

# Leicestershire Resources and Waste Strategy (Draft)



**Draft Resources  
and Waste Strategy  
for Leicestershire  
2022-2050**

# Pledges 1



## Draft Resources and Waste Strategy Pledges

### Pledge 1

All Councils within the Partnership will review their purchasing activities and internal waste management services to seek to promote waste prevention, reuse and recycling to support the objectives of this Strategy and lead by example.

### Pledge 2

The Partnership pledge to support and encourage waste prevention activity across Leicestershire. This will include working with stakeholders, residents and communities to prevent unnecessary waste arising, for example through food waste reduction campaigns such as Love Food Hate Waste.

# Pledges 2

<b>Pledge 3</b>	<p>The Partnership pledge to continue delivering reuse services and expand activities where practicable, working in partnership with other stakeholders and to signpost to places that advocate for waste prevention and reuse, in support of developing a circular economy. This includes a pledge to continue to improve the collection of items for reuse at HWRCs and explore the development of re-use shops at suitable sites.</p>
<b>Pledge 4</b>	<p>The Partnership will implement and promote separate food waste collections to all households, subject to confirmation of Government policy, legislation and the provision of funding. This will be as soon as required and when contracts and circumstances dictate. The County Council will procure Anaerobic Digestion capacity to treat the collected food waste in a manner that contributes to effective carbon emissions reduction across the county and improves soil quality.</p>

# Pledges 3



<b>Pledge 5</b>	The Partnership will explore the use of alternative fuels for collection vehicles and the transportation of waste and resources to further reduce carbon emissions of the service and improve air quality.
<b>Pledge 6</b>	The Partnership will continue to offer a garden waste collection system to Leicestershire residents. This will follow Government guidelines as to the form of the collection and will be subject to legislation and total Government funding. The Partnership will continue to procure composting capacity to treat the collected garden waste in a manner that supports carbon reduction and improves soil quality.

# Pledges 4



<b>Pledge 7</b>	The Partnership shall ensure that the full range of recyclables (as specified by Government and subject to funding) are collected from residents (and businesses where applicable) across Leicestershire by 2025, or as soon as possible when contracts and circumstances dictate.
<b>Pledge 8</b>	The Partnership shall continue to explore the viability of adding extra materials to recycling collections (e.g. for batteries, small electric goods or clothing) aiming to keep Leicestershire's performance above the national average.

# Pledges 5



<b>Pledge 9</b>	<p>The Partnership will put in place collection systems to contribute towards the achievement of the national 65% recycling target by 2035, this may include restricting residual waste capacity to encourage greater materials separation, carbon savings and resource recovery. Improvements in materials recovery at Household Waste Recycling Centres will also contribute towards the national target.</p>
<b>Pledge 10</b>	<p>The Partnership will continue to allocate a communications budget sufficient to help promote good recycling behaviour and maximise resource recovery to support the circular economy and low carbon objectives of this Strategy.</p>

# Pledge 6



## Pledge 11

The County Council will reduce waste sent to landfill to less than 5% by 2025, well in advance of the 10% national target by 2030. The County Council will undertake future procurement processes for residual waste treatment (alternatives to landfill) in line with the vision and objectives of this Strategy.

# Collection Options 1

Option	Description
Baseline	Current Service
Option 1 <i>Waste minimisation</i>	Focus on waste awareness / education / waste reduction / recycling and prevention initiatives.
Option 2 <i>Reuse and repair</i>	Focus on facilitating or promoting reuse / repair activities across Leicestershire
Option 3: <i>Revised Baseline with Consistent Collection measures, EPR &amp; DRS</i>	<p>As Baseline (current collection), except:</p> <ul style="list-style-type: none"> <li>• Recycling collection to include materials indicated in national consistent collections consultation (e.g. plastic film, cartons etc.) where not currently collected .</li> <li>• 'Free' garden waste collection</li> </ul>
Option	Description
	<ul style="list-style-type: none"> <li>• Separate weekly food waste collection introduced across the Partnership (with food waste sent to Anaerobic Digestion, AD).</li> <li>• A national Extended Producer Responsibility<sup>3</sup> and Deposit Return Scheme<sup>4</sup> come into effect as set out in Government consultation.</li> <li>• Sensitivity on recycling to include batteries, textiles and small waste electrical and electronic equipment (WEEE) collections</li> </ul>



# Collection Options 2



<p>Option 4 <i>Retained charged garden</i></p>	<p>As Option 3, except:</p> <ul style="list-style-type: none"><li>• Garden waste collection is retained as a charged service for all WCAs that currently operate a subscription service</li></ul>
<p>Option 5A <i>Restricted residual waste by container size</i></p>	<p>As Option 3, except:</p> <ul style="list-style-type: none"><li>• Residual waste collected fortnightly in 140L wheeled bins.</li></ul>
<p>Option 5B <i>Restricted residual waste by frequency</i></p>	<p>As Option 3, except:</p> <ul style="list-style-type: none"><li>• Residual waste collected three-weekly in 180L / 240L wheeled bins.</li></ul>
<p>Option 6 <i>Twin stream recycling, fibre out (paper and card)</i></p>	<p>As Option 3, except:</p> <ul style="list-style-type: none"><li>• Fortnightly twin stream collection of dry recycling. Paper &amp; card in one box, and plastics, glass and cans in wheeled bin.</li></ul>

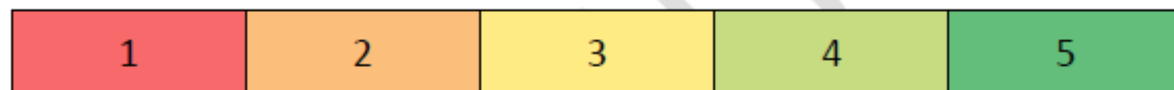
# Collection Options 3



<p>Option 7 <i>Kerbside sort</i></p>	<p>As Option 3, except:</p> <ul style="list-style-type: none"><li>• Fortnightly kerbside sort collection of dry recycling.</li></ul>
<p>Option 8 <i>Three-stream recycling</i></p>	<p>As Option 3, except:</p> <ul style="list-style-type: none"><li>• Fortnightly three-stream collection of dry recycling. Paper and card in box 1, glass in box 2, and plastic and cans in box 3.</li></ul>

		<i>Business as Usual</i>	<i>Revised Baseline with Consistent Collection measures, EPR &amp; DRS</i>	<i>As Option 3, with retained charged garden</i>	<i>As Option 3, plus restricted residual (140L WHB)</i>	<i>Option 3, plus restricted residual (3-weekly collection)</i>	<i>As Option 3, plus fortnightly twin stream collection of dry recycling</i>	<i>As Option 3, plus kerbside sort collection of dry recycling</i>	<i>As Option 3, plus three-stream recycling</i>
Criteria	Weighting	Baseline	Option 3	Option 4	Option 5A	Option 5B	Option 6	Option 7	Option 8
Carbon	4.7	3	3	3	5	5	1	1	1
Recycling performance	4.3	1	4	3	5	5	4	4	4
Cost	4.3	5	1	4	2	2	1	2	2
Residual waste arisings	4.1	1	4	4	5	5	4	4	4
Educational / Awareness Raising	4.1	1	4	3	4	4	3	4	4
Alignment with National Policy	4.0	2	3	2	3	2	4	5	5
Public Acceptability	3.9	3	5	4	2	1	4	3	3
Social Value	3.5	2	4	3	3	3	4	4	4
Operational Flexibility	3.4	4	5	5	5	2	3	2	4
Resource Use	3.2	2	3	3	5	5	3	3	3
<b>Total Score (with weighting applied)</b> Highest Number = Best Option		<b>94.8</b>	<b>140.5</b>	<b>133.6</b>	<b>153.8</b>	<b>135.7</b>	<b>120.3</b>	<b>125.4</b>	<b>132.2</b>

### Key



Worst performing

Best performing

ES Table 2: Modelled kerbside collection cost and performance

	Annual gross collection cost <sup>7</sup>	Kerbside recycling rate <sup>8</sup>	Indicative collection cost increases relative to baseline	Collection cost per 1% increase in kerbside recycling performance <sup>9</sup>
Baseline (current service)	£18,428,500	46.4%	-	-
Option 3	£24,441,700	57.12%	£6,013,200	£559,400
Option 4	£23,549,900	54.47%	£5,121,300	£632,300
Option 5A	£24,758,800	61.97%	£6,330,200	£405,800
Option 5B	£23,604,300	61.32%	£5,175,700	£346,200
Option 6	£27,914,100	56.76%	£9,485,500	£912,900
Option 7	£27,468,000	55.76%	£9,039,400	£962,700
Option 8	£28,509,300	55.76%	£10,080,700	£1,073,600