

## Nillumbik Climate Action Plan - Year 2 (2023/24) Implementation Plan

**The three goals of the Nillumbik Climate Action Plan 2022-2032 are to:**

- Goal 1 (Council mitigation) – Reduce Council's direct contribution to climate change. *Target: Net-zero Council emissions by 2030.*
- Goal 2 (Council adaptation) – Prepare for, respond and adapt to the risks and impacts of a changing climate on our community, environment, infrastructure and services.
- Goal 3 (Community mitigation & adaptation) – Support our community to reduce their contributions to climate change and to adapt and be resilient to climate change risks and impacts. *Target: Net-zero community emissions by 2035.*

Actions		Contributes to Goal #	New initiative or ongoing
<b>Focus Area 1: Strong climate action leadership and culture</b>			
1	Annually report on climate-action initiatives delivered and progress to date against indicators and targets; and prepare the next year's annual implementation plan.	All	Ongoing
2	Finalise and commence implementation of a <i>Climate Action Communications Plan</i> . Will include calls to action and promotion of proactive Council and community initiatives.	All	Ongoing
3	Build upon the climate action training that was undertaken by 60% of Council staff in Year 1 by providing a) climate action training to new and existing Council staff and b) ongoing climate action support/advice to Council teams.	All	Ongoing
4	Consider climate risks and impacts (and adaptation and mitigation solutions) in the development of new Council policies, strategies and plans. In 2023/24 these will include: <ul style="list-style-type: none"> <li>– Review of Council's tree management policy and supporting guidelines</li> <li>– Completion of the new Neighbourhood Character Strategy</li> <li>– Develop a new Biodiversity Strategy</li> <li>– Investigation into measures to enhance the urban tree canopy</li> <li>– Master planning (phase B) for community facilities in Diamond Creek, including recreation and community precincts and buildings</li> <li>– Completion of new Integrated Transport Strategy</li> <li>– Commencement of a review of the Integrated Water Management Plan</li> <li>– Completion of the new Domestic Wastewater Management Plan</li> <li>– Consider ESD principles in the Nillumbik Planning Scheme.</li> </ul>	All	New
5	Annually identify Council priorities for climate action advocacy and embed within Council's advocacy process	All	Ongoing
<b>Focus Area 2: Having a climate resilient, adaptive and safe community</b>		Contributes to Goal (s)	Timing
6	Develop a 5-year plan to evolve Edendale Community Environment Farm into a community Climate Action Hub. This will include investigating ways that Edendale can demonstrate climate action (mitigation and adaptation) and ways Edendale can support community climate education and action.	All	New
7	Continue to identify existing climate action focused groups and initiatives in Nillumbik, and explore whether there are ways that Council might be able to help support or promote them	3	Ongoing
8	Continue Council's support for sustainability education initiatives delivered by the community, including tendering out a new multi-year 'Practically Green' tender/grant.	3	New
9	Continue to offer Council-delivered sustainability courses and explore opportunities for our Living & Learning Centre's and Edendale to collaborate to deliver a broader course offering.	3	New
10	Help raise community awareness of climate-action initiatives that people can participate in/avail of, to support them to mitigate or adapt to climate change	3	Ongoing
11	Investigate trialling the delivery of a climate change educational program to local secondary schools as an incursion program ( <i>Also a Youth Strategy action</i> )	3	New
12	Collaborate to deliver sustainable living and environment workshops, events and initiatives to local schools and other young people ( <i>Youth Strategy initiative</i> )	3	New
13	Deliver a 'mental health for climate anxiety' workshop for young people and the general community	3	New
14	Update Council's lease agreement template to incorporate reference to the Climate Action Plan and information to community tenants on accessing climate action support from Council.	3	New
15	Deliver the 'Disaster Resilient Nillumbik' project that aims to help lessen the effect of potential catastrophic natural events by enhancing community disaster preparedness and resilience.	3	New
16	Continue to participate in Regional emergency management forums with partner agencies	2 & 3	Ongoing
17	Continue to deliver bushfire preparedness information for the community in conjunction with the CFA and other partners.	3	Ongoing
18	Continue to convene an internal 'climate change impacts on health' working group to identify priorities and opportunities for collaborative action using evidence from climate behaviour related data and community feedback, with a focus on priority groups.	All	Ongoing
19	Share agency heat health and other climate-related health messages and warnings to the community via Council media channels.	3	Ongoing
<b>Focus Area 3: Having a climate resilient natural environment</b>		Contributes to Goal (s)	Timing
20	Continue the review of Council's Biodiversity Strategy and Invasive Species Action Plan with a climate resilience lens	2 & 3	Ongoing
21	Continue to provide the community with biodiversity and land management guidance that is climate responsive, including via the Gardens for Wildlife program and Land Management Incentive Program.	3	Ongoing
22	Continue to investigate measures to enhance the urban tree canopy	2 & 3	New

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23	Implement Council bushland reserve Bushfire Management Plans, and annual Bushfire Mitigation Works Program	2	Ongoing
24	Deliver, promote and support initiatives such as Council and community delivered food growing demonstrations and workshops, community food gardens and provision of sustainable agriculture advice	3	Ongoing
25	Development and delivery of a Regenerative Agriculture Program specifically for Ag based businesses in the Shire.	3	New
26	Create a new food growing garden at Edendale that demonstrates growing techniques that are adaptable in a changing climate	3	New
<b>Focus Area 4: Having climate responsive Council services, facilities/buildings and infrastructure</b>		Contributes to Goal (s)	Timing
27	Have service continuity plans in place for extreme heat, rainfall, flood and fire danger days which take into account predicted climate conditions	2	Ongoing
28	Continue to train staff to prepare for emergency events to support agencies and the community	2	Ongoing
29	Implement Council's mowing program via a process that is timely and that can be adaptive in preparation for, and in response to, weather and climate (including heavy rains, drought and bushfire season).	1&2	Ongoing
30	Complete Council's new 'sectorisation project' which seeks to further enhance how Council allocates resources and prepares for storm events, in order to minimise the time that roads, footpaths, trails and drainage systems are out of action and to help them to remain safe and fit for purpose, therefore minimising inconvenience and safety issues for the public.	2	New
31	Complete an audit of Council's static fire tanks	2	New
32	Commence the design and installation of a roof over the Diamond Creek netball courts to provide enhanced rain and sun protection.	2	New
33	Install a Shade Sail over the amphitheatre at Edendale to support Sunsmart outdoor learning and school education programs	2	New
34	Commence a review of Council's 'Ecologically Sustainable Development (Building, design and works) (ESD) Policy 2011'.	1 & 2	New
<b>Focus Area 5: Achieving zero emissions energy use</b>		Contributes to Goal (s)	Timing
35	Consider and trial option(s) to provide a new local energy advice service for the Nillumbik community	3	New
36	Review the Council funded 'Practically Green' program of events that help promote sustainable living and zero emissions options for the community and determine future delivery model.	3	New
37	Help raise community awareness of the energy/energy efficiency bulk buy initiatives that they can participate in (e.g. Solar Homes, Victorian Efficiency Upgrades, CEN bulk buy program)	3	Ongoing
38	Continue to help identify and support feasible opportunities for local community renewable energy / battery / micro grids / virtual power plants, via collaboration with community partners and the network provider as opportunities arise.	3	Ongoing
39	Obtain energy efficiency audits for Council's largest leisure facilities to identify future emission reduction opportunities at these venues.	3	Ongoing
40	Investigate opportunities to support the tenants of Council facilities with installing solar generation and storage systems.	3	New
41	Implement Council's <i>2023-2030 Zero Emissions roadmap</i> that guides Council's transition to net-zero emissions by 2030, with a focus in Year 2 on:	1	Ongoing
	a) Continuing to deliver the Solar Farm project in Plenty ( <i>Council Plan initiative</i> )	1 & 3	Ongoing
	b) Investigating the feasibility of upgrading electricity supply infrastructure at Council's Operations Centre and at Edendale, to support electric vehicle transition	1	New
	c) Commencing a phased implementation of the Edendale Energy Master Plan 2023, which is seeking to lead Edendale to net zero emissions before 2030	All	New
	d) Continuing to deliver sustainability upgrades at council facilities via Council's annual Climate Action Fund. In Year 2 this is planned to include assets across the shire such as preschools, leisure, sporting, community facilities and council facilities.	1	New
	e) Progressing the replacement of Nillumbik's existing mercury vapour street lighting with LED lighting	1	New
	f) Auditing other street lighting managed by Council (including T5, sodium and decorative) to confirm future energy efficiency upgrade options.	1	New
	g) Progressing the Diamond Creek Pool gas to electric transition.	1	New
42	Incorporate ESD principles and PV solar generation within the design of the new Diamond Creek Pool Pavilion	1	New
43	Investigate alternative power sources for flashing lights that are used as part of Council traffic management operations.	1	New
<b>Focus Area 6: Enhancing sustainable transport</b>		Contributes to Goal (s)	Timing
44	Consider whether any upgrades to bike parking facilities at or near Council facilities are required to help encourage and support staff to ride.	1	New
45	Complete the development of a new Integrated Transport Strategy that includes climate consideration.	2 & 3	Ongoing
46	Complete and adopt the trails network implementation framework.	3	Ongoing

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47	Implement Council's annual program of footpath installation in key locations where there is currently no footpath. Triaged list.	3	Ongoing
48	Implement new work practices for the drivers of Council's heavy fleet, to reduce the time a truck is idling through the day in order to reduce emissions and fuel wastage.	1	New
49	Continue to operate a Local Producers Directory that supports and encourages residents to 'buy local' and 'reduce food miles'.	3	New
50	Continue to transition Council's passenger fleet and explore placement opportunities for electric charging stations for Council vehicles.	1	Ongoing
51	Continue to participate at a regional level around placement opportunities for electric vehicle charging stations, while exploring targeted placement opportunities for electric charging stations in the Shire ( <i>Council Plan initiative</i> )	1 & 3	New
52	Continue to provide and maintain Council's community electric vehicle charging stations, including at the Eltham Leisure Centre; Diamond Valley Sports and Fitness Centre, Greensborough; and Community Bank Stadium, Diamond Creek	3	Ongoing
53	Investigate installing a bike repair station and additional bike racks at Edendale, and stocking puncture repair kits for sale.	3	New
<b>Focus Area 7: Achieving a zero waste and circular economy</b>		Contributes to Goal (s)	Timing
54	Work with the Victorian government to introduce a container deposit scheme in Nillumbik in 2023.	3	23/24
55	Provide ongoing services that enable the recovery of materials to divert them from landfill, including: the provision of small e-waste collection hubs at various locations across the Shire, the Kerbside recycling collection service, hard-waste collection service for residents, hosting Detox Your Home, the Nillumbik reuse shop and Council's Recycling Centre in Plenty.	3	Ongoing
56	With grant funded support from Sustainable Victoria, deliver the following new projects that support the community (residents and businesses) to avoid and reduce waste generation:		
	a) Implement the 'Best Practice reusable nappy program' which builds on research to most effectively increase the uptake of reusable nappies within the community, and which will develop regional benchmark data to measure the impact of the program in terms of a reduction of waste to landfill.	3	New
	b) Assess the viability of online garage sales by trialling the GarageSaleit platform (subject to grant outcome).	3	New
	c) Build the capacity of Nillumbik businesses to consider circular economy opportunities, via delivery of a Going Full Circle capacity building program (subject to grant outcome).	3	New
	d) Implement a suitable waste and recycling model in the Research shopping strip that helps businesses address their common waste avoidance, reduction and recycling issues.	3	New
57	Deliver a circular economy pilot program for (10) businesses in the Shire in partnership with Monash Business School.	3	New
58	Promote and help to build the sharing and repair economy across Nillumbik, including investigating the feasibility of hosting a repair café at Edendale.	3	New
59	Continue to operate a Council service that collects and diverts Nillumbik's green waste from landfill to reduce methane emissions and return carbon to soils.	1	Ongoing
60	Review and improve Council's compost and worm farm subsidy program to help provide cost effective home composting tools for residents and to encourage more households to recycle food waste at home.	3	New
61	Develop and deliver a new food-waste diversion campaign that encourages residents to stop putting food waste into their red bins.	3	New
62	Reduce the amount of waste that is generated and that goes to landfill from Council facilities, with a Year 2 focus on Living and Learning Centres and the Eltham Community and Reception Centre (ECRC):		
	a) Consider the recommendations of the recent Waste Management Plan that was prepared for Eltham Living and Learning Centre and how they might also be applied across Councils other Living and Learning centres.	1	New
	b) Investigate options to provide a water bottle refill station at the Eltham Community Reception Centre (ECRC)	1 & 3	New
	c) Establish a new fee-free cutlery, crockery and glassware use agreement for venue hirers at the ECRC to reduce single-use catering waste	1 & 3	New
	d) Provide instructional information for ECRC venue users on how to use its onsite organic waste recovery system.	1 & 3	New
63	Participate in a multi-council Circular Economy Leadership Management Program that is aimed at building the knowledge of Council officers to help lead the transition of council operations to a circular economy (subject to SV grant outcome).	All	New
64	Where appropriate, specify and prioritise the use of recycled materials in Council's construction projects.	1	Ongoing
65	Increase the use of recycled road material in Council's annual grading program. Baseline and target to be nominated this year.	1	New
66	Investigate options for the use of acceptable street sweeping material and waste from storms and roadside drain clearing, so that it can be repurposed rather than disposed of as waste.	1	New
67	Continue to install furniture, such as seats and tables, in our open spaces that is made from recycled plastic or repurposed timber.	1	New
<b>Focus Area 8: Integrated Water Management</b>		Contributes to Goal (s)	Timing
68	Commence a review of Council's Integrated Water Management Plan	1 & 2	New

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Actions		Contributes to Goal #	New initiative or ongoing
69	Finalise and adopt a new Domestic Wastewater Management Plan to enable Council to effectively manage the risk associated with domestic wastewater across the Shire	2 & 3	New
70	Develop an Edendale Integrated Water Management Plan	All	New
71	Implement Council's IQ centrally controlled irrigation program which enables irrigation to be regulated based on weather conditions, to reduce water use and increase efficiencies.	2	Ongoing
72	Consider options to increase the use of non-potable water sources (including use of captured water from the Operations Centre) for use in street sweeping and wetting down unsealed roads as part of annual road grading program. Target to be considered this year.	1 & 2	New