

**Draft  
Waste and Circular  
Economy Strategy  
and Action Plan  
2026—36**



**CITY OF  
PARRAMATTA**

# First Nations Acknowledgement

**Nunanglanungdyu baramada gulbanga mawa naa Baramadagal dharug ngurrawa badura baramada dharug yura.**

**We respectfully acknowledge the Traditional Owners and custodians of the land and waters of Parramatta, the Dharug peoples.**

City of Parramatta Council recognises the Baramadagal Clan of the Dharug Nation as the Traditional Owners, peoples of the oldest continuous living culture in the world.

For more than 60,000 years, Parramatta has been home to the Dharug people, the traditional Owners of the land we call the City of Parramatta today. The Dharug people care for and nurture the habitat, land, and waters and maintain an ongoing connection to Parramatta and its surrounding areas.

City of Parramatta recognises the significance of this area for all First Nations peoples as a site of early contact between First Nations people and colonists, and that Parramatta remains an important meeting place for First Nations peoples

First Nations peoples continue to play a vital role in the ecological, economic, social, and cultural life of Parramatta, while maintaining distinct cultures built on the principles of caring for Country, the primacy of family, and the dignity and governance of Elders. As a community, we can learn from the

knowledge and community spirit of First Nations people to best ensure a sustainable City for all.

As our city transforms, we will continue to strengthen and support economic opportunity to ensure the First Nations heart of our city beats louder. We aspire to a future with a robust Western Sydney First Nations arts and culture ecosystem, and enabling First Nations people to access opportunities and progress and thrive as students, employees, or business owners. To help achieve this we will focus on research and deliver a range of initiatives to attract, develop, and nurture the growth of First Nations creative and cultural industries.

City of Parramatta is proud to acknowledge the ongoing stewardship of Country by Dharug and other First Nations people, and to celebrate their enduring culture and wisdom.





Performance of Bubble Fever by HOSSEI at Paramatta Lanes 2022,  
photo by Cassandra Hannigan

# Place holder for Lord Mayor's message

To be added following the conclusion of the public exhibition period.

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# Strategy at a glance

The City of Parramatta's Waste and Circular Economy Strategy (the Strategy) sets a 10-year vision and strategic direction for delivering sustainable, resilient, and community tailored waste services. In alignment with international, national, state and council policies and frameworks, the Strategy aims to support sustainable waste management and the transition to a circular economy.

As waste generation increases and diversifies, the traditional take-make-use-dispose linear model is proving unsustainable. Combined with rapid population growth and urban expansion, these pressures demand a strategic and adaptive approach to waste management. Sustainability and resilience are central to the City's identity and integral components for a regenerative

future. Continuing leadership that involves our community as part of the solution is paramount, along with strong, empowering partnerships with all levels of government, businesses, organisations, and investors.

Council has listened to the needs of the community and is committed to setting a culture of innovative waste leadership. This includes advocating across government, industry, and community, while empowering residents and City staff through tailoring education and engagement including to diverse cultural groups. Council recognises its vital role and responsibility in guiding residents toward better waste practices through targeted education and awareness initiatives.

**To lead the way in sustainable waste management through collaboration with community and innovative, resourceful solutions for a cleaner future.**

At the heart of the Strategy is the shift to a circular economy; maximising resource efficiency, minimising landfill, and keeping materials in use, circulating at their highest value. Council is committed to delivering progressive waste services, maintaining clean, waste-free environments, embedding circular economy principles, and fostering a culture of sustainable resource use. By empowering the community through targeted and tailored education and engagement, the City is building a shared sense of responsibility and driving long-term behavioural change.

The Strategy is built on four key priorities that provide a clear framework for addressing current and future challenges.

**PRIORITIES**

**PRIORITY 01**

**SETTING A WASTE LEADERSHIP CULTURE**

- Support waste as a shared responsibility through top-down leadership
- Improve ease of access and support for better outcomes
- Champion accurate and consistent data collection

**PRIORITY 02**

**IMPROVING WASTE MANAGEMENT**

- Reduce the amount of waste we create
- Increase the amount of materials recycled and composted
- Continuous improvement in waste collection

**PRIORITY 03**

**KEEPING WASTE OUT OF THE CITY ENVIRONMENT**

- Prevent litter
- Prevent illegal dumping and hazardous waste
- Support businesses with correct waste practices

**PRIORITY 04**

**PROMOTING CIRCULAR ECONOMY**

- Investigate opportunities to participate in Circular Economy initiatives
- Promote existing reuse and repair opportunities

**OBJECTIVES**



Kaiti at Ngahau, Birrung 2024, photo by Ken Leanfore.

**PART 1**

# Introduction

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## INTRODUCTION



## INTRODUCTION

# Why We Developed This Strategy

In 2019, The City endorsed the Waste Avoidance and Resource Recovery Strategy 2019-2023, which set the direction for sustainable waste management. The majority of actions developed and endorsed by that strategy were completed. Building on this progress, Objective 5.2 of the Environmental Sustainability Strategy (Work with our community to implement effective circular waste management practices) identified an action to develop a new Waste Strategy with a Circular Economy focus.

With waste generation increasing and becoming more complex, the traditional take-make-use-dispose model for waste management is no longer

sustainable. Combined with rapid population growth and urban expansion, these pressures, if left unaddressed, will lead to concerns including reduced landfill capacity, increased waste charges and heightened environmental risks through litter and illegal dumping.

To meet these challenges, the City of Parramatta requires a strategic and adaptive approach that positions the City as a leader in waste management. This means continuing leadership that involves our community as part of the solution, along with strong, empowering partnerships with all levels of government, businesses, organisations, and investors.

## THIS WASTE AND CIRCULAR ECONOMY STRATEGY:

- Reviews the current state of waste management in the City of Parramatta
- Aligns targets with National, State and Council priorities
- Establishes a strategic framework and actions to achieve waste and circular economy goals. (especially plastics)

INTRODUCTION

# Our City

**The City of Parramatta (The City) is going through unprecedented change and transformation as it becomes Sydney's Central City.**

The growing City occupies 84 square kilometres, spans 39 suburbs and is forecasted to meet a population of approx. 343,100 residents by FY35, indicating 25% growth based on the estimated FY24 baseline of 274,956 residents.

The City's forecasted population growth expects an average annual growth rate of 2.11%, coupled with the average number of persons per household decreasing over time<sup>1</sup>. Resultingly, The City will host approximately 132,500 dwellings by 2036, an estimated 26,000 increase in dwellings

since 2021 (106,561).

In 2021, The City had an average household size of 2.6, which was a decreasing trend likely resulting from more people living in apartments with fewer people per dwelling. As the largest city centre in Greater Sydney, and one of the fastest growing regions in Australia, The City is seeing rapid increase in housing numbers and a transition from primarily low density detached houses to medium-density (<3 storeys) and high-density (3 storeys and above) apartments (Table 1).

**TABLE 1: THE CITY PRIVATE DWELLINGS TYPE 2011, 2021, 2036**

DWELLING TYPE	2011		2021		2036	
Detached Houses	38,889	52%	38,652	36%	38,425	29%
Apartments	35,404	47%	67,389	63%	92,750	70%
Other	385	<1%	520	<1%	1,325	<1%
<b>TOTAL</b>	<b>74,678</b>		<b>106,561</b>		<b>132,500 (approx.)</b>	

Based on current trends and planned growth, forecasts indicate that by 2036 the LGAs dwelling mix will have increased demand for high-density apartments, while detached houses and medium-density homes will become less common<sup>2</sup>. As The City experiences rapid population growth and urban expansion, its waste management services must be adapted and strategically planned to meet its evolving needs.

The median age of The City's population is 35<sup>3</sup>. The City's residents are culturally and linguistically diverse, with over 56% of the population speaking a language other than English. The four most common languages spoken at home other than English in order of most to least prevalent are Mandarin, Cantonese, Korean and Hindi<sup>4</sup>.

<sup>1</sup> Forecast.id 2025, *City of Parramatta: Population, households and dwellings, Population, households and dwellings* | City of Parramatta | Population forecast

<sup>2</sup> City of Parramatta, Local Housing Strategy July 2020, *Local Housing Strategy*

<sup>3</sup> Atlas.id 2021, City of Parramatta: Median Age, *Median age population* | City of Parramatta | atlas.id

<sup>4</sup> Profile.id 2021, City of Parramatta: Language used at home, *Language used at home* | City of Parramatta | Community profile

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# Our Community

Council has undertaken three Community Behaviour Surveys in the last five years to find out our communities views on environmental issues facing the area.

As a result, we have a highly engaged and environmentally conscious community. The City is a growing area of Sydney and there is an opportunity to proactively welcome and educate new members of the community in the facilities and services provided by the Council.

Council also recently undertook a FOGO service feedback survey and community consultation in developing this strategy.



Visitors to Elizabeth Farm, photo by Flashpoint Labs

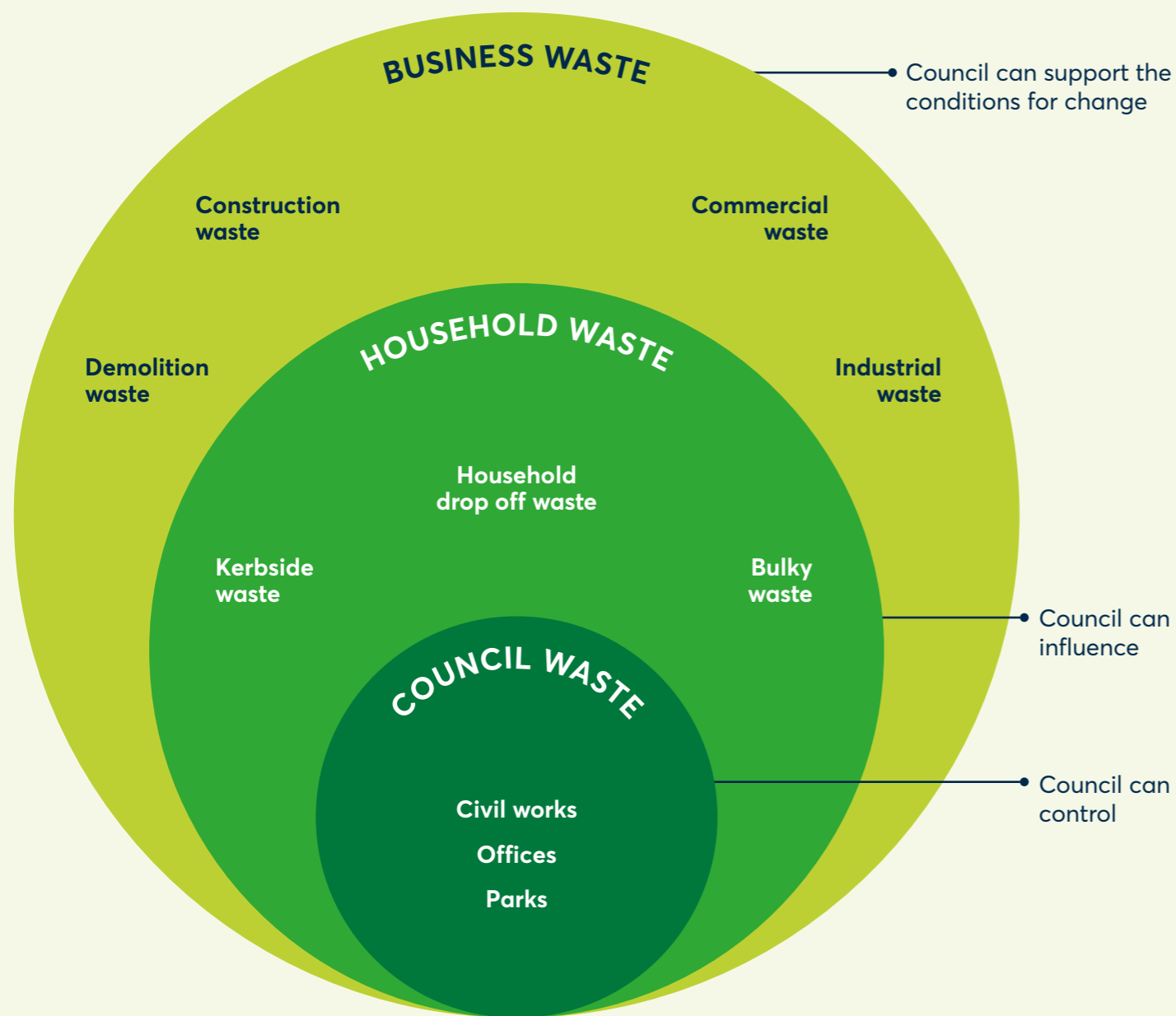
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# State of Play

## WASTE GENERATORS WITHIN THE CITY

Waste generated within The City can be broadly categorised as Council Waste, Household Waste and Business Waste. The diagram below provides an overview of the waste generators and

highlights councils ability to influence or control the scale and destination pathway of the waste generated.



INTRODUCTION

## OUR SERVICES



### HOUSEHOLD WASTE COLLECTION

Council offers a three-bin kerbside collection system and kerbside clean up service to approximately 90,000 households, including houses, townhouses, villas and apartment buildings, as part of their standard Domestic Waste Charge entitlement. These are:

- General waste in red lid bin
- Comingled Recycling in yellow lid bin
- Food Organics Garden Organics (FOGO) in green lid bin\*
- Kerbside bulky waste clean-ups

\* A FOGO rollout for apartments with greater than 30 dwellings is in planning.



### OTHER WASTE SERVICES

Council offers the community the following services:

- Household Asbestos Collection
- Community Sharps program



### COMPREHENSIVE EDUCATION AND CONTAMINATION MANAGEMENT PROGRAM

- Council offers a range of workshops and events to foster waste avoidance, reduce and reuse
- Bin tagging and postcards for education through practical guidance



### LITTER BIN SERVICE

- Council services over 1000 public litter bins across the area.
- Council maintains and reviews a contamination and litter management program.



### ILLEGAL DUMPING EDUCATION, INVESTIGATION AND REMOVAL

Council has a dedicated and centralised team to educate, investigate and remove illegal dumping.



### MODERN FLEET

- Fleet of Euro 6 emission rating trucks with strong messaging to encourage correct waste behaviours.
- Council continually reviews and improves fleet service routes and collection vehicle types for waste collection.



### COMMUNITY RECYCLING FACILITY

Council operates a Community Recycling Centre (CRC) which accepts problematic waste such as paints, batteries, motor oils and gas bottles. City residents are also able to drop off electronic waste, polystyrene and textiles.

INTRODUCTION



**COUNCILS WEBSITE 'BINS, WASTE AND RECYCLING'**

Council maintains a comprehensive website waste section, including information on Council waste services, FOGO education, recycling guides, problem waste information and promotion of waste education programs. Council continuously reviews and improves these guidelines and updates service information where and when appropriate.



**COMMUNITY ENGAGEMENT & EDUCATION**

- Council routinely develop and release community behaviour surveys to gather information and understanding of community satisfaction.
- Council maintains and regularly reviews and updates a Community Education Plan. The plan identifies actions including school education, FOGO education, problem waste education and community education which are implemented accordingly.



**SUSTAINABLE PROCUREMENT**

Council regularly reviews its procurement policies and procedures to continue to embed and strengthen sustainability and Circular Economy practices.



**PROMOTION OF CAMPAIGNS**

Council supports and promotes annual litter clean up campaigns such as Clean Up Australia Day.

<sup>5</sup> City of Parramatta 2024, Environmental Sustainability Strategy 2024-2033, <https://www.cityofparramatta.nsw.gov.au/environment/environment-and-sustainability>

INTRODUCTION

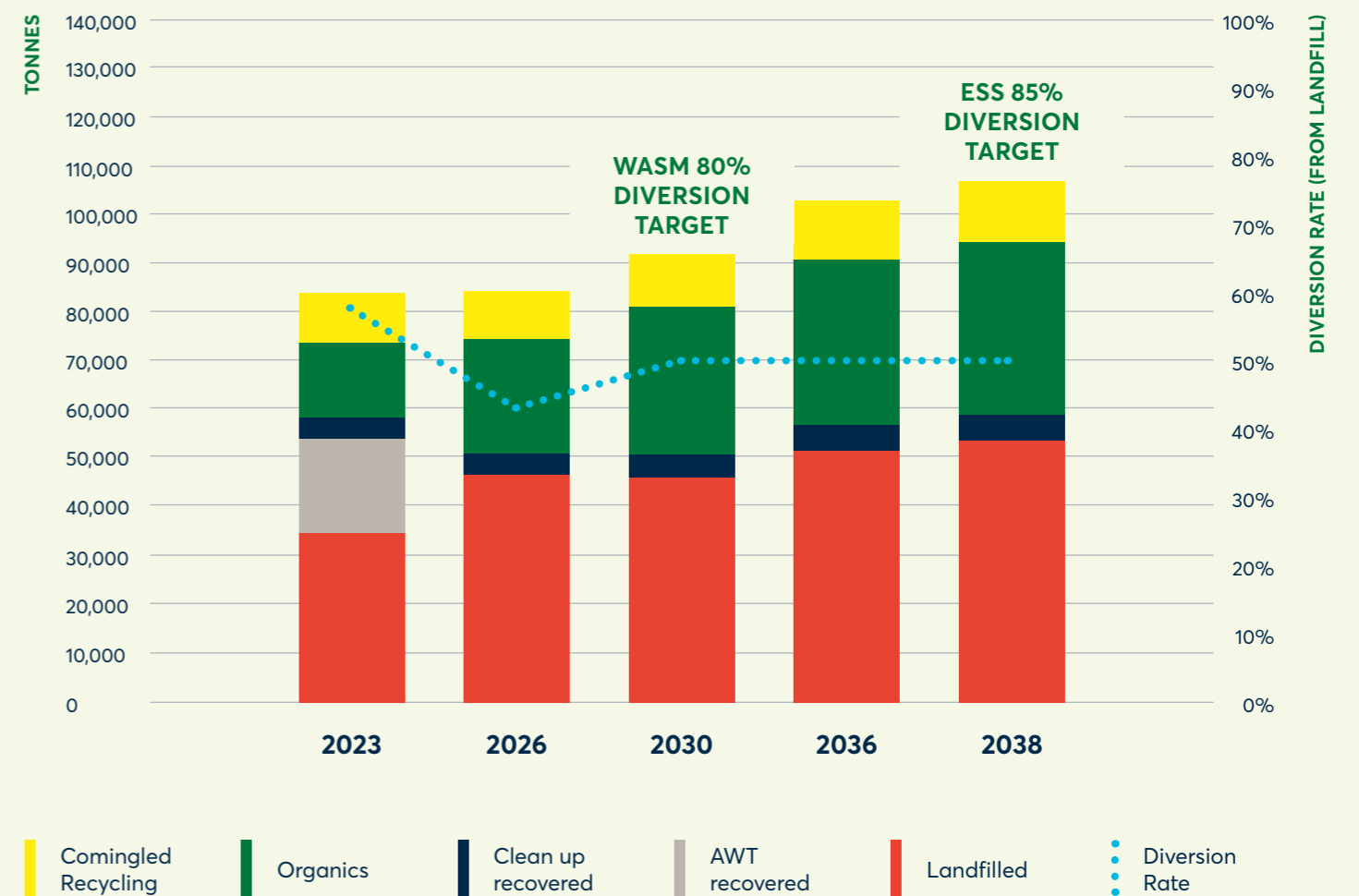
**RESIDENTIAL WASTE GENERATION LEVELS AND DIVERSION RATES**

In FY23, City residents generated approximately 84,000 tonnes of waste in total, of which 58% was diverted from landfill. The decrease of diversion since FY23 was due to change in general waste recovery legislation that influenced processing contracts. The introduction of a FOGO service to residents has seen the diversion target increase. (Figure 1).

The National Waste Policy Action Plan has a target of 80% average landfill diversion by 2030, and the City of Parramatta Environmental Sustainability Strategy 2024-2033 has a target of 85% diversion rate for community waste by 2038<sup>5</sup>.

Without allowing for waste growth over time, the City needs to increase diversion from landfill by an additional 37,000 tonnes (approx.) in order to reach the 85% target.

Figure 1 Projected waste generation and diversion rates



To support Council's journey toward the waste diversion targets (Figure 1), a measurement framework will be developed across all waste streams. This framework will establish a baseline, accurately measure progress, and identify gaps

and education priorities. In addition, Council will set KPIs for each 3-year Action Plan to track progress toward targets (see Actions 1.11 and 1.12 of the Action Plan).

INTRODUCTION

### WASTE GENERATORS WITHIN THE CITY

In 2023, the City engaged a specialist waste audit company to conduct a compositional audit of a sample of kerbside residential waste, recycling and garden organics bin contents.

The audit identified that 14% of the general waste stream could be recycled through the

existing kerbside comingled recycling services (consisting mainly recyclable paper and recyclable plastic containers) (Figure 2). It also identified that up to 42% (consisting mainly food) could now be captured and diverted from landfill through the new FOGO service, once all dwellings had become active (Figure 2).

INTRODUCTION

The audit also identified that the residential comingled recycling in 2023 included 81% compliant recyclables with a contamination rate of 18% (Figure 3). Of the contaminants, which were mainly non-recyclable plastics, food, non-

recyclable glass, soiled paper, non-recyclable paper, non-compliant steel and other small items, up to 6% could now be captured by the FOGO service (Figure 3).

Figure 2 General Waste Bin Audit - Waste Composition (EC Sustainable 2023)

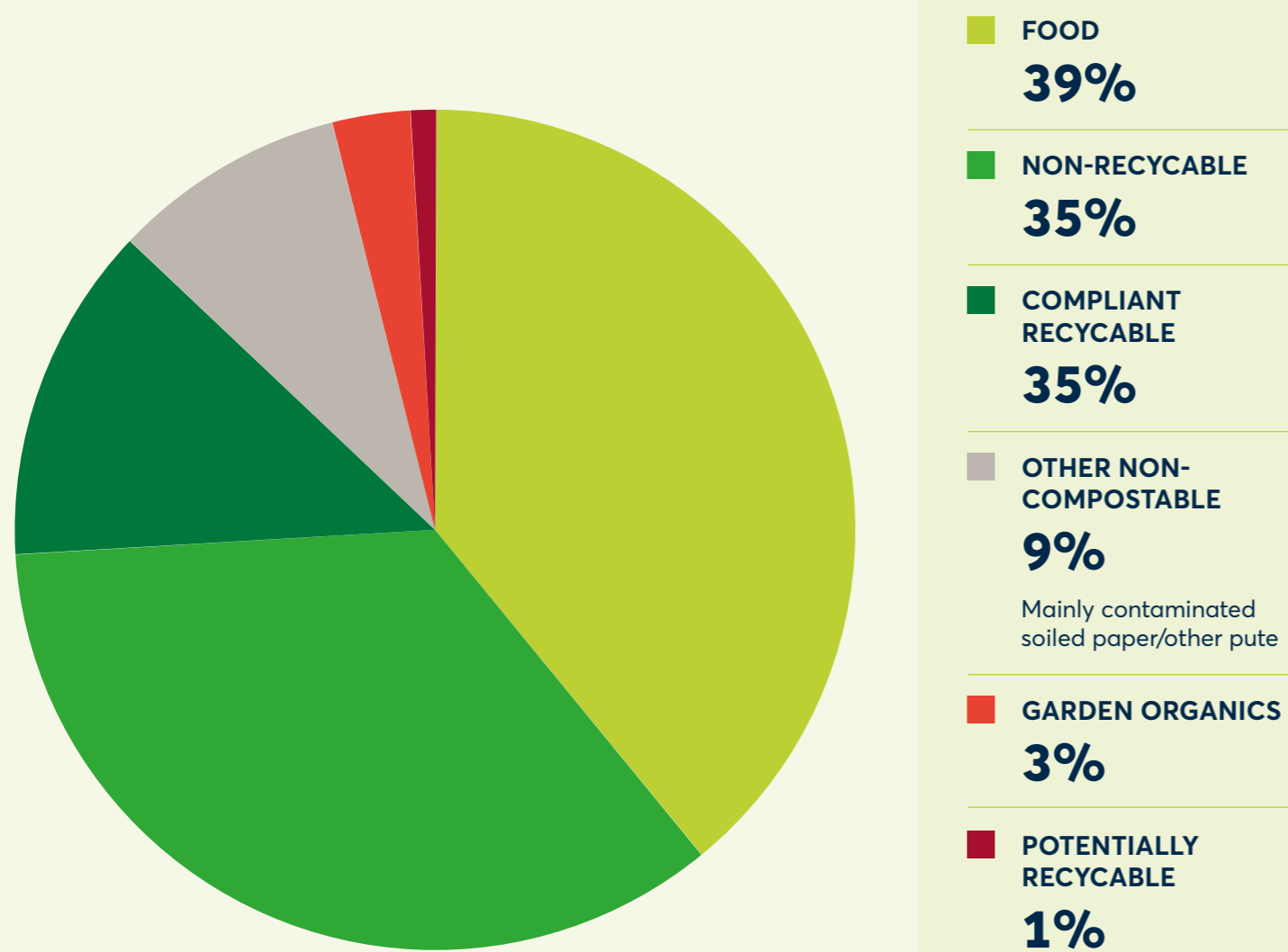
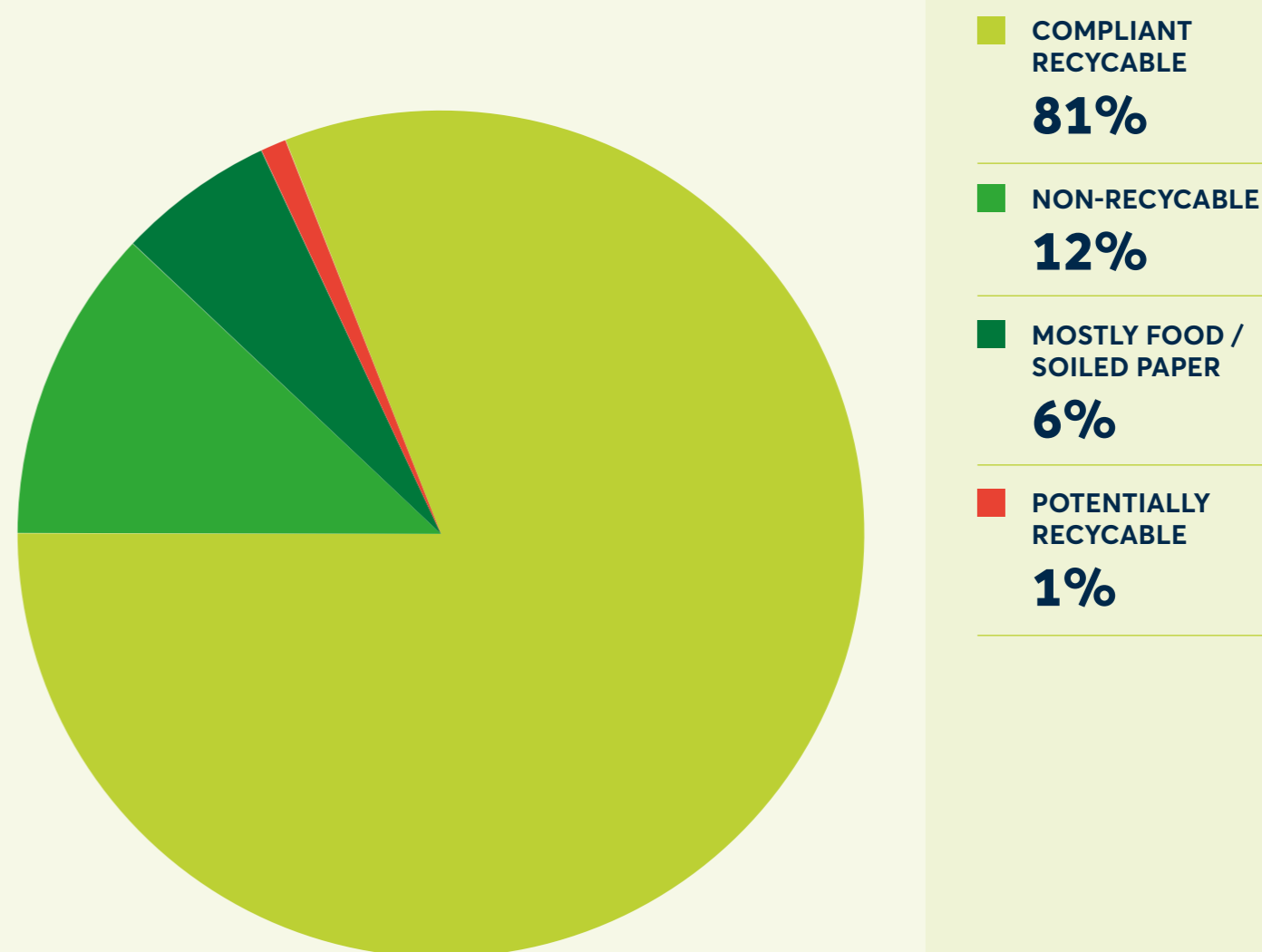


Figure 3 Comingled Recycling Bin Audit - Waste Composition (EC Sustainable 2023)



## INTRODUCTION

## OUR STRENGTHS



## ENGAGED COMMUNITY

- The City has an engaged community with increasing participation in waste events and services such as FOGO, bulky waste collection bookings, and Clean Up Australia Day. The Community Waste Survey 2025 showed that around 60% of respondents are interested in attending council education sessions on waste reduction and recycling.



## LEADING IN INNOVATIVE SERVICES AND INFRASTRUCTURE

- Being amongst the early adopter Metropolitan Councils in NSW to introduce FOGO collection.
- A Community Recycling Centre soon to be delivered, the City showcases strength in delivering innovative and transformative waste infrastructure.



## INCREASED INVESTMENT AND PROFILE

- Council's strategic direction outlined in Parramatta 2050 that will shape the city into a global powerhouse and secure our position on the world stage.
- There is a growing emphasis and investment by both government and businesses on transitioning to a circular economy, enhancing recycling efforts, and developing markets for recycled product.



## ECONOMY OF SCALE

- The City is one of the largest councils in NSW, and its central location enhances its purchasing power.



## INTRODUCTION

## OUR CHALLENGES



## ENVIRONMENTAL CONSTRAINTS

- Waste is a significant contributor to green house gas emissions and managing the transportation, processing and disposal of waste in particular organic waste separation can reduce our impact.
- Impacts of climate change and natural disasters including pandemics that disrupt services and inhibit planning.
- Fast fashion consumerism in society resulting in increased disposal behaviour, littering and illegal dumping that results in the pollution of the environment and consumption of finite resources.



## POPULATION GROWTH AND INFRASTRUCTURE CONSTRAINTS

- The City's annual population growth is anticipated to be 2.1% each year over the next 10 years with residential dwelling type shifting towards high density unit complexes that create waste management facility and service provision challenges
- Household waste generation in FY25 was approximately 87,000 tonnes with a diversion of 47% from landfill. The waste generation is anticipated to increase with population growth.
- NSW has limited processing facilities and end market opportunities and Sydney is running out of landfills.
- Long term waste disposal and collection contract that limit waste initiatives



## EXTERNAL INFLUENCES

- The City is constrained to deliver significant change without the financial and policy setting support of State and Federal government departments
- The City has a transient community profile which leads to challenges in embedding long-term waste reduction and management initiatives
- The City maintains significant diversity across its demographic resident profile. With a diverse multicultural population comes varying levels of awareness and understanding of local waste management services and systems, which can lead to incorrect waste disposal

INTRODUCTION

# Strategic Context

## INTERNATIONAL AND NATIONAL

The City aims to contribute to the achievement of these benchmarks by aligning its goals with broader strategic frameworks and policies to foster community action on a local level.

- Increasing landfill diversion
- Reducing total waste generation
- Reducing single use and problem wastes (especially plastics)

This strategy aligns with and supports priorities and actions within a range of international, national, state and local policies and frameworks. These policies and frameworks vary in plan horizons from 2025-2050 and address common elements/goals such as:

- Reducing carbon emissions
- Increasing food and organic waste recovery

## COUNCIL KEY POLICIES AND STRATEGIES

The City has several existing strategic documents which underpin various stages of future planning and approaches to deliver overarching benefit to the Council and have varying levels of reference to waste and circular economy solutions. All planning at Council is conducted within the Integrated Planning and Reporting Framework outlined on the right.

INTRODUCTION

This strategy was developed to support and compliment a range of international, national, state and local policies and frameworks. See Appendix A for a list of documents and key targets.

## WESTERN SYDNEY REGIONAL WASTE STRATEGY

Western Sydney Regional Organisation of Councils (WSROC) and eight participating councils including the City of Parramatta worked in collaboration to develop and deliver The Western Sydney Regional Waste and Sustainable Materials Strategy 2022-27. Leveraging a successful and

- Avoid and reduce waste
- Recover resources

collaborative working relationship, the strategy details commitment to working towards a circular economy, integrating the directives of wider industry and policy contexts of waste management in Australia today. The core strategic themes include:

- Protect the region from waste pollution
- Strategic collaboration

## COUNCIL'S STRATEGIC HIERARCHY



PART 2

# How we developed this strategy



Kajit at Ngana Birrung 2024, photo by Ken Leanfore

## HOW WE DEVELOPED THIS STRATEGY

**BEST PRACTICE RESEARCH**

Conducted best practice research to benchmark against leading approaches and identify innovative solutions. Through the analysis of industry insights, we integrated evidenced recommendations for leading council waste management and circular economy practices.

**COUNCILLOR CONSULTATION**

Engaged City of Parramatta representative Councillors to gather insights, priorities, and feedback. This engagement directly informed key recommendations and actions to shape a strategy that aligns with Council objectives.

**COMMUNITY CONSULTATION**

Engaged in community consultation to capture insights, priorities, and concerns, ensuring the Strategy reflects the voices and needs of residents. This input helped shape a strategy which is both responsive to and aligned with community concerns and opportunities.

## HOW WE DEVELOPED THIS STRATEGY

**STRATEGIC REVIEW**

Analysed international, national, state and local council legislative strategic targets and frameworks to guide the Strategies' direction. This helped identify opportunities to strengthen the success of strategic targets through alignment with broader contexts.

**CITY STAFF CONSULTATION**

Engaged Council internal stakeholders to gather insights and operational perspectives. This ensured the Strategy is practical, well informed, and aligned with internal capabilities. Their input was critical in shaping a Strategy that supports long term success and implementation.

The following steps were taken in the development of this Strategy. Each area of research and consultation generated informed strategic direction and feedback which was incorporated into the strategy at various stages through a priority analysis.



Kaiti at Ngana Birrung 2024, photo by Ken Leanfore

**PART 3**

# Where do we want to get to?

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## WHERE DO WE WANT TO GET TO?

# Transitioning to Circular Economy

Sustainability and resilience are central to the City's identity and integral components for a regenerative future. To drive a regenerative future, there is a need for continuing leadership that involves our community as part of the solution. There is also a need for strong, empowering partnerships with all levels of government, community, organisations, and investors.

A Circular Economy seeks to keep materials in use for as long as possible, minimising waste and maximising resource efficiency. Unlike the traditional linear economy model [take-make-use-dispose] a Circular Economy focuses on a regenerative system that reduces reliance on virgin resources and prevents valuable materials from ending up in landfills.

In 2022 Council underwent a comprehensive Circular Economy Opportunities Study which reviewed Councils 'Circularity' based on targets set within an Environmental Sustainability Progress Report and assessed new opportunities and actions to continue to work towards and achieve Circularity. The Circular Initiatives Council has implemented include:

- Purchasing recycled content in civil projects, e.g. recycled asphalt and glass in base layers;
- Recycling of road sweeping material from cleansing activities;
- Recycling of green waste from park maintenance activities;
- Rehoming of office furniture internally or donating to local schools or charities; and
- Repurposing marketing banners into boomerang bags.

The Circular Economy Opportunities Study also informed the City's Environmental Sustainability Strategy 2024<sup>6</sup> (ESS), which committed to a 'Circular Economy Priority' (No. 5) and adopted objectives including:

- Objective 5.2 'Council empowers the community to support waste avoidance, recovery, and reuse'
- Objective 5.3 'Council leads circular economy practices, research, and communication'.

The City is working to become a regenerative city that embraces circularity by keeping products and materials circulating at their highest value for as long as possible through a closed loop system. Council recognises that this can be supported through strategies such as offering greater options for residents to reuse, repair, refurbish, and resell their items, followed by maximising recycling and remanufacturing opportunities (Figure 4). Additional residual waste treatment, such as Energy from Waste, can help recover the embodied energy of some materials at their end of life, while landfill becomes the last resort, used only when all other options have been exhausted.

<sup>6</sup> Parramatta 2024, *Environmental Sustainability Strategy; Regenerative, climate positive and resilient Parramatta*, *Environment and Sustainability* | City of Parramatta

## WHERE DO WE WANT TO GET TO?

To accelerate the shift to a Circular Economy more broadly, stronger national regulations are essential, such as Extended Producer Responsibility (EPR) which holds producers accountable for the end-of-life management of their materials. Financial mechanisms like subsidies and tax

incentives for landfill diversion, combined with targeted education initiatives (tailored to diverse cultural groups and different age groups), will further support industry, markets, and consumers in aligning with circular economy principles.

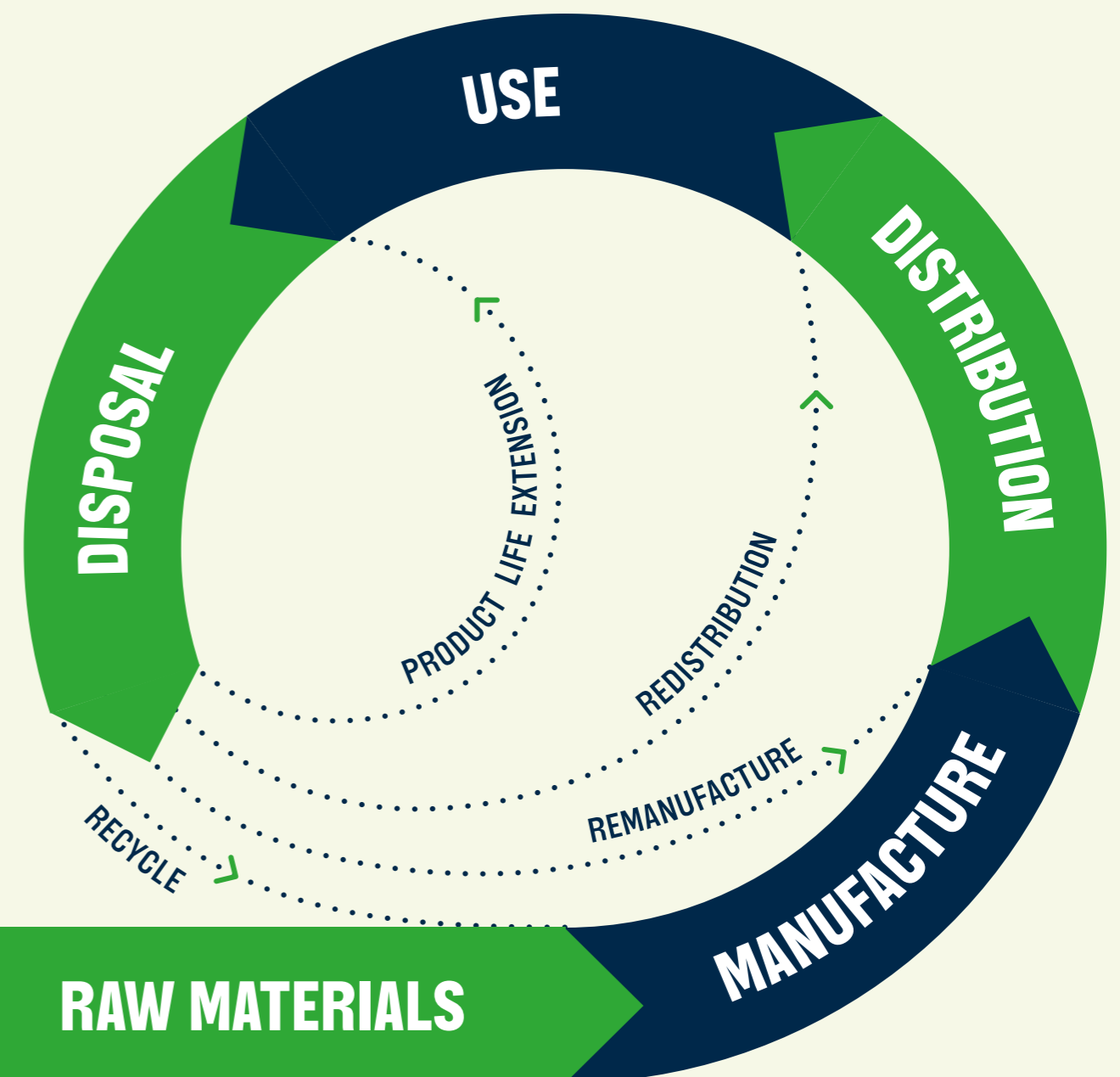


Figure 4: Circular economy concept. Source: Adapted from Innovative UK (2017)

## WHERE DO WE WANT TO GET TO?

# Strategic Framework

The strategic structure of the Strategy and Action Plan sets out a purposeful cascading series of key terms which piece together a robust structure for success, and is as follows:



## WHERE DO WE WANT TO GET TO?

# The Vision

Consultation with the community, city staff and Councillors has informed and shaped the vision for the Waste and Circular Economy Strategy 2026-2036, which is supported by the four foundation priorities.

**Our Vision: To lead the way in sustainable waste management through collaboration with community and innovative resourceful solutions for a cleaner future.**

The vision statement asserts that over the next 10 years, our goal is to become a leader in environmentally responsible waste management by working closely with local communities and developing creative, practical solutions. All these activities will foster a transition to a Circular Economy for waste and resource management.

## LEADING

Leadership in Parramatta means listening to the community, promoting ethical and sustainable development, and ensuring transparent communication. It involves improving infrastructure, advocating for our community, delivering efficient services, and maintaining strong governance to support a thriving, inclusive City.

## SUSTAINABILITY

Sustainability means carefully managing the balance between growing built environments with the protection of nature and ensuring that growth does not compromise liveability. A truly sustainable City operates efficiently and strives for self-sufficiency by sourcing materials locally when possible and promoting responsible consumption. This approach helps minimise waste and encourages thoughtful use of resources.

## COLLABORATION

Collaboration is about building strong partnerships across the community, government, and industry to achieve shared goals. It involves open communication, mutual respect, and a willingness to work together to solve complex challenges to achieve more effective, innovative, and sustainable outcomes for our City.

## INNOVATION

Innovation is about embracing new ideas, technologies, and approaches to solve challenges and improve the way we live and work. It requires a forward-thinking mindset that encourages experimentation, creativity, and continuous learning. By fostering a culture of innovation, we can develop smarter solutions that enhance services, support sustainability, and shape a more dynamic and resilient City.

## RESOURCEFULNESS

Resourcefulness is the ability to make the most of what we have—finding practical, efficient, and sustainable ways to overcome challenges. It involves thinking creatively, maximising and using materials wisely, and adapting to changing circumstances with resilience and empowering our community to contribute to long-term sustainability and success.

WHERE DO WE WANT TO GET TO?

# The Foundations

The City is committed to this vision and delivery pathway across four foundational priorities. Through the consultation with the community, City staff and Councillors, key priority areas emerged which have been categorised under four foundational priorities.



WHERE DO WE WANT TO GET TO?

## OVERARCHING PRIORITY: EDUCATION

### PRIORITY 01 Setting a Waste Leadership Culture

**OBJECTIVES:**

- Support waste as a shared responsibility through top-down leadership
- Improve ease of access and support for better outcomes
- Champion accurate and consistent data collection

**TARGETS**

- Reduce total household waste generated by 10% per person by 2030 (WASM)
- Significantly increase the use of recycled content by governments and industry (NWP&AP)
- 70% (2030) and 90% (2038) landfill diversion rate for Councils waste (ESS)

### PRIORITY 02 Improving Waste Management

**OBJECTIVES:**

- Reduce the amount of waste we create
- Increase the amount of materials recycled and composted
- Continuous improvement in waste collection

**TARGETS**

- Reduce total household waste generated by 10% per person by 2030 (WASM)
- 85% diversion rate for community waste by 2038 (ESS)
- Separate collection of Food and Garden Organics (FOGO) from all households by 2030 (WASM)

### PRIORITY 03 Keeping Waste Out of the City Environment

**OBJECTIVES:**

- Prevent litter
- Prevent illegal dumping and hazardous waste
- Support businesses with correct waste practices

**TARGETS**

- 85% diversion rate for community waste by 2038 (ESS)
- 60% litter reduction by 2030 (WASM)

### PRIORITY 04 Promoting Circular Economy

**OBJECTIVES:**

- Investigate opportunities to participate in Circular Economy initiatives
- Promote existing reuse and repair opportunities

**TARGETS**

- Reduce total household waste generated by 10% per person by 2030 (WASM)
- Significantly increase the use of recycled content by governments and industry (NWP&AP)
- 70% (2030) and 90% (2038) landfill diversion rate for Councils waste (ESS)



**PART 4**

# How will we get there?

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HOW WILL WE GET THERE?

# Council's Role

By following a specific, measurable, achievable, relevant and time bounded structure, the actions proposed in the strategy will deliver against the City's priority areas and support movement towards the overarching strategy targets.



## DELIVER

Council can deliver a diverse range of services and programs, each presenting opportunities to implement leading circular waste initiatives.

By integrating strategic actions into key areas such as waste collection services, council-run events, and the maintenance of roads and public spaces, Council can proactively reduce its waste, enhance landfill diversion, and support long-term sustainability.



## PARTNER

Council can enhance the delivery and achievement of strategic objectives by fostering strong partnerships with federal and state governments, the community, not for profit organisations, charities and educational institutions.

These collaborations provide access to additional expertise, funding opportunities, and solutions, ensuring more effective outcomes.



## ADVOCATE

Council plays an important role in amplifying community concerns and driving positive change in areas beyond our direct control. Through advocacy, we work to influence policy and action at relevant levels of government and industry, ensuring decisions reflect the interests of the community. By championing key issues, Council helps shape broader systemic improvements.



## EMPOWER

Council recognises that our community is committed to reducing its waste impacts. Meaningful progress is best achieved through collaboration, where residents, businesses, and Council work together toward shared goals. Tailored education, engagement and access to knowledge and resources are essential in empowering our community to actively contribute to the achievement of our waste goals.

HOW WILL WE GET THERE?

# Targets, Milestones and Monitoring

The timeline outlines the key targets and milestones for the Waste Strategy, developed in alignment with, National, State and Council strategic frameworks. The year 2030 holds particular significance as it marks the global deadline for the United Nations Sustainable Development Goals (SDGs), setting commitments to advance sustainability. Several other strategic policies- including the National Waste Policy and Action Plan, the 2024 National Circular Economy Framework, and the NSW Waste and Sustainable Materials Strategy- have also established 2030 targets for specific waste outcomes.

With 2026 marking the start point of this 10-year Waste Strategy and Action Plan, Council has incorporated a structured framework for periodic review and milestone assessments to ensure continual progress. Each action detailed within the Action Plan has been assigned a target year indicator which follows the structure illustrated below. Progress towards targets & KPIs will be measured at the end of each 3yr Action Plan cycle.

Actions identified that would commence beyond 2030 are provided in Appendix B – Long-term Strategic Actions to be reviewed for potential inclusion in scheduled future reviews.

HOW WILL WE GET THERE?

Six specific targets have been chosen from relevant National, State or existing Council policies (see Appendix A) to measure the Strategy’s success by, these are:

- Reduce total household waste generated by 10% per person by 2030 (WASM).<sup>7</sup>
- Achieve 85% diversion rate for community waste by 2038 (ESS).<sup>8</sup>
- Separate collection of Food and Garden Organics (FOGO) from all households by 2030 (WASM).<sup>7,9</sup>
- Achieve 60% litter reduction by 2030 (WASM).<sup>7</sup>
- Significantly increase the use of recycled contents by governments and industry (NWP&AP).<sup>10</sup>
- Achieve 70% landfill diversion rate for Councils own waste by 2030 and 90% by 2038 (ESS).<sup>8</sup>



<sup>7</sup> EPA 2021, NSW Waste and Sustainable Materials Strategy 2021-41, [www.epa.nsw.gov.au/sites/default/files/nsw-waste-and-sustainable-materials-strategy-2041.pdf](http://www.epa.nsw.gov.au/sites/default/files/nsw-waste-and-sustainable-materials-strategy-2041.pdf)

<sup>8</sup> City of Parramatta 2024, Environmental Sustainability Strategy 2024-2033, [www.cityofparramatta.nsw.gov.au/environment/environment-and-sustainability](http://www.cityofparramatta.nsw.gov.au/environment/environment-and-sustainability)

<sup>9</sup> EPA 2025, FOGO mandates and rollout, [www.epa.nsw.gov.au/Your-environment/Recycling-and-reuse/business-government-recycling/Food-organics-and-garden-organics/fogo-mandates-and-rollout](http://www.epa.nsw.gov.au/Your-environment/Recycling-and-reuse/business-government-recycling/Food-organics-and-garden-organics/fogo-mandates-and-rollout)

<sup>10</sup> DCCEEW 2024, National Waste Policy Action Plan 2024, [www.dcceew.gov.au/environment/protection/waste/publications/national-waste-policy-action-plan](http://www.dcceew.gov.au/environment/protection/waste/publications/national-waste-policy-action-plan)

## PART 5

# The Priorities

Overarching Priority: Education	<b>46</b>
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Pillar 02: Improving Waste Management	<b>50</b>
Pillar 03: Keeping Waste Out Of The City Environment	<b>52</b>
Pillar 04: Promoting Circular Economy	<b>54</b>

## THE PRIORITIES

## OVERARCHING PRIORITY

## Education

## WHY IS IT IMPORTANT?

Council plays a crucial role in empowering its residents through tailored education to help them avoid, reduce and manage their waste. Supporting all council staff to understand and proactively tackle their roles and responsibilities in waste management is essential in delivering

- **Reducing costs** through efficient circular procurement and waste disposal practices for both Councils staff and residents own activities, supporting material value to be maximised, prolonging the lifespan of products and resources and reducing residents and council costs overall.

circular economy outcomes. Council fosters an overall foundational culture of waste being a shared responsibility and striving towards a circular economy by seeking to empower residents and council staff through accessible, flexible and appropriate education and awareness initiatives.

- **Reducing environmental harm** by educating residents and staff to reduce their waste being incorrectly or unsustainably managed and disposed.

## THE PRIORITIES



While Council is already providing numerous programs and education campaigns to help their community manage waste effectively, in a transient and growing population, effective support to residents and staff requires ongoing and evolving initiatives to maintain appropriate

- **Empowering the community** to feel confident to make sustainable and more 'circular' choices.

levels of education and meet changing demands.

Supporting community and Council staff to become more aware of effective waste management and circular resources opportunities leads to several benefits including:

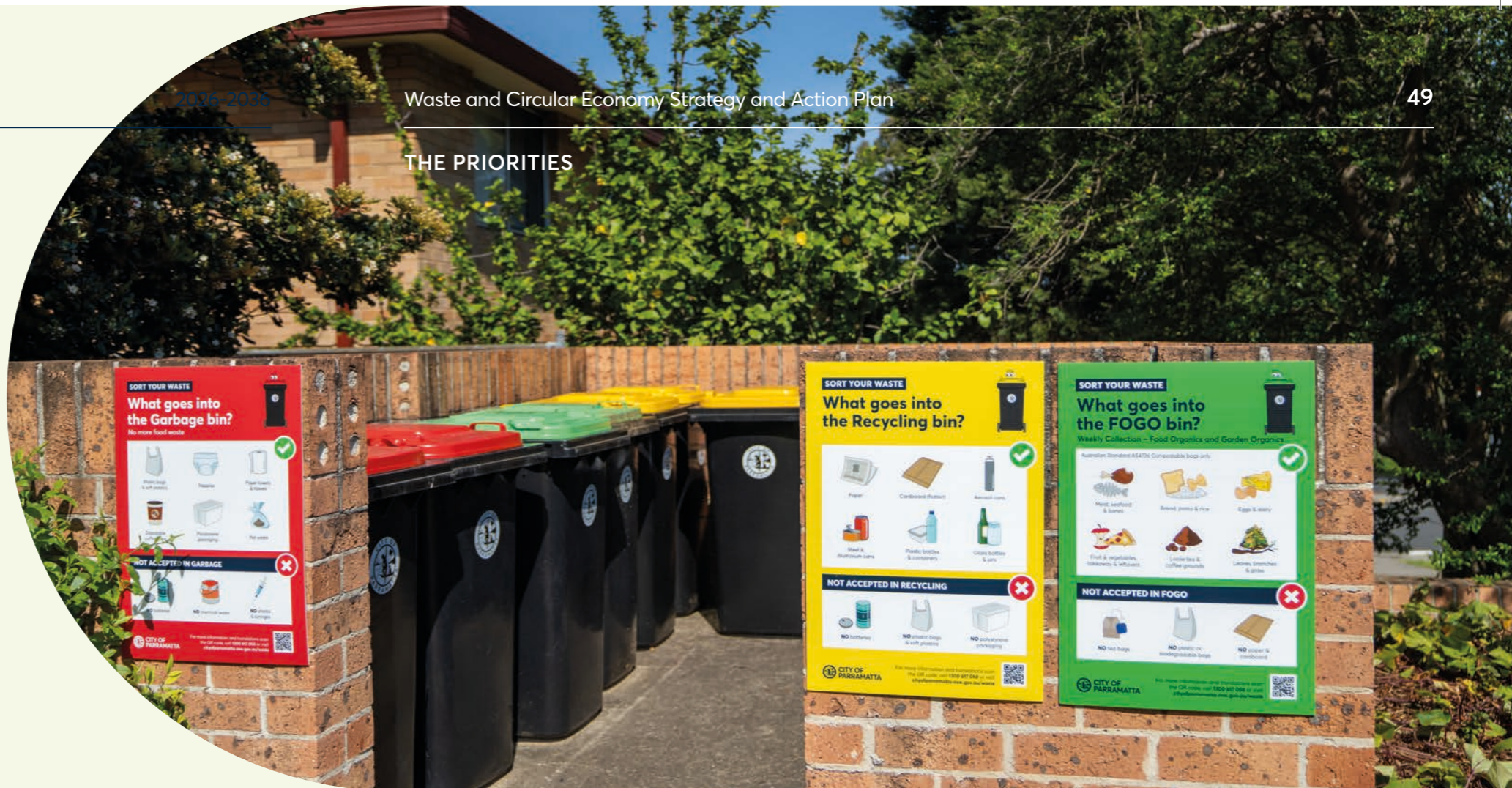
- **Empowering staff and increasing operational efficiency** by ensuring staff understand waste protocols and policy they can improve operational planning and reduce waste impacts.

THE PRIORITIES

PRIORITY 01

# Setting a Waste Leadership Culture

## WHY IS IT IMPORTANT?



Council plays a critical role in shaping waste management practices within the City. As both an influencer and generator of waste across our facilities, services, and events, we must lead by example. This includes monitoring waste streams, improving accessibility, providing support, and

fostering a culture shift toward sustainable waste practices. Council is driving this transition by establishing and embedding circular economy (CE) principles within its operations, and ensuring strategic guidance is implemented on waste avoidance, reduction, and management.

Council can support innovation in this space by embedding sustainability behaviours into the new employee induction process and committing to ongoing training to minimise waste creation and maximise waste diversion at events and at all council facilities.

By actively monitoring and recording waste flows, Council can inform future improvements and adapt practices accordingly. Focusing on Council leading by example, will deliver multiple benefits including:

- **Reducing Council's own waste generation** across facilities, operations, and events, minimising landfill reliance and improving recycling outcomes.
- **Embedding circularity in Council operations**, where practical ensuring products and materials are retained at their highest value.

- **Enhancing waste monitoring and data collection**, enabling evidence-based decisions to refine waste management and avoidance strategies.
- **Reducing waste generation** leading to transport & processing savings for residents.

- **Leading and advocating for community action** by supporting residents and businesses in adopting sustainable waste practices.

- **Providing essential resources and support** to empower businesses and the community in achieving the best possible sustainability outcomes.

<b>OBJECTIVES</b>	Support waste as a shared responsibility through top-down leadership	Improve ease of access and support for better outcomes	Champion accurate and consistent data collection
<b>TARGETS</b>	Target A: Reduce total household waste generated by 10% per person by 2030 (WASM)	Target E: Significant increase the use of recycled content by governments and industry (NWP&AP)	Target F: 70% (2030) and 90% (2038) landfill diversion rate for Council's waste. (ESS)

THE PRIORITIES

PRIORITY 02

# Improving Waste Management

WHY IS IT IMPORTANT?



The most effective way to manage waste and minimise its negative impacts is to prevent its creation in the first place. When waste generation is unavoidable and opportunities for repair/reuse have been exhausted, the next priority is to

maximise recycling and composting, thus reducing its disposal to landfill, critical to mitigating environmental harm.

Council can support innovation in this space by actively encouraging waste avoidance

such as reuse and sharing initiatives, as well as investigating innovative methods for contamination monitoring through AI. In a 2024 survey, 87% of the City's community were concerned about reducing local waste going to landfill.

Avoiding and reducing residual waste by getting recycling and composting 'right', offers substantial environmental, economic, and social benefits including:

- **Resource sustainability & efficiency:** reducing the extraction of raw materials while conserving resources in the environment for future generations, and ensuring materials, products, and resources are used to their fullest extent before disposal.
- **Achieve circular economy outcomes:** by avoiding, reducing and more sustainably managing our materials.

- **Mitigating environmental harm:** by reducing waste generation and waste to landfill, we minimise our negative environmental impacts including greenhouse gas emissions, landfill leachate, litter pollution and excessive land use for landfills.

- **Costs, energy and efficiency savings:** can be achieved by minimising the financial burdens, reducing energy consumption, and lowering expenses associated with the management, transport, processing and disposal of the least amount of waste possible.

- **Climate action:** reducing our climate change contribution by reducing emissions from poor waste management practices, including organics in landfills.

<b>OBJECTIVES</b>	Reduce the amount of waste we create	Increase the amount of materials recycled and composted	Continuous improvement in waste collection
<b>TARGETS</b>	Target A: Reduce total household waste generated by 10% per person by 2030 (WASM)	Target B: 85% Diversion rate for community waste by 2038 (ESS)	Target C: Separate collection of Food and Garden Organics (FOGO) from all households by 2030 (WASM)

THE PRIORITIES

PRIORITY 03

# Keeping Waste Out Of The City Environment

WHY IS IT IMPORTANT?



Council is responsible for ensuring that waste collection and drop-off services are modern, accessible and flexible to meet the diverse needs of our community. A key priority is addressing problem waste; materials that pose significant environmental risks when disposed in an improper manner, such as e-waste, hazardous materials and batteries.

One major initiative to support the easy and safe

- **Preserving the natural environment:** by maintaining clean, litter-free streets across the City, this can create a more liveable and welcoming environment for residents and visitors.
- **Foster circular economy outcomes:** by ensuring waste is sustainably managed.

disposal of problem wastes is the establishment of our new To Community Recycling Centre, set to be opened to the residents in 2026. Additionally, monitoring, managing, and reducing illegal dumping and litter generation is critical to achieving a clean, waste free City, as waste, especially plastics, can persist in the environment for hundreds of years, harming ecosystems.

Furthermore, Council aim to support businesses

- **Lowering clean-up costs:** by minimising illegal dumping occurring which is both resource-intensive and expensive, through education and various deterring measures.

in adopting best-practice waste management by promoting effective separation and providing appropriate service options to help foster correct disposal of business wastes for improved waste outcomes. In a 2024 survey, 93% of our community were concerned about keeping our city clean of litter.

Tackling these issues requires a preventative approach, including targeting commonly littered

- **Preventing environmental and health hazards:** from improper disposal of hazardous waste (e.g. reducing the risk of bin fires caused by incorrectly discarded batteries).

and dumped items and shifting community behaviour through education. Council can support innovation in this space by investigating the use of camera technology to identify overflowing bins and keeping abreast of advancements in other litter and illegal dumping monitoring equipment.

Reducing problem waste, litter, and illegal dumping will deliver multiple benefits including:

- **Supporting wildlife and waterway health:** by preventing litter and hazardous waste from entering the environment and waterways, this helps to protect aquatic ecosystems and local fauna.

OBJECTIVES	Prevent litter	Prevent illegal dumping including hazardous waste	Support businesses with correct waste practices
TARGETS	Target B: 85% Diversion rate for community waste by 2038 (ESS)	Target D: 60% litter reduction by 2030 (WASM)	

THE PRIORITIES

THE PRIORITIES

PRIORITY 04

# Promoting Circular Economy

WHY IS IT IMPORTANT?

Traditional economy's follow a 'take-make-use-dispose' linear process, which are unsustainable, depletes natural resources, strains global supply chains, and accelerates climate change. In contrast, a circular economy keeps materials circulating at their highest value through repair, reuse, and resale, followed by recycling and remanufacturing.

- **Minimising environmental harm:** by reducing reliance on raw natural resources, preventing habitat destruction, protecting ecosystems, whilst ensuring valuable resources remain available for future generations.
- **Boosting supply resilience:** reducing dependency on scarce raw materials by promoting recycling, resale and repurposing.

The City's 2024 community survey showed that less than 30% of respondents were aware of the Clothing exchange/swap events and Environmental education workshops/events currently provided by Council, and less than 10% have used them in the past 12 months.

Embedding circular economy principles will involve increasing awareness and use of sustainable

- **Lowering greenhouse gas emissions:** by reducing waste to landfill and promoting sustainable waste management practices.
- **Create new local job opportunities:** by fostering circular business models and driving innovation across multiple sectors.

THE PRIORITIES



waste reduction actions by the community. By establishing clear guidelines and requirements for circular economy principles, Council can embed circularity into its services and its own operations. Council can support innovation in this space by researching new approaches to bulky waste diversion and keeping abreast of and promoting new Circular Economy initiatives such Library of

- **Reducing costs:** through efficient procurement practices and circularity that maximise material value, prolonging the lifespan of products and resources. For example, prioritising durable products with extended lifespans over cheaper less resilient products.

Things, repair workshops, swap events.

Moving towards a circular economy model through two key objectives, making better decisions in what we purchase, and keeping materials circulating for longer via repair and reuse, offers substantial environmental, economic, and social benefits including:

- **Strengthening local economies:** supporting businesses that specialise in repair, recycling, remanufacturing and sustainable production and driving job opportunities through innovative circular design.

OBJECTIVES

Investigate opportunities to participate in Circular Economy initiatives

Promote existing reuse and repair opportunities

TARGETS

Target A: Reduce total household waste generated by 10% per person by 2030 (WASM)

Target E: Significant increase the use of recycled content by governments and industry (NWP&AP)

Target F: 70% (2030) and 90% (2038) landfill diversion rate for Councils waste (ESS)

# PART 6 Action Plan

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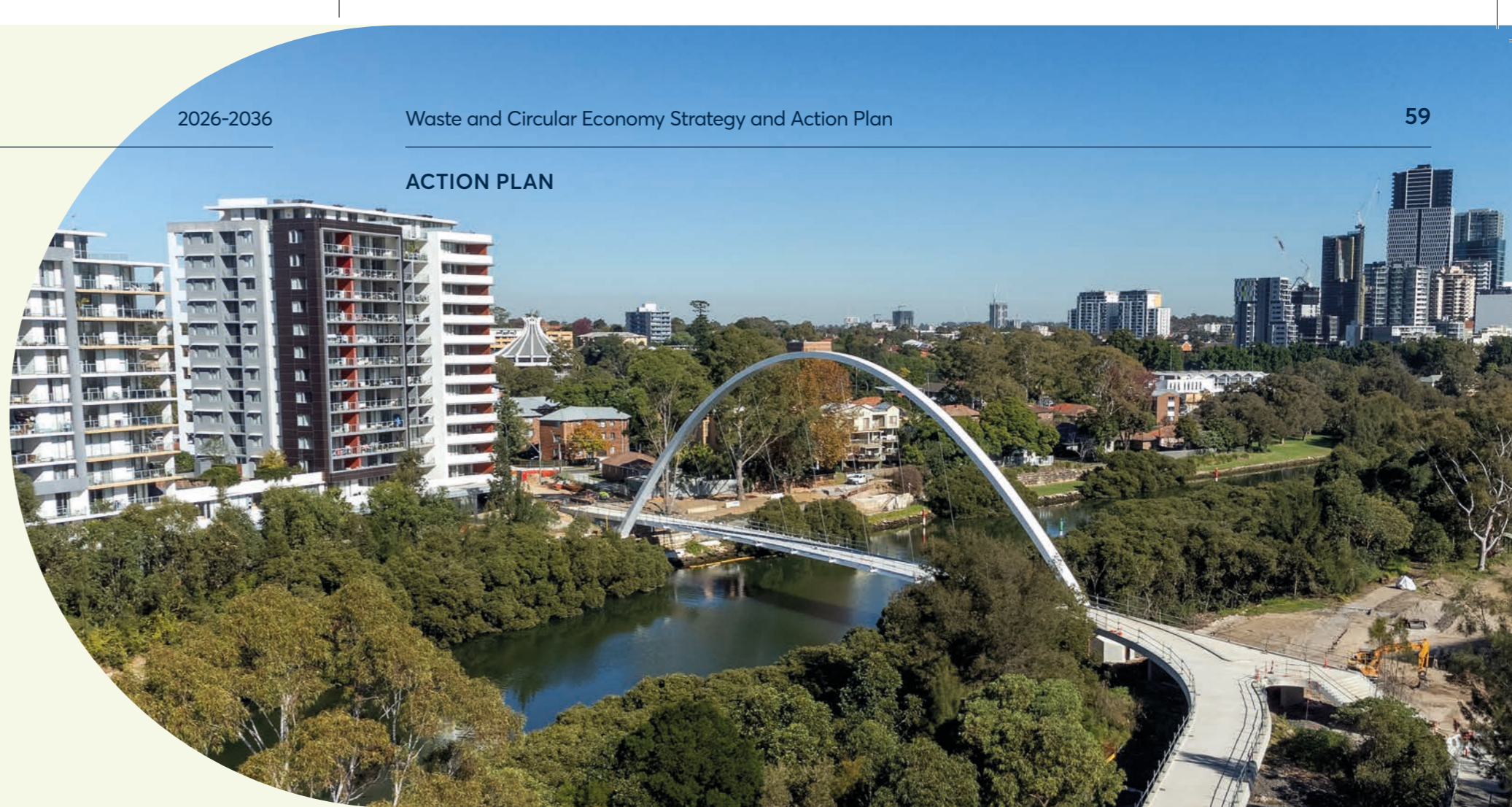
Kaiti at Ngāroa Birrung 2024, photo by Ken Leanfore



ACTION PLAN

# Implementation

The 'Action Plan' below contains a high-level list of actions to support the delivery of each of the objectives. The details for each action, including the costs and resourcing required for implementation, will be included and updated in Council's annual Delivery Program Operation Plan (DPOP).



ACTION PLAN

Key columns of information in each Action Plan table include:

- **Year** refers to the target year for completion of the action.
- **Councils' role** refers to the model of work adopted in the Waste Strategy:
  - **D** = Deliver
  - **P** = Partner
  - **A** = Advocate
  - **E** = Empower

<3 yr strategy action timeline

3-5 yr strategy action timeline

5-10 yr strategy action timeline

- **Education** indicates whether the implementation of an action requires the development and delivery of education programs or initiatives; such as training sessions, awareness campaigns, workshops, or informational resources must be integrated into the rollout of that action.

- **Cost** refers to the indicative budget required to deliver the entire life of the action / activity, where:
  - **\$\$\$** = high cost \$201k-\$500k
  - **\$\$** = medium cost \$10k-\$200k
  - **\$** = low cost \$5-\$50k
  - **-** = no external costs – use existing staff resources

The timeline provided identifies the period the project will commence and be completed. The project may transition into a business-as-usual activity, and this has not been reflected in the timeline.

Implementation of the Action Plan will be largely

- Future price fluctuations relating to the delivery of waste services
- Potential changes in National or State regulatory requirements
- Cushioning the impact of future waste collection and disposal contract increases
- Emergency contingency fund for if council is financially positioned to manage the service directly (e.g. in the event of contractor liquidation)

supported by the Domestic Waste Reserve, as outlined in the Long-Term Financial Plan.

Council will maintain sufficient funds in the Domestic Waste Management Reserve to provide financial buffer against the below- if and when they eventuate;

- Remediation of old landfill sites
- Replacement of fleet and plant associated with the delivery of the waste services
- Capital investment associated with the delivery of the waste services

PRIORITY 01

# Setting a Waste Leadership Culture

OBJECTIVE	ACTION
Support waste as a shared responsibility through top-down leadership	1.1 Implement collaborative sharing and reuse models in Council corporate operations, monitor usage and support sharing of success stories for inspiration
	1.2 Implement activities which support all staff to increase waste avoidance and improve waste management behaviours throughout their daily work activities
	1.3 Review opportunities to embed waste sustainability behaviours into the new employee induction process to ensure staff are aware of waste services across Council
Improve ease of access and support for better outcomes	1.4 Review and update Council's webpage and intranet to establish a comprehensive waste disposal and recycling guide for residents, businesses and staff, including waste avoidance advice e.g. good news stories and case studies
	1.5 Provide training opportunities for staff responsible for Council-owned assets and internal Council stakeholders on waste management practices & how to be sustainably engaged at events and facilities
	1.6 Establish circular & sustainable procurement guidelines and provide training to council staff involved in procurement to implement sustainability and Circular Economy practices
	1.7 Advocate to government for an increased proportion of landfill levies to build infrastructure to support repurposing, repairing, refurbishing, remanufacturing of materials
	1.8 Investigate return on investment of Council expanding Commercial Collection services and resourcing impacts
	1.9 Advocate to State government and the EPA for multifaceted state-wide education campaigns e.g. FOGO and Batteries
	1.10 Update the LGA Development Control Plan to support new services and ensure best practice
Champion accurate and consistent data collection	1.11 Develop a measurement framework across all waste streams for the strategy to develop a baseline, accurately measure progress, and identify gaps / priorities for education
	1.12 Establish KPIs for each 3yr Action Plan to identify progress towards the targets
	1.13 Investigate opportunities to optimise waste services across all Council facilities including consolidated contracts and management by one team
	1.14 Conduct a comprehensive assessment to identify all former domestic waste landfill sites within the LGA and evaluate the need for any additional remediation works

Key

- <3 yr strategy action timeline
- 3-5 yr strategy action timeline
- 5-10 yr strategy action timeline

## ACTION PLAN

EDUCATION	COUNCIL ROLE	COST	YEAR					
			27	28	29	30	31	36
✓	D, E	\$	■	■	■			
✓	E	\$		■	■			
✓	E	-			■	■		
✓	D	\$\$	■	■	■			
✓	D, E	-			■	■	■	
✓	D, E	\$			■	■	■	
	D	\$\$			■	■	■	■
	D	\$		■	■			
	A	-	■	■	■			
	D	\$		■	■	■	■	
	D	\$	■					
	D	\$\$	■	■	■	■		
	D	-			■	■		
	D	\$\$	■					

Cost — Indicative Budget required to deliver the entire life of the action / activity

- \$\$\$ = high cost \$201k-\$500k over first 3yrs
- \$ = low cost \$5k-\$50k over first 3 yrs
- \$\$ = medium cost \$51k-\$200k over first 3yrs
- - = no external costs – use existing staff resources

PRIORITY 02

# Improving Waste Management

OBJECTIVE	ACTION
Reduce the amount of waste we create	2.1 Investigate incentives to encourage residents to reduce waste, focus on promoting Councils waste services and waste avoidance options such as reuse, sharing and the different red bin sizes.
	2.2 Review Council's endorsed waste diversion targets to assess viability including an options report of feasible targets given current National and State waste policies
Increase the amount of materials recycled and composted	2.3 Investigate source separation of bulky waste with separated collection and processing for recycling or reuse where possible e.g. mattresses.
	2.4 Investigate opportunities to better support recycling and FOGO in apartment buildings
	2.5 Provide opportunities to reduce contamination in FOGO and recycling bins, and reduce recyclables / organics in red bins, through providing education / information and performing bin inspections
Continuous improvement in waste collection	2.6 Improve and increase relationships with relevant parties in apartment complexes such as: building managers, strata managers, strata executive committees, cleaners and real estate agents to facilitate options for collection of other waste streams and confirm correct waste practices
	2.7 Investigate the inclusion of buildings with private waste collection contracts onto councils' collection service

## ACTION PLAN

EDUCATION	COUNCIL ROLE	COST	YEAR					
			27	28	29	30	31	36
✓	D, E	-	■	■	■			
	D	\$\$			■	■		
	D	\$		■	■			
	D	\$		■	■			
✓	D	-	■		■			
✓	P, E, D	\$	■	■	■	■	■	■
	D	-	■	■	■			

Key

- <3 yr strategy action timeline
- 3-5 yr strategy action timeline
- 5-10 yr strategy action timeline

Cost — Indicative Budget required to deliver the entire life of the action / activity

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- \$\$ = medium cost \$51k-\$200k over first 3yrs
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**PRIORITY 03**

# Keeping Waste Out of the City Environment

OBJECTIVE	ACTION
<b>Prevent litter</b>	3.1 Review Council public place bin assets and service offerings to ensure they are fit for purpose
	3.2 Investigate expansion of Council's litter management programs to support stronger enforcement and additional education (e.g. for overflowing bins), including advocacy for designing out littered items
	3.3 Investigate the use of AI to identify contaminated and overflowing bins
	3.4 Develop strategies and actions by applying data insights from new baseline litter data
<b>Prevent illegal dumping including hazardous waste</b>	3.5 Undertake a detailed review of illegally dumped rubbish to determine locations and materials types
	3.6 Investigate the expansion of CRC accepted items to promote appropriate methods of disposal or recycling for problem wastes within the community
	3.7 Review and increase current illegal dumping monitoring equipment
	3.8 Review regular clean up service schedules to identify high density residential areas for increased collections, to establish more proactive illegal dumping measures
	3.9 Develop strategies and actions by applying data insights from new baseline illegal dumping data
<b>Support businesses with correct waste practices</b>	3.10 Investigate a program to inspect businesses to evaluate if they have adequate waste facilities and services
	3.11 Investigate opportunities to encourage businesses to separate and recycle their food waste

**ACTION PLAN**

EDUCATION	COUNCIL ROLE	COST	YEAR					
			27	28	29	30	31	36
	D	\$	■	■				
✓	A, E, D	\$	■	■	■			
	D	\$			■			
✓	D, E	-			■			
	D	-		■	■			
✓	D, E	-			■	■		
	D	\$\$	■	■	■			
✓	D, E	-		■	■			
✓	D, E	-			■			
✓	D, P, A, E	\$\$		■	■	■	■	
✓	A	\$\$		■	■			

**Key**

- <3 yr strategy action timeline
- 3-5 yr strategy action timeline
- 5-10 yr strategy action timeline

**Cost** — Indicative Budget required to deliver the entire life of the action / activity

- \$\$\$ = high cost \$201k-\$500k over first 3yrs
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PRIORITY 04

# Promoting Circular Economy

OBJECTIVE	ACTION
<b>Investigate opportunities to participate in Circular Economy initiatives</b>	4.1 Investigate opportunities for bulky waste repair, refurbish, repurpose and reuse
	4.2 Investigate the development and implementation of an Events Sustainable Waste Management Strategy including requirements such as; providing recycling and organics bins, sustainable procurement such as reusable decorations and crockery, and sustainable vendor/supplier agreements
	4.3 Investigate opportunities to rollout a Library of Things, repair workshops and reuse initiatives across the City
	4.4 Investigate solar panel reuse and recycling opportunities
<b>Promote existing reuse and repair opportunities</b>	4.5 Explore new innovative Circular Economy initiatives, for example: swaps, renting and repair programs, events and services
	4.6 Promote any State & Federal schemes (e.g. CDS, repair programs, batteries, tyres, etc.)
	4.7 Promote the use of community groups for recovery of bulky items for reuse, and work with existing opportunities to expand reuse market

## ACTION PLAN

EDUCATION	COUNCIL ROLE	COST	YEAR					
			27	28	29	30	31	36
✓	E	-			■	■	■	■
✓	D, E	\$\$			■	■	■	
✓	A	\$			■	■	■	■
✓	D	\$		■				
✓	D	\$\$		■	■	■	■	
✓	E	\$	■	■	■	■	■	■
✓	P, D, E	-			■	■	■	■

Key

- <3 yr strategy action timeline
- 3-5 yr strategy action timeline
- 5-10 yr strategy action timeline

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PART 7

# Supporting Information

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## SUPPORTING INFORMATION

# Glossary

## TERMINOLOGY

## DEFINITION

<b>Bulky waste</b>	Household items that are too large to be disposed of in regular waste bins
<b>Carbon emissions</b>	Production of gases by natural processes and, of most concern, human activities, including burning of fossil fuels and using combustion engines
<b>Circular economy</b>	A whole-of-systems approach that replaces end-of-life concepts of waste and obsolescence with restoration and renewal, creating new opportunities while eliminating pollution and regenerating the environment
<b>Commingled recycling</b>	Commingled waste is a type of waste that combines various recyclable materials into one collection stream
<b>Community</b>	Relating to the people that regularly interact with Parramatta, including residents, businesses, workers and students
<b>Corporate</b>	Actions, activities and emissions relating to City of Parramatta Council operations and services
<b>CSP</b>	City of Parramatta : Community Strategic Plan – 20 Yr Plan
<b>DPOP</b>	Delivery Program Operation Plan
<b>Emissions</b>	All greenhouse gases (including carbon dioxide, methane, nitrous oxide) calculated as carbon equivalent (CO <sub>2</sub> e)
<b>ESS</b>	Environmental Sustainability Strategy 2024-33
<b>General waste</b>	Materials or products that are unwanted, surplus, discarded, rejected, abandoned or left over, including those materials or products intended for or managed by recycling, energy recovery, treatment, storage and disposal
<b>Hazardous Waste</b>	Hazardous waste includes waste types with properties that make it dangerous or capable of having a harmful effect on human health or the environment such as toxicity, flammability, reactivity, or corrosiveness

## SUPPORTING INFORMATION

## TERM/ACRONYM

## DESCRIPTION

<b>LGA</b>	Local Government Area
<b>Metropolitan Sydney</b>	Encompasses the 33 LGAs within the urban boundary of Sydney
<b>Net zero</b>	Achieving an overall balance between carbon emissions produced or consumed and carbon emissions removed from the atmosphere
<b>NWP&amp;AP</b>	National Waste Policy Action Plan 2024
<b>Problem Waste</b>	Problem waste includes waste types which are challenging to manage due to being one or more of the following; hazardous in nature, difficult to recycle or cause environmental impact. These items cannot be efficiently processed through standard waste management systems such as e-waste.
<b>Recycle</b>	Reuse the materials of the product for application in new products
<b>Reduce</b>	Increase the efficiency of the machines in the production process or use fewer materials for the same product
<b>Refusing</b>	Making a product redundant by abandoning its function or by providing the same function in a different way
<b>Resource recovery</b>	Separation of materials to prevent them from landfill and keep them in use for longer
<b>Rethinking</b>	Making product use more intensive by using (sharing) the product with more people or by giving the product more functions
<b>Reuse</b>	Reuse of discarded, functioning product in the same function by a different user
<b>WASM</b>	NSW Waste and Sustainable Materials Strategy 2021-41
<b>Waste diversion</b>	Volume of waste redirected away from landfill through recycling and source reduction activities
<b>Whole-of-waste system</b>	Measures waste through its entire life cycle from generation to disposal or recovery
<b>WSROC</b>	Western Sydney Regional Organisation of Councils

## SUPPORTING INFORMATION

# Appendix A – Context Setting

## INTERNATIONAL CONTEXT



The United Nations Sustainable Development Goals benchmark the goals and efforts for achieving a sustainable and circular economy. The Strategy works towards the achievement of the UNs Sustainable Development Goals including:

- Goal 9- Industry, innovation and infrastructure: Actively engaging with industry partners and using innovative technologies to reduce, recycle, and process our waste.
- Goal 11- Sustainable cities and communities: Focusing on creating resilient, inclusive, and sustainable cities through sustainable waste management.
- Goal 12- Responsible consumption and production: Reducing waste generation through prevention, reduction, recycling and reuse.

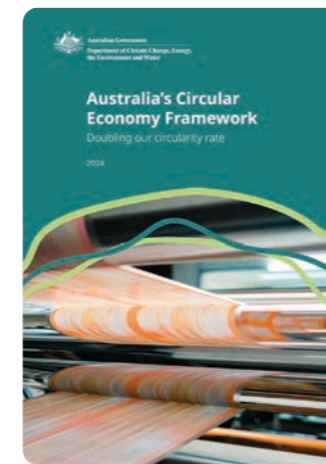
## NATIONAL CONTEXT



The Australian Government's broad waste initiatives showcased within the National Waste Policy and Action Plan is supported by the local efforts of the Strategy. These targets include:

- Reduce total waste generated in Australia by 10% per person by 2030
- 80% average resource recovery rate by 2030
- Increased use of recycled content
- Phase out problematic plastics by 2025
- Halve organic waste to landfill by 2030
- Comprehensive data availability

## SUPPORTING INFORMATION



The 2024 National Circular Economy Framework sets out Australia's commitment to enhancing circularity, the framework 2035 targets include:

- Reducing Australia's per capita material footprint by 10%
- Increasing Australia's material productivity by 30%
- Safely recovering 80% of Australia's resources

## STATE CONTEXT



NSW has developed several strategies, policies and action plans which showcase, in line with international and national strategies, the NSW Governments shift towards a circular economy waste management model and a drive for sustainable waste management. NSW targets are directly supported by the Strategy. The NSW Waste and Sustainable Materials Strategy focuses on the environmental benefits and economic opportunities in waste management, its targets include:

- 60% litter reduction by 2030 and 30% plastic litter reduction by 2025
- Triple the plastics recycling rate by 2030
- Net zero emissions from organic waste to landfill by 2030
- Establish new indicators to track infrastructure investment and the cost of waste services
- Develop emissions performance for waste and materials across materials lifecycles
- 80% average recovery rate from all waste streams by 2030
- 10% total waste generation reduction per person by 2030
- Phase out problematic and unnecessary plastics by 2025
- Separate collection of food and garden organics from all NSW households by 2030
- Separate collection of food waste from large food-waste generating businesses, including large supermarkets and hospitality businesses by 2025

## SUPPORTING INFORMATION



The NSW Environmental Protection Authority's Waste Delivery Plan sets a comprehensive baseline for council targets; its core goals aim to:

- Reduce carbon emissions by building a resilient circular economy
- Manage the risks of problematic harmful and unnecessary waste
- Support councils and communities to safely manage waste

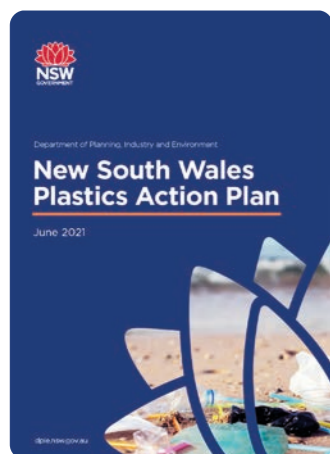
#### NSW Circular Economy Policy Statement

Too Good To Waste  
February 2019



The NSW Circular Economy Policy 2019 provides a solid framework for implementing initiatives, sets ambition and guides approaches towards a circular economy in NSW. The Circular Economy Policy guiding principles include:

- Sustainable management of all resources
- Valuing resource productivity
- Design out waste and pollution
- Maintain the value of products and materials
- Innovate new solutions for resource efficiency
- Create new circular economy jobs
- Foster behaviour changes through education and engagement



The NSW Plastics Action Plan 2021 identifies NSW's approach to better manage plastics; the long-term outcomes aim to work towards:

- Reduce plastic waste generation
- Make the most of NSW's plastic resources
- Reduce plastic leakage
- Improve NSW's understanding of the future of plastics

## SUPPORTING INFORMATION

## STRATEGY ALIGNMENT WITH EXISTING CITY DOCUMENTS

To ensure the effectiveness and relevance of the new waste strategy, it is essential to align it with existing strategic documents developed by the City. These documents outline long-term visions,

priorities, and actions that guide urban planning, sustainability, and community development. Below is a summary of how this Waste and Circular Economy Strategy intersects with key City plans.



### CITY OF PARRAMATTA ENVIRONMENTAL SUSTAINABILITY STRATEGY

#### ABOUT THE STRATEGY

- A 10-year strategy that ensures the environment is at the heart of Parramatta's identity and wellbeing, and central to action in the face of climate change and the growth of the community
- Visionary strategy aiming for "A City for Nature – sustainable, resilient, and regenerative"

#### ABOUT WASTE IN THE STRATEGY

- Circular Economy Goal: Transition from waste management to a no-waste community
- Whole-of-waste system transition
- Revaluing resources
- Supporting community champions
- Rethinking and reducing consumption

#### ■ Targets:

- Community waste diversion: 85% by 2038
- Council waste diversion: 70% by 2030 & 90% by 2038

## SUPPORTING INFORMATION



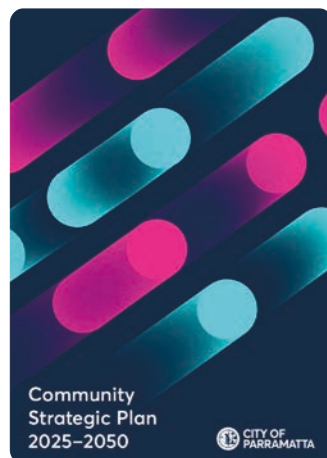
## CITY OF PARRAMATTA LOCAL HOUSING STRATEGY (2018-2038)

### ABOUT THE STRATEGY

- Evaluates housing-related demographic, social and economic data, and trends.
- Identifies the unique housing needs of the City's current and future residents.

### ABOUT WASTE IN THE STRATEGY

- Increased sorting services to increase the number of items rehomed before they're recycled and investigating alternative systems for diverting food organics and nappy waste.
- "A growing population means greater waste volumes in the future."
- Planning Priority C19 - Reducing carbon emissions and managing energy, water, and waste efficiently.
- "Update waste management section of the DCP based on the updated Waste Not model DCP."
- Ensure easy access for recycling bins.
- Encourage composting.



## CITY OF PARRAMATTA : COMMUNITY STRATEGIC PLAN – 20 YR PLAN

The Community Strategic Plan includes "Sustainable" as one of its core visions, emphasizing responsible resource use and consumer choices to reduce waste. It promotes the local sourcing of resources and encourages environmentally conscious product use. The overarching "Green" pillar in the plan focuses primarily on greenspaces and climate resilience.

## SUPPORTING INFORMATION



## PARRAMATTA 2050 – ADOPTED AUG 2024

- "We envision this District emerging as a national leader in circular economy and green jobs, with key opportunities to explore being utilities, energy, green technology, green manufacturing, and connections to industrial uses at Silverwater."
- Outlines a bold vision for the City's future: "By 2050, Global Parramatta will be a global city full of world-class experiences and opportunities to gather, create, and accelerate."

### STRATEGIC DIRECTIONS

- Gather is about connecting to people and place. We gather a world of stories, ideas, and experiences.
- Create is about expression, connection, and transformation. We create world class experiences and opportunities in an environment where creativity knows no bounds.
- Accelerate is about considered, concerted and innovative action to amplify the strengths of our city. We accelerate beyond the bounds of current thinking, recognising that creating the city of tomorrow will require us to act boldly and dream big.

### HOW WILL WE GET THERE? IMPLEMENTATION APPROACHES

- Councils Strategic Governance Framework
- Evaluation and Monitoring, Supported by Global City Experts
- Action Plans
- Advocacy
- Collective Championing

## SUPPORTING INFORMATION

# Appendix B – Long-term Strategic Actions

## PRIORITY

## ACTION

## Setting a Waste Leadership Culture

Implement an annual staff awareness survey for waste & recycling

Investigate Energy from Waste (EFW) markets and consider the potential for joint council procurement options

Investigate for waste to be an agenda item of the Western Sydney Cabinet of Mayors lead by Parramatta

Explore joint procurement and other partnership opportunities with other Councils

Collaborate with educational institutions where appropriate opportunities arise e.g. for enhanced data analysis and strategic insights

Investigate the application of bin weighing technology as industry innovations develop

Investigate the application of RFID and AI to support waste education to deliver correct waste practices

## SUPPORTING INFORMATION

## PRIORITY

## ACTION

## Improving Waste Management

Undertake pre-procurement activities to incorporate innovation into new collection and processing contract documents

## Keeping Waste Out of The City Environment

Investigate expansion of the existing CRC or viability of developing an additional CRC

## Promoting Circular Economy

Research innovative approaches for diverting additional types of bulky waste items from landfill and if feasible procure additional high recovery contract

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@cityofparramatta

 City of Parramatta

 **For non-English speakers, phone interpretation services are available via TIS National on 131 450.**

#### KOREAN

본 소식지와 관련해 통역 지원이 필요하신 경우, TIS (131 450)에 전화하여 Parramatta Customer Service (9806 5050)를 연결해 달라고 요청하시면 됩니다. 업무시간은 월요일에서 금요일, 오전 8시 30분부터 오후 5시까지입니다.

#### CHINESE

如果你需要翻译协助阅读这份新闻简报, 请联系 TIS, 电话131 450, 要求他们代表你接通巴拉玛打市议会顾客服务处, 电话 9806 5050。顾客服务处的工作时间是每星期一至星期五, 上午8:30至下午5:00。

#### ARABIC

إذا كنت بحاجة للمساعدة في ترجمة هذه النشرة, اتصل بـ TIS على الرقم 131 450 واطلب منهم الاتصال نيابة عنك بخدمة زبائن باراماتا على الرقم 9806 5050 من الإثنين إلى الجمعة بين الساعة 8:30 صباحاً و 5:00 مساءً.

#### HINDI

यदि आपको यह सूचना-पत्र समझने में सहायता चाहिए तो कृपया TIS को 131 450 पर फ़ोन करें और उनसे कहें कि आपकी तरफ़ से पैरामाटा कस्टमर सर्विस को 9806 5050 पर फ़ोन करें। यह सेवा सोमवार से शुक्रवार, सुबह 8.30 बजे से शाम 5.00 तक उपलब्ध है।

**Draft**  
**Waste and Circular**  
**Economy Strategy**  
**and Action Plan**  
**2026-36**



**CITY OF  
PARRAMATTA**

[cityofparramatta.nsw.gov.au](http://cityofparramatta.nsw.gov.au)