

SUSTAINABLE SOLUTIONS FOR FOOD WASTE

DISPOSAL

Food waste disposers	Home composting	Kerbside collection
Convenient 😊	Proximity 😊	Requires storage space 😞
Hygienic – cleaner food preparation area 😊	Hygienic if properly managed 🤓	Unhygienic, odours & pests 😞
Good carbon footprint 😊	Good carbon footprint 😊	More trucks for separate collection 😞
Easy separation at source 😊	Not everyone able to do it - requires space to host compost 😞	Consumer education 🤓
Helps sanitise other recyclables 😊	Not everyone wants to do it - labour intensive 😞	Risk of contamination from other waste streams 😞
Takes most food waste 😊	Does not take all food waste 😞	Less likely to capture all food 😞

ENVIRONMENTAL IMPACTS

Food Waste + anaerobic digestion (AD)	Home composting	Kerbside collection + anaerobic digestion (AD)	Kerbside collection + collective composting
Process includes all food waste 😊	Process excludes cooked food, fish, meat or dairy products. 😞	Process includes all food waste 😊	Process includes all food waste 😊
No carbon emitting transport needed 😊	No carbon emitting transport needed 😊	More refuse trucks and carbon emissions 😞	More refuse trucks and carbon emissions 😞
Improves AD feedstock and increases recuperable energy 😊	Requires education Badly done can cause greenhouse gases 😞	Requires monitoring and management of AD feedstock – contamination from other waste streams 😞	Requires monitoring and management of refuse 😞
Provides sustainable energy from biogas 😊	No energy recapture 😞	Provides sustainable energy from biogas 😊	No energy recapture 😞
Produces enriched fertilizer and soil improver 😊	Produces soil improver 😊	Produces enriched fertilizer and soil improver 😊	Produces soil improver 😊
Good carbon footprint 😊	Good carbon footprint 😊	Good carbon footprint 😊	Moderate carbon footprint 🤖