





## Appendix 1

### Preferred food waste equipment options

Equipment	Type	Advantages	Insights / evidence / justification
<b>Kitchen caddy</b>	<b>Preferred option: Compost Bag UK 5 litre caddies</b> 	<ul style="list-style-type: none"> <li>- Space saving, ideal for smaller kitchens, in flats or smaller households</li> <li>- Lighter and easier to carry when full</li> <li>- Encourage frequent emptying, reducing odour/mould build-up</li> <li>- More cost effective</li> <li>- Lid locking handle</li> </ul>	<ul style="list-style-type: none"> <li>- Suitable for smaller yield of food waste like B&amp;H,</li> <li>- Also suitable for flats which have limited space in their kitchen, used without issue by Portsmouth CC (since 2019, previously used a different model)</li> <li>- Westminster City Council, tried both 5L and 7L but the 5L is more requested among the residents</li> <li>- Being used in Portsmouth CC and have provided feedback it is working well</li> </ul>
<b>Kerbside caddy</b>	<b>Preferred option: Compost Bag UK 23 litre caddy</b> 	<ul style="list-style-type: none"> <li>- Smaller and lighter, operatives can easily handle and empty, improve efficiency during collections</li> <li>- Recommended by WRAP</li> <li>- Lid locking handle</li> </ul>	<ul style="list-style-type: none"> <li>- Suitable for smaller yield of food waste like B&amp;H</li> <li>- Less space needed on the kerbside particularly for households that already have residual bin and recycling bin and glass box</li> <li>- Portsmouth CC, feedback that efficiency increased with smaller caddies, requiring less frequent emptying and is working well.</li> </ul>
<b>Caddy liners provision</b>	<b>Preferred options: Provide bin liners with caddies</b>	<ul style="list-style-type: none"> <li>- <b>Hygiene and cleanliness</b>, preventing direct contact with the bin and reducing odours, spillage, and potential contamination</li> <li>- <b>Convenience</b>, residents find it easier to manage food waste when provided liners as they can tie up and put it on the kerbside caddy/communal bin without the need cleaning or rinsing of the caddy</li> <li>- <b>Reduced mess and maintenance</b>, particularly for communal food waste bins, simplify emptying bins and prevent food residue from sticking inside bins/caddy</li> <li>- <b>Increased participation</b>, may encourage more residents to participate, eliminates barriers related to hygiene and inconvenience</li> <li>- <b>Cost effectiveness</b>, initial costs may result in long-term savings by reducing need of additional cleaning and maintenance, from higher participation, diverting residual to food waste</li> </ul>	<ul style="list-style-type: none"> <li>- Meets standard required at processing facility</li> </ul>

		<ul style="list-style-type: none"> <li>- <b>Easier collection for crews</b>, food waste doesn't stick to caddy</li> <li>- <b>Cleaner vehicles</b>, spillages and leakages can be reduced, and vehicles can be kept clean</li> </ul>	
Shared bins for flats	<p><b>Preferred option:</b> Wheeled bin with foot pedal frame (SSI Schaefer)</p> 	<ul style="list-style-type: none"> <li>- Foot pedals allow residents to tip without touching the bins</li> <li>- Can be fitted with the lockable aperture that can reduce contamination (which also can be customised for the size and shape)</li> <li>- Can come with the security frame that can rivet to the ground, at an additional cost</li> </ul>	<ul style="list-style-type: none"> <li>- Can be operated touchless using pedals, avoid mess that might emerge</li> <li>- Having aperture (customised) to avoid contamination</li> <li>- Most common size is 140 litre wheeled bin</li> </ul>
Communal bin housings	<p><b>Preferred option:</b> Storm</p> 	<ul style="list-style-type: none"> <li>- Soft closing lid</li> <li>- Foot pedal is removable if we don't want it</li> <li>- Small aperture plates available to avoid contamination</li> <li>- Can be fixed to ground, unit is 136 kg</li> <li>- Opening from front or back with slam lock system</li> <li>- Can be retrofit for 140L bins for the inside</li> <li>- Door supported with brace for the strength</li> <li>- User friendly to operate (crew and resident)</li> <li>- Grab handle for extra support (e.g. elderly)</li> <li>- Interchangeable panels for easier refurbishment</li> <li>- FOC for demonstrations and trials</li> <li>- Provides additional anti-graffiti paint, add cost £25 per unit</li> <li>- Can offer restrictor plate any shape or size which can reduce contamination risk</li> <li>- Partnered with JETT, for distribution and installation</li> <li>- The unit is using hot-dip galvanised steel so doesn't need any additional measures</li> <li>- Strong build quality and panel is interchangeable</li> </ul>	<ul style="list-style-type: none"> <li>- Being used by Hackney, Aberdeen, Waltham Forest</li> <li>- <b>Hackney:</b> Storm provided bins for trial, for flats above shops, and feedback these are working well</li> </ul> <p>Product comments and feedback from projects team testing:</p> <ul style="list-style-type: none"> <li>- Lid is smooth and rust-free; aperture size is optimal for loading food waste liners? or even without it.</li> <li>- Lid has slow closing and is accessible.</li> <li>- Foot pedal is sturdy and protected from the possible food waste scrap</li> <li>- Easy to use and mechanism seems to be last long.</li> </ul>