

3.3 Updated Climate Action Plan Implementation Plan

Abstract

This report presents a revised Climate Action Plan Implementation Plan, (refer **Attachment 1**), for adoption by Council. The initial version of the Implementation Plan was adopted, along with the Climate Action Plan, by Council on 27 September 2021. The Implementation Plan includes actions funded from a variety of Council project and operating budgets including a specific allocation of \$400,000 for the Climate Action Plan. As part of the October Amended Budget adopted by Council on 25 October 2021, Council increased the 2021/22 budget allocation for the Climate Action Plan to a total of \$1,000,000.

The budget allocation increase is reflected in the revised Implementation Plan in two ways.

- Through increased funding to existing actions, which either results in increased outputs for the action or the bringing forward of the action to the 2021/22 financial year.
- Through the development of additional actions, to be delivered in either 2021/22 or 2022/23.

The Implementation Plan provides details of the actions that will be taken across the next two financial years to make progress towards the Climate Action Plan targets for both Council operations and for the whole of Boroondara to reduce emissions and for other sustainability priorities.

Officers' recommendation

That the Services Delegated Committee resolve to adopt the Climate Action Plan Implementation Plan 2021-2023 (as annexed to the minutes as **Attachment 1**).

Responsible director: Daniel Freer, Director Places and Spaces

1. Purpose

The purpose of this report is to present a revised two-year Climate Action Plan Implementation Plan (refer **Attachment 1**) for Council endorsement based on a budget allocation increase of \$600,000 for financial year 2021/22, taking the overall Climate Action Plan budget allocation to \$1,000,000 for the 2021/22 financial year.

2. Policy implications and relevance to community plan and council plan

The Boroondara Community Plan (BCP) 2021-31 articulates Council's overarching commitment to a sustainable and inclusive community. The Community Plan sets the long-term strategic directions for Council and informs the Council Plan, annual commitments and strategic indicators, and Council strategies, plans, policies and actions.

Development of a Climate Action Plan Implementation Plan supports the vision of the BCP for a sustainable and inclusive community, particularly in relation to the following strategic objectives and relevant strategies:

Strategic Objective 1: Community services and facilities are high quality, sustainable, inclusive and strengthen resilience.

Strategy 1.7 - Community resilience, safety and public health are improved by working in partnership with community and government organisations.

Strategic Objective 2: Green and open spaces are provided, well-utilised and enhanced.

Strategy 2.2 Our sustainable urban forest is preserved and increased through managing and renewing our open space trees and understory growth.

Strategy 2.3 Parks and green spaces are accessible and appealing through maintaining, improving and increasing amenities.

Strategy 2.4 Green spaces are maintained and increased through management practices and investigating opportunities to acquire or modify existing land.

Strategic Objective 3: The Environment is considered in all decision making.

Strategy 3.1: Community resilience and capacity to live sustainably is increased through advocacy, education and resources.

Strategy 3.2: The environmental impact of Council facilities and assets is further reduced through implementing sustainable practices.

Strategy 3.3: Municipal and household waste is reduced through initiatives to prevent, reduce, reuse and recycle.

Strategy 3.4: Trees and vegetation on private land are valued through promoting and encouraging our community to retain and enhance greenery.

Strategy 3.5: Our leafy streetscapes are maintained and improved through advocating for careful project planning by government regulatory and project authorities, supported by the increased planting of resilient species.

Strategy 3.6: Our biodiversity is conserved and maintained through improving the way we manage our diverse plants, animals and natural spaces.

Strategic Objective 4: Protect the heritage and respect the character of Boroondara, while facilitating appropriate, well-designed development.

Strategy 4.4: New development positively contributes to amenity and liveability through design excellence.

Strategy 4.5: Better development outcomes are achieved through advocacy to State Government and industry bodies for changes to planning controls and policies.

Strategic Objective 5: Travel options are safe, efficient and accessible, with active and public transport encouraged.

Strategy 5.4: Off-road bike paths and on-road cycling lanes are interconnected and safe through expanding access and infrastructure for cyclists.

Strategy 5.5: Sustainable transport use is encouraged and supported through delivery of green travel programs and advocacy to State and Federal Governments.

Strategy 5.6: Emerging transport options including e-mobility are planned for by exploring initiatives that increase safety and public confidence in e-mobility use and infrastructure.

There are also a number of other Council strategies, policies and initiatives which relate to Climate including:

- Integrated Water Management Strategy (IWMS) 2014-2024
- Waste Minimisation and Recycling Strategy (WMRS) 2017
- Urban Biodiversity Strategy (UBS) 2013-2023
- Integrated Transport Strategy (ITS) 2006
- Urban Agriculture Discussion Paper
- Shade Policy 2017-2027 and Action Plan
- Living For Our Future Program
- Boroondara Tree Strategy 2017-2027 and Action Plan
- Sustainable Council Buildings Policy 2016
- Boroondara Bicycle Strategy 2008
- Car Share Policy and Care Share Procedures 2013

3. Background

The Climate Action Plan and initial version of the Implementation Plan were presented at the Ordinary Meeting of Council on 27 September 2021 and it was resolved that Council:

1. Adopt the Climate Action Plan (as annexed to the minutes as Attachment 1).
2. Adopt the Climate Action Plan Implementation Plan 2021-2023 (as annexed to the minutes as Attachment 2).
3. Note that an amended Climate Action Plan Implementation Plan 2021-2023 will be presented to Council subject to additional funding allocation made through a future budget allocation.

At the Ordinary Council Meeting on 25 October it was resolved by Council to:

Allocate an additional \$600,000 for Climate Action initiatives as identified in Attachment 3 (as annexed to the minutes), bringing the total expenditure for the year on the implementation of Climate Action Plan initiatives to \$1M.

4. Outline of key issues/options

The Implementation Plan is for the first two years of the Climate Action Plan and includes actions that are funded through a variety of budgets. Initiatives are grouped under the themes of the Climate Action Plan and linked to the overarching actions of the Plan. The Implementation Plan prioritises actions that will have the most impact on emissions, both for Council and community, opportunities where there is a return on the investment and actions that protect against negative impacts. This aligns with the feedback received that identified the top priorities for action being trees/biodiversity, renewables/solar and reduction of emissions.

An additional funding allocation of \$600,000 in 2021/22 for the Climate Action Plan has now been made by Council. This additional funding has allowed increased funding for actions already included in 2021/22 and actions to be brought forward from 2022/23. No change in the forshadowed budget for 2022/23 has been made. Where actions have been brought forward to 2021/22, the forshadowed budget has been redirected to alternative actions. Changes to the Climate Action Plan are summarised as follows:

Increased funding to existing actions

- An increase in the number of Council buildings to have Solar PV installed from three-four to five-eight, and audit of remaining building portfolio to identify future PV sites.
- Increased expenditure for implementing actions from previous building audits.
- The action to develop and deliver a home and business energy audit program brought forward to 2021/22.
- The action to develop a plan to increase tree canopy and biodiversity plantings over a two hectare area of the Freeway Golf Course and begin implementation of that plan brought forward to 2021/22.
- The action to undertake a comprehensive audit of Council's tree population, including canopy cover, identification of planting opportunities, and assessment of tree health brought forward to 2021/22.
- The action to engage a Landscape Compliance Officer to audit planting required on private property as per conditions of planning permits brought forward to 2021/22.
- The action to provide support for Environmentally Sustainable Development (ESD) in private development through a program of advice and support brought forward to 2021/22.
- The action to expand on the Living for Our Future workshop program brought forward to 2021/22.

Additional actions

- Undertake audits of four-six Council buildings to identify least cost of abatement energy efficiency upgrades (excluding buildings that have undergone recent renewal) in 2021/22 and 2022/23.
- Incorporate use of commercial and/or operational EVs into Council's fleet (or contracted waste services) in 2021/22.
- Develop an Urban Greening Strategy for Boroondara in 2022/23.
- Establish tree selection criteria for new and replacement tree planting based on environmental performance, site suitability and adaptation to climate change in 2021/22.

- Participate in an Australian first recycled glass sand trial to determine if it is a suitable growing medium for natural turf in 2021/22.
- Develop and trial a modern cloth nappies education program in 2021/22.
- Develop and roll out a School's sustainability engagement program in 2022/23.
- Develop and implement a Climate Action Plan community engagement strategy in 2021/22.

5. Consultation/communication

Development of the Climate Action Plan was based on extensive community consultation. The first phase of the consultation was conducted in August and September 2020. Phase 2 of community engagement was conducted in March and April 2021 and made use of a brief survey and public online forums and sought to 'check in with our community' about the results of the first stage of consultation. Phase 3 was conducted in July and August 2021, to receive feedback on the draft Plan.

A report on all consultation phases is published on Council's website.

Internal consultation

Consultation with various departments has been undertaken to inform and refine targets and actions. These include, Environmental Sustainability and Open Space, Traffic and Transport, Strategic and Statutory Planning, Capital Works, Facilities, Waste and Infrastructure and Chief Financial Office.

6. Financial and resource implications

The Climate Action Plan Implementation Plan has an associated budget of \$1,000,000 for the 2021/22 financial year, and foreshadows a further \$1,000,000 for the 2022/23 financial year. The majority of actions identified in the Implementation Plan are funded from alternative currently committed or foreshadowed operating and project budgets that have been considered through the Council budget process. These actions, which include substantial expenditure such as ESD standards in Council's building program and Council's Tree and Biodiversity Programs represent a large proportion of our financial commitment to our environment.

7. Governance issues

The implications of this report have been assessed in accordance with the requirements of the Victorian Charter of Human Rights and Responsibilities. The officers responsible for this report have no direct or indirect interests requiring disclosure.

8. Social and environmental issues

The Implementation Plan outlines actions to be delivered to reduce harmful emissions from Council's operations, facilitate the reduction of community emissions by the community and preserve and protect our natural assets to meet the challenges of a changing climate. The Implementation Plan will guide Council's climate related actions over the next two financial years and deliver wide ranging social and environmental benefits for our community.

9. Evaluation and review

Council will regularly promote and provide updates on its performance in delivering the Climate Action Plan through all of its media channels. Council will also provide an annual report on its delivery of actions in the Implementation Plan and progress toward targets through a Climate Action Plan update report. The Implementation Plan will be reviewed and updated every two years including a community survey process.

10. Conclusion

The Climate Action Plan Implementation Plan has been revised based on an increase in budget allocation from \$400,000 to \$1,000,000. The Implementation Plan provides details of the actions that will be taken across the next two financial years to make progress towards the Climate Action Plan targets for both Council operations and for the whole of Boroondara to reduce emissions and for other sustainability priorities. The Climate Action Plan Implementation Plan is now presented for adoption.

Manager: David Shepard, Environmental Sustainability and Open Spaces

Report officer: Amy Shaw, Acting Coordinator Environmental Sustainability



Climate Action Plan

Implementation Plan 2021/22 and 2022/23

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Introduction

The *Climate Action Plan (2021)* sets the direction for Council's response to the challenge of climate change over a ten-year period. This Implementation Plan defines the highest priority actions for implementation over the first two years. This Implementation Plan does not duplicate background information found in the Climate Action Plan, but presents tangible actions that will be undertaken by Council either alone or in partnership with our community or other organisations over the next two years.

Actions are grouped in tables according to the key themes of the Climate Action Plan. It is acknowledged that actions may support multiple themes and targets identified in the Climate Action Plan,

however to avoid duplication actions have been nominally placed against themes they appear to be most aligned with. In some cases, where an action has strong links to multiple themes, the action has been included in the Overarching actions section.

There is also a complementary activities section which highlights some of Council's many complementary activities that are consistent with the Climate Action Plan's vision and objectives.

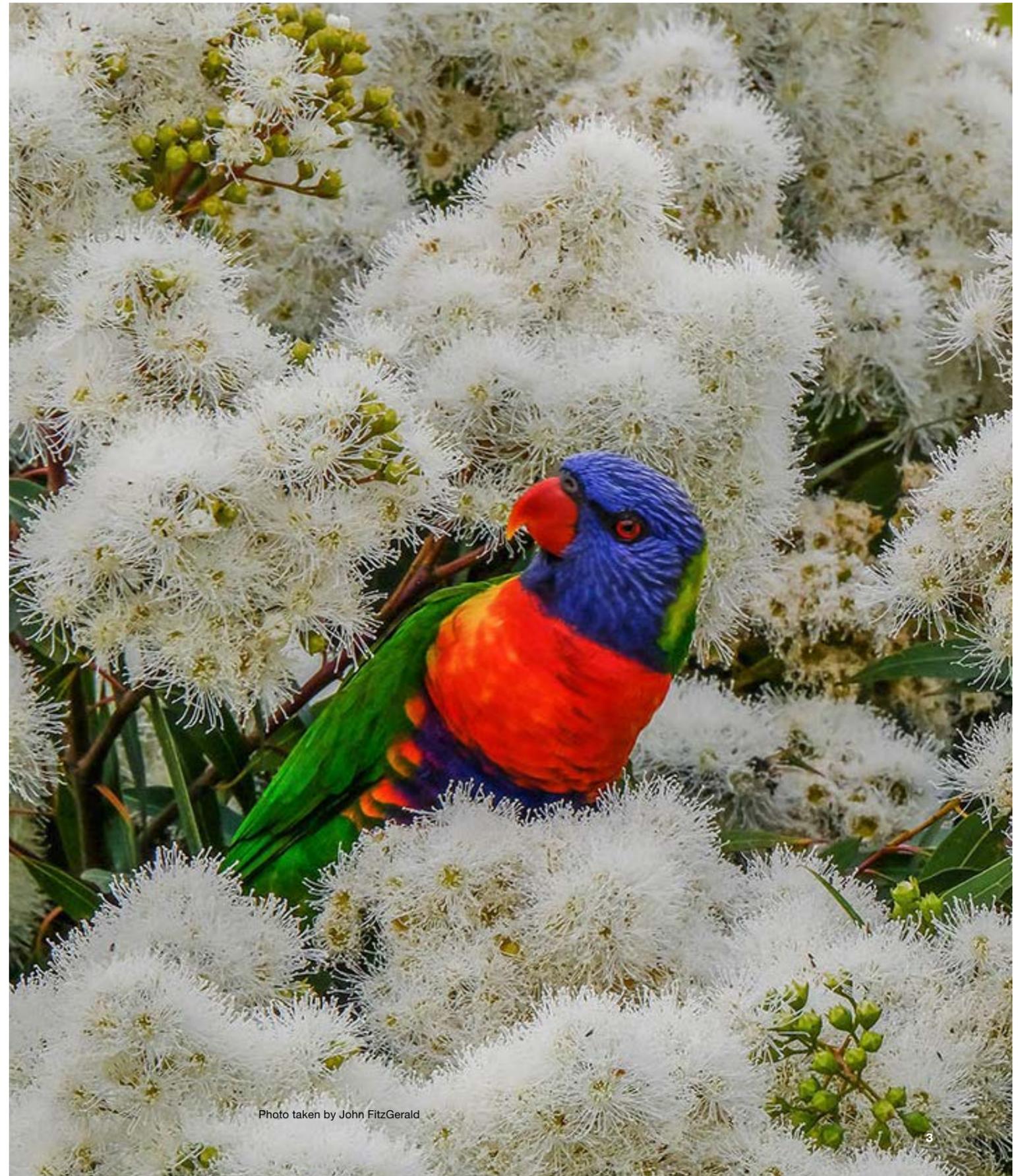


Photo taken by John FitzGerald



Energy efficiency and renewable energy

Corporate action description	Time frame	Climate Action Plan linkage
1.1 Offset corporate greenhouse gas emissions to meet Council's carbon neutrality commitment.	21/22 22/23	This aligns with action 1.4 and supports the target of Council being net carbon neutral by 2022.
1.2 Install additional solar PV on five-eight buildings and conduct audit of remaining building portfolio to identify future PV sites.	21/22 22/23	This aligns with action 1.2 and supports the target to install 1MW additional solar PV on Council buildings by 2030.
1.3 Implement outstanding actions from audits completed prior to 2022.	21/22 22/23	This aligns with action 1.5 and supports the target of 90% Council actual emission reduction by 2030.
1.4 Undertake audits of four-six Council buildings to identify least cost of abatement energy efficiency upgrades (excluding buildings that have undergone recent renewal).	21/22 22/23	This aligns with action 1.6 and supports the target of 90% Council actual emission reduction by 2030.
1.5 Purchase electric small plant and equipment such as chainsaws and blowers.	21/22	This aligns with action 1.8 and supports the target of 90% Council actual emission reduction by 2030.
1.6 Implement electric upgrades at four sites (natural gas disconnection).	22/23	This aligns with action 1.3 and supports the target of a 50% reduction in the number of Council buildings using gas by 2030.
1.7 Purchase green electricity for Council's small sites (approximately 20% of electricity used by Council).	21/22	This action supports the target of 90% Council actual emission reduction by 2030.
1.8 Continue replacing residential streetlights with efficient globes and technology. Over 7000 lights have already been upgraded.	Ongoing	This action supports the target of 90% Council actual emission reduction by 2030.
1.9 Purchase 100% renewable energy for Council's main buildings and streetlights via a Power Purchase Agreement. Since July 2020, approximately 80% of Council used electricity is generated at a Victorian wind farm.	Ongoing	This action supports the target of 90% Council actual emission reduction by 2030.
1.10 Update major road streetlight feasibility study and seek State Government funding to implement.	21/22	This aligns with action 1.7 and supports the target of 90% Council actual emission reduction by 2030.

Partnership action description	Time frame	Climate Action Plan linkage
1.11 Implement a solar PV bulk buy program for homes and businesses. Subject to feasibility, program will include additional products such as batteries and heat pumps.	21/22 22/23	This aligns with action 1.9 and supports the target of 50,000kW additional solar PV (currently 27,000 kW) on buildings in the community by 2030.
1.12 Develop and deliver a home and business energy audit program.	21/22 22/23	This aligns with action 1.15 and supports the target of 60% community emissions reduction by 2030.
1.13 Provide sustainability resources for loan via the Boroondara Libraries. Items including: <ul style="list-style-type: none"> Power monitors for electricity audits Simple thermal cameras to identify 'leaky' buildings. 	Ongoing	This aligns with action 1.12 and supports the target of 60% community emissions reduction by 2030.
1.14 Provide increased support for community leadership on climate action.	21/23 22/23	This aligns with action 1.12 and supports the target of 60% community emissions reduction by 2030.

Policy and advocacy action description	Time frame	Climate Action Plan linkage
1.15 Develop a natural gas transition plan for Council buildings with a focus on high emission sites including aquatic centres (subject to initial feasibility and analysis).	21/22	This supports target of a 50% reduction in the number of Council buildings using gas by 2030.



Biodiversity and trees

Corporate action description	Time frame	Climate Action Plan linkage
2.1 Develop a plan to increase tree canopy and biodiversity plantings over a two hectare area of the Freeway Golf Course and begin implementation of that plan.	21/22 22/23	This aligns with action 2.3 and supports the target for canopy cover in Boroondara to increase from 28% to 30%.
2.2 Increase the area managed for biodiversity by one hectare a year and continue maintain existing area (currently 51 hectares).	21/22 22/23	This aligns with action 2.1 and supports the target to have 61 hectares of land managed for biodiversity by 2030 (compared the current 51 ha).
2.3 Undertake annual street tree planting and renewal of 1000 trees per year.	21/22 22/23	This aligns with action 2.3 and supports the target to increase the number of street trees to 80,000 by 2030 (compared to the current 66,000).
2.4 Undertake a review of mowing frequencies to align with good turf practices, improved turf health and reduced resource use and increased carbon sequestration. Aim to decrease mowing by approximately 40%.	21/22	This action supports the target of 90% Council actual emission reduction by 2030.
2.5 Design and rebuild Maranoa Botanic Garden office space to include an environmental education facility (will be completed 2023/24).	21/22 22/23	This action supports the target to have 3,000 annual participants in sustainability workshops/ education opportunities.

Partnership action description	Time frame	Climate Action Plan linkage
2.6 Provide increased support for community groups working in biodiversity areas.	21/22 22/23	This aligns with action 2.2.
2.7 Deliver the Backyard Biodiversity Project annually to encourage and support residents to create indigenous habitat gardens.	21/22 22/23	This aligns with action 2.5 and supports the target for residents and schools to plant 50,000 new indigenous plants including 10,000 trees by 2030.
2.8 Develop a self-guided walking tour for Maranoa Botanic Gardens.	22/23	This action supports the target to have 3,000 annual participants in sustainability workshops/ education opportunities.
2.9 Provide 5,000 indigenous tube stock to schools, community groups and residents.	21/22 22/23	This aligns with action 2.4 and supports the target for residents and schools to plant 50,000 new indigenous plants including 10,000 trees by 2030.
2.10 Develop and deliver a weed swap initiative that allows residents to access free indigenous plants in return for removing environmental weeds from their garden.	21/22	This aligns with action 2.4 and supports the target for residents and schools to plant 50,000 new indigenous plants including 10,000 trees by 2030.

Adaptation action description	Time frame	Climate Action Plan linkage
2.11 Undertake a comprehensive audit of Council's tree population, including canopy cover, identification of planting opportunities, and assessment of tree health. This information is essential for future renewal and planting, and the development of an effective Urban Greening Strategy for Boroondara.	21/22 22/23	This aligns with action 2.11 and supports the target for canopy cover in Boroondara to increase from 28% to 30%.
2.12 Develop an Urban Greening Strategy for Boroondara.	22/23	This aligns with action 2.11 and supports the target for canopy cover in Boroondara to increase from 28% to 30%.
2.13 Establish tree selection criteria for new and replacement tree planting based on environmental performance, site suitability and adaptation to climate change.	21/22	This aligns with action 2.6 and supports the target for canopy cover in Boroondara to increase from 28% to 30%.
2.14 Review and promote the Naturestrip Guidelines to facilitate use of these spaces to enhance biodiversity.	21/22	This aligns with action 2.10 and supports the target for canopy cover in Boroondara to increase from 28% to 30%.
2.15 Expand our log hollow habitat enhancement for sugar gliders program to include the installation and monitoring of log hollows for hollow dependent birds.	21/22 22/23	This aligns with action 2.7 to deliver a program of habitat restoration and install nest boxes.

Policy and advocacy action description	Time frame	Climate Action Plan linkage
2.16 Engage a Landscape Compliance Officer to audit planting required on private property as per conditions of planning permits.	21/22 22/23	This aligns with action 2.14 and supports the target for canopy cover in Boroondara to increase from 28% to 30%.



Water and waterways

Corporate action description	Time frame	Climate Action Plan linkage
3.1 Develop a new Integrated Water Management (IWM) infrastructure program: a prioritised plan to develop and implement new IWM projects (stormwater treatment, harvesting and reuse, litter management).	22/23	This aligns with action 3.3 and supports the target that Council harvests 65 ML of alternative water per annum.
3.2 Construct Councils next priority Water Harvesting Project – nominally at Macleay Park subject to community consultation in 2021/22.	22/23	This aligns with actions 3.2 and 3.7 and supports the target that Council harvests 65 ML of alternative water per annum.
3.3 Conduct an annual program of water efficiency retrofits.	Ongoing	This action will improve water efficiency across Council buildings.

Policy and advocacy action description	Time frame	Climate Action Plan linkage
3.4 Develop a program of winter irrigation of parks and open space using surplus water from our current and future raingardens and water harvesting facilities.	21/22 22/23	This aligns with action 3.13.
3.5 Develop a cleaner building site program, targeting sediment runoff from development sites, and an engagement and enforcement program.	22/23	This aligns with actions 3.6 and 3.12 and will prevent sand, soil, cement and other building materials from reaching waterways, resulting in a healthier environment.



Transport

Corporate action description	Time frame	Climate Action Plan linkage
4.1 Conduct electric vehicle charging feasibility analysis at Council's Camberwell offices and Kew and Riversdale depots.	21/22	This aligns with actions 4.1 and 4.24 and supports the target that Council fleet is 90% electric (or alternative low emissions option) by 2030.
4.2 Install fast charging stations at two community locations.	21/22	This aligns with action 4.7 and supports the target that there is access to EV charging within 2 km of all activity centres by 2030.
4.3 Develop a fleet transition plan for the transition of Council's and contractor operations fleets to EV.	21/22 22/23	This aligns with action 4.24 and supports the target that Council fleet is 90% electric (or alternative low emissions option) by 2030.
4.4 Incorporate use of commercial and/or operational EVs into Council's fleet (or contracted waste services).	21/22	This aligns with action 4.1 and supports the target that Council fleet is 90% electric (or alternative low emissions option) by 2030.
4.5 Develop an EV charging plan for Boroondara to support uptake of EV use in Boroondara particularly for: <ul style="list-style-type: none"> residents unable to access off street parking residents in multi-unit development visitors to activity centres. 	22/23	This aligns with action 4.7 and supports the target that there is access to EV charging within 2km of all activity centres by 2030).
4.6 Complete feasibility study on connecting the off-road cycling network through new links (on and off road) including improved crossing facilities on main and local roads (e.g. Box Hill to Hawthorn Trail, Back Creek Bridge investigation and design).	21/22	This aligns with action 4.9 and supports the target of 60% community emissions reduction by 2030.

Policy and advocacy action description	Time frame	Climate Action Plan linkage
4.7 Release a bicycle strategy to set a framework to advance the cycling infrastructure and mode share in the Boroondara over the next 10 years.	21/22	This aligns with action 4.16 and supports the target of 60% community emissions reduction by 2030.
4.8 Develop a policy position about EV and e-bike charging infrastructure in all Council, State and Federal projects in Boroondara.	21/22	This action supports the target of 60% community emissions reduction by 2030.
4.9 Review Council's Car Share Policy and Procedures to identify options to support take up of EV and low emission vehicles by the Boroondara community.	22/23	This aligns with action 4.21 and supports the target of 60% community emissions reduction by 2030.

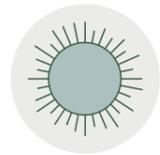


Circular economy (waste)

Corporate action description	Time frame	Climate Action Plan linkage
5.1 Continue to implement the FOGO program and identify opportunities to expand the service.	21/22 22/23	This aligns with action 5.5 and supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).
5.2 When tendering for kerbside recycling collection and processing contract, seek options for the supply of EV as part of the service fleet.	21/22	This aligns with action 4.1 and supports the target that Council fleet is 90% electric (or alternative low emissions option) by 2030.
5.3 Review Council's public place waste and recycling infrastructure to identify efficiencies and gaps in service delivery. Implement recommendations from review.	21/22 22/23	This action supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).
5.4 Monitor the market and seek opportunities to continue to expand the use of recycled materials in asphalt roads and path projects (currently approximately 20% recycled asphalt material is used in new asphalt projects).	Ongoing	This aligns with action 5.2 and will reduce the amount of virgin materials required in our road projects.
5.5 Review and deliver additional diversion through hard waste collection service improvements.	22/23	This aligns with action 5.9 and supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).
5.6 Implement standard recycling bin materials acceptance list (subject to release by State Government).	22/23	This action supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).
5.7 Participate in an Australian first recycled glass sand trial to determine if it is a suitable growing medium for natural turf.	21/22	This is aligned with action 5.2.
5.8 Develop kerbside recycling/FOGO contamination management program.	21/22	This action supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).

Partnership action description	Time frame	Climate Action Plan linkage
5.9 Provide additional community support and advice through a program of circular economy education and initiatives.	22/23	This aligns with action 5.6 and supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).
5.10 Deliver a Plastic Free Pilot Program in Camberwell to support approx. 15 hospitality traders to reduce and eliminate appropriate single use plastics.	21/22	This is aligned with action 5.7 and supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).
5.11 Develop and trial a modern cloth nappies education program.	21/22	This action supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).

Policy and advocacy action description	Time frame	Climate Action Plan linkage
5.12 Develop a Circular Economy Strategy for Boroondara to replace the current Waste Minimisation and Recycling Strategy.	22/23	This aligns with action 5.10 and supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).
5.13 Develop Corporate Green Event and Single Use Plastic Minimisation Policy.	22/23	This aligns with action 5.3 and supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).
5.14 Advocate for Container Deposit Scheme network operator to establish Container Deposit Scheme drop off network locations in Boroondara.	22/23	This action supports the target of 80% diversion of waste from landfill by 2030 (currently 69%).
5.15 Participate in the submission process for the National Construction Code 2025.	22/23	This aligns with action 5.11 that supports the target of 60% community emissions reduction by 2030.



Overarching

Corporate action description	Time frame	Climate Action Plan linkage
6.1 Update Council's Sustainable Council Building Policy.	21/22	This aligns with actions 1.1 and 3.1 and supports target of 90% Council actual emission reduction by 2030. The updated policy will enable progressive improvement to the environmental sustainability performance of Council buildings.
6.2 Engage an officer to increase support for community sustainability education and initiatives.	21/22 22/23	This aligns with actions 1.12, 2.5, 3.4, 4.6, 5.6, 6.11 and 6.15 and supports the target to have 3,000 participants each year in sustainability workshops or education opportunities.
6.3 Develop and implement a Climate Action Plan community engagement strategy.	21/22	This action supports the target of 60% community emissions reduction by 2030.
6.4 Promote and provide updates on performance in delivering the Climate Action Plan.	Ongoing	This action will communicate our progress to the community.
6.5 Report annually on Council's Climate Action Plan activities.	Ongoing	This aligns with action 6.1 and will communicate our progress to the community.
6.6 Update Council's staff induction process to include climate change.	21/22	This aligns with action 6.2 and will ensure new staff are aware of climate change and Council's commitment to action.

Partnership action description	Time frame	Climate Action Plan linkage
6.7 Expand on the Living for Our Future workshop program, covering a diverse range of sustainability topics (circular economy, energy, electric vehicles, water, biodiversity, climate change).	21/22 22/23	This aligns with actions 6.11, 6.12, 1.12, 2.5, 3.4, 4.6 and 5.6 and supports the target to have 3,000 annual participants in sustainability workshops or education opportunities.
6.8 Develop and roll out a School's sustainability engagement program.	22/23	This aligns with action 6.15 and supports target to have 3,000 annual participants in sustainability workshops or education opportunities.

6.9 Increase funding for climate action grants as part of Council's grant program.	22/23	This aligns with action 6.3 and supports target of 60% community emissions reduction by 2030.
6.10 Provide support for Environmentally Sustainable Development (ESD) in private development through a program of advice and support.	21/22 22/23	This aligns with action 1.11 and supports the target of 60% community emissions reduction by 2030.
6.11 Hold a Sustainable Living Festival to engage with the community.	21/22	This aligns with action 6.11 and supports the target to have 3000 annual participants in sustainability workshops/ education opportunities.
6.12 Support greater sustainability measures through the planning permit assessment process through the recruitment of an Environmentally Sustainable Design (ESD) Officer (EFT 0.4) to implement ESD tools for the assessment of planning applications and contribute to policy development.	21/22	This aligns with action 6.13 and supports the target of 60% community emissions reduction by 2030.

Policy and advocacy action description	Time frame	Climate Action Plan linkage
6.13 Develop a Litter and Pollution Reduction Plan for Boroondara including engagement activities.	22/23	This aligns with action 6.20.
6.14 Collaborate on a joint research project with twenty-seven other Victorian councils and the Council Alliance for a Sustainable Built Environment (CASBE) that aims to elevate Environmentally Sustainable Development targets for new development. Consider a planning scheme amendment to implement the planning policy developed as part of the CASBE joint research project.	21/22 22/23	This aligns with action 6.23 and supports the target of 60% community emissions reduction by 2030.
6.15 Update Council's Procurement Policy to have a greater emphasis on sustainability.	21/22	This aligns with action 6.19 and will ensure consistency in sustainability criteria for Council purchases.
6.16 Provide a submission to the State Government with proposed Environmentally Sustainable Development standards for inclusion in Victorian Planning Schemes.	21/22	This aligns with action 6.23 and supports the target of 60% community emissions reduction by 2030.

Complementary activities

In addition to the above actions grouped by theme, we will continue to undertake complementary activities that support the broad goals and visions of the Climate Action Plan. Examples of complementary activities being undertaken by Council we will continue to undertake can be found in the table below.

Activities	Timeframe
Continue to participate in the Eastern Alliance for Greenhouse Action.	Ongoing
Maintain our Emergency Management Plan that considers likely impacts of climate change.	Ongoing
Pursue opportunities to use smart technologies and IOT (Internet of Things) to achieve greater environmental sustainability.	Ongoing
Continue to strengthen Council's emergency management preparedness through maintaining and building on existing relationships with external emergency management and response agencies and further enhancing the resilience of our community through community engagement initiatives.	Ongoing
Progressively increase the Environmentally Sustainable Design (ESD), including energy efficiency and renewable energy generation, at Council buildings via Council's renewal program in accordance with Council's Sustainable Council Building Policy.	21/22
Expand monitoring and detection programs to identify and repair leaks and water use inefficiencies.	Ongoing
Conduct annual inventory of Council's water use to track the success of our actions and inform future priority actions.	Ongoing
Review how we manage the entire tree lifecycle.	21/22 22/23
Collaborate with Melbourne Water and other local Councils on a Platypus Management Plan.	21/22

Continue to deliver and expand our biodiversity citizen science opportunities.	Ongoing
Develop a plan for the Boroondara section of the Gardiners Creek Corridor and partner with other stakeholders to deliver improvements.	21/22
Continue to facilitate the Teacher Environment Network in collaboration with City of Monash.	Ongoing
Promote and showcase businesses demonstrating leadership to become more environmentally sustainable - via Council's website, social media channels.	21/22
Convene a Local Government Circular Economy Network for council officers across Victoria for the purpose of sharing ideas, information and experiences in the circular economy space.	21/22 22/23
Incorporate environmentally sustainable initiatives into placemaking projects.	Ongoing
Continue to participate in the Metropolitan Waste and Resource Recovery Group South Eastern Alternative Waste Technology project.	Ongoing
Support improved off-road shared or separated bicycle and pedestrian infrastructure (Walmer St bridge, wayfinding strategy, pedestrian priority and accessibility on shared paths).	21/22 22/23
Advocate for improvements to tram stops and other public transport interchanges as part of the Glenferrie Road streetscape and station laneways upgrade.	Ongoing
Pursue opportunities to support community uptake of renewable energy or energy efficiency through Environmental Upgrade Agreements (EUAs) or alternative finance mechanisms.	21/22 22/23

For more information on the Climate Action Plan:

 www.boroondara.vic.gov.au/CAP

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