

Theme 2: Maximising Resource Recovery from Kerbside Bins

Background

- Household waste represents over 43 per cent of waste received at Council waste facilities.
- Key goal of Council is to improve resource recovery from household waste.
- Council can support recycling through investment in technology and processes that will deliver jobs and local economic value.
- Organics recycling of green waste is another method to support diversion of waste away from landfill.
- By 2024 we will have delivered an upgraded or new Materials Recovery Facility to process kerbside recyclables that will support local re-use solutions.
- Completed feasibility assessment and trials on kerbside green or green/food waste collection and subject to community consultation, implement a standard kerbside collection service that consists of general waste, recycling and organics (either green or green/food waste).
- By 2029, we will have increased the household diversion rate from 43 per cent to above 50 per cent.

Strategy Actions

2.1 Investigate introducing a kerbside organic collection service

- Undertake waste audit of kerbside waste bin to understand waste composition and potential for recovery of the organic/green waste stream from kerbside waste bins.
- Undertake feasibility assessment to compare introduction of a kerbside green waste or kerbside green/food waste collection service across the region.
- Investigate trialling a food waste/green waste collection service at selected localities across the region.

- Community consultation to assess community perception/desire for green waste/organics collection service.
- Subject to outcome of above, introduce a kerbside green waste or green waste/food waste collection service from 2021/22.

2.2 Improve recovery of kerbside recyclables at the Materials Recovery Facility (MRF)

- Complete feasibility assessment for Council to build and operate a Materials Recovery Centre compared to outsourcing as part of the waste collection contract.



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- Investigate upgrading a Materials Recovery Centre from 2021/22 to improve recovery of recyclables.
- Investigate technology suitable for treatment of glass/glass fines to deliver localised re-use solution for glass.
- Investigate expansion of the types of materials permitted in the kerbside recycling bin and if viable design Materials Recovery Centre to suit.

2.3 Encourage kerbside recovery

- Investigate introducing 360L recycling bins.
- Review different bin sizing and pricing to encourage uptake (i.e. 140L waste/240L recycle).

2.4 Public place bin recycling

- Ongoing assessment of areas suited to public place recycling bin placement.
- Install recycling bins and enclosures in high use public locations (taking on board feedback from community consultation and Council's Park's and Waste Team).

2.5 Feasibility of alternative waste treatment

- Assess feasibility of Alternative Waste Treatment technology that may be suited for the Fraser Coast context. This could include anaerobic digester, composter suited for food organics or mechanical sorting facility. Waste to energy for domestic waste is unlikely to be suited to the region due to cost.

For a full list of actions proposed in Theme 2: Maximising

Resource Recovery from Kerbside Bins of the Fraser Coast Waste Strategy 2019- 2029 page 21.



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