5.1 Project 1: Recovery of Organic Material Food and Green Options Appraisal

Project 1: Recovery of Organic Material Food and Green Options Appraisal Project Driver Summary: Average of 50% of rubbish bin is organic									
Project Status	Project Start	Completion Date	Waste Hierarchical Position	Avoidance	Reuse and repurposing	Recycling and composting	Recovery prior to final disposal	Other Comments	
New	2018	June 2019	TOSILIOTT	√		*		Future campaigns will include food waste reduction campaigns and aim to reduce recyclables in the rubbish bin.	

Project Driver: A recent compositional analysis audit undertaken by Mindarie Regional Council (MRC) demonstrates that around 55% of a representative City rubbish truck (green lid bin) is organic waste. In addition, 29.5% of the rubbish bin is also recyclable waste. Of that 29.5%, 13% is glass (Figure 5.1).

Waste Type	Weight (kg)	Proportion (%)	
Recyclables	1546.7	29.5	
Organics	2922.1	55.7	
Textiles	149.9	2.9	
Hazardous	14.7	0.3	
Inert (construction & demolition)	261.8	4.9	
Medical, sanitary, nappies	275.2	5.2	
Other (miscellaneous)	77.6	1.5	

The City will undertake an Options Appraisal to explore the following options to improve the management of FOGO waste:

- 1. Better Bins System, a third domestic greens only bin;
- 2. Food organics and green organics (FOGO) bin;
- 3. Food organics only bin;
- 4. Increased home FOGO management; composting / worm-farming / Bokashi bins; and
- 5. FOGO waste minimisation waste education campaigns.

Figure 5.1 Summary MRC compositional analysis of rubbish truck, City of Vincent