

LIMESTONE COAST LOCAL GOVERNMENT ASSOCIATION

# REGIONAL WASTE MANAGEMENT STRATEGIC DIRECTION 2018 - 2023

The Limestone Coast Local Government Association (LCLGA) is formed of the seven Local Government Councils in the Limestone Coast, and leads coordination and advocacy for Local Government in the region.

The Association which represents the Naracoorte Lucindale Council, District Council of Grant, City of Mount Gambier, Wattle Range Council, Kingston District Council, District Council of Robe and Tatiara District Council is active on a number of regional issues, and works in partnership with other regional organisations to deliver benefits for the Limestone Coast economy and communities.

**Currently a population base of more than 65,000 residents is represented in the Limestone Coast.**

The Limestone Coast Local Government Association (LCLGA) Waste Management Strategic Direction has been developed as part of the LCLGA's commitment to 'establish a regional approach to waste management.'

The strategy recognises that a regional focus on waste management is needed due to:

- Escalating costs of waste management and subsequent economic pressures faced by Councils
- Increasing enforcement of environmental standards for landfill operations and the associated costs
- Opportunity to more effectively address and undertake activities where there is consistency across Councils, such as education and optimising economies of scale

The LCLGA Strategic Plan outlines a key regional environmental outcome as:

- A regional approach to waste to landfill minimisation and innovative and sustainable waste management.

The South Australian Waste Strategy states three objectives as follows:

- A resource efficient economy where the best or full value is secured from products and materials produced, consumed and recovered across the state.
- A stable and efficient market for investors through a clear policy framework providing a solid platform for investment decisions.
- A culture enabling the South Australian community businesses and institutions to continue and strengthen their role in implementing zero waste strategies and programs locally, nationally and internationally.

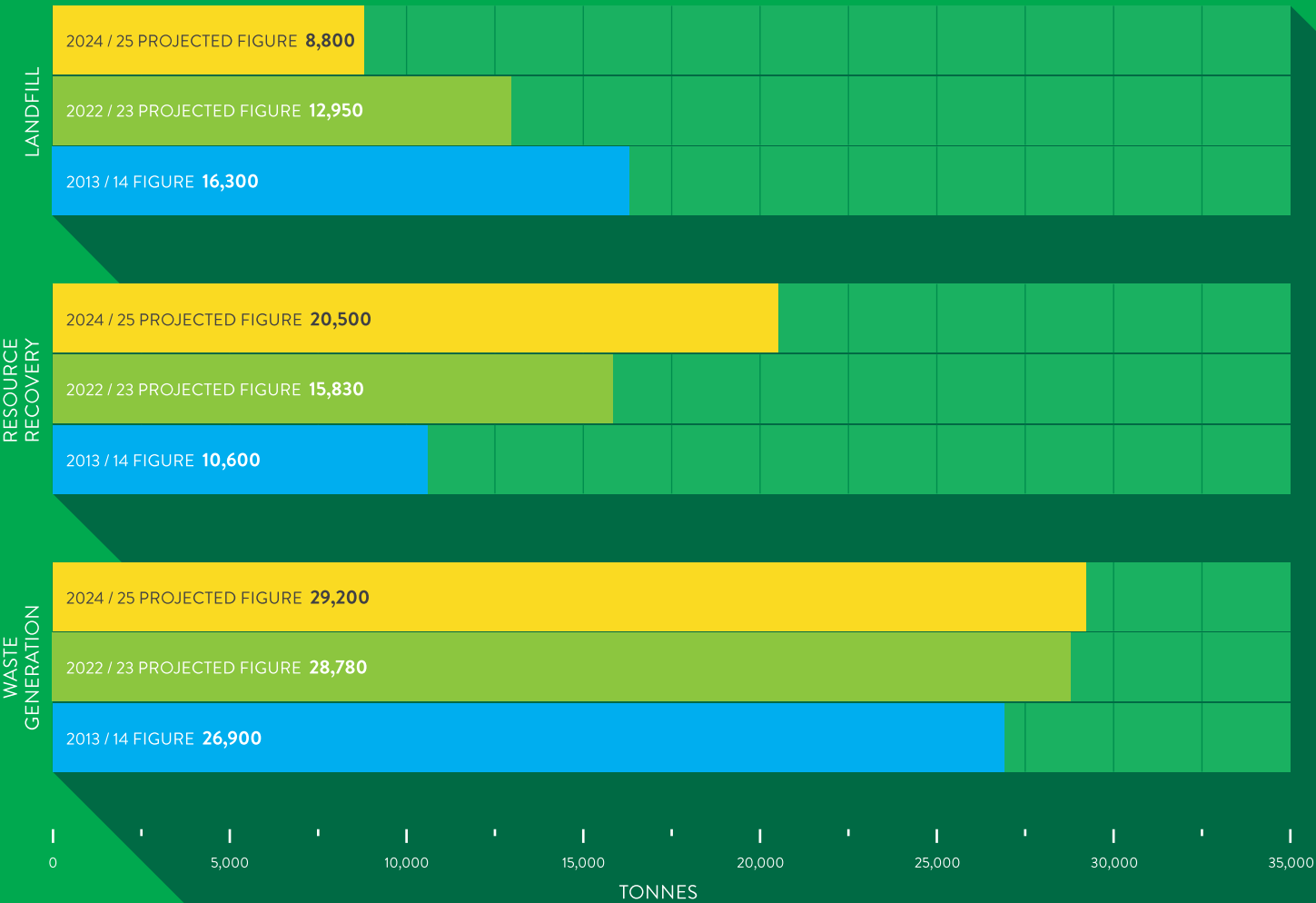
**Through this strategic direction, we aim to have a regional approach to waste to landfill minimisation and innovative and sustainable waste management.**

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# REGIONAL WASTE MANAGEMENT STRATEGIC DIRECTION

IN 2013 / 14 THE LIMESTONE COAST REGION PRODUCED 26,900 TONNES OF WASTE; 10,600 TONNES OF MUNICIPAL SOLID WASTE WAS DIVERTED FROM LANDFILL AND 16,300 TONNES SENT TO LANDFILL.

WE AIM TO DIVERT AT LEAST 55% OF WASTE FROM LANDFILL BY 2022 / 23.



## PRIORITIES AND OBJECTIVES

To achieve the waste management goal, the Regional Waste Management Steering Committee identified several priorities to be addressed in this strategy.

### PRIORITY AREA 1 REDUCED TRANSPORT COSTS

The location of the region means travel distances and therefore transportation costs will be a significant cost for all waste streams. With the rise and fall of global markets impacting greatly on transportation variable costs, regional solutions need to be reviewed and supported to either reduce travel distances required or improve volume of waste transported to achieve greater economies of scale.

### PRIORITY AREA 2 WASTE GENERATION

Approximately 26,900 tonnes of Municipal Solid Waste (MSW) was generated in 2013/14. Green Industries SA (2016) predicts that this will increase to 29,200 tonnes in 2024/25. Therefore, there is a need to reduce the amount of waste generated in the region, as this will also limit the need for additional landfill and processing capacity. Campaigns, programs and projects will be identified and delivered to raise awareness in the community about waste minimisation and avoidance.

### PRIORITY AREA 3 LANDFILL DIVERSION

Since 2004, EPA landfill requirements have increased and the cost of improvements required to achieve the latest environmental standards led to the closure of thirteen Council owned landfills in the region. The region now only has two landfills, Caroline Landfill being the major landfill and Sandy Ridge Landfill which accepts metals, building waste, green waste, hard waste and soil. Caroline Landfill is solely owned by the City of Mount Gambier and located in the District of Grant. This landfill is used by four Councils in the region, whilst some Councils use Brinkley Landfill located more than 250km from the north most Council in the region.

Councils incur high transport costs as some of the Councils have their residual waste freighted over long distances. Escalating waste levy also adds more expenses to disposal of waste to landfills. Councils therefore need actions that divert the volume of waste currently disposed to landfill. Increasing recycling and processing organics will save landfill space and diversion will reduce the impact of the waste levy on Council's resources. Landfill diversion will also minimise impacts on public health and the environment including greenhouse gas emissions, odour, dust, noise nuisance and litter from Council's landfill management activities.

There is other infrastructure in the region in summary 10 CDL Depots, 5 composting facilities, 9 drop off facilities, 3 material recycling facilities, 20 resource recovery and transfer stations and 1 construction and demolition processing facility. A waste and resource recovery infrastructure plan has been proposed for the region which will be used in conjunction with this strategic direction.

### PRIORITY AREA 4 REGIONAL COOPERATION AND COMMUNICATION

It has been proven that Councils derive benefit from regional cooperation and communication when they have collaborated, exchanged information or shared facilities and services. The first objective in this area is driven by the potential benefits from economies of scale, diminishing landfill options and the desire to establish regional or subregional facility for residual waste disposal.

## PRIORITY AREA 5 RESOURCE RECOVERY

The region continues to lose large quantities of recyclable materials via the residual waste bin, despite the continuing improvement in the kerbside recycling infrastructure. This is evident in compositional waste audits. Regional audits indicated the need to encourage source separation and the uptake of recycling services in the commercial sector.

## PRIORITY AREA 6 ILLEGAL DUMPING

The increasing incidence of illegal dumping and recently enacted Local Nuisance and Litter Control Act 2016 – South Australian, make this a suitable area of focus. The aim will be to tackle illegal dumping and raise awareness.

## LIST OF STAKEHOLDERS

INDUSTRY	REGIONAL LEADERSHIP	GOVERNMENT
<b>KESAB</b> South Australia's peak NGO environmental sustainability educator	<b>Limestone Coast Local Government Association</b> Consisting of 7 Councils	<b>Local Government Association SA</b>
<b>Waste Contractors</b> Provide waste and recycling collection services as well as waste disposal	<b>Limestone Coast Regional Waste Management Steering Committee</b>	<b>Green Industries SA</b>
<b>Resource Recovery and Recycling Facilities</b> Provide a consolidation point for unsorted material collected from residential or commercial premises and from public drop-off facilities	<b>Regional Development Australia Limestone Coast</b>	
Service provision	> Capacity building + Facilitation > Advocacy + support > Leadership > Funding	> Leadership > Capacity building +support > Funding

## REGIONAL WASTE MANAGEMENT STRATEGIC DIRECTION

## PRIORITY AREA 1

## REDUCED TRANSPORT COSTS

OBJECTIVES		TARGETS		PERFORMANCE MEASURES
1.1	Reduce transport costs by encouraging reprocessing of resources locally.	1.1.1	Reprocessing facilities established locally to add value to more recyclables.	<ul style="list-style-type: none"> <li>&gt; Number of reprocessing facilities established locally</li> <li>&gt; Recycled products used locally</li> <li>&gt; Markets for recyclables identified</li> </ul>
1.2	Identify and create local markets for recycled products.	1.2.1	End use for recycled products created.	
		1.2.2	Councils deriving financial benefits from sale of recyclables.	

## PRIORITY AREA 2

## WASTE GENERATION

OBJECTIVES		TARGETS		PERFORMANCE MEASURES
2.1	Reduce waste generation by encouraging waste avoidance through a targeted community engagement strategy.	2.1.1	An effective community engagement strategy and waste education initiatives and facilities.	<ul style="list-style-type: none"> <li>&gt; % reduction in waste generation per capita</li> <li>&gt; Number of waste education initiatives and facilities</li> <li>&gt; Number of participation in waste reduction programs</li> </ul>
		2.1.2	A reduction in waste generation per capita.	
		2.1.3	Increased engagement of the business and broader community in waste reduction programs.	

## REGIONAL WASTE MANAGEMENT STRATEGIC DIRECTION

### PRIORITY AREA 3

#### LANDFILL DIVERSION

OBJECTIVES		TARGETS		PERFORMANCE MEASURES
3.1	Increase diversion rates from landfill.	3.1.1	Increase diversion rates.	<ul style="list-style-type: none"> <li>&gt; Change in diversion rate</li> <li>&gt; Review of infrastructure needs</li> <li>&gt; Number of waste diversion programs delivered</li> <li>&gt; Range and number of options for diversion</li> </ul>
		3.1.2	Expansion of programs and projects that reduce waste generation and improve recycling.	
		3.1.3	Waste treated as a resource.	
		3.1.4	A range of individual or shared options identified to divert or recover waste destined for landfill.	

### PRIORITY AREA 4

#### REGIONAL COOPERATION AND COMMUNICATION

OBJECTIVES		TARGETS		PERFORMANCE MEASURES
4.1	To identify, implement and support regional solutions to manage residual waste, recycling and organics processing	4.1.1	Research to investigate the feasibility of regional solutions and identify solutions or facilities to manage all waste streams. A number of shared facilities or contracts.	<ul style="list-style-type: none"> <li>&gt; Investigation or reports complete.</li> <li>&gt; Number of shared contracts or facilities.</li> <li>&gt; Comprehensive data collection and accurate reporting.</li> <li>&gt; Reviewed operational procedures and agreements.</li> </ul>
4.2	Improve regional reporting and data capture	4.2.1	An improved reporting system and data capture in place by 2018.	
4.3	Improve regional communication	4.3.1	Regular meetings and active participation in meetings and increase in communication across the region.	

## REGIONAL WASTE MANAGEMENT STRATEGIC DIRECTION

## PRIORITY AREA 5

### RESOURCE RECOVERY

OBJECTIVES		TARGETS		PERFORMANCE MEASURES
5.1	Increase recycling rates.	5.1.1	Reduction in contamination rates in the recycling stream.	<ul style="list-style-type: none"> <li>&gt; Change in recycling rate.</li> <li>&gt; Household participation in recycling.</li> <li>&gt; Number of businesses with a recycling/organics service.</li> </ul>
		5.1.2	Increased participation rates and services for recycling and organics.	
5.2	Increase resource recovery by sharing facilities, improving engagement and collection.	5.2.1	Increased options and opportunities for shared resource recovery in MSW, C&I and C&D.	<ul style="list-style-type: none"> <li>&gt; Number of reuse shops and education initiatives targeting recycling.</li> <li>&gt; Number of shared facilities for resource recovery.</li> </ul>
		5.2.2	Extend reach of resource recovery education and community engagement programs.	

## PRIORITY AREA 6

### ILLEGAL DUMPING

OBJECTIVES		TARGETS		PERFORMANCE MEASURES
6.1	Combat illegal dumping and establish baseline data.	6.1.2	Increased awareness on illegal dumping. Increased baseline data collection on illegal dumping. Reduced incidence of illegal dumping. Enforcement of illegal dumping throughout the region.	<ul style="list-style-type: none"> <li>&gt; Number of incidents of illegal dumping</li> <li>&gt; Number of reports of illegal dumping</li> </ul>

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