


Waste and Litter Management Strategy 2025



**HOBSONS
BAY CITY
COUNCIL**



A row of green recycling bins with yellow lids is shown in a park-like setting. The bins are in the foreground, and the background is blurred, showing green foliage and a path. A large, light green, abstract shape is overlaid on the right side of the page.

Acknowledgements

Council acknowledges all language groups of the Kulin Nation as the traditional owners of these municipal lands. We recognise the first people's relationship to this land and offer our respect to their elders past and present.

Council acknowledges the legal responsibility to comply with the *Charter of Human Rights and Responsibilities Act 2006* and the *Equal Opportunity Act 2010*. The *Charter of Human Rights and Responsibilities Act 2006* is designed to protect the fundamental rights and freedoms of citizens. The Charter gives legal protection to 20 fundamental human rights under four key values that include freedom, respect, equality and dignity.

For further information, or to receive a copy of this document in an alternate format, contact Council on (03) 9932 1000.

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VISION

To provide leadership and empower our community to deliver innovative and collaborative solutions to waste and litter management within Hobsons Bay.





MESSAGE FROM THE MAYOR

Waste and litter management – specifically avoiding and recycling waste – is important to us and we know it's important to you. We also know there is an impressive number of people and community groups striving to make Hobsons Bay a sustainable place.

As a Council, we aim to provide innovative, cost effective and accessible waste and litter management services that achieve a high level of diversion of waste and litter from landfill. We also aim for high community satisfaction in our services and active involvement in our programs to avoid waste and litter. Our community groups are highly engaged and we support community-driven waste and litter initiatives.

The Waste and Litter Management Strategy focuses on avoiding, reusing and recycling waste and litter, and the recovery of resources, rather than sending waste to landfill. The strategy also has an important role in addressing climate change through reducing greenhouse emissions associated with waste and litter.

This strategy focuses on areas within Council's control. It highlights initiatives that we can take with the community to contribute to a clean, liveable Hobsons Bay.

Approximately 35 per cent of a Victorian household garbage bin is food waste. Therefore, there is not only a significant opportunity to avoid throwing food away, but also to recover resources from food waste.

Landfill also contributes to greenhouse gas emissions. Landfill can cause pollution of soil, ground and surface water. Dust, odour, litter and pests from landfill also pose health and safety risks for nearby communities, making it all the more vital to introduce food waste recovery services and seek alternatives to landfill.

But Council can't do it alone. It's all of our responsibility and we need your support! We need every household to look at how they can live more sustainably and how we can help one another to solve our waste crisis, together.

Councillor Jonathon Marsden
Mayor of Hobsons Bay

PURPOSE AND GOALS

The key purpose of this Waste and Litter Management Strategy 2025 is to set the directions and innovative actions for waste and litter management in Hobsons Bay which focuses on avoiding, reusing and recycling waste and litter rather than disposal to landfill.

Council's key waste, litter and resource recovery priorities and actions must reflect the strategic framework of the relevant state and national policies, legislation and regulations and aim to deliver economic, environmental and social benefits.

The goals and strategies of the Waste and Litter Management Strategy 2025 are outlined in figure 1.

Goal 1
Reduce and recover
food waste

Strategy 1.1: Avoid food waste
Strategy 1.2: Increase the recovery
of organic waste

Goal 2
Strengthen community
behaviour change

Strategy 2.1: Deliver community education
and support community action

Goal 3
Enable resource recovery facilities
and support local economies

Strategy 3.1: Seek innovative alternatives
to landfill
Strategy 3.2: Support local waste and
resource recovery facilities
Strategy 3.3: Support local economies

Goal 4
A cleaner
Hobsons Bay

Strategy 4.1: Deliver infrastructure
and services that provide clean streets,
parks and foreshore

Goal 5
A Council of Excellence in waste
and litter management

Strategy 5.1: Deliver a high standard
of service and continuously improve,
innovate and lead

Figure 1. Goals and strategies



Abbreviations

EPA - Environment Protection Authority

LGPRF - Local Government Performance Reporting Framework

MWRRG - Metropolitan Waste and Resource Recovery Group

MWRRIP - Metropolitan Waste and Resource Implementation Plan

SWRRIP - Statewide Waste and Resource Recovery Infrastructure Plan



INTRODUCTION

Waste, resource recovery and litter management is a complex environmental, economic and social issue that impacts all levels of government. It has several facets, all of which can benefit from a clear understanding of the size and nature of waste generation across Australia and locally.

Of concern to many stakeholders is the impact waste has on the generation of greenhouse gas emissions including methane and carbon dioxide, the impact on ground water when disposed to landfill and the amenity impacts of landfill and associated operations. However, there are also growing concerns about the economic and social viability of existing and future waste and resource recovery systems.

Council's waste and resource recovery efforts occur within a national, state, metropolitan, and local strategic context. This impacts how we deliver and plan our services.

Council provides waste, resource recovery, and litter services to its community. This includes garbage, garden waste, recycling and hard waste collection services to households and some businesses. Litter collections, street sweeping, stormwater management, beach cleaning, and seaweed removal are also undertaken by Council along with electronic waste recycling events and a lighting recycling program.

Council delivers awareness raising and behavioural change activities. World Environment Day and Clean Up Australia Day activities as well as education programs delivered through schools. Through our environment grants and on the ground assistance, we support local community group projects to focus on avoiding, reusing and recycling waste and litter.

Council also partners with others within Hobsons Bay and across metropolitan Melbourne to collectively deliver actions. In addition Council actively advocates to federal and state Governments for the needs of Council and the community.

A SNAPSHOT OF HOBSONS BAY'S WASTE AND LITTER PROFILE

The development and implementation of the Waste and Litter Management Strategy 2025 is shaped by a range of factors including Hobsons Bay's waste and litter profile, community feedback, and legislative and policy contexts.

Hobsons Bay covers an area of 64 kilometres and is home to the suburbs of Altona, Altona Meadows, Altona North, Brooklyn, Laverton, Newport, Seabrook, Seaholme, South Kingsville, Spotswood, Williamstown and Williamstown North. In 2017 Hobsons Bay had a population of 95,078. This is forecast to increase to 112,642 by 2036.

The waste and resource recovery profile of Hobsons Bay provides data that helps Council to focus actions as well as set a baseline for establishing targets. For further detail on the waste and litter profile refer to the summary and complete version of the background paper.

During 2017-18:



675,332

garden waste bins were collected from 25,928 properties



2,099,944

garbage bins were collected from 39,780 properties



1,033,000

recycling bins were collected from 39,780 residential properties



1,000

tonnes or **400 car trailers** worth of **illegally dumped rubbish** was collected



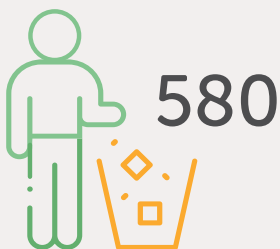
59

cigarette butt bins serviced in shopping precincts across the municipality



8,656

hard waste collections completed



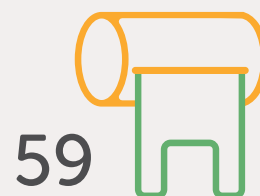
580

litter bins serviced across the municipality



46.3%

recycling rate achieved through the **recycling and green waste services**



59

dog bag dispensers managed across the municipality

Figure 2. Snapshot of Hobsons Bay's waste and litter profile (2017-18)

WHAT WE HEARD

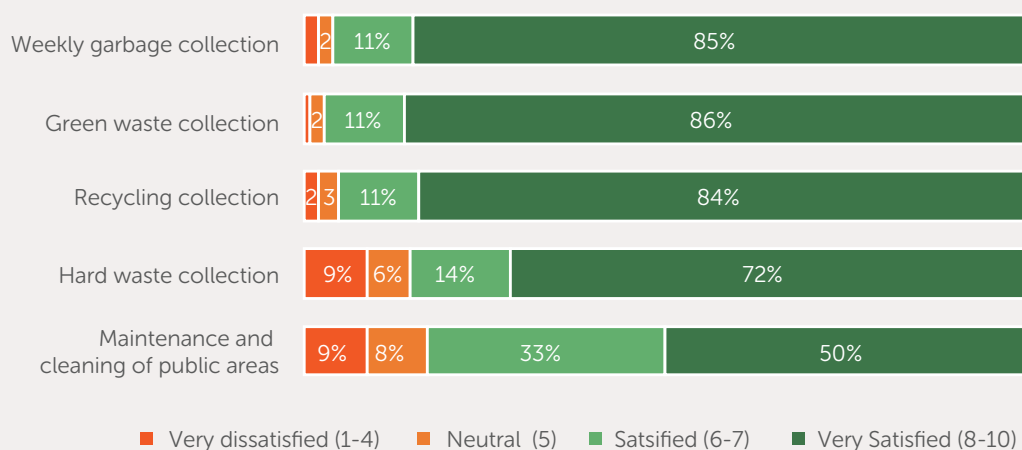
Council's annual community survey is used to measure Council's performance on a range of key indicators including waste and litter. It is undertaken annually through a statistically representative sample of 800 Hobsons Bay residents who indicate their level of satisfaction with Council's services.

In 2018 the garbage, recycling and garden waste collection were within the top four of the 44 services evaluated. The hard waste collection ranked seventh with a slight improvement in satisfaction from 2017. Overall, of the residents surveyed, 96 per cent are highly satisfied or satisfied with Council's waste and recycling collection services and 83 per cent are highly satisfied or satisfied with the maintenance and cleaning of public places (figure 3).

Among the top five responses received during the development of the Hobsons Bay 2030 Community Vision, community members wanted to see a less polluted and a cleaner Hobsons Bay. Stricter controls on polluting industries were also identified as a priority of change for the municipality.

Following media exposure we are aware that there is interest in food waste recycling and concern about where the community's recycling goes. We also know that there is community interest in tackling single use products so that waste is avoided and littering is eliminated.

Overall satisfaction





Satisfaction by precinct (% scoring 8 - 10)

	Altona North, Brooklyn	Spotswood, South Kingsville, Newport	Williamstown, Williamstown North	Altona-Seaholme	Altona Meadows, Seabrook, Laverton
Weekly garbage collection	86%	82%	81%	89%	88%
Green waste collection	84%	81%	80%	90%	90%
Recycling collection	84%	79%	77%	89%	87%
Hard waste collection	69%	59%	73%	77%	79%
Maintenance and cleaning of public areas	44%	47%	46%	63%	52%

Figure 3. Annual Community Satisfaction Survey 2018 – Waste and Litter Services
 (Source: Hobsons Bay Community Satisfaction Survey 2018)




Hobsons Bay
CITY COUNCIL

RECYCLE WITH US


Hobsons Bay
CITY COUNCIL

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GOALS, STRATEGIES AND ACTIONS

Goal 1

Reduce and recover food waste

STRATEGY 1.1: AVOID FOOD WASTE

Council will support the community to avoid waste

Food waste is a complex environmental, economic and social issue that is having an increasingly negative impact on Australia and the world. Of significant concern is the impact food waste has on the generation of greenhouse gas emissions including methane and carbon dioxide and the impact on ground water when disposed to landfill.

There are also growing concerns about the economic and social viability of existing and future food waste disposal systems and food waste when access to food by some communities is limited.

Approximately 35 per cent of a Victorian household garbage bin contains food waste. Of all food waste 60 per cent is avoidable. Throwing away avoidable food waste costs householders around \$2,000 per year.

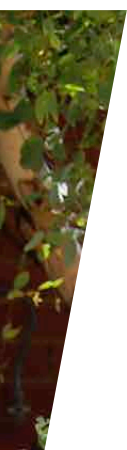
The National Food Waste Strategy provides the strategic direction to reduce Australia's food waste by 50 per cent by 2030.

Council supports food waste avoidance through the delivery of capacity building programs and awareness raising.

Actions to support this strategic commitment are:

Actions	Timeframes	Approximate cost	Funding source
Continue programs targeting food waste avoidance programs including working in partnership with other stakeholders and the community	Continue	\$5,000 per year and staff time	Waste Service Charge





STRATEGY 1.2: INCREASE THE RECOVERY OF ORGANIC WASTE

Council aims to increase the amount of waste diverted from landfill from the household waste service to 54 per cent by June 2022.

It is important to understand that while food waste avoidance is the preferred strategy, it presents a number of challenges. Therefore food waste recovery and avoidance initiatives are likely to be required at the same time and for many years to come if land filling is to be avoided.

An example of food waste recovery is composting and worm farming. Council promotes home composting and worm farming through a range of programs. As of February 2019 a total of 555 composting systems were purchased and 30,000 kilograms of waste has been diverted from landfill, saving over \$6,000 in landfill costs.

Another example is large scale organics recovery and processing facilities. A role of the Metropolitan Waste and Resource Recovery Group (MWRRG) is to build the metropolitan capacity of the organics recovery and processing network and to support councils to implement food waste recovery services for households and commercial food waste producers.

Technologies exist to process food waste collected by councils from householders into other useful products such as compost or mulch. Those few that are in Victoria are relatively new and have required tenders and contracts to establish. They are predominantly tailored to the collection of food waste from garden waste collection systems. They also require end markets for the end product that is produced. Council is part of a regional contract with another 10 councils, the MWRRG and Veolia Environmental (Veolia) for an organics processing plant in Bulla, Victoria. This plant is able to process food waste.

Implementing a food waste recovery system will mean less food waste is sent to landfill and recovered for beneficial use. Introducing a food waste recovery service for Hobsons Bay households that have a garden waste collection service, while retaining the weekly garbage and fortnightly green/food waste collection schedule may mean an eight per cent increase in the amount of waste being diverted from landfill from 46 per cent (2017-18) to 54 per cent. Introducing this service to all households could increase the amount of waste being diverted from landfill by 16 per cent from 46 per cent (2017-18) to 62 per cent.



If all households used the service and food waste collections were altered to weekly and garbage collections altered to fortnightly, the diversion rate could increase by 20 per cent from 46 per cent (2017-18) to 66 per cent.

Introducing food waste recovery services will require further investigation and consideration by Council.

This is because Council will need to understand the communities attitudes towards alternating collection schedules and the additional costs required to implement the change. Testing of models and communication methods with the community is an important part of this research.

Reducing the size of garbage bins from 120 litre is also likely to mean less food waste is sent to landfill but also contribute to the recovery of more resources such as plastic, paper, and cardboard. This will also require further investigation and consideration by Council.

Supporting the commercial sector to implement food waste recovery systems could also contribute to a reduction in greenhouse emissions and avoided landfill.

Actions to support this strategic commitment are:

Actions	Timeframes	Approximate cost	Funding source
Trial food waste recovery services	By December 2019 (or earlier)	\$50,000 - \$100,000	Waste Management Financial Reserve
Prepare a business case seeking to implement food waste recovery services to all households by 2022	June 2020	Within staff time	Waste Service Charge
Investigate food waste recycling options for the commercial sector	June 2022	Within staff time	Waste Service Charge
Explore the introduction of smaller garbage bins	2020	Within staff time	Waste Service Charge
Develop a policy and process to establish community gardens and community compost initiatives	Commence 2019	Within staff time	Operational
Continue Council's involvement in subsidy schemes for home composting or worm farming systems	Continue	\$30,000 per year and staff time	Waste Service Charge

Goal 2

Strengthen community behaviour change

STRATEGY 2.1: DELIVER COMMUNITY EDUCATION AND SUPPORT COMMUNITY ACTION

Council will support community behaviour change and education that avoids, reduces, reuses and recycles waste and litter.

Council's community engagement and education on waste and litter initiatives is very important and has shown to be valued by the community. Key elements of Council's focus will include avoiding and reusing before recycling, treatment or disposal. There will be a focus on food waste avoidance, reducing the use of single use plastics, recycling right, litter reduction, and electronic waste (e-waste) recycling.

The standardisation of bins to the Australian Standards (4123) may also make it easier for the Hobsons Bay community to recognise which bin to use for which type of waste or recyclable and for systems to be consistent across Australia. Larger recycling bins may also encourage more recycling.

Council will continue to support and empower community groups and organisations to share knowledge and expertise as well as collaborate in the development and implementation of waste and litter programs. This will include providing environment grants, promoting community activities, and providing staff support for these activities.

In response to the Hobsons Bay 2030 Community Vision, Council established seven Portfolio Advisory Committees to support the development and implementation of Council's strategic directions outlined in the Council Plan 2017-21. The purpose of the advisory groups is to actively engage with the community and stakeholders and to bring together local knowledge and expertise on seven key areas.

The focus of the Environmental Sustainability Portfolio Advisory Committee is to embed environmental sustainability in Council decision making, operations and services to enhance Hobsons Bay's position as a leading Council in Melbourne's western region. The committee also supports the implementation of Council's suite of environmental and waste management policies and assists in identifying key advocacy opportunities in relation to sustainability and environmental issues of relevance to Hobsons Bay.



Actions to support this strategic commitment are:

Actions	Timeframes	Approximate cost	Funding source
Empower community groups and organisations to develop and deliver innovative community led waste and litter projects	Continue	\$20,000 per year and staff time	Waste Service Charge
Investigate incentivising resource recovery actions of users of Council's waste and recycling services	2019-20	Within staff time	Waste Service Charge
Improve Council's information on waste and litter management resources available to businesses	2019	Within staff time	Waste Service Charge
Explore the standardisation of bins to the Australian Standards (4123)	2020	Within staff time	Waste Service Charge
Trial variations to recycling systems including the introduction of larger recycling bins	2019-20	\$50,000 to \$100,000	Waste Management Financial Reserve
Provide community engagement and education on waste and litter initiatives focusing on reducing the use of single use plastics, food waste avoidance, reusing, recycling right, litter reduction and e-waste recycling	Continue	\$28,000 per year and staff time	Waste Service Charge

Goal 3

Enable resource recovery facilities and support local economies

STRATEGY 3.1: SEEK INNOVATIVE ALTERNATIVES TO LANDFILL

Council will explore alternatives to landfill that have environmental, social and financial benefits for the community.

Alternative waste treatment facilities can sort and recover mixed waste that would otherwise be sent to landfill and process it into useful products such as energy and heat. The Statewide Waste and Resource Recovery Infrastructure Plan (SWRRIP) identifies opportunities for increasing recovery of materials from residual waste. A goal of the SWRRIP is that landfills will only be for receiving and treating waste streams from which all materials that can be viably recovered have been extracted.

The SWRRIP highlights that waste to energy may play a role in reducing the reliance on landfill. However, the viability of large-scale solutions has yet to be tested in the Victorian context. Economic and transport assessment for the SWRRIP highlighted that waste to energy options for the recovery of energy from residual waste showed a positive net benefit to Victoria.

Modelling showed that with sufficient investment in infrastructure, diversion of 45 to 50 per cent of the waste currently going to landfill could be achieved over the life of the SWRRIP.

The Metropolitan Waste and Resource Recovery Implementation Plan (MWRRIP) states that a broad range of technologies could be successfully established in metropolitan Melbourne. Deployment of technology types in Melbourne will need to be determined through market processes, as this will ensure the sector puts forward and commissions technology options that can be sustainable in the metropolitan Melbourne context. In addition it will need to align with Victorian Government policy, meet all regulatory requirements and be a viable alternative to landfill that provides the best environmental and community benefit, meet the needs of municipal and commercial waste generators, and develops and maintains a social license to operate.





In 2018 the MWRRG prepared a business case to inform local government’s decision about joining a potential group procurement for alternative waste treatment facilities. Key findings of the business case were that:

- alternative waste treatment can recover more resources from waste currently sent to landfill and help keep more waste out of landfill
- food and garden organics recycling is important but some form of energy recovery will be required
- alternative waste treatment will deliver environmental and social benefits’ including a reduction in carbon emissions and the creation of jobs
- the minimum quantity of waste that a financially viable facility will process is 150,000 tonnes per year. Therefore councils will need to work together to boost Melbourne’s resource recovery capability, limit the amount of municipal waste sent to landfill and secure significant investment in new infrastructure

Alternative waste treatment technologies can generate a variety of pollutants, including gases, bioaerosols, dusts and odours which require control through the design and operation of the facility. There are also regulatory controls to avoid these impacts.

The Business Case recommends that councils partner with the MWRRG to investigate these alternative waste treatment solutions further.

There is also opportunity for Council to investigate solutions independent of the MWRRG process. This will require a feasibility study and/business case as well as locating suitable land and testing community appetite to host such a facility within the municipality.

Of note is that the implementation of alternative waste treatment solutions are likely to take longer than the term of this strategy.

Actions to support this strategic commitment are:

Actions	Timeframe	Approximate cost	Funding source
Seek collaborative opportunities to procure innovative alternatives to landfill	Commence in 2019	Within staff time	Waste Service Charge
Develop a business case for Council exploring alternative landfill solutions on its own	2021	Within staff time	Waste Service Charge and Operational
Advocate for the implementation of alternatives to landfill including funding support to local government	Continue	Within staff time	Waste Service Charge



STRATEGY 3.2: SUPPORT LOCAL WASTE AND RESOURCE RECOVERY FACILITIES

Council will facilitate the establishment of local resource recovery facilities.

Resource recovery centres and waste transfer stations separate waste from recycling. These facilities compress materials, reducing the number of vehicles needed to transport waste to reprocessing facilities or landfills. Drop off facilities allow households and businesses to drop off waste that cannot be put into kerbside bins.

There is opportunity to provide local small scale recycling hubs at Council’s community centres or libraries and other waste and resource recovery facilities within Hobsons Bay. Recycling in public places also provides another opportunity for the community to recycle and reduce waste being sent to landfill. The Victorian Government also has a role in establishing resource recovery facilities. Council will continue to advocate to the state government to ensure effective outcomes.

Actions to support this strategic commitment are:

Actions	Timeframe	Approximate cost	Funding source
Develop a business case and implement local small scale recycling hubs within Hobsons Bay	2019-20	\$25,000 year 1 and staff time	Waste Service Charge
Develop a business case exploring local waste and resource recovery facilities or mobile recycling systems	2021-22	Within staff time	Waste Service Charge
Explore opportunities for the expansion of public place recycling	2020	Within staff time	Waste Service Charge
Support the Detox Your Home program, and provide lighting and electronic waste recycling services	Continue	\$26,000 per year and staff time	Waste Service Charge
Advocate for community access to chemical and electronic waste collection and recycling services	Continue	Within staff time	Waste Service Charge
Advocate for increased funding support from the Victorian Government to councils and communities from the landfill levy through the Sustainability Fund	Continue	Within staff time	Waste Service Charge

STRATEGY 3.3: SUPPORT LOCAL ECONOMIES

Council will support market development in the waste and recycling sector.

The Australian and Victorian Governments have key roles in the waste and resource recovery economy. Council can support local reprocessing of waste and recycling materials into beneficial uses within Australia through its contracts and purchasing policies and practices.

Actions to support this strategic commitment are:

Actions	Timeframes	Approximate cost	Funding source
In Council's waste and recycling contracts seek local reprocessing of waste and recyclable materials into beneficial uses within Australia	2019 to 2021	Within staff time	Waste Service Charge
Advocate for local reprocessing of waste and recycling materials for beneficial uses within Australia	Continue	Within staff time	Waste Service Charge
Advocate for procurement programs to increase the purchasing of locally reprocessed/ remanufactured products	Continue	Within staff time	Waste Service Charge



Goal 4

A cleaner Hobsons Bay

STRATEGY 4.1: DELIVER INFRASTRUCTURE AND SERVICES THAT PROVIDE CLEAN STREETS, PARKS AND FORESHORE

Council will continue to maintain clean and healthy public places.

Council's waste and litter management services are of a high standard and provide value for money. They are also very important to the community. Council regularly undertakes service reviews to continuously improve service delivery.

The quality and quantity of data about the amount and type of litter in and entering Hobsons Bay requires a review to assist Council to target its efforts and resources.

Council cannot create a cleaner Hobsons Bay on its own. It needs the community, industry, business and government to act. Council will continue to support and empower community groups and organisations to share knowledge and expertise as well as collaborate in the development and implementation of litter programs. This will include providing environment grants, promoting community activities, and providing staff support for these activities. Council will also advocate to all levels of government to increase enforcement, and introduce initiatives to prevent litter.

Actions to support this strategic commitment are:

Actions	Timeframes	Approximate cost	Funding source
Prepare a Drainage Asset Management Plan reviewing opportunities to capture more litter from the drainage network	Commence in 2019	Within staff time	Operational
Develop and adopt consistent and regular collection, recording and reporting of litter data	2022	Within staff time	Waste Service Charge
Trial a container deposit system	2020	\$50,000 to \$75,000 per year and staff time	Future budget review
Explore opportunities to repurpose seaweed through a seaweed recycling and reuse trial	Continue	\$25,000	Operational
Provide the current level of litter management services seeking opportunities to continuously improve and recover more resources	Continue	\$1,950,000	Operational
Advocate for the introduction of a container deposit scheme	Continue	Within staff time	Waste Service Charge
Advocate for industry action on product stewardship including reducing the use of single use plastic	Continue	Within staff time	Waste Service Charge
Advocate for increased enforcement, technical advice and support from the Environmental Protection Authority	Continue	Within staff time	Waste Service Charge





Goal 5

A Council of Excellence in waste and litter management

STRATEGY 5.1: DELIVER A HIGH STANDARD OF SERVICE AND CONTINUOUSLY IMPROVE, INNOVATE AND LEAD

Council aims to continuously improve waste and litter services where possible through innovation and to lead by example.

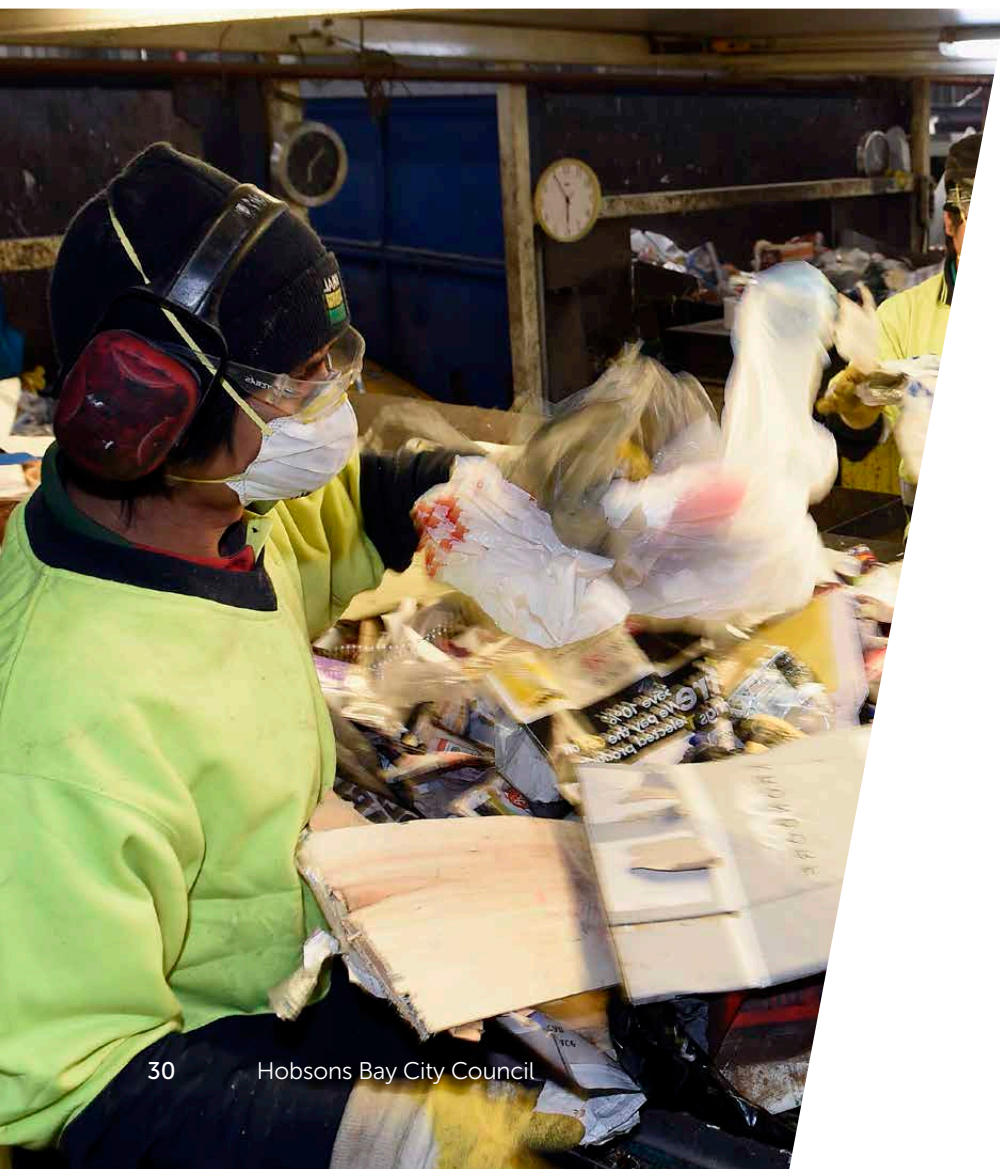
Achieving the best outcomes for Hobsons Bay requires Council to effectively manage risks and maximise opportunities wherever possible. Areas that this strategy strives to be innovative is through the implementation of a household food waste recovery service and seeking alternatives to landfill. Also looking at other opportunities for a greater proportion of our community to have access to a wider range of recycling services.

These include the following:

- a commercial food waste recovery service
- local waste and resource recovery facilities or mobile recycling systems
- recycling hubs in our libraries or community centres

We will also explore the use of alternative fuels in waste, recycling and litter collection fleet to reduce greenhouse emissions from these activities.

Council will work with the community and all levels of government to innovatively address waste and litter in Hobsons Bay. But importantly we will lead by example. Council can support local reprocessing of waste and recycling materials into beneficial uses within Australia through its contracts and purchasing policies and practices. We can also support the purchase of sustainable materials through our buildings and infrastructure.



Actions to support this strategic commitment are:

Actions	Timeframes	Approximate cost	Funding source
Develop a policy and implementation plan to phase out single use products in Council's venues, functions and events	Commence in 2019	Within staff time	Waste Service Charge
Develop and implement a Sustainable Design Policy for Council's built environment and infrastructure to ensure the use of sustainable materials	2019-21	Within staff time	Operational
Explore and trial opportunities to use alternatives fuels in the waste, recycling and litter collection fleet	2021	Within staff time	Waste Service Charge and Operational
Explore options for different types of waste and recycling services and costs that might be suitable for multi-unit developments and commercial properties	2020	Within staff time	Waste Service Charge
Ensure town planning applications are accompanied by a Waste Management Plan for multi-unit and mixed use developments, town houses, industrial and commercial developments to the satisfaction of Council.	2020	Within staff time	Waste Service Charge
Provide one hard waste collection per financial year included in the waste service charge with a second collection on a user pays basis	Continue	\$500,000 per year and staff time	Waste Service Charge
Enhance Council's sustainable procurement commitments with each review of Council's Procurement Policy	Continue	Within staff time	Waste Service Charge and Operational
Advocate for legislative and regulatory improvements to reduce and manage waste and litter	Continue	Within staff time	Waste Service Charge
Advocate to Australian and Victorian Government's for a focus on waste and litter avoidance	Continue	Within staff time	Waste Service Charge

HOW WE WILL MEASURE OUR SUCCESS

Targets and quantitative and qualitative measures have been developed for this strategy to report on progress. Targets also indicate Council's and the community's ambitions to reduce waste, recover resources and reduce littering.

Table 1 provides targets and measures over the course of the strategy. Targets have been based on current baseline data and modelling of food waste recovery scenarios completed for Hobsons Bay that considers participation and potential recovery levels. Targets have also been based on actions in this strategy. Appendix 1 provides the assumptions made when establishing these targets.

Of note is that outcomes of some actions in this strategy will not be realised until after this strategy expires. For example the implementation of alternatives to landfill are likely to take longer than the term of this strategy to implement.

Table 1: Waste and Litter Management Strategy Targets

Waste and Litter Management Strategy goals	Target or Measure
Goal 1: A Council that addresses food waste	<ul style="list-style-type: none"> • The diversion from landfill rate increases to 66% by 2025 (20% above the 2017-18 level of 46%) • An increase in the number of food waste avoidance and community composting programs/events and participation • An increase in the number of home composting systems provided through Council’s subsidy schemes • The number of actions within the strategy that have been completed
Goal 2: A Council that strengthens community behaviour change	<ul style="list-style-type: none"> • Reduce contamination levels below 12.2% by June 2025 • An increase in the number of community engagement and education waste programs delivered by Council • The number of community groups and their waste projects that are supported by Council • The number of actions within the strategy that have been completed
Goal 3: A Council that embraces alternatives to landfill, local markets and resource recovery facilities	<ul style="list-style-type: none"> • An increase in the quantity of electronic waste and lighting recycled • The number of actions within the strategy that have been completed
Goal 4: A Council that strives for a less polluted and cleaner Hobsons Bay	<ul style="list-style-type: none"> • An increase in the number of community engagement and education litter programs delivered by Council • The number of community groups and their litter projects that are supported by Council • The number of actions within the strategy that have been completed
Goal 5: A Council of excellence in waste and litter management	<ul style="list-style-type: none"> • Improve or maintain community satisfaction with the waste and recycling services above the 2018 level of 96% by June 2025 • Improve or maintain community satisfaction with the maintenance and cleaning of public areas above the 2018 level of 83% by June 2025 • The number of actions within the strategy that have been completed

Monitoring of and reporting on the strategy will be through Council’s Annual Report and Sustainability Scorecard, Local Government Victoria’s Local Government Performance Reporting Framework (LGPRF) and Sustainability Victoria’s Victorian Local Government Annual Waste Services Report.

A final report will be prepared for Council and the community in 2025 including an overview of how targets, quantitative and qualitative measures and actions have been met and completed.

APPENDIX 1: QUANTITATIVE TARGETS FOR THE WASTE AND LITTER MANAGEMENT STRATEGY 2025

Waste and Litter Management Strategy goals	Key performance measure	Definition	Baseline
Goal 1: A Council that addresses food waste	An increase in diversion of waste from landfill from household waste services	A diversion rate refers to the tonnes of food and garden waste and recyclables collected, divided by the tonnes of garbage, recyclables, food and garden waste collected	The diversion rate reported in 2017-18 was 46%
Goal 2: A Council that strengthens community behaviour change	A reduction in household recycling contamination rates	Contamination refers to contaminants in the recycling system including textiles, non-recyclables, electronic waste and bagged garbage	The contamination level reported in 2017-18 was 12.2%
Goal 5: A Council of Excellence in waste and litter management	Improve/maintain community satisfaction with waste and recycling services	Refers to the community satisfaction in Council's waste services	Community satisfaction level reported in 2018 (96%)
	Improve/maintain community satisfaction with litter and maintenance services	Refers to the maintenance and cleaning of public areas	Community satisfaction level reported in 2018 (83%)

Data source	Waste and Litter Management Strategy targets	Target Assumptions
Reports and invoices from operators of landfills, recycling plants and organics processing facilities	The diversion rate increases to 66% (20% above 2017-18 levels) by 2025 if collection schedules are altered to a fortnightly garbage and weekly food waste collection	<ul style="list-style-type: none"> Householders place at least 60% of food waste from the garbage stream waste in the garden waste bin All households participate in the food waste recovery service That the community and Council accept changes in collection schedules The food waste collected is without contamination and fully recovered
Recycling collection vehicle and/or bin audits	Reduce contamination below 12.2% by June 2025	<ul style="list-style-type: none"> That the data for an audit over a week of the year is an accurate reflection of the whole year
Council's Annual Community Survey	Improve/maintain the community satisfaction level of 2018 (96%) by June 2025	<ul style="list-style-type: none"> The level of satisfaction (satisfied or very satisfied) is already high especially with Council's garbage, recycling and garden waste service (96%, 95% and 97% respectively) (2018 data) An area of improvement could be in Council's hard waste collection service which has 86% satisfaction (satisfied or very satisfied) (2018 data)
Council's Annual Community Survey	Improve/maintain the community satisfaction level of 2018 (83%) by June 2025	<ul style="list-style-type: none"> That the scope of Council's litter services does not alter The level of satisfaction (satisfied or very satisfied) is already high at 83%



HOBSONS BAY CITY COUNCIL

115 Civic Parade, Altona
 PO Box 21, Altona 3018
 Phone (03) 9932 1000 Fax (03) 9932 1090
 NRS phone 133 677 and quote 03 9932 1000
 Email customerservice@hobsonsabay.vic.gov.au

 www.twitter.com/HobsonsBayCC

 www.facebook.com/HobsonsBayCityCouncil

 www.hobsonsabay.vic.gov.au



HOBSONS BAY LANGUAGE LINE

9932 1212

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