



WASTE

Proposed emission reduction actions - Waste

- Implement Food organics garden organics (FOGO) collection
- Hybrid Organics processing facility (Composting and Biogas)
- Measure and report on Fugitive (methane) emissions from landfill

Strategy 1 - Implement Food organics garden organics (FOGO) collection

- Food scraps and garden waste go into green bin
- Kitchen caddies and compostable bags provided for food scraps and Green bins collected weekly
- City of Newcastle information and promotion

Strategy 2 - Hybrid Organics processing facility (Composting and Biogas)

- Integrated Anaerobic Digestion and composting plant
- Food waste fed into AD which produces Biogas
- Garden waste fed into composter

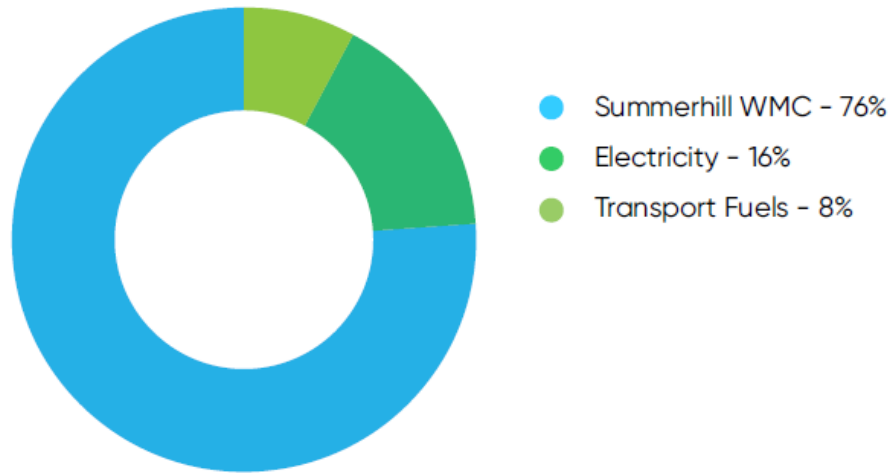
Strategy 2 - Hybrid Organics processing facility (Case Study)



Giugliano (Naples) Italy

Strategy 3 - Measure and report on Fugitive (methane) emissions from landfill

Chart 1 - City of Newcastle 2008/09
Baseline Scope 1 and 2 Emissions
(Including Summerhill WMC)



Summerhill WMC emissions estimated to be 76% (39,000 tCO₂-e) of City of Newcastle Emissions 2008/09

(City of Newcastle 2021a)

References

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