

DRAFT WASTE AND RESOURCE RECOVERY STRATEGY 2030



Strategic plan to 2030

VISION

To transform the Moorabool Shire into a low waste municipality by embracing sustainable practices that increase resource recovery, encourage a circular economy and protect the environment.

GOALS



AVOID

waste creation through education initiatives and improved management practices



RECOVER

more materials by viewing waste as a resource



PROTECT

our community and environment from the impact of waste

TARGETS & MEASURABLES

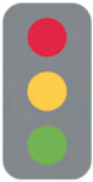
Performance against this strategy will be measured against high-level targets that reflect state and federal government targets. The measurables presented will be used to assess how the targets are tracking.

ACTIONS

Strategic actions have been developed to achieve the targets under each goal.

DELIVERY

Actions will be delivered during a single year (financial), a group of years, or on an ongoing basis as required.



Goal 1: AVOID waste creation through education and improved management practices

The best way to manage waste is to avoid creating it in the first place. As a community and Council, we need to reconsider our relationship with the products we use in our daily lives. We must embrace alternatives to single use items, make the most out of existing materials and adopt a culture of reuse. By reducing waste generation, we can future proof against the rising cost of landfill disposal and leave a lighter footprint on our planet.

Moorabool Shire Council will lead by example in waste minimisation pursuits by embedding sustainable practices within internal policies and operational activities. As a significant procurer of materials, the Shire will further explore how materials like glass, plastic and rubber can be utilised in capital works projects such as roads to reduce reliance on virgin resources. There is also scope to support the circular economy through procurement of everyday office items containing recycled content.

The Shire plays an important role in educating and supporting residents and businesses to seek

sustainable alternatives that are repairable, refillable, re-usable or biodegradable to avoid creating waste. Moorabool will advocate on behalf of the community for investment in new resource recovery infrastructure to enable opportunities such as resale shops, tool libraries and community gardens which not only save resources from landfill but also enhance community connection.

We'd also like to implement a rebate program for householders to access discounts on compost bins, worm farms and other products to empower residents to make a positive change every day. We're excited to work with, promote, and connect with organisations that are already driving innovation in the waste avoidance space.

And most importantly, we will develop an integrated education plan to enable the community to make the best of current and future waste streams.



Key directions

- Lead by example by practicing waste avoidance within council operations
- Develop policies and guidelines for staff and events to reduce single use plastic
- Deliver waste minimisation workshops to schools, businesses, and residents
- Explore local reuse opportunities for community benefit and resilience
- Introduce home waste reduction rebates for initiatives such as worm farms and composting
- Promote organisations that avoid, reduce, reuse, repair and recycle materials and connect them with the community

Goal 1 Actions

1	Prepare integrated Waste and Resource Recovery / Litter and Illegal Dumping Education Plan for delivery. To include: <ul style="list-style-type: none"> Waste avoidance behaviour change campaigns and programs for community groups, businesses, schools, real-estate agents Educational videos for website (what goes in your bins, composting / worm farms etc, Transfer Stations) Revegetation pilot program to promote 'pride of place' in identified illegal dumping hotspots through vegetation regeneration War on Waste pilot program for volunteering households to create community case study Circular Economy pilot program for businesses Support initiatives through our libraries, childcare centres and business networks 	2022
2	Investigate rebate program for home-based waste-reduction initiatives (worm farms, compost bins, reusable nappies)	2022
3	Establish waste generation baseline for Council buildings and operations	2022
4	Investigate feasibility of free / reduced cost green waste drop off in preparation for fire season.	2022
5	Support businesses to transition to the Single use plastics ban 2023	2022
6	Prepare waste management guidelines to assist residential and commercial development planning permit applicants	2023
7	Develop waste reduction and recycling guidelines for use by event organisers for their events	2023
8	Support and participate in regional and state waste avoidance and minimisation programs such as Love Food Hate Waste, Plastic Free July etc.	Ongoing
9	Advocate to state and federal governments for waste minimising design, manufacturing and packaging policy and legislation, and more product stewardship schemes.	Ongoing
10	Investigate supporting circular economy opportunities for local businesses via use of online waste trading platforms (e.g. ASPIRE and others)	2023

Targets to 2026	Targets to 2030	Measurables
	Community	
<ul style="list-style-type: none"> 72% all household waste diverted from landfill 	<ul style="list-style-type: none"> 80% all household waste diverted from landfill 	<ul style="list-style-type: none"> Total kilograms waste per household Outcomes of compositional kerbside stream audits
	Council operations	
<ul style="list-style-type: none"> 50% reduction of food organics sent to landfill Phase out unnecessary single use plastics 20% of waste reduction produced at council sponsored event 	<ul style="list-style-type: none"> 80% reduction of food organics sent to landfill 50% reduction of waste produced at council sponsored events 	<ul style="list-style-type: none"> Track outcomes against baseline / recycling rates / visual waste audits



Goal 2: RECOVER more materials by viewing waste as a resource

When it is not possible to avoid or reduce waste – the next best option is to recycle and recover as much as possible. To ensure we get most of the materials we use – we need accessible, convenient, and equitable resource recovery services. New services and technological innovations will play an important role in recovering more resources in the Moorabool Shire.

Moorabool Shire will introduce new glass and FOGO recycling services to households in the coming years which will significantly increase rates of resource recovery. Increasing recovery of organic waste also reduces greenhouse gas emissions and provides

feedstock for composting to rejuvenate soil. We will explore options to extend these services to business and community groups.

In 2023, the Container Deposit Scheme will be rolled out in Victoria which will have multifaceted benefits: litter reduction, raise funds for community groups and increase recycling. While Moorabool will not directly run the CDS we will provide support to local community groups to establish collection points.



Key directions

- Introduce Recycling Victoria's four stream waste and recycling system
- Explore new opportunities and technologies to recover waste locally
- Deliver targeted education programs to decrease recycling contamination and loss of recyclables to the garbage stream
- Review transfer station infrastructure to increase resource recovery streams
- Provide CDS support for sporting clubs and community groups
- Work with contractors to improve waste data collection to inform future programs
- Advocate on behalf of the community for increased options to recycle soft plastics in the Shire

Goal 2 Actions

11	Undertake options and cost analysis of mandated services (separate FOGO and Glass) to inform preferred options / timing / bin configurations and associated transition plan for implementation.	2022
12	Investigate the viability of options to assist ratepayers with hard waste disposal – e.g. hard-waste collection service or voucher disposal	2022
13	Review operational model of Transfer Stations. Explore social enterprise opportunities, resale / repair shop feasibility, increase resource recovery (FOGO, concrete, glass, gas bottles, furniture, clothing, soft plastic etc).	2022
14	Develop and implement waste education and behaviour change programs within Council buildings - e.g. food diversion, soft plastic recycling, single-use plastic avoidance	2022
15	Explore establishment of new, and enhancement of existing, community gardens to facilitate local green waste recovery through trials	2022
16	Identify gaps within existing CDS network and explore suitability of Council assets to ensure effective community access	2023
17	Engage with businesses and community groups to determine demand for council kerbside recycling services (commingled, glass and/or FOGO). Implement as appropriate.	2024*
18	Explore opportunities to partner with local farmers to trial food and garden waste composting solutions	2023
19	Promote community partnerships i.e. annual 'sustainability swap meets' – teamed with farmers market / local food vendors etc – support via SV funding or partnerships.	2024
20	Continue regular audit program and Bin It Right bin tagging program to analyse kerbside waste streams	Ongoing
21	Advocate for REDcycle to establish soft plastic recycling drop off points at schools and supermarkets	Ongoing

Targets to 2026	Targets to 2030	Measurables
	Community	
<ul style="list-style-type: none"> Reduce household recycling contamination rate to less than 15% and greenwaste to less than 3% 	<ul style="list-style-type: none"> Reduce household recycling contamination rate to less than 10% and stabilise greenwaste / FOGO at 3% 	<ul style="list-style-type: none"> Outcomes of education and bin inspection programs Contamination rates as per invoices from processor Outcomes of compositional kerbside stream audits
	Council operations	
<ul style="list-style-type: none"> 72% increase in recycling rate 	<ul style="list-style-type: none"> 80% increase in recycling rate 	<ul style="list-style-type: none"> Total kilograms recovered / landfilled



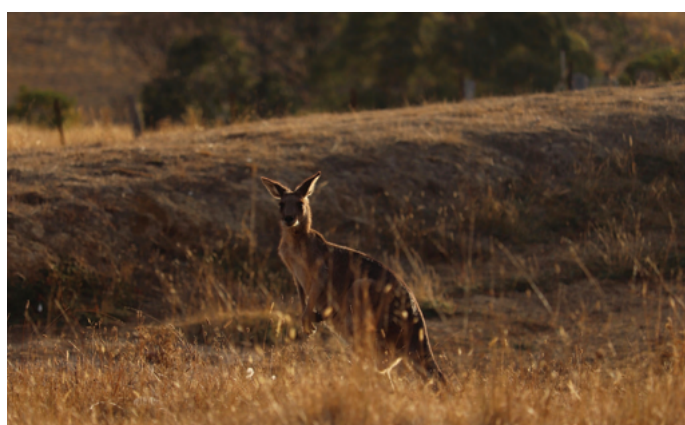
Goal 3: PROTECT our community and environment from impacts of waste

Moorabool has an obligation to deliver services and operate facilities in such a way that minimise environmental harm and demonstrate regulatory compliance. Litter and illegal dumping degrade environmental health, present public health and safety hazards, and costs the community money to clean up.

We currently monitor and track instances of dumped rubbish, but we can advance this work by exploring a united approach between neighbouring councils, the EPA and the community to achieve much more. Education campaigns that raise community

awareness of the impacts of litter on waterways and the greater environment will be a core focus to supplement this work.

Hazardous materials, such as household chemicals, cannot be disposed of in household bins or dropped off at transfer stations. Our role in this space will be to provide the community with the best possible information on appropriate disposal methods, and where possible, establish opportunities for these materials to be managed within our Shire.



Key directions

- Educate and empower the community to take action to protect the environment from litter and illegally dumped rubbish
- Support and coordinate community campaigns to reduce and clean up waste in our parks and waterways
- Improve the amenity of our streets, parks and public spaces
- Commence annual Detox Your Home day for household chemical waste
- Undertake effective and proactive management of litter and graffiti

Goal 3 Actions

22	Advocate for funding opportunities for deterrents and/or surveillance equipment at identified illegal dumping hotspots to better enable enforcement.	2022
23	Investigate feasibility of discount Transfer Station drop months for tyres / mattresses ie regularly dumped items	2022
24	Facilitate annual Detox Your Home day in partnership with Sustainability Victoria for the safe disposal of unwanted household chemicals	2022
25	Explore opportunities to collaborate with neighbouring and aligned councils to prevent and/or mitigate illegal waste activities	2024
26	Continue monitoring illegal dumping hotspots and providing rapid clean up response	Ongoing
27	Partner with local stakeholders to reduce and prevent littering and illegal dumping across the municipality - e.g. Clean up Australia Day	Ongoing

Targets to 2026	Targets to 2030	Measurables
	Community	
<ul style="list-style-type: none"> Reduce the rate of increase in the number of dumped rubbish requests by 15% 	<ul style="list-style-type: none"> Reduce overall amount of illegal dumped rubbish requests by 15% 	<ul style="list-style-type: none"> Community satisfaction survey results Number of dumped rubbish requests

Have your say

Residents, community members and businesses are invited to provide feedback on this Draft Strategy on Moorabool's Have Your Say / engagement hub.

Feedback received will be reviewed and used to shape the final strategy.

Provide your feedback here: <https://moorabool.engagementhub.com.au/waste>

The final Strategy will be presented to Councilors and once endorsed, will become operational by June 2022.

