

Climate Change Strategy

Working together for a healthy, connected shire



Acknowledgement of country

Mount Alexander Shire Council acknowledges that the traditional custodians of this land, the Dja Dja Wurrung and Taungurung peoples, proudly survive. We acknowledge their continued practise of custom and their close cultural, spiritual, physical, social, historical and economic relationship with the land and waters that make up their Country, which includes Mount Alexander Shire.

Council recognises the Victorian Government's Recognition and Settlement with both the Dja Dja Wurrung Clans Aboriginal Corporation and the Taungurung Land and Waters Council.



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Mayor's message



Councillor Rosie Annear
Mayor

Mount Alexander Shire Council

On behalf of Council, I'm pleased to present our Climate Change Strategy, which sets the direction for our climate action now and into the future.

Climate change affects all of us, and we can all contribute to the solutions.

In 2019, Mount Alexander Shire Council declared a climate emergency, recognising the need for urgent and ongoing action, and responding to community advocacy.

This strategy will guide the way we operate, communicate, and collaborate to achieve outcomes for and with our community and partners. The best outcomes will happen when we work with our community to build and support connections, resilience and action.

This strategy builds on our strengths and work to date. We are proud to have:

- developed the Mount Alexander Shire Council Roadmap to Carbon Neutrality, committing to becoming carbon neutral by 2025
- achieved 100% renewable electricity for Council operations and upgraded street lighting to low-energy LED across the shire
- commenced the transition to an electric fleet

- capped the local landfill and prepared to flare emissions
- participated in the Elevating Environmentally Sustainable Development Targets Planning Policy Amendment project
- advocated for an increase in energy efficiency standards for new homes through the National Construction Code
- responded to climate change in our Municipal Public Health and Wellbeing Plan, Mount Alexander Municipal Emergency Management Plan, and Municipal Heatwave Plan.

Ultimately, the most effective and cost-efficient way Council can act on climate change is to incorporate it into the way we work. Already, we have come a long way in embedding consideration of climate change across our operations and service delivery. This integration can be seen in our Municipal Public Health and Wellbeing Plan, how we are tackling waste and our approach to economic development.

To further strengthen our action, this strategy sets six long-term climate change response goals. These focus on integrating climate action, supporting just and equitable transitions, enhancing our natural environment, incorporating climate into our infrastructure planning and renewal, supporting community connections, and moving toward a circular economy. Council's role in fulfilling these goals is clarified through action areas.

People living and working in our shire have a proud history of creating amazing sustainability projects and responding to climate change. On behalf of Council, thank you for your contribution and for your input into this strategy.

We look forward to continuing to work in partnership with our community, organisations, and all levels of government to respond to climate change and achieve our community vision, together.



Our Climate Change Strategy

We are already feeling the impacts of climate change. Our land, our health and our economy are being severely harmed. Our very way of life is under threat. Hotter and more extreme weather, intense heat waves, bushfires, drought, storms and flooding are here to stay unless urgent action is taken.ⁱ

This strategy describes how Council will:

- respond to climate change in our own operations
- partner with our community to respond to climate change
- advocate to support our response to climate change.

In Mount Alexander Shire, we are already taking action but there is more we can do. With this strategy, Council commits to using our legislated powers to take action on climate change. Together, we can continue to build our resilience. We can strengthen our connections and climate-readiness across the shire we all love.

Community vision



Climate action is essential to achieve our Community Vision 2021-2031

After extensive community engagement, the community of Mount Alexander Shire produced the following 10-year vision, which represents our aspirations for the next decade:

In 2031, our community is connected to each other, and comes together to build and celebrate an inclusive, creative shire. We are a healthy community that values the natural beauty of the Djaara Country we live on. We know that preserving our natural environment means living sustainably and caring for country. We are protecting our shire from the threat of climate change by working together at a local level.

We are a welcoming community where everybody has access to services and supports, and opportunities for housing, education, employment and creative and social pursuits. We're known as a vibrant place which draws upon its creative spirit and shared heritage. We're building a place where everyone can enjoy the beauty, history and friendliness of the shire.

Three core pillars of the Council Plan 2021-2025 will help achieve our Community Vision. Each pillar:

- is threatened by climate change
- presents opportunities for our whole community to respond to climate change.

Our vision: Working together for a healthy, connected shire

Our principles: How we will work

We are genuinely engaging with the community

We are always improving

We are delivering together



Our pillars: What we want to achieve



A healthy, connected and inclusive community



An environment for people and nature



A resilient and growing economy



A healthy, connected and inclusive community

Threats

Climate change affects our health and wellbeing through:

- increased intensity and frequency of extreme weather, including heatwaves, drought, floods and bushfires
- reduced air quality when bushfires are present
- changes in the spread of vector, water and food borne disease
- risks to food availability and reduced water quality
- changing rainfall patterns impacting the availability of fresh food
- social isolation
- poor mental health, like stress and anxiety, including ecological and climate anxiety
- an increase in family violence associated with extreme weather events
- disrupted social systems as competition for resources increases.

Climate change is also an equity issue. Some people in our community may be more affected than othersⁱⁱ, including:

- children, women, older people, people with disabilities and First Nations people
- those experiencing homelessness and people who rent their homes
- those who are experiencing cost of living pressures and cannot afford utility bills or sustainable technologies
- those who do not speak English or know how to navigate our social support systems.

Opportunities

Communities with strong social and physical connections are more resilient. When we know each other, we can work together and look after each other.

Continuing to build and connect our community will help keep us all safe and well in a changing climate.

We can also build climate-resilient physical infrastructure to help us stay connected. For example, footpaths that are walkable and usable by all can be designed to withstand floods and extreme heat.

We can involve climate-sensitive community groups to a greater degree in the planning and implementing of our responses.

We can seek opportunities to ensure those most vulnerable to climate change impacts have the support they need.

By supporting our local farmers and food systems, we can increase food security.

Our vibrant creative community can help illustrate and unite us behind our vision for the future.



An environment for people and nature

Threats

Climate change is affecting the natural environment that we love through:

- tree dieback
- changes to water flows
- reduced water quality
- loss of fire-sensitive vegetation
- loss of drought-sensitive vegetation
- less successful breeding in native species
- loss of vulnerable aquatic species
- increased spread of plant diseases
- changes to the timing of life-cycle events
- changes to species distribution and numbers
- increased spread of invasive species
- loss of culturally significant places.

Opportunities

We can use nature-based solutions to tackle climate change problems.

Nature-based solutions harness the power and resilience of nature to solve challenges. Examples include:

- planting indigenous and climate adapted trees to help cool our homes and townships
- DJAARA's cultural burning practices that heal Country and balance fire in our landscapes
- planting fire retardant trees to help protect our places from bushfires
- restoring waterways, expanding green surfaces and delivering water sensitive urban design to reduce flood risk
- protecting and restoring trees and habitat in a way that helps keep our waterways healthy
- using compost made from our food scraps and garden clippings to regenerate soils.

We can buy less, reuse, recycle and repurpose materials rather than using virgin materials.



A resilient and growing local economy

Threats

Climate change affects our economy through:

- changing weather patterns impacting farm productivity
- extreme weather damaging property and infrastructure
- increasing insurance costs
- disruption to our tourism and creative industries
- interrupted supply chains leading to a shortage of goods.

Opportunities

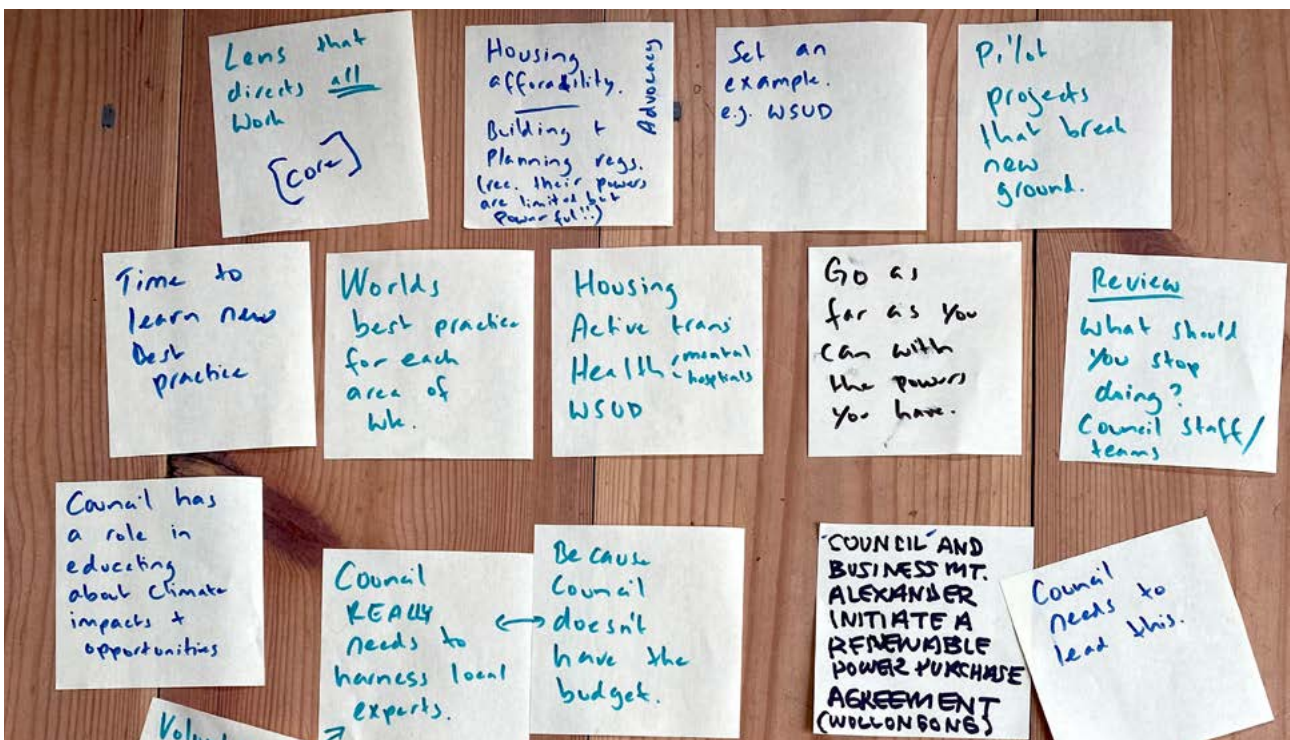
We can use local solutions to tackle climate change problems. Examples include:

- growing our local businesses and industries to help protect us from supply chain interruptions
- ensuring local businesses and community organisations adapt to climate change
- supporting local farmers, food businesses and urban agriculture.

We can increase our popularity as a tourism destination by:

- enhancing our natural environment
- creating cooler, greener townships
- protecting our agricultural land
- promoting renewable energy and other zero-net carbon initiatives in the shire.

Every action we take to tackle climate change brings us a step closer to reaching our Community Vision.



Council's role in climate action

Mount Alexander Shire Council has been taking action long before we were legally required. We take action because it is critical for the health of our community, our land and our economy now and into the future.

There are many reasons why climate change is a critical factor for Council to consider. These include:

- prioritising best outcomes for our community, including future generations
- supporting economic, social and environmental sustainability across our shire
- Council's financial sustainability; small investments today will avoid larger costs in the future
- the planning for and mitigation of climate change risks
- strong community expectation that local governments are preparing for climate change
- the co-benefits of adaptation responses. These include improved health and wellbeing, lower energy bills, and lower maintenance costs
- rising insurance premiums and liability issues.

Through this strategy, Council is looking to maximise our impact for the benefit of our community. To do this, we must recognise:

- where we have the powers, connections and resources to deliver strong, meaningful outcomes
- where other levels of government or organisations are better placed to effect real change
- where we can best partner with our community and other organisations to deliver impact.

We also recognise responding to climate change is an ongoing process, not a set of one-off actions or projects. Every day our organisation makes decisions that have consequences for the short and the long term. Today's climate impacts are already more frequent and intense than in previous decades. Every decision or project must seek to increase our well-being today and in the future.

The goals and action areas outlined in this strategy describe Council's role in responding to climate change. While Council cannot do it all, we commit to using our connections and resources to their full effect.

To maximise our impact Council will



Inwards

Look inwards to ensure that over time, all our own operations and decisions drive an effective climate response.



Outwards

Work in partnership with, and draw on, the expertise of our community.
We will collaborate with Traditional Custodians.



Sideways

Collaborate with, and learn from, other Councils (e.g. via Central Victorian Greenhouse Alliance).



Upwards

Advocate to state and federal governments where we don't have the legislated powers to effect change.

Adapted from <https://www.caceonline.org/>

Governments must work together to deliver an effective response to climate change

Each level of government has a different role to play.



Australian Government

The Federal Government has the strongest powers and largest resources to tackle climate change and ensure Australia achieves zero-net emissions.

In mid-2022 the Australian Government introduced a new emissions reduction target. Australia is now committed to reducing emissions by 43 per cent by 2030 and zero-net emissions by 2050. They have also developed a National Climate Resilience and Adaptation Strategy 2021-2025.



The Victorian Government has significant powers and resources to respond to climate change.

Recognising the importance of climate action, the Victorian Government legislated action through the Victorian Climate Change Act. Since then, the State Government has:

- developed the Building Victoria's Climate Resilience Plan, and seven supporting action plans
- legislated a target of zero-net emissions by 2050. In late 2022, they committed to bring this target forward to achieve zero-net emissions by 2045
- legislated a target of 50 per cent of Victoria's electricity coming from renewable sources by 2030. In late 2022, they committed to increasing these targets to 65 per cent by 2030, and 95 per cent by 2035
- achieved their goal of 25 per cent renewable energy generation by 2020. In 2020, Victoria generated more than 26 per cent of its energy from renewable sources
- developed a Gas Substitution Roadmap to pave the way for zero-net emissions
- mandated that all Victorian councils consider climate change in Municipal Health and Wellbeing Plans
- led the development of the regional ADAPT Loddon Mallee plan.



For many decades councils have been leading the way on climate action, helping their communities reduce emissions and adapt. As the level of government closest to community, Councils can leverage their networks and ground knowledge to drive and facilitate the local climate response.

Under the Victorian Local Government Act 2020, all Victorian Councils have a legislated responsibility to address climate change risks.

This includes:

- promoting climate change mitigation and planning for climate change risks
- giving priority to achieving the best outcomes for the municipal community, including future generations.

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All levels of government will need to work together to:

- achieve zero-net emissions sooner
- invest heavily in climate change adaptation
- drive a cultural change to make sure climate change is a priority for all elements of government business, including legislation, regulation, budgets, programs and services.

Goals



The strategy is guided by six overarching goals that will help achieve the Community Vision and respond to climate change. Action areas have been created to identify Council's role in achieving each goal.

Responding to the enormous challenge of climate change requires long term operational and societal change within the shire, Victoria, Australia and beyond. As such, these long term goals do not have set timeframes. Instead, they direct the timebound initiatives outlined in the annual Climate Change Action Plans.

Goal 1: Climate action is in everything we do	
Key progress to date:	Action area 1: Right across Council, our initiatives, projects, policies and services contribute to our climate response The most effective and cost-efficient way Council can act on climate change is to embed it into the way we work. All Council departments have a role in to play. Council has come a long way in embedding consideration of climate change across its operations and service delivery. We commit to continually improving how we consider, integrate and act on climate change across every aspect of our strategic and operational work.
1. Climate change included in all Councillor briefings	
2. Whole of organisation climate risk assessment undertaken	Action area 2: We consistently integrate climate messages into communications arising from all departments Council can play an important role in normalising climate change action. We will do this by: • communicating how we are taking climate action in our own operations • integrating climate messages into communications on other topics • listening to the needs of our community to help shape how we communicate • keeping our community informed about how they can take action. We commit to regular communication on climate change to inspire others, share success and make it easier to work together.
3. Established the Climate Change Leadership group, comprising managers and coordinators from across Council	Action area 3: We seek innovative ways to increase resourcing for climate action While some climate actions lead to financial savings (e.g. installing solar on Council buildings), many climate actions require resourcing. Funding the necessary scale of climate action requires innovative thinking, a long-term view, and making hard decisions. Council will investigate creative ways to resource climate action across the organisation every year. By embedding climate action into the way we work, we will also ensure existing budgets make a positive contribution.

Goal 2: We transition in a just and equitable way to a zero emissions shire	
Key progress to date:	Action area 1: Council operations are efficient and powered by renewable energy The way we use and generate energy at Council demonstrates best practice. Council's electricity is already 100% renewable thanks to the cross-council Victorian Energy Collaboration project. We commit to achieving zero-net operational emissions by 2025 by delivering the actions in our Roadmap to Carbon Neutrality. We will continue to electrify facilities (replacing gas) and improve energy efficiency. We will power our fleet with renewable energy (e.g. electric or alternative fuel sources such as hydrogen). We also commit to understanding and where possible reducing emissions that are a consequence of our activities but not directly generated by us. For example, emissions that come from products or services we buy, use and dispose of.
1. Council's Roadmap to Carbon Neutrality sets out how Council will achieve its target of zero-net emissions by 2025 2. Council uses 100% renewable electricity for its own operations through the VECO project 3. Council is working in partnership to support the community's target of zero-net emissions by 2030	Action area 2: Council partners on and supports programs to achieve a just transition to zero-net emissions for its residents and businesses Over the next decade Victoria will undergo a rapid transition to zero-net emissions. This transition is inevitable and will happen across all sectors. Council's role is best focused on working in partnership with other organisations and our community to support a transition that is fair and accessible for all. We will also prioritise emissions reductions actions that have broader community benefits and drive energy security. Our community has a long history of climate action and there are many community initiatives underway to support emissions reductions. Council will partner on community emissions projects and programs in an equitable way.
Council's Active Transport programs complement Action Area 3 of this goal.	
	Action area 3: Council delivers infrastructure and advocacy that supports a well-connected low carbon transport system The Victorian Government manages the broader road and public transport networks. Council maintains local roads and supports community transport initiatives. Council will focus its resources to: • deliver local transport infrastructure that encourages healthy activity like walking and cycling • advocate to the State Government for low-carbon, accessible and affordable transport infrastructure • investigate partnerships with businesses and organisations who support low-carbon transport. For example, electric vehicle charging providers, electric vehicle community bulk-buy initiatives and community transport providers.

Carbon neutral vs zero-net emissions vs zero emissions

Carbon neutral means that the net greenhouse gas emissions associated with Council's activities are equal to zero. It is achieved through a combination of measuring and reducing greenhouse gas emissions and purchasing of carbon offsets. The terms zero-net emissions and carbon neutral can be used interchangeably.

Zero emissions means an organisation doesn't generate any carbon emissions at all. No carbon offsets are needed.

Goal 3: Our natural environment and green spaces are healthy, resilient and increasing	
Key progress to date:	Action area 1: Council delivers Water Sensitive Urban Design and partnerships for a water sensitive shire Council has a key role in protecting and managing our precious water resources. Our shire faces both flood and drought risks. Water Sensitive Urban Design reduces stormwater runoff, and increases efficient water use. Examples include using rainwater, treated wastewater and stormwater to improve urban environments. Council will improve Water Sensitive Urban Design outcomes on its own land and partner with neighbouring Councils, other levels of government, other agencies and our community to deliver a more water sensitive shire.
1. Council is addressing drought through exploring alternative water supplies for our recreation reserves and the Castlemaine Botanical Gardens	Action area 2: Council delivers and partners to increase canopy cover, ecosystem resilience and landscape connectivity Council manages a range of valued public natural assets. These include urban street trees, roadside vegetation, creeks, playgrounds, small reserves and botanical gardens. These assets support a healthy ecosystem, reduce urban heat and cool our towns, making our shire more liveable. Council will work to improve the resilience and extent of its own natural assets.
2. Council delivers an Annual Street Tree Planting Program	Mount Alexander Shire is home to a strong, knowledgeable network of community groups and organisations that care for Country. Council will partner to improve the natural environment across all land tenures. We will promote opportunities for everyone in the shire to help green our landscape, improve soil health and support our precious ecosystems.
3. Council is implementing the Castlemaine Botanical Gardens Climate Change Study and Tree Succession Plan	Action area 3: Council seeks opportunities for positive ecological outcomes on private land Private land can contribute to a healthy environment through improved soil health, better water systems, and growing the right trees and plants. A balance between new developments to house our growing population and space for nature must be found. Much of the environmental assets on private land are regulated by state and federal legislation. However, Council can still play an important role through advocacy, incentives and planning controls. Working in partnership, Council will seek to drive an increase in the healthy natural environment on private land across the shire.
Our Municipal Public Health and Wellbeing Plan and Environment Strategy complement this goal.	

Goal 4: Our infrastructure is robust in the face of current and future climate change impacts	
Key progress to date:	Action area 1: Council-owned buildings, assets and infrastructure are resilient and built for future climate Climate change impacts pose risks to Council facilities, assets and infrastructure, including buildings, roads, street furniture, and footpaths. If realised, these risks increase maintenance costs, reduce asset lifespans and threaten community safety. Failing infrastructure can reduce Council's ability to deliver services. Building and retrofitting climate-resilient assets can cost more upfront. But over their lifetime they can deliver savings through lower maintenance and longer lifespans. Council will seek to balance these costs. Over time we will strengthen our assets' ability to withstand climate change impacts.
1. Council participated in stage one of the Elevating Environmentally Sustainable Development Targets Planning Policy Amendment Project	
2. The Mount Alexander Planning Scheme includes policy to support environmentally sustainable development	Action area 2: Council uses planning controls and urban design to reduce exposure to climate risks The strongest planning outcomes are set by the Victorian Planning System. These are managed by the State and Federal governments. Council has limited planning powers to guide climate outcomes on private land, and building outcomes are often driven by the Australian Building Code. However, Council is committed to using planning controls to reduce exposure to the climate risks our shire faces in the community, private buildings and open spaces.
3. Council advocated for an increase in energy efficiency standards for new homes through the National Construction Code	Action area 3: Council educates and advocates for climate-resilient buildings and development All levels of government play a role in driving the transition to climate-resilient buildings. Council will continue to advocate to other levels of government to achieve the climate change planning outcomes needed locally. To increase our impact, we will strengthen advocacy partnerships with local organisations and other councils. We will also promote opportunities to improve climate resilience in existing and new buildings and infrastructure.

Goal 5: Our community is connected and has the capacity to adapt to climate change

Key progress to date:	Action area 1: Council works with our community to strengthen social cohesion and connection Social cohesion plays a key role in resilience to climate change impacts. In a connected community with a strong sense of belonging people are better able to care for each other. Together we can prepare for and recover from shocks and stressors. Strengthening social cohesion also helps reduce inequity and inequality. In our shire, we have strong community foundations and a culture of caring. We have local groups and organisations who build and nurture social networks. Council will continue to: • offer services and partner to support and build social cohesion and connection • tap into local knowledge to inform our climate action • communicate with and engage our community in how we approach emergency management.
1. Developed a local vulnerable persons register and emergency management processes to support residents experiencing vulnerability	
2. Continue to facilitate the Mount Alexander Connectors Network	
3. Developed the Mount Alexander Municipal Emergency Management Plan and Municipal Heatwave Plan	Action area 2: Within our programs and services Council prioritises support to members of our community most at risk of experiencing vulnerability to climate change impacts Climate change impacts our community in different ways. Some members of our community will be more prone to vulnerability than others. This may be through exposure to climate hazards (like heatwaves) or in the ability to adapt and respond (e.g. install solar and turn on the air conditioner). Council will work with the community to understand who is at risk of experiencing vulnerability to climate change, and through our programs and services prioritise supporting those who need it most.
4. Continue to explore climate change action and solutions with young people via Council's Youth Advisory Group	Action area 3: Council partners to reduce climate risks, and prepare for and respond to extreme weather events Council plays a partnering, and at times a leading role in emergency management. Our region will face more intense, complex emergency events due to climate change. Many of these events will overlap, reducing recovery time. In times of crisis, our community comes together. Individuals, community organisations and governments collaborate to deliver services to those in need. Council will continue to improve how it collaborates to reduce climate risks and respond to emergencies. We will continue to work with community members experiencing disadvantage or disability to ensure they are prepared for emergencies. Climate change threatens food security in our shire. Extreme weather events and prolonged droughts can reduce food availability and disrupt food supply chains. Council will explore opportunities to support local food economies and increase food security.
The Mount Alexander Municipal Public Health and Wellbeing Plan complements this goal.	

Goal 6: Our shire is zero waste and has a resilient, circular economy	
Key progress to date: 1. Provision of worm farms to local schools 2. Discounted compost bin program for residents 3. Provision of specialised recycling services for items such as florescent tubes, motor oil and e-waste	Action area 1: Council operations are transitioning to zero waste Council has committed to achieving zero-net emissions for waste in its own operations by 2025. Council will lead by example in its own operations. We will seek to integrate circular economy principles into the way we work.
	Action area 2: Council services and infrastructure support our community to transition to zero waste We all generate waste so getting to zero waste is a shared responsibility and challenge. Our community has already, and will continue to lead the way on waste reduction initiatives. Federal and state governments contribute through legislation, programs and waste system coordination. Council contributes through local waste and recycling infrastructure and services. Council will partner and advocate so that our waste services help us all move towards zero waste.
These goals are noted for incorporation into Council waste and economic development programs.	Action area 3: Council economic development services support the transition to a circular economy All levels of government have a role to play in the shift towards a circular economy. In a circular economy, waste is designed out and products and materials stay in use for as long as possible. In our shire, we will not only aim for a circular economy but also a more localised economy. The shire already has inspirational businesses that take part in the circular economy and allow us to shop locally. Council will continue partnerships and initiatives to speed the transition.



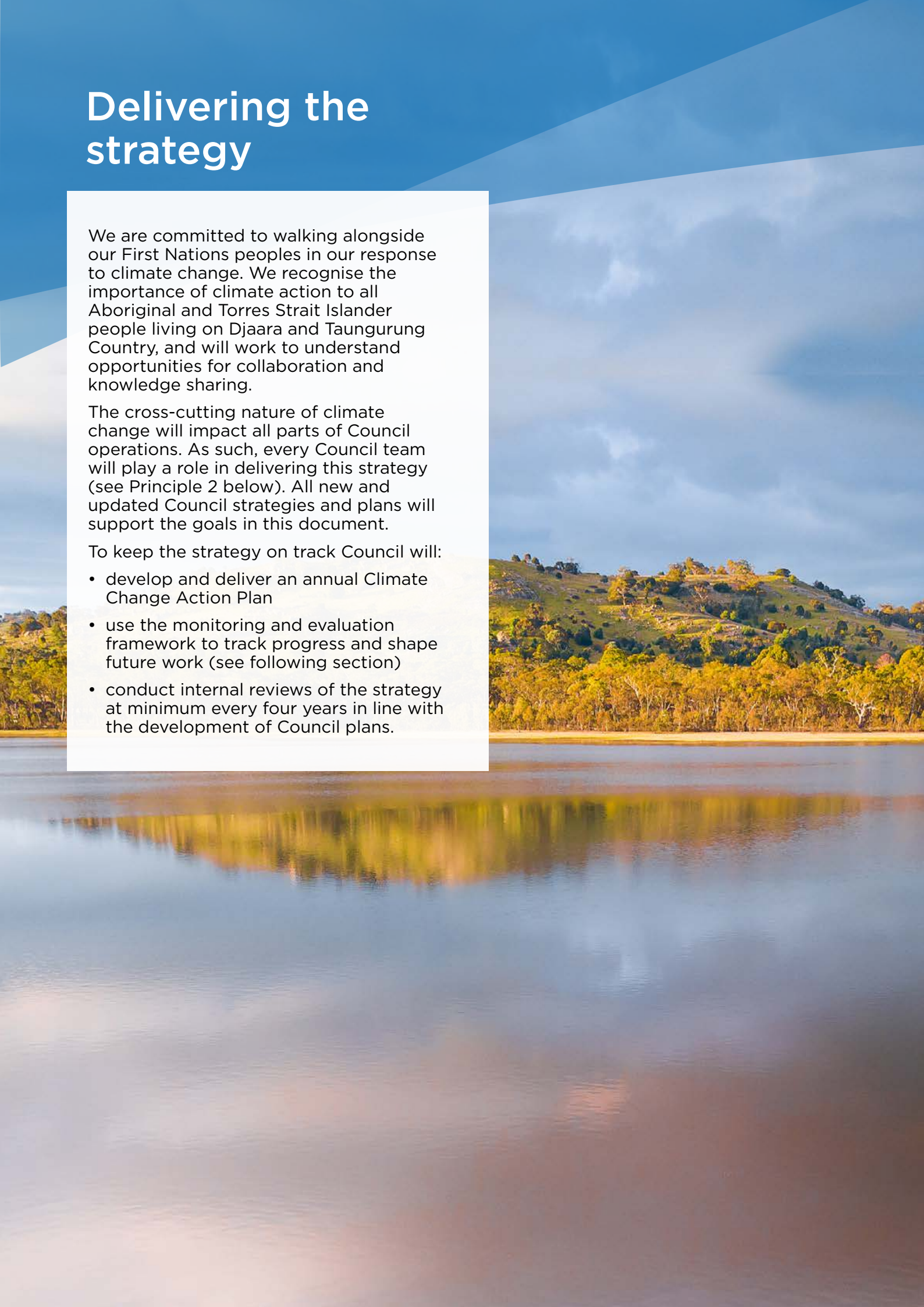
Delivering the strategy

We are committed to walking alongside our First Nations peoples in our response to climate change. We recognise the importance of climate action to all Aboriginal and Torres Strait Islander people living on Djaara and Taungurung Country, and will work to understand opportunities for collaboration and knowledge sharing.

The cross-cutting nature of climate change will impact all parts of Council operations. As such, every Council team will play a role in delivering this strategy (see Principle 2 below). All new and updated Council strategies and plans will support the goals in this document.

To keep the strategy on track Council will:

- develop and deliver an annual Climate Change Action Plan
- use the monitoring and evaluation framework to track progress and shape future work (see following section)
- conduct internal reviews of the strategy at minimum every four years in line with the development of Council plans.



Principles for delivery

The Council Plan 2021-2025 sets three Principles for service delivery. These principles guided the development of this Strategy. They will also guide the implementation of this Strategy and associated Action Plans.

Principle 1 - We are engaging genuinely with the community

Council will:

- share achievements and challenges related to this strategy
- use all Council's communications channels to keep our community informed
- consult with our community for the Strategy mid-term review
- consult with local stakeholders to develop annual Climate Change Action Plans.

Principle 2 - We are always improving

In the context of climate change, improving means embedding climate action into the way Council works. Climate change is already, or soon will be, affecting all areas of Council's operations and services. Thus all areas must be part of the solution.

We will strengthen our work to embed climate action into Council culture and systems. Ultimately, our aim is for every decision, initiative, project and service to contribute to our climate response. This is the most cost-effective, high-impact way for Council to address climate change. It is also an approach supported by our community.

Principle 3 - We are delivering together

Our community has a long history of delivering innovative climate change projects. Council would like to acknowledge the important work of the many local groups and organisations that are:

- building our community resilience, connection and care
- responding to climate change
- caring for country and culture.

We know our community is knowledgeable and capable. We know it is essential for all local resources to be used for maximum effect. As such, we must all play our role.

To respond to climate change and fulfil our Community Vision, Council will work with our community and organisations, here and across the region. We will:

- lead when it is appropriate
- partner to maximise impact
- provide support to help others do their best work
- avoid duplication by encouraging others to lead where they are best placed
- listen to, support and work with Traditional Custodians
- draw on local expertise and experience
- seek input from those who will be impacted most by climate change, including our young people
- openly share information to help us all work better together.

Measuring and sharing progress

Council is committed to monitoring and evaluating the progress of this strategy by measuring our efforts against the outcomes we want to see. This monitoring and evaluation approach also aims to:

- keep our community informed
- balance resources deployed on reporting with the resources deployed to undertake action.

Council will report on the progress of this strategy each year through a report to Council and via the Council website.

Goals	Monitoring and evaluation questions	How we will answer the monitoring and evaluation questions
1. Climate action is in everything we do	What action has been undertaken to embed climate change action across Council operations?	Annual review workshop with Climate Leadership Group to document progress on actions. For the internal review of the strategy, conduct an audit of Council documents and decisions to understand how climate change considerations are being integrated (e.g. Council reports; new strategies, action plans and policies; major projects documentation; media releases, human resource documentation).
	Are staff embedding climate change action in their work?	Data provided via Council's Quarterly Reporting Framework.

Goals	Monitoring and evaluation questions	How we will answer the monitoring and evaluation questions
2. We transition in a just and equitable way to a zero emissions shire	What has Council achieved in terms of reducing its own carbon emissions?	Data extracted from Roadmap to Carbon Neutrality Updates. Monitor financial reporting for investment in fossil fuel divested funds included in Council's quarterly financial reporting.
	How has Council supported our community to transition to zero-net emissions?	Document and reflect on progress, including key programs, resources deployed and outcomes delivered. Seek feedback from key community project delivery partners. Where relevant, include the number of participants for programs and initiatives. Record any resources Council provides local groups and organisations for zero emissions initiatives. Data from evaluation reports of relevant externally/grant-funded programs.

Goals	Monitoring and evaluation questions	How we will answer the monitoring and evaluation questions
3. Our natural environment and green spaces are healthy, resilient and increasing	What action has been undertaken to enhance the natural environment on Council owned land?	List key programs and advocacy, and outcomes delivered.
	Has the canopy cover on Council owned land increased?	Data from Council's tree planting, removal and maintenance programs.
	How has Council supported or encouraged private land owners to enhance the natural environment?	Document and reflect on progress, including key programs, resources deployed and outcomes delivered. Record any education resources provided to residents and local groups. Where relevant, include the number of participants for programs and initiatives. Record any resources Council provides local groups and organisations for revegetation and greening initiatives. Data from evaluation reports of relevant externally/grant-funded programs.
4. Our infrastructure is robust in the face of current and future climate change impacts	What action has been undertaken to ensure Council's buildings and infrastructure are robust in the face of climate change impacts?	List relevant upgrades delivered, and link to climate impacts.
	How has Council supported or encouraged our community to protect their homes and businesses from climate change impacts?	Document and reflect on progress, including key programs, resources deployed and outcomes delivered. Where relevant, include the number of participants for programs and initiatives.
	How has Council advocated for change?	Details of advocacy submissions, partnerships and meetings.

Goals	Monitoring and evaluation questions	How we will answer the monitoring and evaluation questions
5. Our community is connected and has the capacity to adapt to climate change	How has Council supported our community to ensure they are protected from the worst impacts of climate change?	Document and reflect on progress, including key programs, resources deployed and outcomes delivered. Where relevant, include the number of participants for programs and initiatives. Record any resources Council provides local groups and organisations for climate change resilience and adaptation initiatives. Report on outcomes of partnerships with organisations and community groups providing community connection and increasing capacity to adapt. Where available, source data on social cohesion and the ability of our community to adapt to climate change.
6. Our shire is zero waste and has a resilient, circular economy	Monitoring and reporting under this goal will be captured through Council's waste, recycling, circular economy, and economic development programs and plans.	

References

Our community generously shared ideas and local priorities for this strategy through:

- Surveys
- Workshops
- Interviews
- Pop-up stalls
- Emails
- A community reference group

Previous engagement data and community documents were also reviewed:

- 2019 Climate Emergency Declaration First Nations Youth Leadership Program
- Dkelkunya Dja - Dja Dja Wurrung Country Plan 2014-34
- Nalderun website
- 2019 Climate Emergency Declaration Forum

- Thematic analysis of climate ready conversations
- Submissions to the development of the Wararack Initiatives
- Community Vision engagement data and report
- Early Years Plan community engagement data
- Middle Years Plan community survey data

This approach allowed a broad spectrum of views to feed into the strategy.

i. CSIRO 2019: Climate Futures tool
<https://www.climatechangeinaustralia.gov.au/en/projections-tools/climate-futures-tool/projections>

ii. World Health Organisation 2021: Climate change and health
<https://www.who.int/news-room/fact-sheets/detail/climate-change-and-health>

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