



EastWaste

Elected Member Briefing

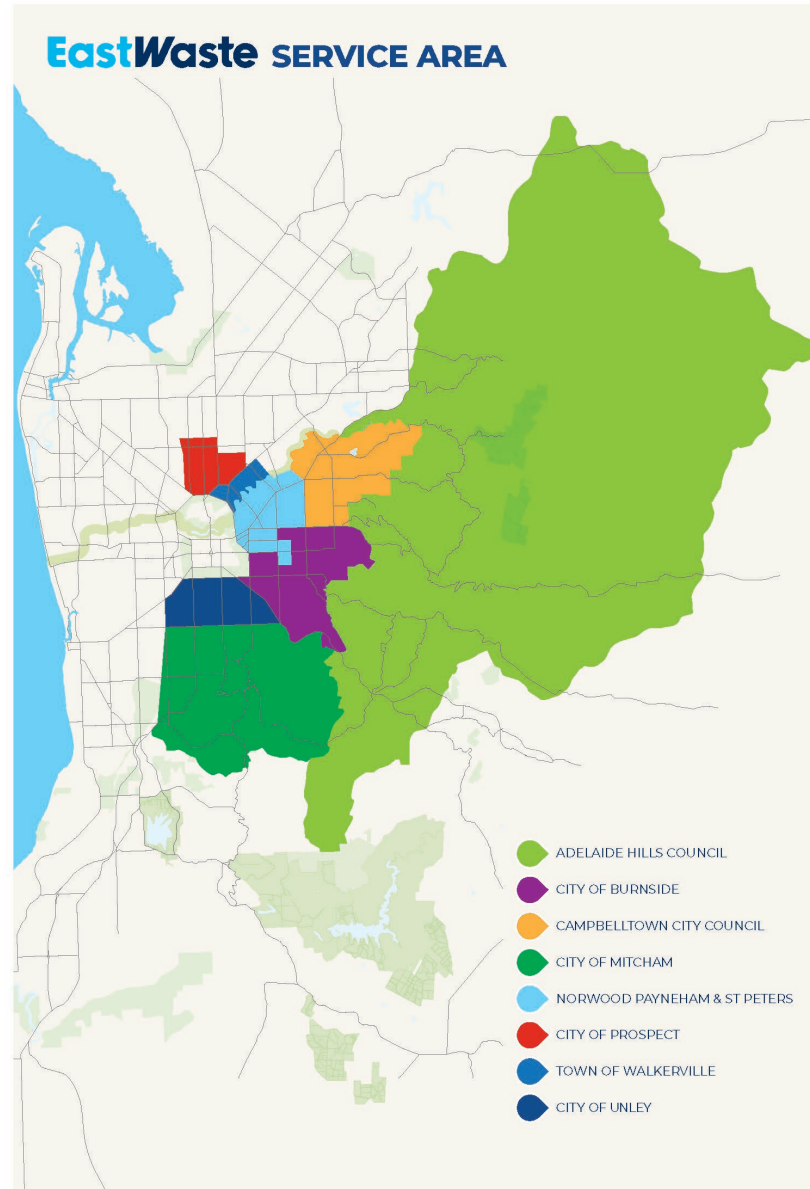
7 November 2023

Outline



1. East Waste Overview
2. City of Mitcham Resources Data & Opportunities
3. East Waste FOGO Trials
4. Upcoming Strategic Decisions
5. Fuelling the Fleet
6. Q&A

Business Overview



Depot



History



1928 East Torrens Municipal Destructor Trust

1993 Eastern Waste Management Authority –NPSP, Burnside, Walkerville

2004 Highbury Landfill transferred

2005 Mitcham, Campbelltown & Adelaide Hills join

2016 Rebranding

2017 City of Prospect join

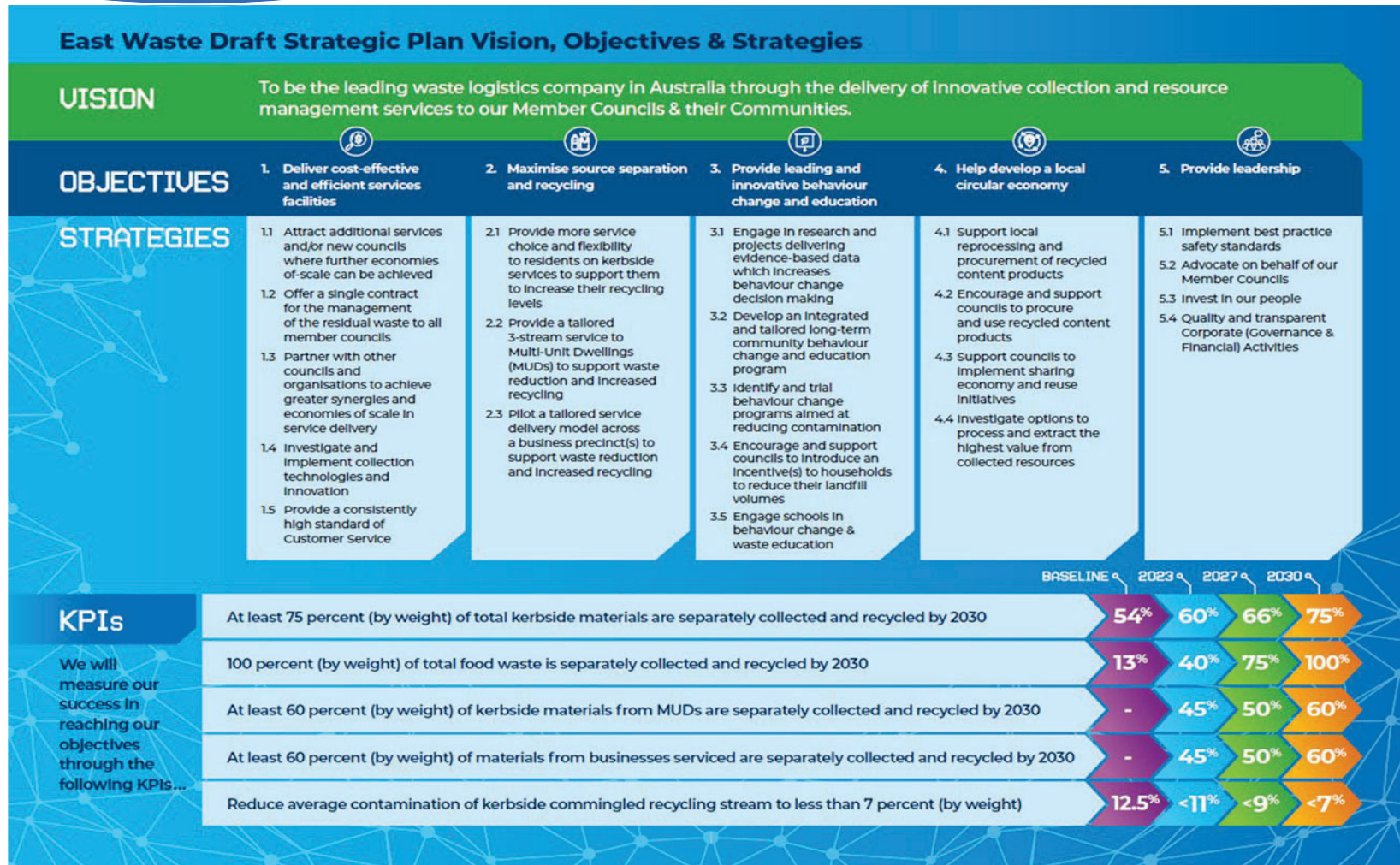
2022 City of Unley join

Business Overview



Council	Field Services							Procurement & Contract Management					Customer Service		Innovation		Education and Marketing	
	Weekly collection of Waste	Fortnightly collection of Recyclables	Fortnightly collection of Organics	Hard Waste Collection	Street & Reserve Litter Collection	MUD/Bulk Bin Collections	Bin Repairs/Maintenance/Replacements	MGB Procurement	Kitchen Caddy and BioBag Procurement	Dog Poo Bag Procurement	Recyclables Contract	Organics Contract	Customer Service	Second Bin Permits	GPS tracking	RFID tracking	Education and Promotion	Personalised Truck Advertising
Adelaide Hills Council	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x
City of Burnside	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Campbelltown City Council	x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	
City of Mitcham		x	x	x			x	x	x	x	x	x	x		x		x	
City of NPSP	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	
City of Prospect	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
Town of Walkerville	x	x	x	x	x		x	x	x	x	x		x	x	x		x	

Strategic Plan



Common Fleet Costing



Service Map Alarms Reports Messages Admin RobG East Wa... FleetmaX Pro

The screenshot displays the FleetmaX Pro software interface. The main map shows a grid of streets in Adelaide, South Australia, with several vehicle locations marked by icons. The icons are color-coded: red for stopped, green for moving, and blue for ignition off. The right-hand sidebar provides detailed information for each vehicle, including its location, employee ID, weight, and status.

Vehicle ID	Location	Employee	Status	Weight
89	Norwood Third Ave, Joslin, SA, 5070	FA0000184C3CBB01	Stopped	2943kg
90	Burnside Corinda Ave, Kensington Park, SA, 5068	0c21050368eb8469	Stopped	3224kg
91	Burnside Roslind St, Kensington Gardens, SA, 5068	410000184BC58C01	Stopped	7290kg
92	Burnside Brigalow Ave, Kensington Gardens, SA, 5068	080000184B327601	Moving 33kph	5619kg
93	Norwood Pembroke St, College Park, SA, 5069	D70000179201C201	Stopped for 1hrs 22 mins	2636kg
94	bucher municipal Port Wakefield Rd, Route 1, A1, Cavan, SA, 5094	2000051945457000	Stopped	13300kg

Map data ©2018 Google Terms of Use Report a map error

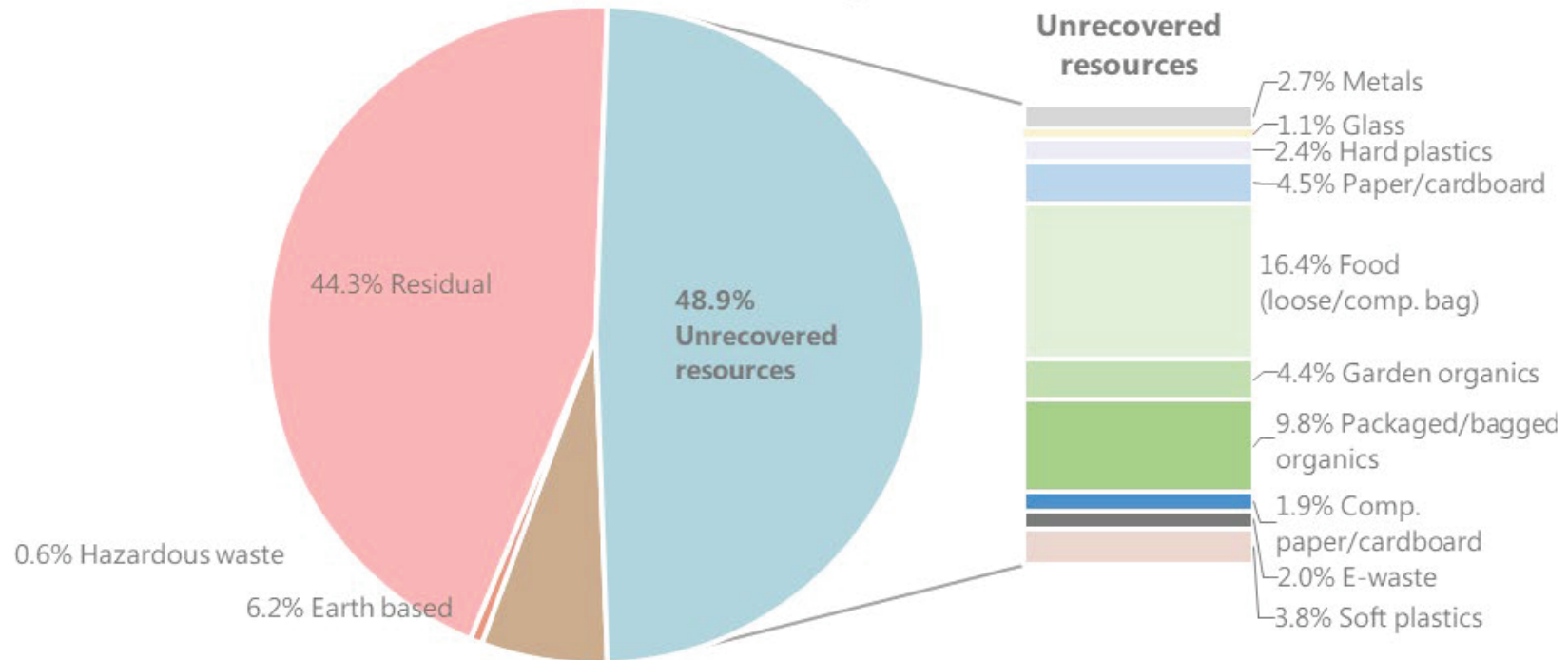
ges. at 12:35:25

17 Moving Stopped Ign Off PTO On No GPS

Opportunity



MITCHAM: General waste bin composition (% weight)



Opportunity

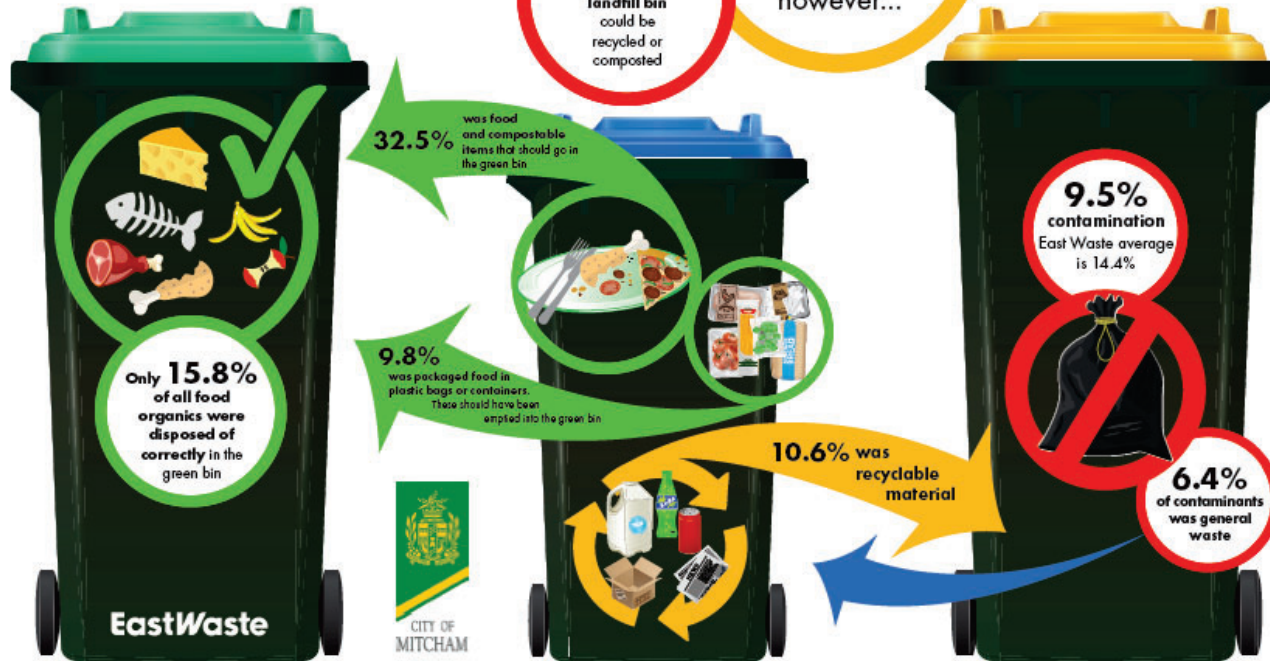


\$573K

per year could be saved if all food and compostable materials were placed in the green bin rather than the landfill bin

55.5%
of resources were diverted from landfill however...

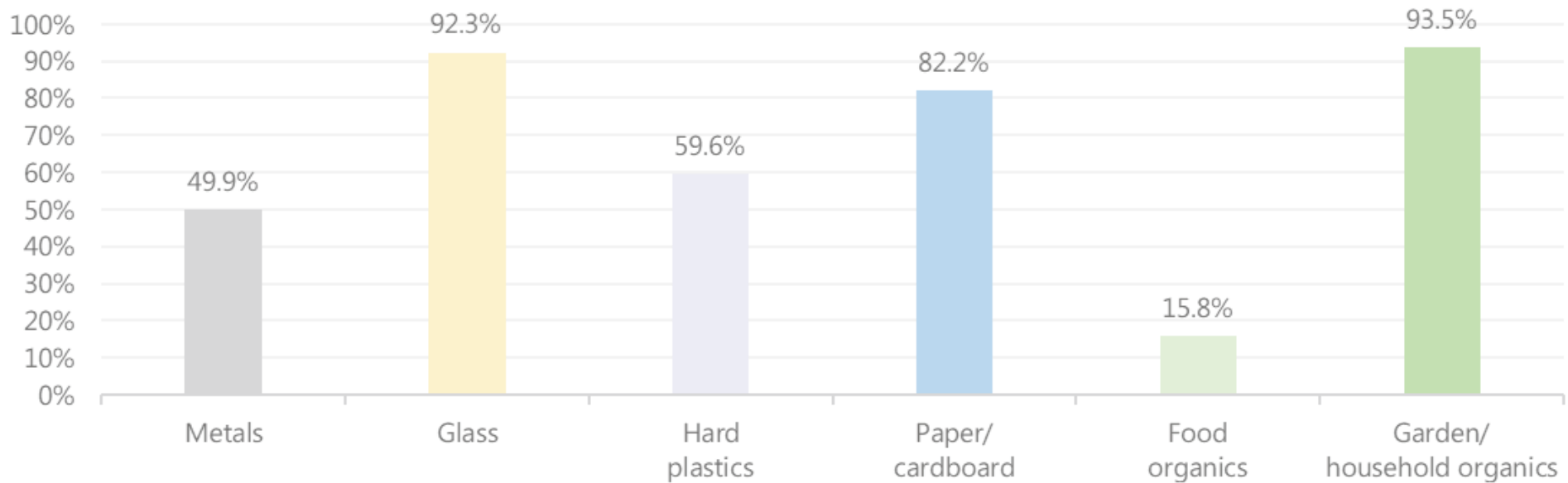
48.9%
of the material in the general waste/landfill bin could be recycled or composted



Opportunity



MITCHAM: Materials separation efficiency (% weight based on kg/hh/wk)



FOGO Trials



- Commenced Aug '23
- 1,800 households
- Review Feb/March '24



- Commenced Oct '23
- ~650 households
- 12 month Trial



- Proposed April '24
- ~1,000 households
- 12 month trial

Prospect



- Prospect Trial running 12 weeks
- Context
 - Holdfast Bay >30% Opt Outs
 - Charles Sturt (trial) >25% opt Outs
- Based on the above what would success look like for City of Mitcham?
 - % of Opt Outs?
 - Diversion Increase?

Prospect

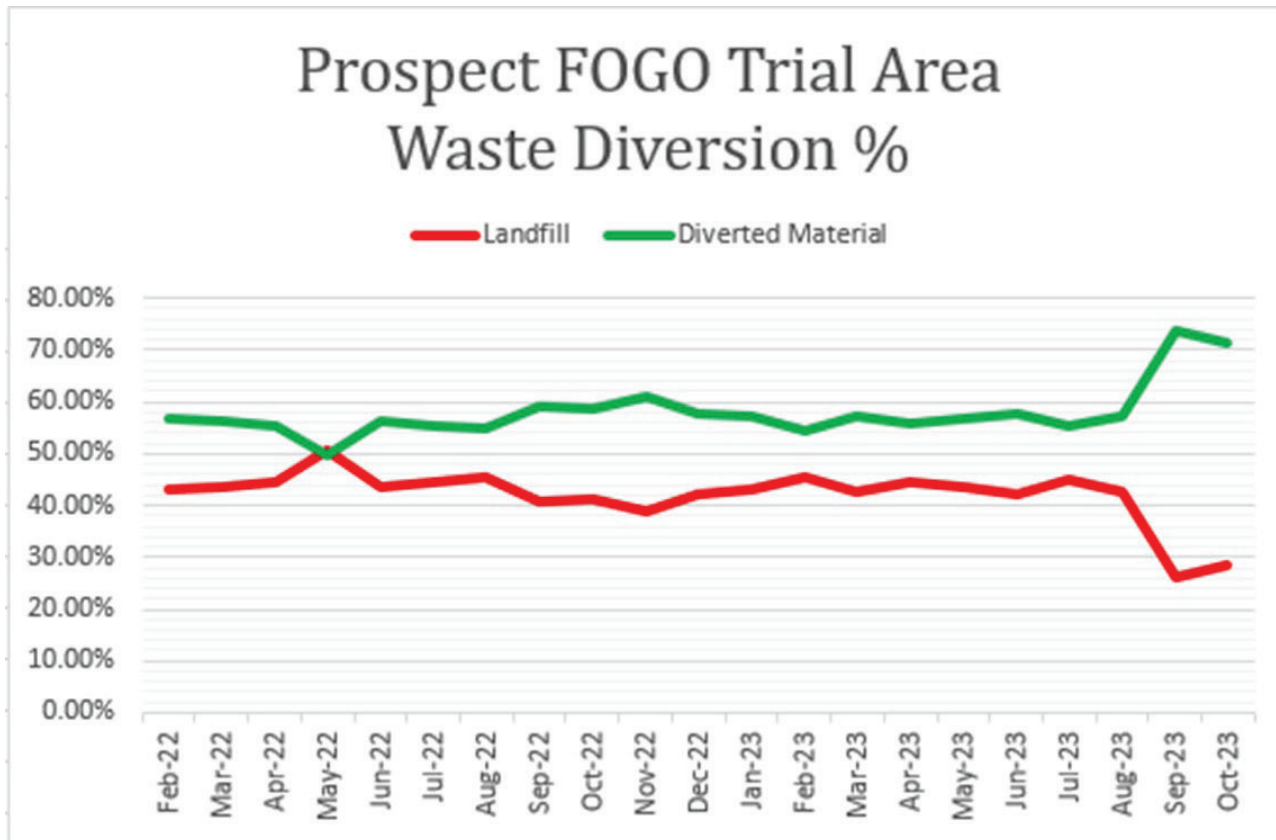


- **<2% Households have opted out of the Trial**



- **64 % of people have Opted in after talking to Customer Service**

Prospect



- **Diversion up ~ 17%**
- **Diversion over 72%**
- **Significant decline in landfill tonnes**
- **High level Community Acceptance**

Reporting



Multiple Councils



Depot



- Leased site for last 30 years
- Lease due for renewal end of 2024
- Strategic Review of location & lease versus ownership model
- Continued Leasing is a Strategic Risk

Contracts



- Recycling Processing Contract expires June 2025
- Organics Processing Contract expires June 2025
- Commence work in this space mid 2024
- Local 'Energy from Waste' options gathering momentum

Hydrogen



- East Waste invested & trialled full Electric Waste vehicle in 2020
- Technology & Partner Organisation not up to standard
- Hydrogen has entered the market & is promising
- Cost prohibitive
- East Waste keeping a close eye on the Technology & current trials.

What can
we Do?

