planning process for innovative transport solutions.

#### Identify optimal routes:

Work with developers and stakeholders to determine suitable corridors, particularly in high-traffic areas and tourism hotspots.

#### Support pilot projects:

Support trial implementations to evaluate feasibility, gather operational data, and refine strategies before expanding to additional routes. Ensure community engagement and behaviour change strategies are embedded in all pilot projects to maximise community support and uptake.



### PROJECT DETAILS

#### INVESTMENT:

TBC

#### KEY PARTNERS:

ORC, NZTA, central government, commercial partners.

#### KĀI TAHU VALUE ALIGNMENT:

Haere whakamua - Future focused

NEW





## Supporting the aviation transition

### ACTION:

Work collaboratively with Queenstown Airport Corporation (QAC<sup>15</sup>) to align and implement local sustainability initiatives, strengthen advocacy for aviation decarbonisation, and support the transition to low-emission aviation technologies.

### PROGRESS TO DATE:

Over the past three years, QAC has made significant sustainability progress, achieving a 71% reduction in emissions since 2019 and transitioning to 100% renewable electricity. It attained Level 4+ Airport Carbon Accreditation, recognising its advanced carbon management efforts. QAC has also led biodiversity initiatives, earning an ACI Green Airports 'Platinum' Award for the Shotover Wetland restoration project. Other initiatives include expanded waste management programmes and strong community partnerships with local organisations.

### KEY INITIATIVES:

#### Aligning strategies for greater impact:

Ensure synergy between this plan and QAC's Sustainability Strategy to drive a cohesive approach to emissions reduction.

#### Knowledge sharing:

Explore opportunities to share expertise and resources to enhance the effectiveness and impact of sustainability projects.

#### Accelerating aviation decarbonisation:

Advocate for the adoption of sustainable aviation fuel and the transition to low-emission aviation technologies.


#### Enhancing sustainable transport access:

Collaborate on initiatives to improve public and active transport options for airport users and employees, including better bus services and cycling infrastructure.

#### Circular economy practices:

Partner on programmes to reduce waste generation at the airport and transition towards a circular economy model.

For more information visit

 [www.queenstownairport.co.nz/sustainability-strategy](http://www.queenstownairport.co.nz/sustainability-strategy)



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

QAC, industry partners.

#### KĀI TAHU VALUE ALIGNMENT:

**Rakatirataka** - Leadership

**Makaakitaka** - Hospitality



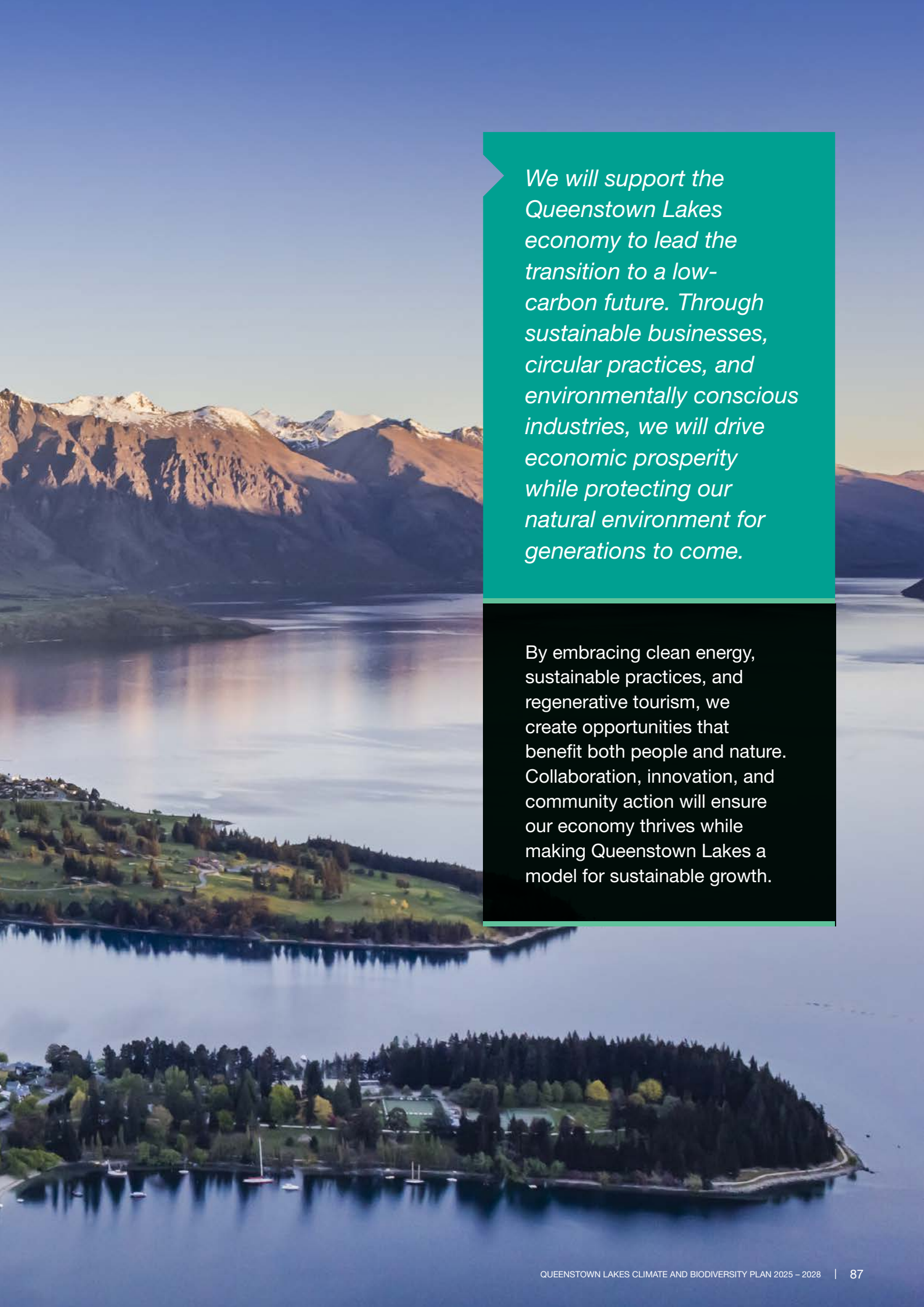
<sup>15</sup> Queenstown Airport Corporation Limited (QAC) is a Council-Controlled Trading Organisation, with QLDC the major shareholder (75.1%).



An aerial photograph of Queenstown Lakes, New Zealand. The foreground shows a dense residential and commercial area with various buildings and roads. A large, calm lake occupies the middle ground, reflecting the surrounding landscape. In the background, steep, rugged mountains rise, some with patches of snow or light-colored rock. The sky is clear and blue.

# Our economy leads the transition to a low emission future





*We will support the Queenstown Lakes economy to lead the transition to a low-carbon future. Through sustainable businesses, circular practices, and environmentally conscious industries, we will drive economic prosperity while protecting our natural environment for generations to come.*

By embracing clean energy, sustainable practices, and regenerative tourism, we create opportunities that benefit both people and nature. Collaboration, innovation, and community action will ensure our economy thrives while making Queenstown Lakes a model for sustainable growth.



## 7.1

## Partnered delivery of the Destination Management Plan

### ACTION:

In partnership with Destination Queenstown (DQ) and Lake Wānaka Tourism (LWT), deliver projects from the Travel to a Thriving Future - Queenstown Lakes Regenerative Tourism Plan. This partnership will drive meaningful progress towards reducing tourism's environmental footprint, restoring ecosystems, and enhancing climate adaptation and emergency preparedness.

### PROGRESS TO DATE:

Achievements include the Regenerative Tourism Plan's endorsement by QLDC in February 2023 and the launch of community platforms like Love Queenstown and Love Wānaka to fund local climate and conservation projects. Initiatives to decarbonise the visitor economy by 2030 have been introduced, with research papers and business plans aligning to support this goal. Work has included Electrify Queenstown events, the Optimal Visitation Project, Member Capability Programme and the Cogo Vistr Carbon Measurement tool.

### KEY INITIATIVES:

#### Integrating work programmes:

Collaborate with DQ and LWT to integrate climate and biodiversity objectives into tourism initiatives, ensuring alignment with this plan.


#### Data sharing and reporting:

Facilitate data-sharing and reporting between Council, DQ, and LWT to track progress, identify challenges, and inform future decision-making.

#### Enabling projects:

Support tourism businesses in adopting low-emission practices, enhancing biodiversity efforts, and preparing for climate-related risks through education, incentives, and regulatory guidance.

For more information

 [www.regenerativetourism.co.nz](http://www.regenerativetourism.co.nz)

### Travel to a thriving future

Heereka whakamua ki te ao taurikura

### A Regenerative Tourism Plan

Te Mahere Whakataumanga Tūpoi

Wānaka

Destination Queenstown

Lake Wānaka Tourism



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Destination Queenstown, Lake Wānaka Tourism, industry partners, Emergency Management Otago, conservation sector partners.

#### KĀI TAHU VALUE ALIGNMENT:

**Rakatirataka** - Leadership

**Makaakitaka** - Hospitality

**Kaitiakitaka** - Stewardship







7.2

## Supporting the financial growth of the environmental services sector

### ACTION:

Support the long-term financial growth of the environmental services sector through the delivery of Project 3.3: Environmental Enterprise in the QLDC Economic Diversification Plan.

### KEY INITIATIVES:

#### Innovative funding models:

Collaborate with partners to explore new revenue streams and financial mechanisms to enhance the financial sustainability of environmental service organisations.

#### Enhancing financial security:

Investigate carbon sequestration, biodiversity offset funding, and commercial partnerships to increase revenue for ecosystem regeneration efforts.

#### Private sector collaboration:

Foster partnerships between not-for-profits and businesses to secure financial stability and boost long-term resilience for local conservation groups.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Conservation sector partners, ORC, DOC, industry partners.

#### KĀI TAHU VALUE ALIGNMENT:

**Rakatirataka** - Leadership

**Makaakitaka** - Hospitality

**Haere whakamua** - Future focused

NEW





7.3

## Supporting our local business transition

### ACTION:

Support local organisations and industry leaders to transition to more sustainable practices that reduce emissions, promote a circular economy, minimise waste, and improve resource efficiency in our local economy.

### KEY INITIATIVES:

#### Sustainability programmes:

Partner with business networks to offer education, resources, and incentives for businesses to lower their environmental impact.

#### Energy efficiency support:

Facilitate the adoption of renewable energy and low-carbon technologies to support the transition to low-emission operations.

#### Waste minimisation:

Support the Waste Management and Minimisation Plan to encourage resource recovery, waste reduction, and sustainable product design through circular economy principles.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Chamber of Commerce, Ignite Wānaka, industry partners.

#### KĀI TAHU VALUE ALIGNMENT:

**Haere whakamua** - Future focused

**Makaakitaka** - Hospitality





## Supporting sustainable film productions

### ACTION:

Support the film sector to adopt sustainable practices within Queenstown Lakes. Connect production companies with local organisations and suppliers, help identify energy and emissions reduction opportunities, and facilitate waste reduction.

### KEY INITIATIVES:

#### Guidance and support:

Collaborate with local film industry groups to provide resources and guidance on implementing sustainable practices, including energy efficiency, waste reduction, and sustainable transport for production teams.

#### Network building:

Connect film companies with local suppliers offering environmentally friendly products and services to reduce the environmental footprint of productions.



### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Film Queenstown Lakes, film industry.

#### KĀI TAHU VALUE ALIGNMENT:

**Makaakitaka** - Hospitality

**Kaitiakitaka** - Stewardship





7.5

## Enabling sustainable events

### ACTION:

Support the transition towards sustainable event practices in Queenstown Lakes District by providing education, guidance and toolkits for event organisers.

### KEY INITIATIVES:

#### Setting the standard:

Develop and distribute sustainability standards for event organisers, covering waste minimisation, emissions reduction, sustainable transport, and biodiversity protection.

#### Education and support:

Partner with community organisations and environmental groups to provide hands-on support, resources, and education for implementing sustainable event practices.

#### Funding:

Ensure all events receiving Council grant funding meet a required set of sustainability criteria, encouraging best practices in emissions reduction, waste management and environmental stewardship.

#### Celebration and recognition:

Promote sustainable event certification and recognition programmes to celebrate and incentivise low-impact events.



Photo credit: The Wild and Sustainable Queenstown

### PROJECT DETAILS

#### INVESTMENT:



#### KEY PARTNERS:

Destination Queenstown, Wao, Sustainable Queenstown.

#### KĀI TAHU VALUE ALIGNMENT:

**Makaakitaka** - Hospitality

**Kaitiakitaka** - Stewardship







A vibrant green and blue bird, possibly a New Zealand Green Warbler, is perched on a dark brown branch. The bird has a dark green head and back, with a bright blue patch on its wing. It has a white patch on its throat and a white, fluffy tuft on its neck. The bird is looking upwards and to the right. The background is a soft, out-of-focus green. Yellow, bell-shaped flowers hang from the branch, adding a touch of color to the scene.

4

# Measuring our progress





## Indicators framework

This section outlines how we will measure progress and track the success of our plan. It outlines measures, targets, and data sources, as well as how we will report on outcomes to stay on track and adjust our actions as needed.

The table is under development and will be finalised through feedback and review with partners.

# The mauri of our natural environment is protected and regenerated



**WE WILL DELIVER MAJOR ENVIRONMENTAL PROJECTS**



**WE WILL ENABLE IMPROVED PREDATOR AND PEST PLANT CONTROL**



**WE INCREASE THE IMPACT OF OUR LOCAL CONSERVATION ORGANISATIONS**

Measures	Targets	Reporting	Source	Relevant Actions
Total areas (ha) under protection or regeneration through Council's activities	Annual increase in total areas under protection and/or regeneration	Annually	Significant Natural Areas or Council reserves defined in the District Plan	1.1, 1.2, 1.3, 1.4, 1.6, 1.7, 1.8, 1.9, 1.11
Indigenous land cover across the district	Increase in indigenous land cover across the district by 2028	Every 5 years	Stats NZ Indigenous Land Cover data <sup>16</sup>	1.1, 1.2, 1.3, 1.4, 1.6
Population numbers of specific native birds	Increase in population numbers of specific native birds	Biennially	DOC species records	1.7, 1.9
Biodiversity monitoring reporting (including on Council land)	Increase in population numbers of endemic species	Annually	Partner reporting	1.7, 1.9
Tracking of predator trap inventory	Year on year increase	Quarterly	Partner reporting	1.7,1.10
Tracking of predator suppression area (ha)	Year on year increase	Quarterly	Partner reporting	1.7,1.10
Tracking of pest/predator populations (e.g. wax tag indexing to track possum abundance)	Year on year decrease	Annual	Partner reporting	1.7,1.10
Water quality results at selected sites	Annual improvement in water quality results at selected sites	Annually	LAWA Water quality data, ORC Environmental Portal	1.2, 1.4, 5.7, 5.6, 5.8
Council agrichemical usage	Annual decrease in agrichemical use on Council land	Annually	Internal agrichemical reporting	1.6
Wilding control – area of land cleared/number of trees removed	Annual increase	Annually	Wilding control partner reporting	



# QLDC demonstrates ambitious climate and biodiversity leadership



**CLIMATE AND BIODIVERSITY ACTION IS IN OUR ORGANISATIONAL DNA**



**WE COMMIT TO PROACTIVE CLIMATE GOVERNANCE**

Measures	Targets	Reporting	Source	Relevant Actions
Organisational greenhouse gas emissions	Meet or exceed Toitū Carbon Reduce GHG emissions targets by 2028	Annually	Annual Organisational GHG Emissions Inventory	2.1, 2.2, 2.3, 2.4
District greenhouse gas emissions	District greenhouse gas emissions reduce by 36% by 2028 (against 2019 baseline).	Triennially	District GHG Emissions Inventory	2.5
Programme delivery of the Climate and Biodiversity Plan	Consistent quarterly programme reporting to Audit, Finance & Risk Committee	Quarterly	Audit Finance & Risk Committee Reports	All
Climate-related disclosures metrics (Measures to be defined in FY25-26)	(Targets to be set in FY25-26)	(Reporting frequency to be set in FY25-26)	Aotearoa NZ Climate-related Disclosures metrics <sup>17</sup>	2.2, 2.7
Number of green financed projects	Year on year increase	Annually	Internal data	2.8

<sup>17</sup> Aotearoa New Zealand Climate Standard 1: Climate-related Disclosures (NZ CS 1)  
<https://www.xrb.govt.nz/dmsdocument/4770/>

# Our communities are ready and prepared for a changing climate



**WE WILL PREPARE FOR THE LONG-TERM IMPACTS OF CLIMATE CHANGE**



**WE WILL STRENGTHEN OUR COMMUNITY RESILIENCE**



**WE WILL HELP GROW A RESILIENT, LOW CARBON LOCAL FOOD SYSTEM**

Measures	Targets	Reporting	Source	Relevant Actions
Number of climate risk assessments completed for heritage sites (to be confirmed in FY25-26)	(Targets to be set in FY25-26)	Annually	Preserving Legacies metrics	3.1, 3.3, 3.4
Energy hardship levels across the district	Year on year improvement	Annually	Quality of Life Survey – energy hardship	3.2, 4.1, 4.2,
Proportion of the district with an active Community Resilience Group (CRG)	100% of communities and settlements with active CRGs by 2028	Triennially	Emergency Management Otago reporting	3.3
Percentage of CRGs with “Enabled” level of capability by 2028 <sup>18</sup>	100% of groups	Annually	Emergency Management Otago reporting	3.3
Percentage of respondents who agree they are prepared for an emergency event	Year on year improvement	Annually	Quality of Life Survey	3.3, 3.4, 3.5
Community Resilience Score for Queenstown Lakes District	Year on year improvement	Annually	Emergency Management Otago – Community Resilience Survey	3.3, 3.4, 3.5
Delivery to schedule of adaptation projects and investments	(See adaptation programmes)	Annually	Local adaptation programmes metrics	3.4, 3.5
Number of community members participating in food resilience initiatives	Year on year increase	Annually	Southern Lakes Kai Collective reporting	3.6, 3.7
Annual tonnes of organic waste diverted from landfill	Waste reduction targets defined in the WMMP	Annually	QLDC solid waste assessment	3.6



# Our energy system is resilient, renewable and responsive



**WE WILL ACCELERATE THE TRANSFORMATION OF OUR LOCAL ENERGY SYSTEM**



**WE WILL HELP CREATE A MORE ENABLING REGULATORY ENVIRONMENT**

Measures	Targets	Reporting	Source	Relevant Actions
Proportion of residential and commercial properties that have solar installations	Year on year increase	Annually	Solar installation data from industry	4.1, 4.2, 4.4, 4.5
Proportion of solar installations on QLDC assets	Year on year increase	Annually	Internal data	4.3
GHG emissions from stationary energy per capita	Reduction in GHG emissions from stationary energy per capita (against 2019 baseline)	Annually	Stats NZ Stationary Energy data	4.1, 4.2, 4.3, 4.4, 4.5
Number of community members participating in electrification initiatives	Year on year increase	Annually	Electrify Wānaka/ Electrify Queenstown	4.2

# Our built environment is resilient with low environmental impact



**WE ADOPT BEST PRACTICE ENVIRONMENTAL STANDARDS**



**WE WILL ACCELERATE THE GREEN BUILDING TRANSITION**



**WE WILL WORK TOGETHER TO PROTECT AND MANAGE OUR WATER**

Measures	Targets	Reporting	Source	Relevant Actions
Capital Projects embodied carbon emissions intensity (CO2e/\$ spend)	Reduction in embodied carbon emissions intensity by 2028	Triennially	Internal	5.1, 5.2, 5.5
Annual tonnes of demolition and construction waste diverted from landfill	Waste reduction targets defined in the WMMP	Annually	QLDC solid waste assessment	5.4, 5.5
Number of community members engaging in Better Building Southern Lakes initiatives	Year on year increase	Annually	Better Building Southern Lakes reporting	5.4
Number of projects registered for Homestar or Greenstar ratings	Year on year increase	Annually	New Zealand Green Building project registration data	5.4, 5.5
Energy consumption in council buildings (kWh/m <sup>2</sup> )	Year on year decrease	Annually	Annual Organisational GHG Emissions Inventory	5.5
Average water consumption (L) per capita	Water demand targets defined in the Water Demand Management Programme	Annually	Average water consumption per capita data from the Water Demand Management Programme	5.6, 5.7, 5.8
Water quality results at selected sites	Annual improvement in water quality results at selected sites	Annually	LAWA Water quality data, ORC Environmental Portal	1.2, 1.4, 5.7, 5.6, 5.8



# Our transport system is low-emission and better connected



WE WORK TOGETHER TO CHANGE THE WAY WE TRAVEL



WE WILL HELP ACCELERATE TRANSPORT DECARBONISATION

Measures	Targets	Reporting	Source	Relevant Actions
GHG emissions from transport per capita	Reduction in GHG emissions from transport per capita (against 2019 baseline)	Triennially	Stats NZ Transport data	6.1, 6.2, 6.5
Annual demand on key active travel routes	Year on year increase	Annually	Active travel route counter data	6.2
Percentage of respondents who agree that public transport meets their needs	Year on year improvement	Annually	Quality of Life Survey – Public transport	6.1
Annual bus patronage numbers	Bus patronage numbers maintained or increased	Annually	ORC bus patronage data	6.1
Public transport reliability measures	Year on year improvement	Annually	ORC bus reliability data	6.1
Number of community members participating in mode shift initiatives	Year on year increase	Annually	Partner reporting	6.2
Number of public EV chargers in the district	Year on year increase	Annually	EECA public charger dashboard	6.4

# Our economy leads the transition to a low emission future



WE SUPPORT THE TRANSITION TO REGENERATIVE TOURISM



WE ENABLE A MORE SUSTAINABLE LOCAL ECONOMY

Measures	Targets	Reporting	Source	Relevant Actions
GHG emissions from visitor economy	Reduction in GHG emissions against baseline	Triennially	Partner reporting	6.1
Programme delivery of the Destination Management Plan	Destination Management Plan KPIs	Annually	Destination Management Plan Quarterly and Annual Reports	7.1
Financial revenue estimates for the environmental services sector	Year on year increase	Annually	TBC	7.2
Business engagement levels with sustainability programmes	Year on year increase	Annually	Partner reporting	7.3
Annual tonnes of commercial waste to landfill	Waste reduction targets defined in the WMMP	Annually	QLDC solid waste assessment	7.1, 7.3
Percentage of events adopting sustainability practices	Year on year increase	Annually	Internal, partner reporting	7.5
Annual tonnes of event related waste to landfill	Waste reduction targets defined in the WMMP	Annually	Internal, partner reporting	7.5







