



WASTE MANAGEMENT

AND RESOURCE RECOVERY STRATEGY

2025-2030





Acknowledgement of Country*

Wollondilly Shire Council acknowledges the traditional custodians of the land in Wollondilly, the Dharawal and Gundungurra peoples.

We acknowledge the living culture and spiritual connections to the land for the Dharawal and Gundungurra people and all Aboriginal Nation Groups that may have connections to the area; and that Wollondilly is remarkably placed as the intersection of many tribal lands.

We recognise the Traditional Custodians who have occupied and cared for this Country over countless generations and celebrate their continuing contributions to the Shire.

We also acknowledge and remember the Dharawal and Gundungurra peoples who were killed in the Appin Massacre on 17 April 1816.

**We acknowledge our continuing collaboration with the Tharawal Local Aboriginal Land Council.*



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MAYOR'S MESSAGE

A growing awareness of the environmental cost of increasing waste generation and the consumption of valuable natural resources has motivated community members in the Wollondilly Shire to become more actively involved in making a positive difference when it comes to waste.

Council is proud of the actions that we completed from the previous Waste Management and Resource Strategy 2020-2025 that were driven by strong community feedback; including the introduction of a wood chipping trial, weekly recycling collections over the Christmas period, and lobbying of the State Government for additional Return and Earn machines across the Shire to name a few.

Our region faces a number of challenges when it comes to waste management, including significant increases in population, the wide geographical spread of our communities, and the recent closure of landfill at the Bargo Waste Management Centre which now requires remediation. To address the impact of these challenges, we want to establish a clear direction for waste management into the future.

To ensure we are including current and future community needs and priorities, we have undertaken two rounds of community engagement for this new Strategy, building on a solid foundation of community input from previous consultations.

This Strategy aligns with local state and federal targets; including reducing the amount of waste generated by every person by 10%, recovery of 80% of all waste, and halving the amount of waste sent to landfill by 2030 - along with a significant increase in the use of recycled content by governments and industry.

Wollondilly will continue to partner with other Councils, including The Parks Waste Alliance which includes Camden, Campbelltown and Penrith Councils, guided by important principles including the waste hierarchy, the Circular Economy, Net Zero Emissions and Sustainable Procurement.

We will be embarking on some major new projects over the next five years, such as the commencement of a new kerbside waste collection contract and a Shire-wide transition to a Food Organics and Garden Organics (FOGO) service as we focus on evidence-based decision making that will ensure regular reviews of our services.

I look forward to the successful implementation of the Waste Management and Resource Recovery Strategy 2025-2030, and would like to thank everyone who provided input.

Matt Gould - Mayor Wollondilly Shire Council



WHY HAVE WE DEVELOPED THIS STRATEGY?

Over the next 20 years, New South Wales is forecast to generate nearly 37 million tonnes of waste. Whilst two thirds of waste is recycled, landfills within greater Sydney are forecast to reach capacity by 2036. At a local level, Council faces challenges related to increases in population and the geographical spread of its community, limited waste infrastructure, sustainable financial management of legacy landfills and the impact of more frequent extreme weather events on the delivery of waste services.

In order to minimise the impact of these waste management challenges on our community, Council wants to establish a strong foundation for waste management into the future that ensures core services, legislated changes, future growth planning and financial sustainability are sufficiently addressed.

This Waste Management & Resource Recovery Strategy 2025-2030 (Waste Strategy) further builds on the strategic directions and objectives outlined for waste management in the previous Waste Management & Resource Recovery Strategy and Action Plan (2020-2025). The new Waste Strategy will work to address the impacts of these challenges over the next five years and outline the actions required to build on existing progress (where applicable) and achieve them.

ALIGNMENT TO LOCAL, STATE AND FEDERAL TARGETS

This Strategy aims to work towards the targets and plans set out in local, state and federal policies, frameworks and plans. By doing this, Wollondilly contributes to the reduction of waste generation and the adequate management of resources to protect the environment for future generations. The documents that the Waste Strategy aligns with are outlined below.

NATIONAL WASTE POLICY

The National Waste Policy sets targets for waste and resource recovery in Australia and highlights the roles and responsibilities of businesses, governments, communities and individuals in managing waste.

Relevant targets included in the National Waste Policy include:

REDUCE TOTAL WASTE GENERATED BY 10% PER PERSON BY 2030

PROVIDE DATA TO SUPPORT BETTER DECISIONS

RECOVER 80% OF ALL WASTE BY 2030

HALVE THE AMOUNT OF WASTE SENT TO LANDFILL BY 2030

SIGNIFICANTLY INCREASE THE USE OF RECYCLED CONTENT BY GOVERNMENTS AND INDUSTRY

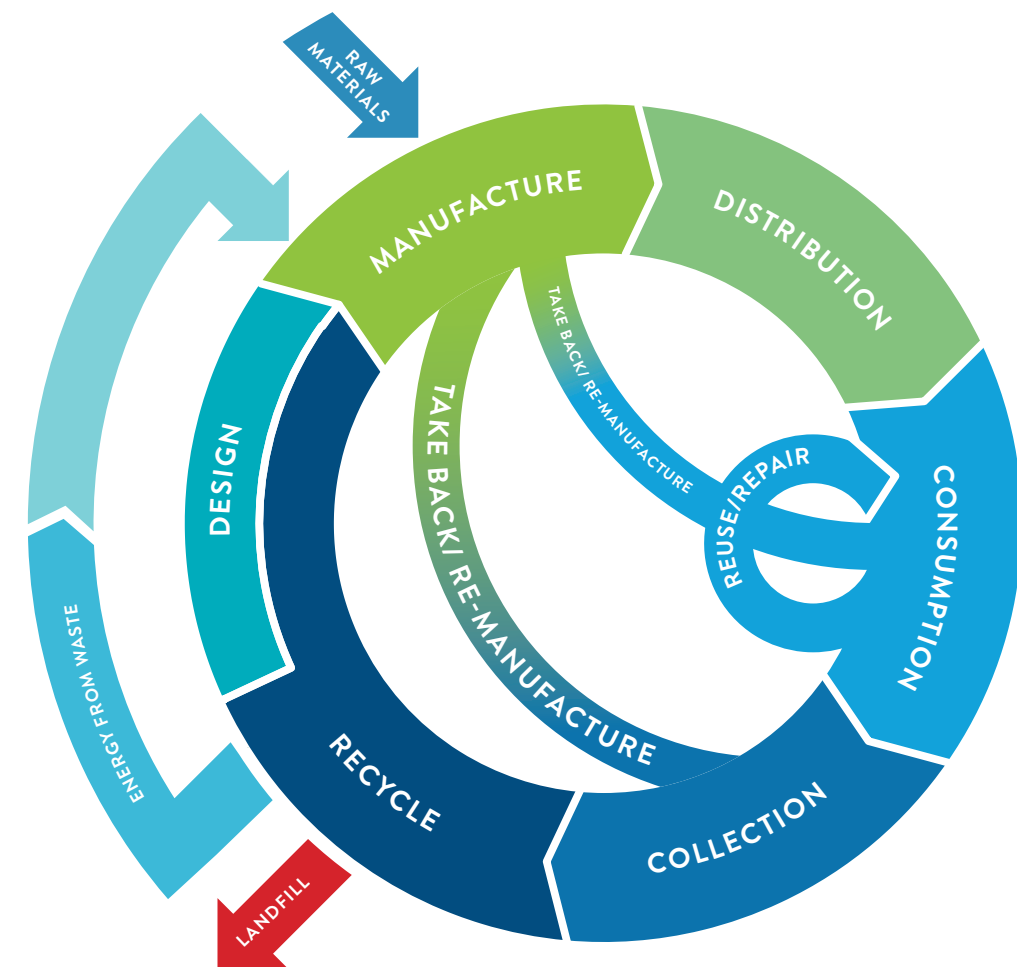
NSW CIRCULAR ECONOMY POLICY STATEMENT

The NSW Circular Economy Policy Statement provides a framework for discussions around the Circular Economy, a model of material usage where end of life goods and materials are reincorporated into the production process.

Council will pay particular attention to the 'Consumption' through to the 'Recycle' stages of the circular economy model where it will aim to minimise materials to landfill while maintaining the highest use value of products and materials. This process will align with the following key circular economy principles outlined in the NSW Circular Economy Policy Statement:



- 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; and
- Foster behaviour change through education and engagement.

NSW CIRCULAR ECONOMY MODEL



NSW WASTE AND SUSTAINABLE MATERIAL STRATEGY (WaSM) 2041 - STAGE 1: 2021-2027

The WaSM Strategy was developed by the NSW Government in 2021 and outlines the actions the NSW Government will take to deliver on long-term objectives to transition to a circular economy. The WaSM directly supports the National Waste Policy with an additional focus on targets such as:

5 YEAR TARGETS		<p>Phase out problematic and unnecessary plastics by 2025.</p> <p>Plastic litter reduction target of 30% by 2025.</p>
10 YEAR TARGETS		<p>Reduce total waste generated by 10% per person by 2030.</p> <p>80% average recovery rate from all waste streams by 2030.</p> <p>Introduce a new overall litter reduction target of 60% by 2030.</p>
SUB TARGETS - PLASTICS		<p>Eliminate problematic and single use plastics by 2025.</p> <p>Triple the plastics recycling rate by 2030.</p>
SUB TARGETS - ORGANICS		<p>Halve the amount of organic waste sent to landfill by 2030.</p> <p>Net Zero emissions from organics to landfill by 2030.</p>

The main focus areas of the WaSM are:

- Meeting our future infrastructure and service needs;
- Reducing carbon emissions through better waste and materials management; and
- Building on our work to protect the environment and human health from waste pollution.

MACARTHUR STRATEGIC WASTE ALLIANCE (MSWA) REGIONAL WASTE STRATEGY 2023-2027

The MSWA Regional Waste Strategy was developed in 2021 by the Macarthur Strategic Waste Alliance (now known as The Parks Waste Alliance) which encompassed the councils of Camden, Campbelltown, Wollondilly and Penrith.

The MSWA Waste Strategy was developed in direct response to addressing the targets outlined by the WaSM. Guiding Principles of the MSWA Strategy include the waste hierarchy (avoid, reduce, reuse, repair, recycle, recover and dispose), the Circular Economy, Net Zero Emissions and Sustainable Procurement. The MSWA Regional Waste Strategy 2023-2027 sets out a strategic approach to managing the Region's waste into the future.



COMMUNITY STRATEGIC PLAN – WOLLONDILLY 2040

The Community Strategic Plan – Wollondilly 2040 (CSP) articulates the community's long-term vision for the Wollondilly Shire. It is the highest-level plan for Wollondilly Shire Council and is used by Council and other agencies and stakeholders to guide policy and service delivery.

GOALS	STRATEGIC FOCUS AREAS	MEASURES
8. Lead by example and integrate sustainability into the culture of our organisation and community	8.1 Reduce our carbon footprint	<ul style="list-style-type: none">• C02 emissions in Council's operations• % of domestic waste diverted from landfill <p>Source: WSC</p> <ul style="list-style-type: none">• Community satisfaction with Council's support for community environmental initiatives• Community satisfaction with Council's domestic waste management services <p>Source: Annual Community Satisfaction Survey</p>
	8.2 Plan for and adapt to climate change	
	8.3 Lead and support a sustainable circular economy.	
	8.4 Lead and support Integrated Water Management practices	
	8.5 Ensure domestic waste is managed sustainably	

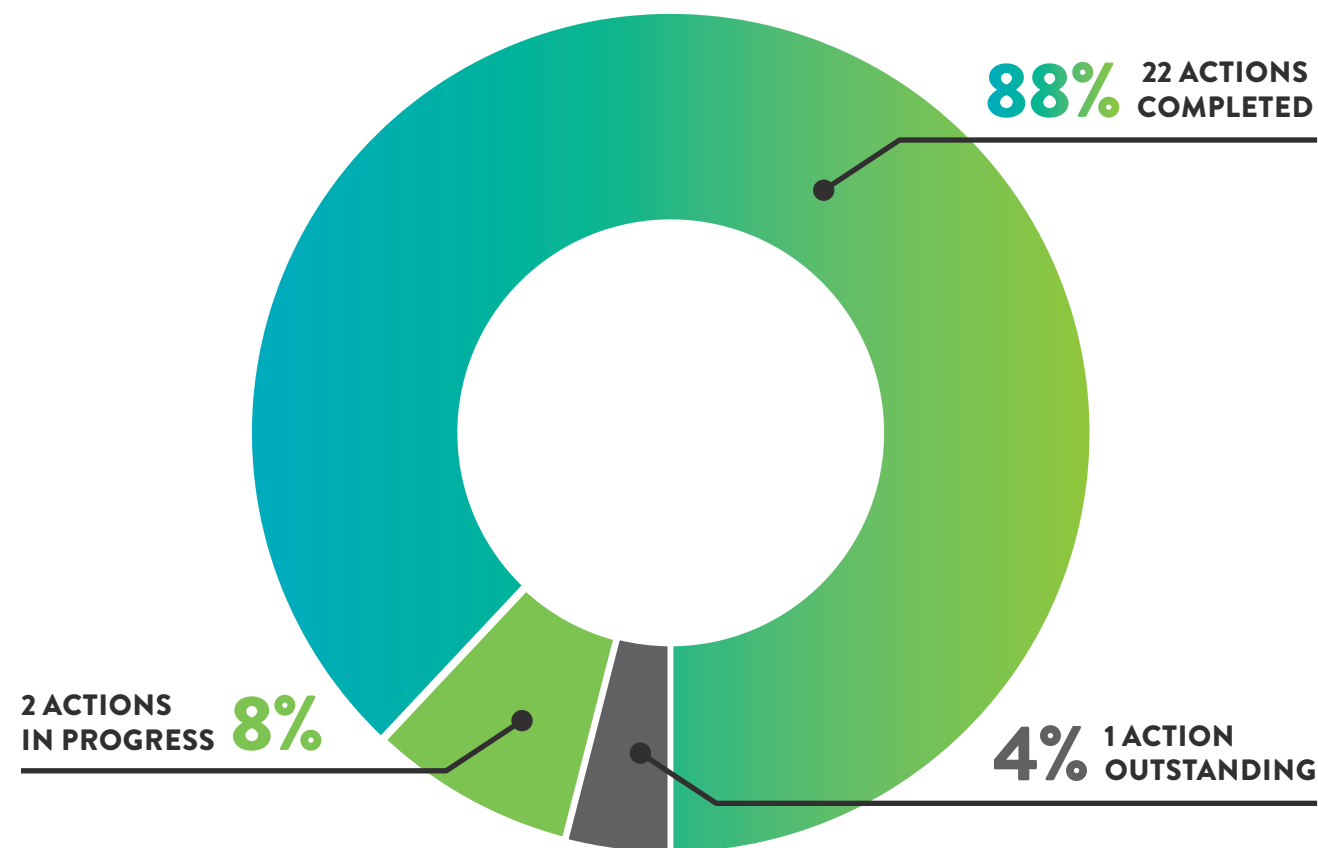


REVIEW OF PREVIOUS WOLLONDILLY MANAGEMENT AND RESOURCE RECOVERY STRATEGY 2020-2025

We are really proud of the actions completed over the past 5 years from the previous Wollondilly Waste Management and Resource Recovery Strategy 2020-2025. There were many successes throughout its implementation which were driven through community feedback.

Of the 25 actions identified in the previous Waste Strategy, 22 were successfully completed during the strategy term. Of the three incomplete actions, planning reviews have begun for the construction and operation of a Community Recycling Centre but is still in the early stages and the action remains outstanding. Development of a set of Waste Management Guidelines and an Emergency Waste Management Plan are well underway and will be finalised shortly. All three of these actions have been incorporated within the new Waste Strategy to prioritise funding, monitor their delivery and to continue to build on the positive achievements of the last five years.

2020 - 2025 ACTION PLAN PROGRESS



HIGHLIGHTS FROM THE PREVIOUS WASTE STRATEGY

- **Delivery of a regional waste processing** contract for the processing and/or disposal of domestic garbage, recyclables, garden organics and kerbside clean-up materials for the Macarthur region, which **commenced in May 2024**.
- **Early planning and preparation** for **Council's next kerbside waste collection tender**.
- **Introduction of a wood chipping trial** across the Shire to address residents' feedback and preparation for the fire season.
- **Weekly recycling collections** over the **Christmas** festive period.
- **Lobbying of the State Government** for the installation of additional Return and Earn reverse vending machines in Picton, The Oaks and Appin.
- **Development and adoption of a Landfill closure** and remediation plan for the Bargo Waste Management Centre.
- **Continued support for resource recovery** and problem waste events such as the Household Chemical CleanOut, textile donation events, Garage Sale Trail and Clean Up Australia Day.
- **Waste separation and diversion at key Council events** such as Illuminate and Thirlmere Festival of Steam.

Away from the public eye, the following operational actions were also achieved from the previous Waste Strategy:

- **Increased advocacy to State and Federal Governments on a range of waste related matters** such as:
 - » The NSW plastic ban
 - » The reduction of packaging waste
 - » The NSW Food Organics & Garden Organics (FOGO) mandate
 - » The NSW waste levy review
 - » The Draft NSW Waste and Circular Infrastructure Plan
- **Improved internal procurement practices** to support the circular economy (e.g. embedding the purchase of products made from recyclable materials within Council's Sustainability Strategy).
- **Continued the trial of public place recycling bins** in Picton and Bargo and installed updated signage with an aim to reduce contamination.
- **Continued to implement and expand free sharps collection locations** for residents at pharmacies around the Shire.
- **Improved** the content of the **annual waste booklet**.
- **Expanded the SustainaDilly workshop program** to include more workshops related to worm farming, composting and bees wax wraps.

CURRENT CHALLENGES AND OPPORTUNITIES FOR WOLLONDILLY

The strategy acknowledges the various unique challenges and opportunities that the Wollondilly Shire will face into the future. The strategy outlines a coherent approach to overcoming these critical challenges and sets a clear direction for the Shire to deliver positive outcomes. The following challenges and opportunities have been identified:

- **Management of Growth and Development Pressures:** With forecast growth set to double the current population by 2041, it is critical that planning occurs early to ensure waste infrastructure, services and facilities are developed to appropriately service the community at an affordable cost.
- **Limited Infrastructure and Services:** The geographic, societal and peri urban nature of the Wollondilly region will play a critical role in the establishment and placement of waste infrastructure and services with considerations around the distance between residents and the connectivity with the wider Sydney Basin being required.
- **Evidence Based Decision Making:** A data collection system and review framework is required to be developed to ensure that Council's current waste management services can be regularly reviewed for effectiveness.
- **Effective Resource Management:** Council must ensure the compliance of four closed landfills that require considerable financial support for remediation, monitoring and aftercare over the next 50 years, limiting Councils ability to commit to new or additional services.
- **Practical Action on Climate Change:** Climate change and extreme weather events, such as bushfires and high intensity storms, have the potential to impact the delivery of waste services to the community as well as require the implementation of clean up waste recovery services following such events.
- **Major Projects for the Next Five Years:** Council will be embarking on several major projects over the next five years including the commencement of a new kerbside waste collection contract, a shire-wide transition to a Food Organics and Garden Organics (FOGO) service and the closure and remediation of Bargo Waste Management Centre.



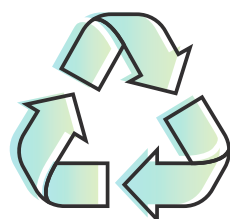
CURRENT WASTE SERVICES

KERBSIDE COLLECTION SERVICES

GARBAGE



RECYCLING



OTHER WASTE MANAGEMENT AND COLLECTION SERVICES

SUPPLY,
MAINTENANCE,
REPLACEMENT
OF BINS



PUBLIC PLACE BINS SUPPLY
AND COLLECTION.

SPECIAL EVENT BINS.

STREET/CARPARK SWEEPING.



SHARPS &
MEDICINES PHARMACY
Collection
SERVICE

LITTER AND
ILLEGAL DUMPING
COLLECTION



WASTE FACILITIES IN WOLLONDILLY SHIRE AVAILABLE FOR RESIDENT AND BUSINESS USE

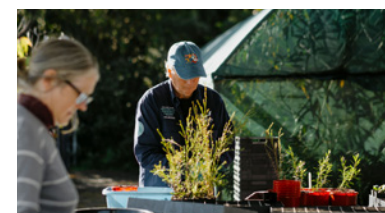
REMONDIS PICTON RESOURCE RECOVERY FACILITY

67 WONGA ROAD PICTON



REMONDIS®
WORKING FOR THE FUTURE

COMMUNITY SERVICES, EVENTS AND GUIDANCE



SUSTAINADILLY
WORKSHOPS



HOUSEHOLD CHEMICAL
CLEANOUT *events*



TEXTILE DONATION /
SWAP EVENTS



EVENT WASTE SORTING
& RESOURCE RECOVERY



RETURN AND EARN
MACHINES



RESILIENCE AND
DISASTER PREPARATION

WASTE FACILITIES OUTSIDE OF WOLLONDILLY SHIRE AVAILABLE FOR RESIDENT AND BUSINESS USE

PENRITH LANDFILL DEPOT

VEOLIA SPRING FARM RESOURCE RECOVERY PARK

MOSS VALE RESOURCE RECOVERY CENTRE

BENEDICT RECYCLING SMEATON GRANGE

BOWRAL WASTE CENTRE

WOLLONGONG WASTE AND RESOURCE RECOVERY PARK



WHAT WE HEARD FROM OUR COMMUNITY

Through engagement programs held in 2021, 2024 and during the draft waste strategy public exhibition in 2025, Council ran engagement programs inviting the community to provide feedback and insights on its approach to waste management and the services it offers.

The results of these engagement programs have been evaluated and summarised in the Community Consultation Report, helping to inform the development of this Waste Strategy and giving us a clearer understanding of what matters most to our residents.

This is what we heard from the community:

- **Bulky Waste** – mixed feedback for service methods such as booked and scheduled;
- **Construction and Demolition Waste** – concern about pollution and desire for resource recovery particularly acknowledging significant community growth projected;
- **Costs to Community** – interest in reducing costs to residents;
- **Costs to Council** – ensure Council is financially responsible and provides efficient services;
- **Education** – support for education, including incentives for exhibiting best practise behaviours and actions to address incorrect behaviours;
- **Energy from Waste** – support for EfW, interest in diversion from landfill and alternative and productive uses for waste;
- **Food Organics and Garden Organics (FOGO)** – support for its introduction;
- **Future Growth** – consider future growth and changing demographics in long term planning;
- **Geographic Challenges** – ensure that all areas of the Shire have services accessible to them;
- **Illegal Dumping** – concerns about dumping particularly in relation to high tipping fees;
- **Kerbside Collections** – interest in additional / weekly collection services;
- **Legacy Sites** – support for responsible environmental management to ensure protections for future generations;
- **Limited access to infrastructure and facilities** – concerns were raised about insufficient access to waste facilities, coupled with low awareness of alternative drop-off locations
- **Natural Disasters** – recognition of required flexibility and assistance during and following events;
- **Recycling** – strong support for increased recycling options, events and programs, particularly for hard to dispose of items;
- **Resource Recovery** – strong support for increased recovery and container deposit locations;
- **Rural Garden Organics** – support for the availability and introduction of this service and interest, in exemptions for specific very large lots; and
- **Wood Chipping Service** – low awareness levels about the service however mostly positive feedback from those who have used the service.



WHERE ARE WE NOW?

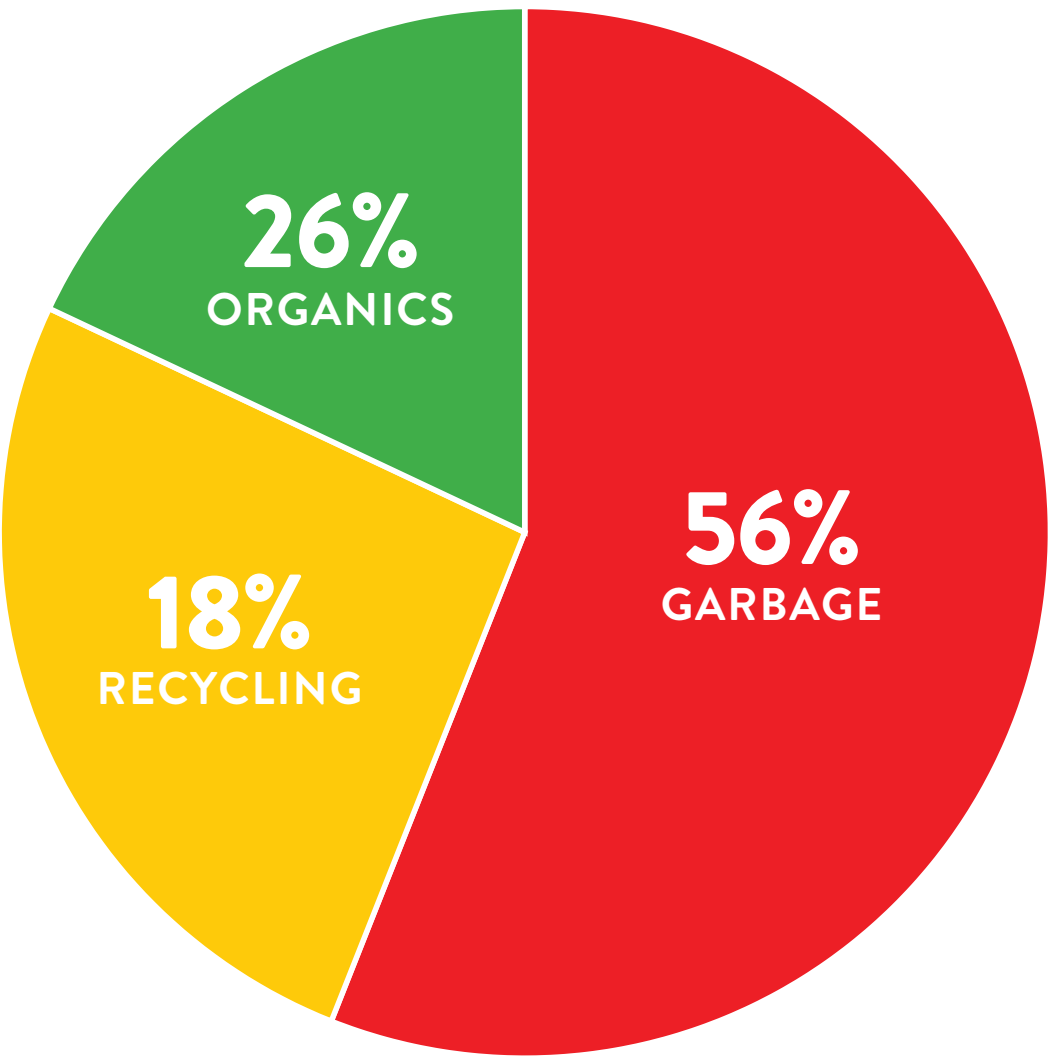
WASTE COLLECTION

During the 2023/24 financial year, garbage made up over half of residential kerbside materials collected within Wollondilly.

On average, during the 2023/24 financial year:

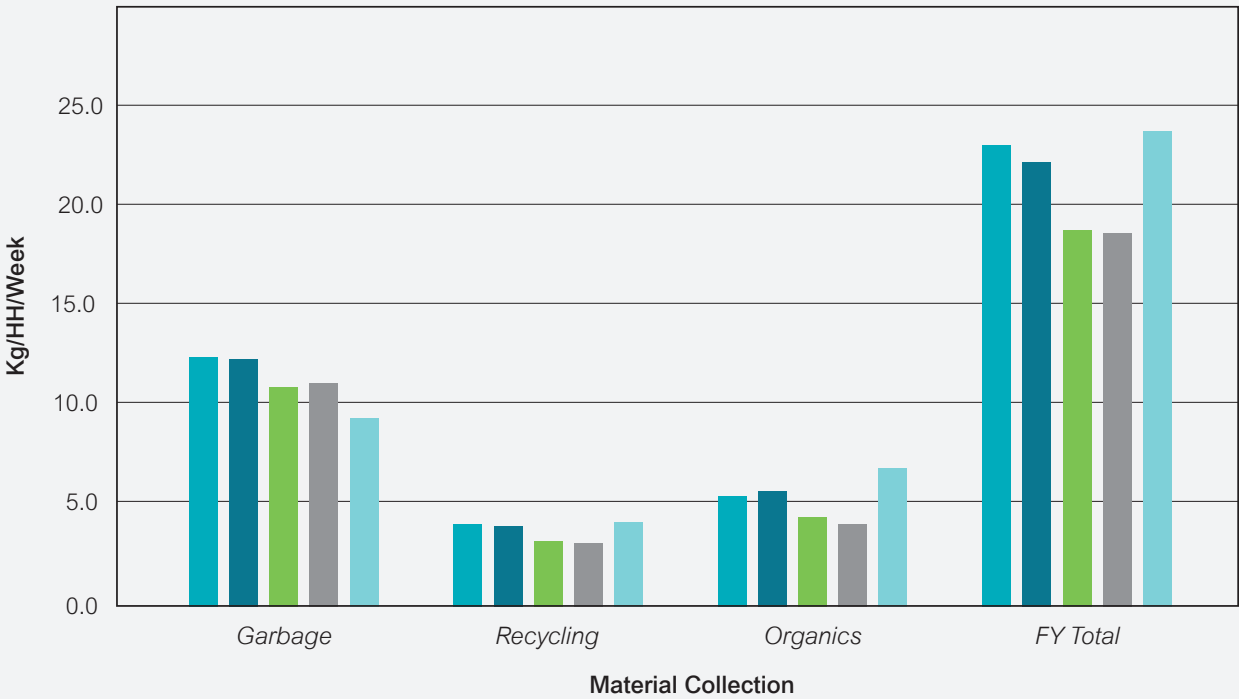
- Per household, we collected 18% more kerbside waste and recycling when compared to the average household in NSW.
- We collected 5% less waste in Wollondilly during the 2023/24 financial year compared to the total waste collected during the 2022/23 financial year.

WASTE COLLECTION DURING 2023/24



Total Waste Collected during FY2023/24: 223,778 tonnes

MATERIAL COLLECTION BY AREA



Legend:

Wollondilly (22/23 FY)	NSW (22/23 FY)	NSW EPA Regional Levy Area (22/23 FY)
Wollondilly (23/24 FY)	NSW EPA Metropolitan Levy Area (Sydney 22/23 FY)	

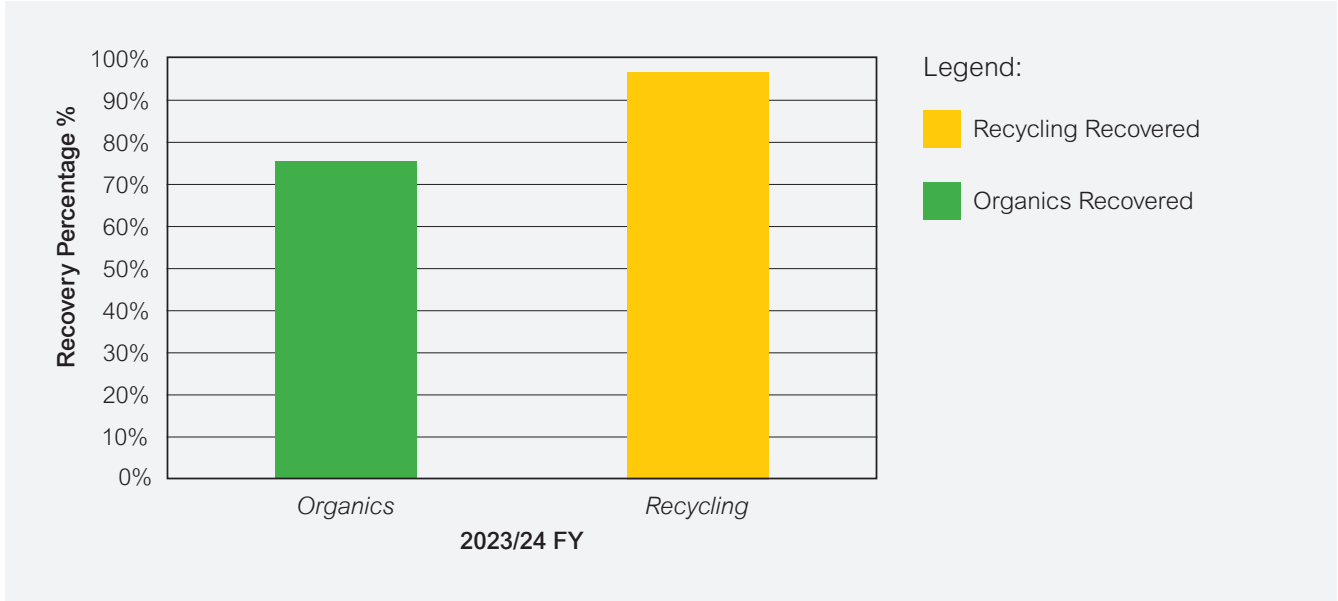
RECOVERY

In the 2023/24 financial year, 76% of recycling (from yellow-lid bin) and 97% of garden organics (from green-lid bin) were diverted from landfill.

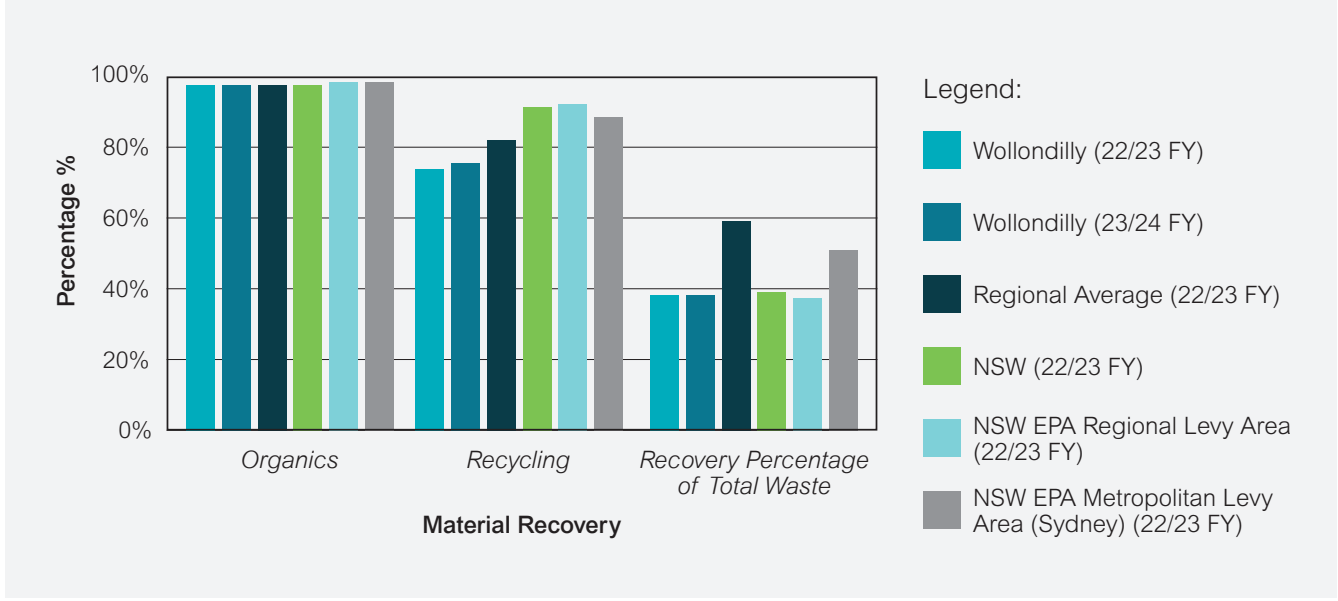
During the 2023/24 financial year, our recovery rate for recycling and garden organics was 14% less than the Metro Sydney Area and 21% less than the regional average which includes neighbouring Councils Camden, Campbelltown and Penrith.

The difference in total recovery rates is attributed to the additional recovery of garbage via alternate waste treatments in addition to the recovery of recycling and garden organics materials

RECYCLING AND ORGANICS RECOVERY



RECOVERY RATES



AUDITING

Of the audited materials within the red lid bins, both rural and residential properties contained similar quantities of materials that can be diverted for recovery. 35% of materials are food organics and garden organics (FOGO) and 7% are paper by weight. Additional materials that can potentially be diverted include:

- Absorbent Hygiene Waste/Nappies (7.61%);
- Plastics (6.37%);
- Textiles/Rags (5.76%);
- Ferrous Metals (2.32%);
- Cardboard/Packing Board (2.09%);
- Wood/Timber (1.85%); and
- Electrical items and Peripherals (1.27%).

Contamination within the recycling bin can be reduced by over 18% by correctly utilising the red lid bin (for non-recyclable papers, plastic and glass), expanding Council's recycling and organics processing capabilities and correctly utilising the green lid bin for garden organics.

HOW WILL WE GET THERE?

In order to facilitate increased resource recovery and diversion from landfill, this Strategy emphasises actions that best support the transition from a linear economy (i.e. purchase, use and subsequent landfill disposal of product) to a circular economy (i.e. recycling/recovery/re-use of product rather than it being sent to landfill).

The circular economy includes 13 “R Strategies” within the waste hierarchy. The R-strategies are classified under three categories (Design, Consumption and End of Life) that demonstrate the length of the waste loop each represents. The shorter the loop, the more sustainable the strategy is. The higher they are on the ladder, the tighter the waste loop (i.e. the strategy requires fewer materials and is therefore more circular).

The 13 R Strategies are shown in the below table.

	PHASE	R-STRATEGY	OUTCOMES
INCREASING CIRCULARITY	Design	Refuse	<ul style="list-style-type: none">• Support hiring over buying new• Consider available alternatives (Op shop, Second hand)
		Rethink	
		Reuse	<ul style="list-style-type: none">• Responsible use and manufacturing• Use less non-recyclable and hazardous materials• Maximise product lifetime and source separability• Support the simplification of designs
		Research	
		Reskill	
		Redesign	
		Revision	
	Consumption	Repair	<ul style="list-style-type: none">• Optimal use (i.e. keep materials in best condition possible)• Preserve and extend life of products
		Refurbish	
		Remanufacture	
		Repurpose	
INCREASING LINEARITY	End of Life	Recycle	<ul style="list-style-type: none">• Capture and retain value• Use waste as a resource• Develop processing technologies to support the extraction of full material value
		Recover or Incineration	
		Landfill	<ul style="list-style-type: none">• Value lost



PROGRAMS DEVELOPED

In order to understand how Council may address its waste management goals and challenges as well as align with WaSM priority areas, the following programs have been developed:

- **Planning for the Future;**
- **Reduction and Reuse of Waste Materials;**
- **Recover Resources and Materials Where Possible;**
- **Protecting the Environment; and**
- **Strategic Collaboration Within Council and With Adjacent Councils**

These programs each have objectives, actions and success measures that provide both general and specific direction for Councils waste management practices across the duration of the Waste Strategy. The programs have been developed utilising a combination of Council's Sustainability Policy, Community Strategic Plan, existing Waste Strategy, outcomes of community engagement and consideration of the key challenges faced by Council in the coming years. The cost of implementing these programs and their associated actions has been developed to sit within Council's existing Delivery Program, Operational Plan and Long Term Financial Plan.

PROGRAM 1: PLANNING FOR THE FUTURE

STATEMENT:

A community that plans for the future and ensures financially sustainable and equitable service delivery.

We are committed to ensuring that residents are adequately and equitably serviced both now and into the future. We will increase our waste service availability whilst ensuring the financial sustainability of services provided. We will also develop data capture systems to establish baseline performance and monitor ongoing service performance.

Objectives:

- To provide quality and equitable waste services to the community that support future growth;
- To ensure financial sustainability in the delivery and management of waste services; and
- To establish a baseline of waste performance and resource recovery.

PRIORITY ACTIONS

1.1	• Provide equitable and harmonised waste services to the community
1.2	• Ensure the financial sustainability of waste management through the development of fees and charges and long-term financial plans that accommodate current and future costs
1.3	• Implement monitoring systems and solutions to identify opportunities for improved management of Councils waste services and to identify opportunities for increased landfill diversion
1.4	• Conduct a kerbside waste audit prior to the implementation of FOGO to establish a baseline of service performance and an understanding of bin composition to assist with identifying service improvements
1.5	• Develop a material waste flow analysis to establish a baseline of waste performance and resource recovery
1.6	• Investigate the development of new waste infrastructure to support the community
1.7	• Complete the Natural Disaster Waste Management Plan
1.8	• Ensure better practice waste management is considered as part of future housing development

SUCCESS MEASURES

- Make a kerbside garden organics service available to all households
- Adequate financial waste reserve to meet compliance and future growth obligations
- Conduct a kerbside waste audit every 5 years
- Conduct a waste flow analysis every 2-3 years
- A completed Natural Disaster Waste Management Plan

Challenges Addressed: Management of growth and development pressures, limited infrastructure and services, evidence-based decision making, effective resource management, practical action on climate change, major projects for the next five years.

WaSM Priority Area Addressed: Meeting our future infrastructure needs.

Focus Point: It is integral that waste services and infrastructure are adequately developed to support growth that will occur in major growth areas such as Appin & Wilton.

PROGRAM 2: REDUCTION AND REUSE OF WASTE MATERIALS

STATEMENT:

A community that prioritises the reduction and reuse of waste materials.

Council is committed to the reuse of materials and will work to support locally based repair and refurbishment capabilities. We will investigate means to divert as much material as possible from landfill while maintaining a level of circularity with minimal material loss.

Objectives:

- Engage and collaborate with the community around waste reduction and the reuse of materials; and
- Provide opportunities for residents to support the reuse and refurbishment of materials locally.

PRIORITY ACTIONS

2.1	• Promote waste reduction initiatives
2.2	• Support local reuse/repair capabilities (e.g. car boot sales, clothing swap night)
2.3	• Host and/or deliver regular programs supporting the reuse and repair of goods for residents (e.g. SustainaDilly workshops)
2.4	• Investigate the feasibility of a bulky goods market
2.5	• Investigate opportunities to support a circular economy
2.6	• Participate in regional investigations of opportunities for resource recovery infrastructure, programs and services.

SUCCESS MEASURES

- Hold or reduce per capita waste generation at 2023/24 level
- Host or deliver one repair workshop or program locally or regionally every quarter
- Deliver one new reuse-centric program/strategy by 2029/30
- Provide funding, space or materials for a Circular Economy business or event to utilise

Challenges Addressed: Management of growth and development pressures, limited infrastructure and services, effective resource management.

WaSM Priority Area Addressed: Reducing carbon emissions through better waste and materials management.



PROGRAM 3: RECOVER RESOURCES AND MATERIALS WHERE POSSIBLE

STATEMENT:

A community that recovers resources and materials wherever possible.

Council is committed to developing and promoting a local identity prioritising the recovery of materials that are not able to be reused, repaired or refurbished. We will promote additional education materials to ensure that residents are informed on best practice resource recovery, and we will lobby for legislative change for designers and manufacturers to further prioritise the potential recovery of materials.

Objectives:

- To increase resource recovery at the kerbside;
- To reduce contamination and resource leakage at the kerbside;
- Pursue innovation and initiatives that support better practice waste management; and
- Advocate and lobby for legislative change around current industry waste management practices (including best design principles).

PRIORITY ACTIONS	
3.1	• Implement a kerbside Food Organics and Garden Organics (FOGO) service
3.2	• Investigate the feasibility of a mobile Community Recycling Centre (CRC)
3.3	• Implement the Wood Chipping service with clearer branding and messaging and investigate expansion of this service
3.4	• Identify further resource recovery opportunities or waste diversion options for kerbside waste
3.5	• Lobby for additional Return and Earn machines in growth areas across the Shire
3.6	• Develop education materials and investigate incentive programs around resource recovery opportunities and correct use of Councils waste management systems
3.7	• Lobby for legislative change that supports the consideration of circular economy in the design process
3.8	• Annual lobbying of state and/or federal government over the strategy period supporting progress towards a circular economy and increased resource recovery within the construction sector
3.9	• Convey the local interest and community support of Energy from Waste solutions to state government and NSW EPA

SUCCESS MEASURES
• FOGO service implemented by 2030
• Increase and sustain a resource recovery rate of greater than 60%
• Reduce contamination in yellow lid recycling bin
• Half of all organic waste currently in red-lid bin diverted to the green-lid bin in first year of FOGO service implementation

Challenges Addressed: Education and information provision, major projects for the next five years.

WaSM Priority Area Addressed: Reducing carbon emissions through better waste and materials management.



PROGRAM 4: PROTECTING THE ENVIRONMENT

STATEMENT:

A community that strives to protect the environment.

Council is committed to the continued protection and responsible management of its natural environment. We will work to minimise any local waste-based contamination and pollution while pursuing actions that minimise the regions contribution to climate change, promoting sustainability both now and into the future

Objectives:

- To provide waste services that limit the impact of waste on the natural and built environment.

PRIORITY ACTIONS	
4.1	• Continue to monitor Council's licenced landfills in accordance with NSW EPA licence conditions and the Protection of the Environment Operations Act 1997 (POEO Act)
4.2	• Remediate the landfill at Bargo Waste Management Centre
4.3	• Work collaboratively within Council and across other councils and agencies to reduce illegal dumping and litter
4.4	• Conduct litter and illegal dumping audits to identify hot spots and frequently dumped materials
4.5	• Investigate additional measures to mitigate illegal dumping and litter
4.6	• Collaborate with Crown Lands NSW by providing in-kind staff support to clean up and remediate nominated Crown Land sites, contingent on the availability of funding, to help reduce illegal dumping
4.7	• Develop a preliminary plan for the remediation of Council's legacy landfills at Appin, Picton and Wilton

SUCCESS MEASURES	
• Zero breaches by Council of Environmental Protection Licence conditions, POEO Act and CLM Act at licenced landfill sites during the Strategy period.	
• Completed remediation of the Bargo Waste Management Centre site	
• Reduce the quantity of illegally dumped materials at nominated remediated Crown Land Site	
• Completed preliminary plan for the remediation of Council's legacy landfills at Appin, Picton and Wilton	

Challenges Addressed: Evidence based decision making, education and information provision, practical action on climate change, major projects for the next five years.

WaSM Priority Area Addressed: Reducing carbon emissions through better waste and materials management, building on our work to protect the environment and human health from waste pollution.



Bargo Waste Management Centre

PROGRAM 5: STRATEGIC COLLABORATION WITHIN COUNCIL AND WITH ADJACENT COUNCILS

STATEMENT:

A community that supports and enables strategic collaboration to achieve long term goals (or outcomes).

Council is committed to establishing and promoting collaboration within Council and with neighbouring councils to provide mutually beneficial opportunities for waste recovery and management. We will work closely with The Parks Waste Alliance, to ensure adequate planning and preparation around regional procurement and natural disaster waste management occurs while also considering the implementation of future beneficial shared resource recovery options.

Objectives:

- Work closer with other internal council groups as well as externally collaborate on waste related projects;
- Develop an approach to waste management that is consistent locally and regionally; and
- Work collaboratively to plan for and lobby for future waste infrastructure needs

PRIORITY ACTIONS	
5.1	• Collaborate internally with Council teams to support circular economy opportunities, including sustainability initiatives in waste, the procurement of recycled materials and managing service changes during transition periods.
5.2	• Continue to be an active member of The Parks Waste Alliance
5.3	• Continue to pursue regional waste related contracts, including strategic alignment
5.4	• Support regional education programs, events and initiatives that increase recycling capacity in the region
5.5	• Investigate regional approaches for natural disaster waste management
5.6	• Investigate the feasibility of a circular economy hub that services Wollondilly, Southwest Sydney and the immediate surrounds
5.7	• Continue to support broader lobbying, collaboration and planning for the future waste needs of Sydney

SUCCESS MEASURES
• Regular attendance and participation in The Parks Waste Alliance activities and meetings
• Successfully deliver regional waste related contracts
• Delivery of regional educational programs
• Lobbying for legislative change in collaboration with neighbouring Councils

Challenges Addressed: Limited infrastructure and services, management of growth and development pressure.

WaSM Priority Area Addressed: Reducing carbon emissions through better waste and materials management.



ACTION TABLE

PROGRAM AREAS - OBJECTIVES AND ACTIONS

PROGRAM 1: PLANNING FOR THE FUTURE

The objective of this program is to provide quality and equitable waste services to the community that support future growth by maximising recovery and ensuring financial sustainability.

PRIORITY ACTIONS		25/26	26/27	27/28	28/29	29/30
1.1	Provide equitable and harmonised waste services to the community					
1.2	Ensure the financial sustainability of waste management through the development of fees and charges and long-term financial plans that accommodate current and future costs					
1.3	Implement monitoring systems and solutions to identify opportunities for improved management of Council's waste services and to identify opportunities for increased landfill diversion					
1.4	Conduct a kerbside waste audit prior to the implementation of FOGO to establish a baseline of service performance and an understanding of bin composition to assist with identifying service improvements					
1.5	Develop a material waste flow analysis to establish a baseline of waste performance and resource recovery					
1.6	Investigate the development of new waste infrastructure to support the community					
1.7	Complete the Natural Disaster Waste Management Plan					
1.8	Ensure better practice waste management is considered as part of future housing development					

PROGRAM 2: REDUCTION AND REUSE OF WASTE MATERIALS

The objective of this program is to engage and collaborate with the community around the development of waste reduction and reuse opportunities that support minimal material loss

PRIORITY ACTIONS		25/26	26/27	27/28	28/29	29/30
2.1	Promote waste reduction initiatives					
2.2	Support local reuse/repair capabilities (e.g. car boot sales, clothing swap night)					
2.3	Host and/or deliver regular programs supporting the reuse and repair of goods for residents (e.g. SustainaDilly workshops)					
2.4	Investigate the feasibility of a bulky goods market					
2.5	Investigate opportunities to support a circular economy					
2.6	Participate in regional investigations of opportunities for resource recovery infrastructure, programs and services					

PROGRAM 3: RECOVER RESOURCES AND MATERIALS WHERE POSSIBLE

The objective of this program is to increase the recovery of materials at the kerbside via the reduction of contamination, the pursual of innovation, and the advocacy for legislative change around waste management practices

PRIORITY ACTIONS		25/26	26/27	27/28	28/29	29/30
3.1	Implement a kerbside Food Organics and Garden Organics (FOGO) service					
3.2	Investigate the feasibility of a mobile Community Recycling Centre (CRC)					
3.3	Implement the Wood Chipping service with clearer branding and messaging and investigate expansion of this service					
3.4	Identify further resource recovery opportunities or waste diversion options for kerbside waste					
3.5	Lobby for additional Return and Earn machines in growth areas across the Shire					
3.6	Develop education materials and investigate incentive programs around resource recovery opportunities and correct use of Council's waste management systems					
3.7	Lobby for legislative change that supports the consideration of circular economy in the design process					
3.8	Annual lobbying of state and/or federal government over the strategy period supporting progress towards a circular economy and increased resource recovery within the construction sector					
3.9	Convey the local interest and community support of Energy from Waste solutions to state government and NSW EPA					

PROGRAM 4: PROTECTING THE ENVIRONMENT

The objective of this program is to provide waste services that limit the impact of waste on the natural and built environment.

PRIORITY ACTIONS		25/26	26/27	27/28	28/29	29/30
4.1	Continue to monitor Council's licence landfills in accordance with NSW EPA licenced conditions and the Protection of the Environment Operations Act 1997 (POEO Act)					
4.2	Remediate the landfill at Bargo Waste Management Centre					
4.3	Work collaboratively within Council and across other Councils and agencies to reduce illegal dumping and litter					
4.4	Conduct litter and illegal dumping audits to identify hot spots and frequently dumped materials					
4.5	Investigate additional measures to mitigate illegal dumping and litter					
4.6	Collaborate with Crown Lands NSW by providing in-kind staff support to clean up and remediate nominated Crown Land sites, contingent on the availability of funding, to help reduce illegal dumping					
4.7	Develop a preliminary plan for the remediation of Council's legacy landfills at Appin, Picton and Wilton					

PROGRAM 5: STRATEGIC COLLABORATION WITHIN COUNCIL AND WITH ADJACENT COUNCILS

The objective of this program is to develop a locally and regionally consistent approach to waste management via close collaboration with internal council groups and adjacent councils

PRIORITY ACTIONS		25/26	26/27	27/28	28/29	29/30
5.1	Collaborate internally with Council teams to support circular opportunities including sustainability initiatives in waste, the procurement of recycled materials and to managing service changes during transition periods.					
5.2	Continue to be an active member of The Parks Waste Alliance					
5.3	Continue to pursue regional waste related contracts, including strategic alignment					
5.4	Support regional education programs, events and initiatives that increase recycling capacity in the region					
5.5	Investigate regional approaches for natural disaster waste management					
5.6	Investigate the feasibility of a circular economy hub that services Wollondilly, Southwest Sydney and the immediate surrounds					
5.7	Continue to support broader lobbying, collaboration and planning for the future waste needs of Sydney					

REFERENCE LIST

ARUP (2021), *Wollondilly Local Housing Strategy 2021*

Department of Climate Change, Energy, the Environment and Water (2018), *National Waste Policy*

Circularise (2023), *R-Strategies for a Circular Economy*

EC Sustainable (2021), *Household Kerbside Bin System Audit 2021*

HillPDA Consulting (2020), *Wollondilly Employment Land Strategy*

Macarthur Strategic Waste Alliance (2023), *Regional Waste Strategy 2023-2027*

NSW Government (2019), *NSW Circular Economy Policy Statement*

NSW Government (2021), *NSW Waste and Sustainable Materials Strategy 2041- Stage 1: 2021-2027*

Talis Consultants (2025), *Waste Management and Resource Recovery Strategy Community Consultation Report*

Wollondilly Shire Council (2020), *Waste Management & Resource Recovery Strategy and Action Plan 2020-2025*

Wollondilly Shire Council (2021), *Future of Waste Services Survey*

Wollondilly Shire Council (2021), *Wollondilly Rural Lands Strategy 2021*

Wollondilly Shire Council (2023), *Sustainability Policy 2023*

Wollondilly Shire Council (2025), *Community Strategic Plan - Wollondilly 2040*



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