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# Climate Action Plan

Implementation Plan 2023/24 and 2024/25

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## Implementation Plan 2023/24 and 2024/25

### 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 second Implementation Plan continues to define high priority actions for implementation over the next 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. Where an action has strong links to multiple themes, the action has been included in the Overarching actions section.

## Energy efficiency and renewable energy

Aligns with Boroondara Community Plan Theme 3: The Environment

No.	Action	Alignment to Climate Action Plan	Timeframe
1.1	Install solar photovoltaic (PV) systems as part of Council's building and renewal program with consideration of battery storage where appropriate.	Aligns with action 1.2 and supports the target to install 1MW additional solar PV on Council buildings by 2030.	Ongoing
1.2	Undertake a bulk solar install for Council's tenanted community facilities as a retrofit project with consideration of battery storage where appropriate.	Aligns with action 1.2 and supports the target to install 1MW additional solar PV on Council buildings by 2030.	2023/24 2024/25
1.3	Participate in the DEECA Neighbourhood Battery Initiative grant to undertake a feasibility study for the installation of a community battery in Boroondara. Subject to the outcomes of the feasibility study, implement at least one community battery in Boroondara in FY24/25 - <i>tentative action subject to grant funding and outcomes of the study.</i>	Supports the target of 60% community emissions reduction by 2030.	2023/24 2024/25
1.4	Continue to implement a solar PV bulk buy program for homes and businesses.	Aligns with action 1.9 and supports the target of 50,000kW additional solar PV on buildings in the community by 2030.	2023/24 2024/25
1.5	Continue to provide the Energy Savers service (which provides free advice to businesses about how to become more energy efficient and connects businesses with a selected panel of accredited and trustworthy suppliers) and develop case studies to promote through Council's channels.	Aligns with action 1.15 and supports the target of 60% community emissions reduction by 2030.	2023/24 2024/25

No.	Action	Alignment to Climate Action Plan	Timeframe
1.6	Collaborate with other councils to develop and deliver an energy efficiency information service for the community. This program is intended to replace the service previously provided by the Australian Energy Foundation that ceased operations in 2022.	Aligns with action 1.15 and supports the target of 60% community emissions reduction by 2030.	2023/24 2024/25
1.7	Develop a subsidised energy audit program with targeted interventions for low-income residents.	Aligns with action 1.15 and 1.19, and supports the target of 60% community emissions reduction by 2030.	2023/24
1.8	Undertake energy upgrades at Council facilities prioritising getting off gas works.	Aligns with action 1.3 and supports the target of a 50% reduction in the number of Council buildings using gas by 2030.	2023/24 2024/25
1.9	Continue to provide power monitors for electricity audits and thermal cameras to identify 'leaky' buildings for loan via the Boroondara Libraries. Provide instructions for these in multiple languages, as well as expand the offering to make portable induction cooktops available to borrow to try induction cooking before purchasing.	Aligns with action 1.15 and supports the target of 60% community emissions reduction by 2030.	2023/24 2024/25
1.10	Introduce a new Energy Transitions Officer role - to support our community's transition to low emissions technology (such as electric vehicles and solar panels), as well as provide strategic guidance and practical implementation of electrification of Council and community assets, transition to electric vehicles (EV) etc.	Supports the target of 60% community emissions reduction by 2030 and the target of 90% actual emission reduction by 2030.	2023/24 2024/25
1.11	Support the Electrify Boroondara Project through use of the Hawthorn Arts Centre for an Annual Electrification Event.	Supports the target of 60% community emissions reduction by 2030.	2023/24 2024/25

No.	Action	Alignment to Climate Action Plan	Timeframe
1.12	Offset corporate greenhouse gas emissions to meet Council's carbon neutrality commitment.	Aligns with action 1.4 and supports the target of Council being net carbon neutral by 2022.	Ongoing
1.13	Continue to purchase 100% renewable energy for all Council sites.	Supports the target of 90% actual emission reduction by 2030.	Ongoing

## Biodiversity and trees

Aligns with Boroondara Community Plan Theme 2: Parks and Green Spaces and Theme 3: The Environment

No.	Action	Alignment to Climate Action Plan	Timeframe
2.1	Increase the area managed for biodiversity by one hectare a year and continue to maintain the existing area.	Aligns with action 2.1 and supports the target to have 61 hectares of land managed for biodiversity by 2030.	Ongoing
2.2	Develop a plan for applying biodiversity management principles to Parks sites adjacent to biodiversity sites.	Aligns with action 2.2.	2023/24 2024/25
2.3	Establish woody meadows at non-biodiversity park sites as a trial.	Aligns with action 2.2.	2023/24 2024/25
2.4	Establish a flowering grassland demonstration site.	Aligns with action 2.2.	2023/24 2024/25
2.5	Undertake annual tree planting and renewal of 1000 trees per year.	Aligns with action 2.3. Supports the targets to increase the number of street trees to 80,000 by 2030 and to increase Canopy cover from 28% to 30%.	Ongoing
2.6	Provide 5,000 indigenous tube stock to schools, community groups, friends groups and residents.	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.	2023/24 2024/25
2.7	Develop a Maranoa Gardens school excursion program.	Aligns with action 2.5.	2023/24
2.8	Develop a planting education resource for the community based on environmental performance, site suitability and adaptation to climate change.	Aligns with action 2.5.	2023/24

No.	Action	Alignment to Climate Action Plan	Timeframe
2.9	Provide incentives for community members to renovate their nature strips to enhance biodiversity. This action will align with an update to the Council Urban Biodiversity Strategy and an update to Council's nature strip renovation guidelines.	Aligns with action 2.10 and supports the target for residents and schools to plant 50,000 new indigenous plants including 10,000 trees by 2030.	2023/24 2024/25
2.10	Assess the climate change vulnerabilities of flora and fauna in Boroondara by undertaking an update to the Inventory and Assessment of Indigenous Flora and Fauna in Boroondara.	Aligns with action 6.25.	2023/24 2024/25
2.11	Adopt and begin implementation of the Tree Canopy Strategy (formerly referred to as Urban Forest/Greening Strategy).	Aligns with action 2.11 and 2.8. Supports the targets to increase the number of street trees to 80,000 by 2030 and to increase Canopy cover from 28% to 30%.	2023/24 2024/25
2.12	Update Council's Urban Biodiversity Strategy.	Aligns with action 2.2.	2023/24
2.13	Continue to engage a Landscape Compliance Officer, and make the role permanent, to ensure its ongoing successes with building relationships with contractors and proactively auditing sites to gain compliance with tree protection and tree planting permit conditions.	Aligns with action 2.12.	Ongoing
2.14	Continue to support community groups working in biodiversity areas.	Aligns with action 2.2.	Ongoing
2.15	Deliver the Backyard Biodiversity Project annually to encourage and support residents to create indigenous habitat gardens.	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.	Ongoing

<b>No.</b>	<b>Action</b>	<b>Alignment to Climate Action Plan</b>	<b>Timeframe</b>
2.16	Monitor and publicly report on Council's log hollow habitat enhancement program for sugar gliders and hollow dependent birds and adjust and expand as appropriate.	Aligns with action 2.7.	Ongoing

## Water and waterways

Aligns with Boroondara Community Plan Theme 3: The Environment

No.	Action	Alignment to Climate Action Plan	Timeframe
3.1	Update and implement Council's Integrated Water Management Strategy.	Aligns with action 3.3 and 3.10 and supports the target that Council harvests 65 ML of alternative water per annum.	2023/24
3.2	Trial the implementation of winter irrigation at sites identified in the winter irrigation project database.	Aligns with action 3.13.	2023/24 2024/25
3.3	Finalise the development of a Litter and Pollution Reduction Strategy that includes a cleaner building site program, targeting sediment runoff from development sites, and an engagement and enforcement program.	Aligns with actions 3.6, 3.12 and 6.20.	2023/24 2024/25
3.4	Conduct an annual program of water efficiency retrofits.	Aligns with actions 3.8.	Ongoing
3.5	Participation in the Gardiners Creek (KooyongKoot) Regional Collaboration.	Aligns with action 6.6.	2023/24 2024/25

## Transport

Aligns with Boroondara Community Plan Theme 3: The Environment and Theme 5: Moving Around

No.	Action	Alignment to Climate Action Plan	Timeframe
4.1	Provide separated pedestrian and bicycle paths for the Anniversary Trail between Laurel Rail Link and Ryburne Avenue and between Canterbury Road and Myrtle Road.	Aligns with action 4.8.	2023/24 2024/25
4.2	Investigate, design, consult and deliver protected bike lanes along Kilby Road, Willsmere Road (Earl St to Kilby Rd), Robinson Road and Auburn Road.	Aligns with action 4.10.	2023/24 2024/25
4.3	Implement improved T-intersection treatments for bicycle riders.	Aligns with action 4.10.	2023/24 2024/25
4.4	Provision of handrail lighting along Railway walk between Camberwell and East Camberwell stations.	Aligns with action 4.11.	2023/24 2024/25
4.5	Continue to provide energy efficient park lighting along our shared paths including, Anniversary Trail between Whitehorse Rd and Canterbury Rd.	Aligns with action 4.11.	2023/24 2024/25
4.6	Provide sustainable transport initiatives for the community, including schools and businesses. Example initiatives include, the Boroondara Active and Safe program, bike skills courses, and bike repair events.	Aligns with actions 4.6 and 4.12.	2023/24 2024/25
4.7	Adopt Council's Car Share Policy and Procedures.	Aligns with action 4.21.	2023/24

No.	Action	Alignment to Climate Action Plan	Timeframe
4.8	Install EV charging infrastructure at two community sites per annum.	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.	2023/24 2024/25
4.9	Pursue opportunities to partner with commercial providers to install and operate EV charging for community. Chargers may be installed in Council managed car parks under lease agreements.	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.	2023/24
4.10	Engage with the Victorian Government and Distribution Businesses to support opportunities for on street EV charging for residents without off street parking.	Aligns with action 4.7.	2023/24
4.11	Expand EV charging infrastructure for Council fleet and operations.	Supports the target that Council fleet is 90% electric (or alternative low emissions option) by 2030.	2023/24 2024/25
4.12	Prioritise the purchase and lease of EVs for Council fleet and operations.	Aligns with action 4.1 and supports the target that Council fleet is 90% electric (or alternative low emissions option) by 2030.	Ongoing
4.13	Pursue opportunities to include electric vehicle and bicycle charging in all relevant Council building works.	Aligns with action 4.3 and supports the target that there is access to EV charging within 2 km of all activity centres by 2030.	Ongoing

## Circular economy (waste)

Aligns with Boroondara Community Plan Theme 3: The Environment and Theme 5: Moving Around

No.	Action	Alignment to Climate Action Plan	Timeframe
5.1	Continue to implement the FOGO program and identify opportunities to expand the service.	Aligns with action 5.5 and supports the target of 80% diversion of waste from landfill by 2030.	Ongoing
5.2	Assess feasibility to commence using compost created from kerbside-collected FOGO in Council's open spaces and parks where appropriate.	Aligns with action 5.4.	2023/24
5.3	Investigate opportunities to provide the compost created from kerbside-collected FOGO to the community for personal use.	Aligns with action 5.6.	2024/25
5.4	Provide education to privately serviced multi-unit dwellings and commercial properties on private food waste recycling options.	Aligns with action 5.7.	2023/24 2024/25
5.5	Plan a trial program to connect businesses with leftover food or other goods with charity organisations in need of the items.	Aligns with action 5.7.	2023/24
5.6	Conduct a waste audit of commercial properties to establish a baseline and identify targeted opportunities to reduce waste.	Aligns with action 5.7.	2023/24
5.7	Deliver circular economy capacity building programs such as Go Full Circle to local businesses.	Aligns with action 5.7.	2023/24 2024/25

No.	Action	Alignment to Climate Action Plan	Timeframe
5.8	Develop a recycling and waste toolkit / educational resource for businesses.	Aligns with action 5.7.	2023/24
5.9	Develop resources to support the community to prioritise local services such as a local repair services directory and local op shop directory.	Aligns with action 5.6.	2023/24
5.10	Develop opportunities to encourage the use of alternatives to Council's hard waste service by providing education and resources on the hard waste booking webpage.	Aligns with action 5.6.	2023/24
5.11	Investigate and educate the community on options available for recycling collection or drop off for Solar PV panels.	Aligns with action 5.1.	2023/24
5.12	Continue to deliver a reusable nappy education program.	Aligns with action 5.6 and supports the target of 80% diversion of waste from landfill by 2030.	2023/24 2024/25

## Overarching

Aligns with Boroondara Community Plan Theme 3: The Environment

No.	Action	Alignment to Climate Action Plan	Timeframe
6.1	Provide the community with access to Climate Action Grants, for new projects, services, programs and activities that strengthen the community's capacity to reduce emissions, and/or adapt to the impacts of climate change.	Aligns with action 6.3 and supports target of 60% community emissions reduction by 2030.	2023/24 2024/25
6.2	Deliver an expanded community education and advice program including conducting a feasibility assessment for an onsite demonstration venue.	Aligns with action 1.12 and supports target of 60% community emissions reduction by 2030.	2023/24 2024/25
6.3	Embed climate action into staff roles and responsibilities and performance management.	Aligns with action 6.5.	2024/25
6.4	Participate in the Eastern Alliance for Sustainable Learning to provide teacher engagement and sustainability support for schools.	Aligns with action 6.15.	2023/24 2024/25
6.5	Hold a Sustainable Living Festival engage with the community about sustainable living.	Aligns with action 6.11.	2024/25
6.6	Promote Council action on climate change and the benefits of community action through the Climate Action Plan Hub and other Council communications, such as the Boroondara Bulletin and social media.	Aligns with action 6.4.	Ongoing
6.7	Continue to evolve the Living for Our Future workshop program, to address emerging sustainability issues and community interest and needs.	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.	Ongoing

No.	Action	Alignment to Climate Action Plan	Timeframe
6.8	Continue to engage an officer to increase community sustainability education and initiatives.	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.	2023/24 2024/25
6.9	Roll out a school's sustainability education program for primary and secondary school students.	Aligns with action 6.15 and supports target to have 3,000 annual participants in sustainability workshops or education opportunities.	Ongoing
6.10	Pursue opportunities for enhanced data collection and monitoring for reporting on climate actions and impacts.	Aligns with action 6.25.	Ongoing
6.11	Continue to provide support for community leadership on climate action.	Supports the target of 60% community emissions reduction by 2030.	Ongoing
6.12	Pending the Minister's authorisation, carry out the planning scheme amendment developed as part of the CASBE joint research project. If authorisation isn't given, continue to advocate for increased Environmentally Sustainable Development targets.	Aligns with action 6.23 and supports the target of 60% community emissions reduction by 2030.	2023/24 2024/25
6.13	Continue to provide support for Environmentally Sustainable Development (ESD) in private development through a program of advice and support (includes 0.5 EFT).	Aligns with action 1.11 and supports the target of 60% community emissions reduction by 2030.	2023/24 2024/25
6.14	Include a sustainability category in the Urban Design Awards.	Aligns with action 1.11.	Ongoing

No.	Action	Alignment to Climate Action Plan	Timeframe
6.15	Implement the Sustainable Council Building Policy to progressively enhance the environmental performance of Council buildings.	Aligns with action 1.1 and 3.1. Supports the target of 90% actual emission reduction by 2030.	Ongoing
6.16	Respond to calls for submissions and advocate on matters that align with Climate Action Plan objectives as appropriate.	Aligns with the advocacy actions outlined in each Climate Action Plan theme.	Ongoing
6.17	Continue to participate in the Eastern Alliance for Greenhouse Action.	Aligns with action 6.6.	Ongoing
6.18	Continue to participate in the Council Alliance for a Sustainable Built Environment.	Aligns with action 6.6.	Ongoing
6.19	Maintain our Municipal Emergency Management Plan, which includes our Heat Health Plan that outlines Council's approach to assist, educate and alert vulnerable community members of a declared heat health alert. This includes promoting the use of "cool places" as an alternative refuge from heat.	Aligns with action 1.16.	Ongoing
6.20	Continue to convene the Internal Advisory Committee for the Climate Action Plan (which includes members of the executive and up to six Councillors) to provide advice and support for the delivery of the Boroondara Climate Action Plan across the organisation.	Aligns with actions 6.5 and 6.10.	Ongoing