



**INFRASTRUCTURE COMMITTEE  
MEETING**

**MINUTES**

**7 FEBRUARY 2023**

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### MEETING ATTACHMENTS

ANNEXURE A - Documents presented for reference in Item 10.2

**REPORT OF THE INFRASTRUCTURE COMMITTEE MEETING  
HELD AT COUNCIL CHAMBERS, 232 BOLSOVER STREET, ROCKHAMPTON  
ON TUESDAY, 7 FEBRUARY 2023 COMMENCING AT 9:00AM**

## **1 OPENING**

1.1 Acknowledgement of Country

## **2 PRESENT**

Members Present:

The Mayor, Councillor A P Williams (Chairperson)  
Deputy Mayor, Councillor N K Fisher  
Councillor S Latcham  
Councillor C E Smith  
Councillor C R Rutherford  
Councillor M D Wickerson  
Councillor D M Kirkland  
Councillor G D Mathers

In Attendance:

Mr E Pardon – Chief Executive Officer  
Mr P Kofod – General Manager Regional Services (Executive Officer)  
Mr R Cheesman – Deputy Chief Executive Officer (via video-link)  
Ms A Cutler – General Manager Community Services (via video-link)  
Ms M Taylor – Chief Financial Officer (via video-link)  
Mr G Bowden – Executive Manager Advance Rockhampton (via video-link)  
Mr A Russell – Executive Manager Strategy and Planning (via video-link)  
Mr J Kann – Manager Office of the Mayor  
Mr M O’Keeffe – Manager Rockhampton Regional Waste and Recycling  
Mr A Collins – Manager Project Delivery  
Mr M Crow – Manager Infrastructure Planning  
Mr D Toon – Manager Water and Wastewater  
Mr G Meacham – Coordinator Strategy and Education  
Ms G Dwyer – Acting Coordinator Media and Communications (via video-link)  
Ms L Leeder – Senior Committee Support Officer

## **3 APOLOGIES AND LEAVE OF ABSENCE**

## **4 CONFIRMATION OF MINUTES OF PREVIOUS MEETING**

### **COMMITTEE RESOLUTION**

THAT the minutes of the Infrastructure Committee of 6 December 2022 be confirmed.

**Moved by: Councillor Smith**  
**Seconded by: Councillor Wickerson**

**MOTION CARRIED UNANIMOUSLY**

## 5 DECLARATIONS OF INTEREST IN MATTERS ON THE AGENDA

9:02AM Councillor Mathers attended the meeting

Councillor Ellen Smith informed the meeting:

“I have a prescribed conflict of interest in **Item 10.1 – Project Delivery Capital Project Report January 2023 - Mount Morgan Water Supply Pipeline Project**. This prescribed conflict of interest arises as my nephew Adam John McEvoy is a partner in MTC Industries which has a contract with Fitzroy River Water to cart potable drinking water to Mount Morgan. My brother John James McEvoy is employed by MTC Industries to drive the water tanker.

In relation to the proposed water pipeline to Mount Morgan, the alignment goes along Kabra Road where my brother owns a property at 248 Kabra Road. The proposed alignment also goes along Moonmera Road where my sister and brother-in-law Trish and Don McKinnon own a property on the corner of Moonmera and Poison Creek Roads.

I will deal with the conflict by leaving the room and staying away from the place where the meeting is being held when this matter is being discussed and voted on.”

**6 BUSINESS OUTSTANDING**

Nil

**7 PUBLIC FORUMS/DEPUTATIONS**

Nil

**8 PRESENTATION OF PETITIONS**

Nil

**9 COUNCILLOR/DELEGATE REPORTS**

Nil

## 10 OFFICERS' REPORTS

### 10.1 PROJECT DELIVERY CAPITAL PROJECT REPORT - JANUARY 2023

**File No:** 7028  
**Authorising Officer:** Peter Kofod - General Manager Regional Services  
**Author:** Andrew Collins - Manager Project Delivery

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#### SUMMARY

*Monthly status report on all projects currently managed by the Project Delivery unit.*

#### COMMITTEE RESOLUTION

THAT the Project Delivery Monthly Report for January 2023 be received, noting that there was no discussion held on the Mount Morgan Water Supply Pipeline Project.

**Moved by:** Mayor Williams  
**Seconded by:** Councillor Fisher

#### MOTION CARRIED UNANIMOUSLY

Councillors Williams, Fisher, Mathers, Wickerson, Rutherford, Smith, Kirkland, Latcham voted in the affirmative.

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**10.2 FOOD ORGANICS GARDEN ORGANICS (FOGO) TRIAL - PROJECT EVALUATION**

**File No:** 121  
**Authorising Officer:** Peter Kofod - General Manager Regional Services  
**Author:** George Meacham - Coordinator Strategy and Education  
Michael O'Keeffe - Manager Rockhampton Regional Waste and Recycling

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**SUMMARY**

*The final evaluation report (FOGO Trial - Project Evaluation Report) is presented for Council's review and endorsement.*

**COMMITTEE RESOLUTION**

THAT Council acknowledge and approve the report as final.

**Moved by:** Councillor Latcham

**Seconded by:** Councillor Fisher

**MOTION CARRIED UNANIMOUSLY**

***Meeting Adjourned*****COMMITTEE RESOLUTION**

10:11AM

THAT the meeting be adjourned until 10:20am.

**Moved by: Mayor Williams****Seconded by: Councillor Fisher****MOTION CARRIED*****Meeting Resumed*****COMMITTEE RESOLUTION**

10:23AM

THAT the meeting be resumed.

**Moved by: Mayor Williams****Seconded by: Councillor Fisher****MOTION CARRIED UNANIMOUSLY**

## Members Present:

The Mayor, Councillor A P Williams (Chairperson)  
Deputy Mayor, Councillor N K Fisher  
Councillor S Latcham  
Councillor C E Smith  
Councillor C R Rutherford  
Councillor M D Wickerson  
Councillor D M Kirkland  
Councillor G D Mathers

## In Attendance:

Mr E Pardon – Chief Executive Officer  
Mr P Kofod – General Manager Regional Services (Executive Officer)  
Mr R Cheesman – Deputy Chief Executive Officer (via video-link)  
Ms A Cutler – General Manager Community Services (via video-link)  
Ms M Taylor – Chief Financial Officer (via video-link)  
Mr G Bowden – Executive Manager Advance Rockhampton (via video-link)  
Mr A Russell – Executive Manager Strategy and Planning (via video-link)  
Mr J Kann – Manager Office of the Mayor  
Mr A Collins – Manager Project Delivery  
Mr M Crow – Manager Infrastructure Planning  
Mr J Gwydir – Manager Civil Operations  
Mr D Toon – Manager Water and Wastewater  
Ms G Dwyer – Acting Coordinator Media and Communications (via video-link)  
Ms L Leeder – Senior Committee Support Officer



**10.3 GLENROY ROAD PROJECTS STATUS REPORT**

**File No:** 12534  
**Authorising Officer:** Peter Kofod - General Manager Regional Services  
**Author:** Martin Crow - Manager Infrastructure Planning

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**SUMMARY**

*Council Officers reporting on the status of a proposed program of works on Glenroy Road that is receiving Federal Government funding support.*

**COMMITTEE RESOLUTION**

THAT the Glenroy Road Projects Status report be “received”; and

1. Council endorse the continued inclusion of Glenroy Road in the Queensland Beef Corridors priorities on the basis of 80% Federal Government and 20% Council funding split; and
2. Council include funding within the 2023/24 Long Term Financial Forecast for the Queensland Beef Corridors Program.

**Moved by:** Councillor Smith  
**Seconded by:** Councillor Rutherford

**MOTION CARRIED UNANIMOUSLY**

**10.4 REMOTE ROADS UPGRADE PILOT PROGRAM**

**File No:** 12534  
**Authorising Officer:** Peter Kofod - General Manager Regional Services  
**Author:** Martin Crow - Manager Infrastructure Planning

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**SUMMARY**

*Council Officers reporting on the securing of funding under the Federal Government's Remote Roads Upgrade Pilot Program for Stanwell–Waroula Road.*

**COMMITTEE RESOLUTION**

THAT Council endorse the submission and delivery of the Stanwell-Waroula Road project under the Federally funded Remote Roads Upgrade Pilot program.

**Moved by:** Councillor Smith  
**Seconded by:** Councillor Rutherford

**MOTION CARRIED UNANIMOUSLY**

**11 NOTICES OF MOTION**

Nil

**12 QUESTIONS ON NOTICE**

Nil

**13 URGENT BUSINESS\QUESTIONS**

**14 CLOSURE OF MEETING**

There being no further business the meeting closed at 10:51am.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
CHAIRPERSON

\_\_\_\_\_  
DATE



**MEETING  
ATTACHMENTS**

**7 FEBRUARY 2023**

**ANNEXURE A**

Documents presented to Councillors for their reference during the Infrastructure Committee meeting when dealing with:

**Item 10.2 – Food Organics Garden Organics (FOGO) Trial – Project Evaluation**

# RRC FOGO Trial Evaluation Report



# Project Evaluation

**Trial Scope:** 12 months, 763 households

**Purpose:** to evaluate the viability of two preferred configurations of an organics service

**Evaluation:** an integrated approach using a mix of primary data sources:

- Daily tonnage & presentation data
- Compositional audits
- Participant surveying
- Bin inspection program

**Limitations:**

- Not evaluating cost of service delivery
- Not evaluating composting process

# Headline KPIs

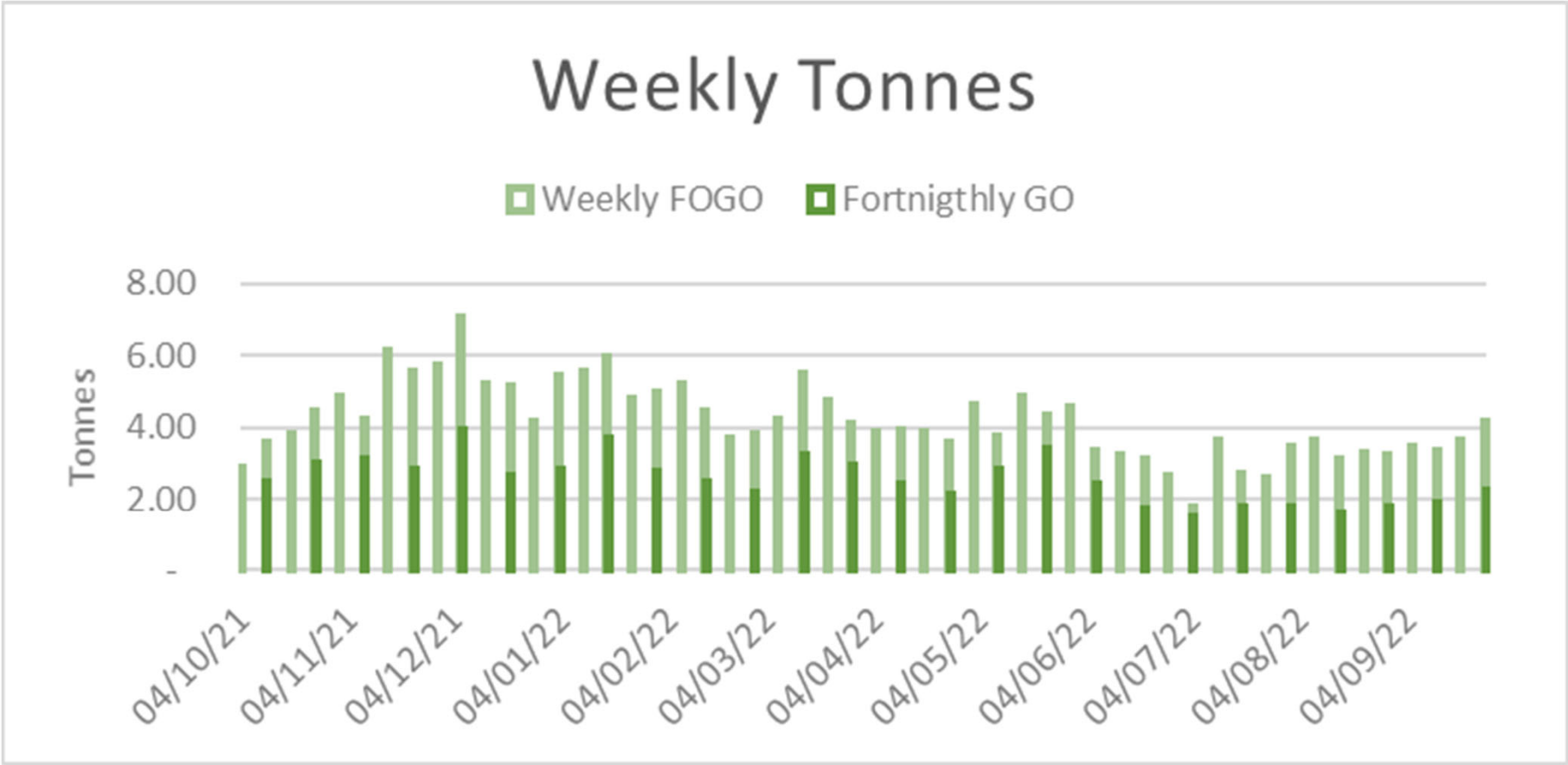
	Target	GO	FOGO
Tonnes Diverted	-	<b>65</b>	<b>208</b>
Food Organics Recovery Rate	50%	-	<b>53%</b>
Garden Organics Recovery Rate	95%	<b>96%</b>	<b>99%</b>
Contamination Rate	<3%	<b>1-4%</b>	<b>3-14%</b>
Presentation Rate	-	<b>61%</b>	<b>61%</b>





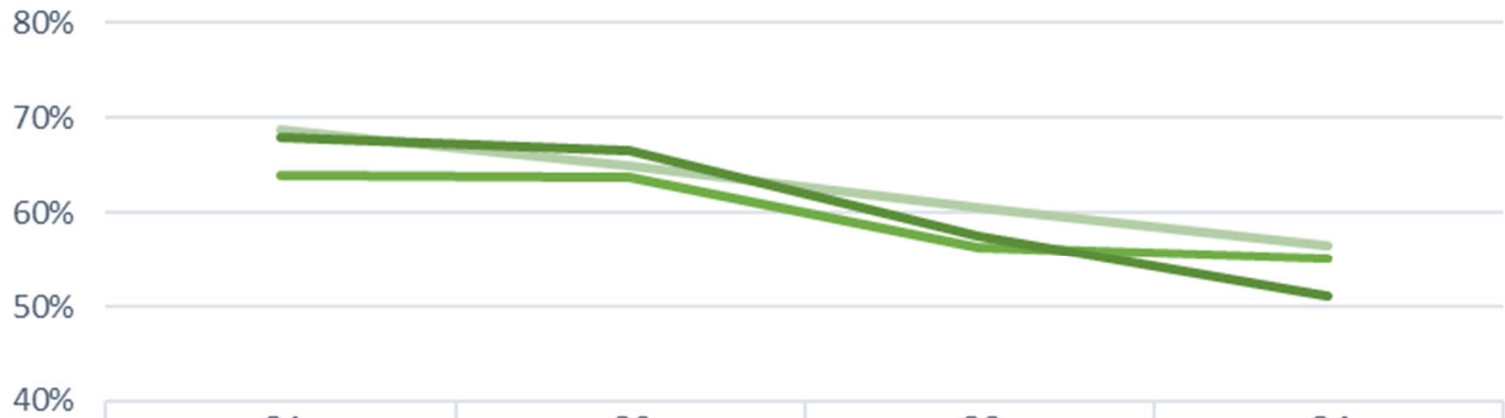
# **Service Effectiveness**

# Seasonal Cycle



# Presentation Rates

## Organic Bin Presentation Rates



	Q1	Q2	Q3	Q4
Gracemere	69%	65%	61%	57%
Southside	64%	64%	56%	55%
Northside	68%	67%	57%	51%

# Increase in Tonnes

	Trial Q1	Trial Q2	Trial Q3	Trial Q4	Full Year
Gracemere % increase	37%	39%	27%	9%	28%
Southside % increase	5%	11%	1%	-13%	1%
Northside % increase	40%	37%	29%	14%	30%

*“Service provider used to take it away”*

*“No longer using my own compost, it never broke down completely anyway”*

*“[we now] keep better control of the garden with more regular pruning and don’t have to stockpile”*

*“Most of our garden waste still goes in a paid garden bag, we are using some to absorb odours in the FOGO”*

# Recovery Rates

	Target	GO	FOGO
Food Organics Recovery Rate	50%	-	<b>53%</b>
Garden Organics Recovery Rate	95%	<b>93%</b>	<b>99%</b>

Lower garden organics recovered in the GO only service, likely to be result of:

- No capacity constraint on general waste bin
- No reduced service frequency on general waste bin, so a given % simply did not participate

# Diversions Rates

Diversions Rates	FOGO Service	GO Service
Diversions Rate (mid & end of trial data)	55%	20%
Diversions Rate (full year weighbridge data)	49%	20%

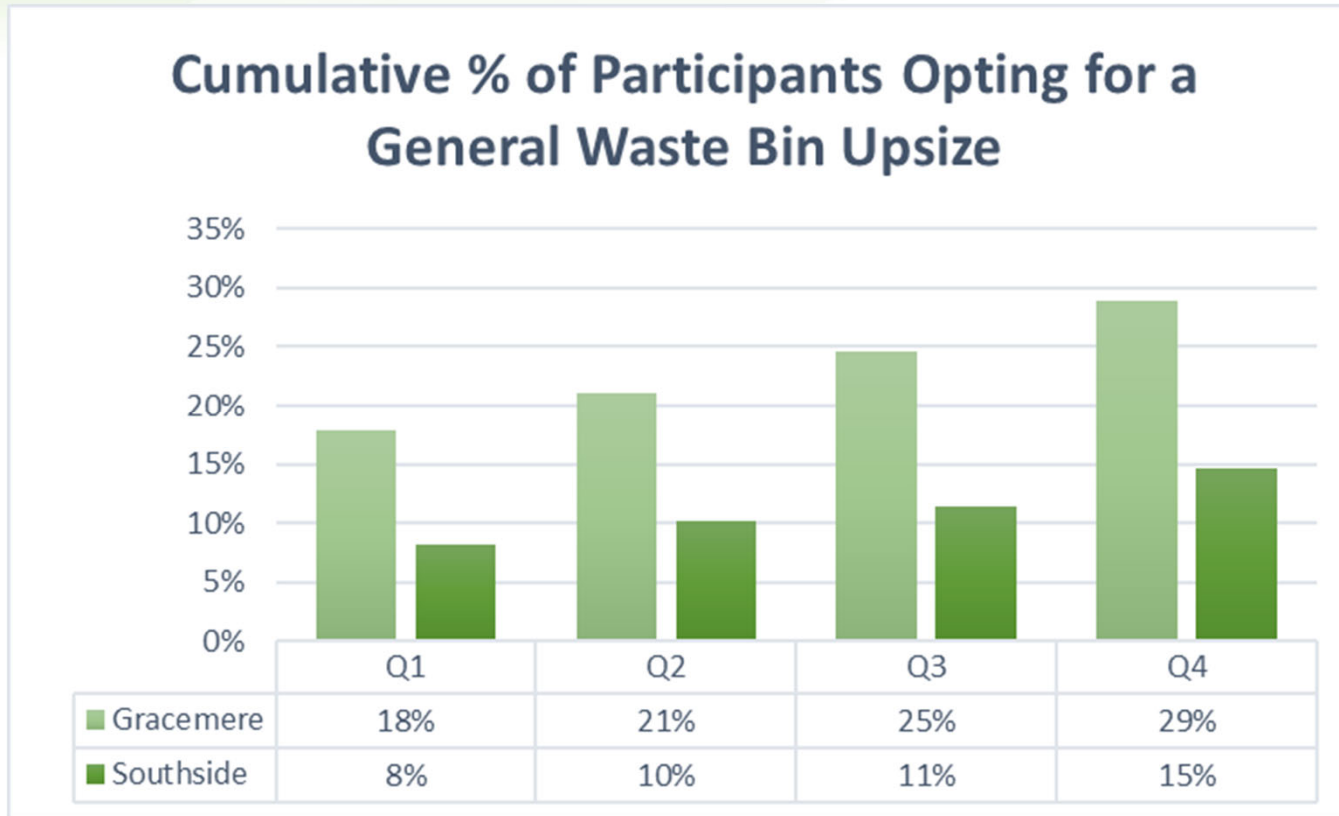
Applying these rates to the annual tonnes currently captured in the general waste bin we would achieve the following diversion from landfill:

- FOGO service would divert 10,096 tonnes per annum
- GO only service would divert 4,049 tonnes per annum



# **Service Efficiency**

# General Waste Bin Capacity

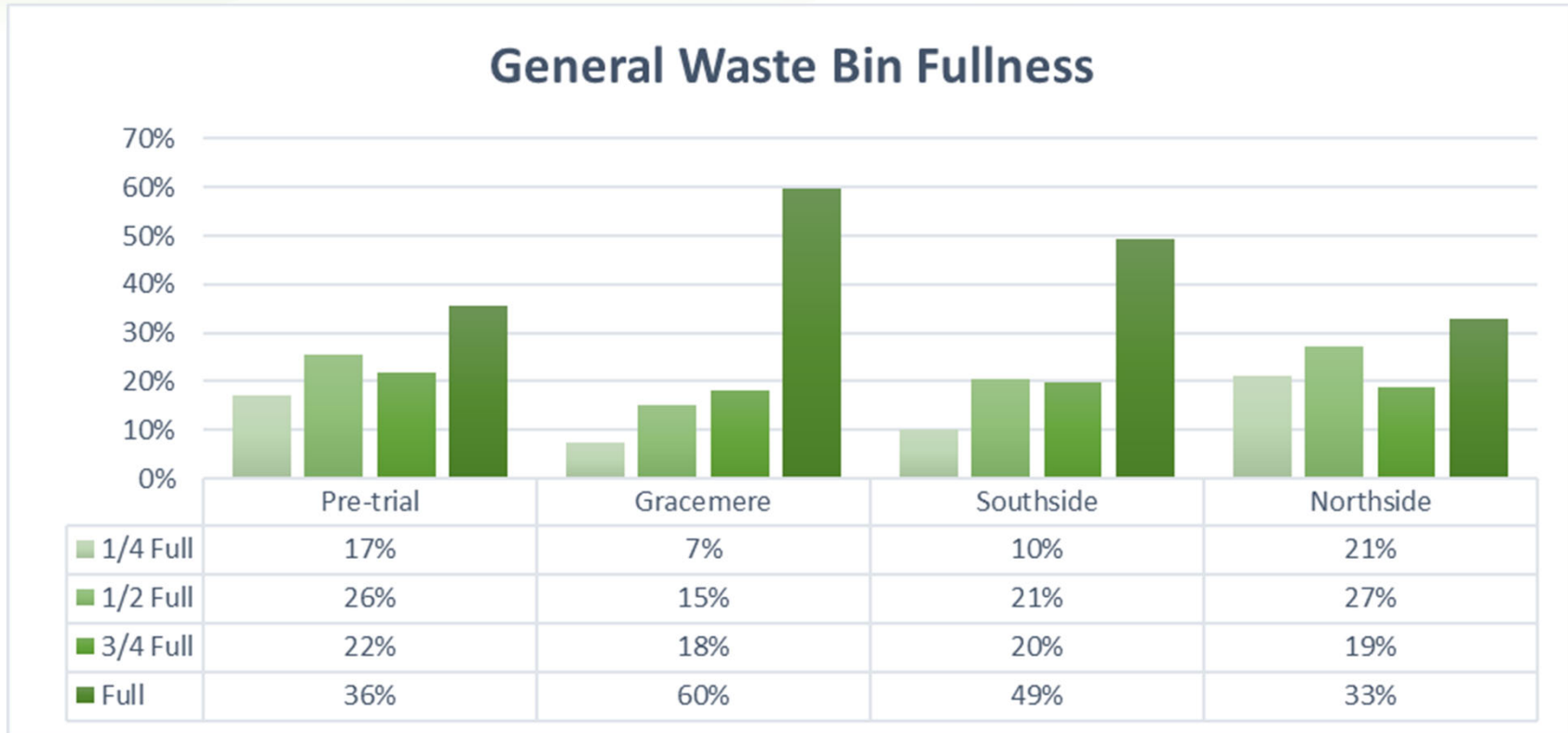


*“I would have found this easier with a smaller bin emptied once a week or keep the larger bin once a fortnight. We found it a big ask to have a smaller bin emptied fortnightly, double whammy.”*

*“If general waste to remain fortnightly it should be the larger bin in case influx of people in the house (birthdays etc.)”*



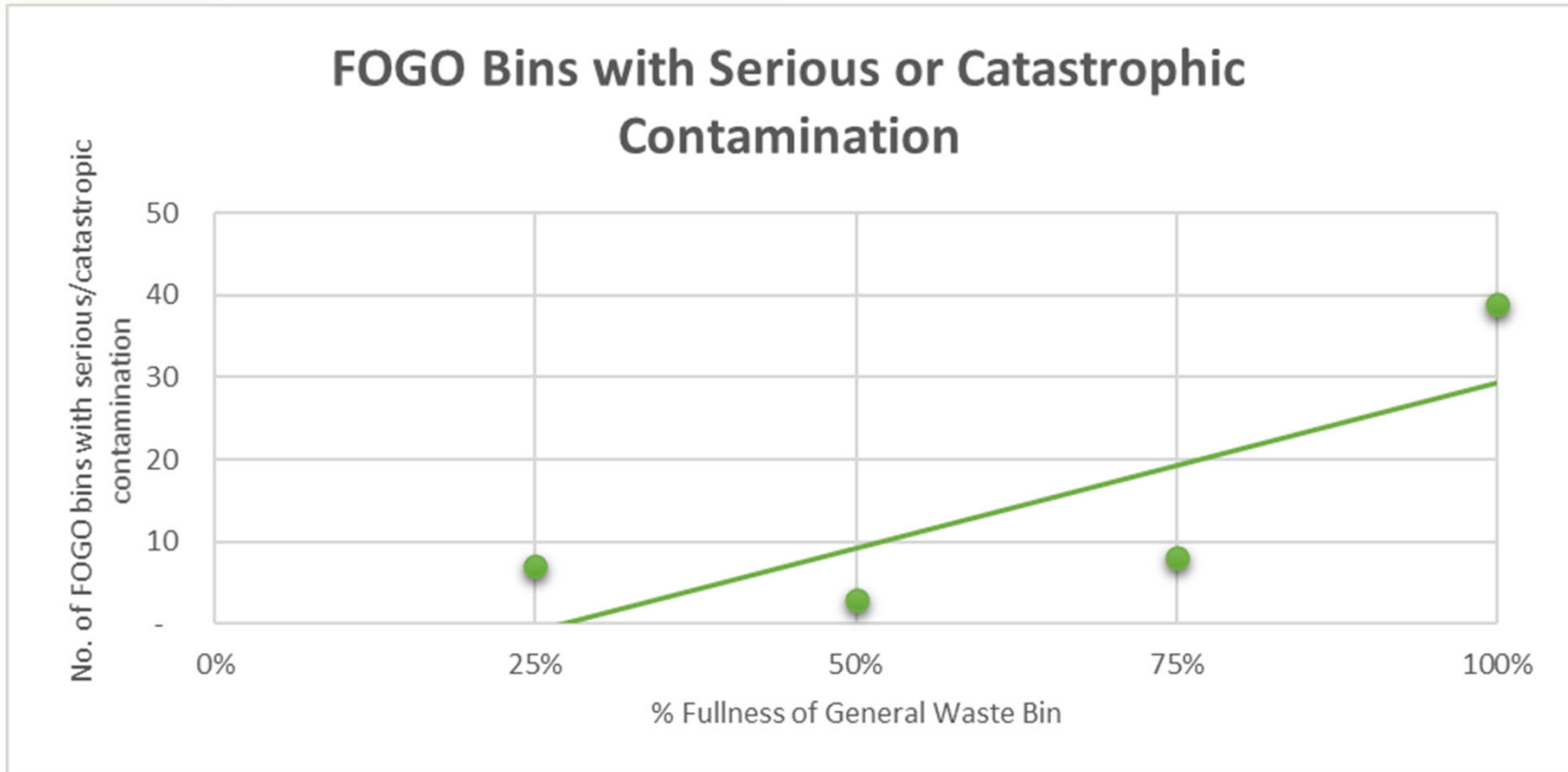
# General Waste Bin Fullness



*“Everyone needs to receive a large bin or if only giving a small bin, they need to be emptied once a week (red bin)”*

*“General rubbish bin is inadequate, either the bin needs to go back to normal size or have weekly collections. With smaller bin, rubbish service has been quartered not halved as initially stated.”*

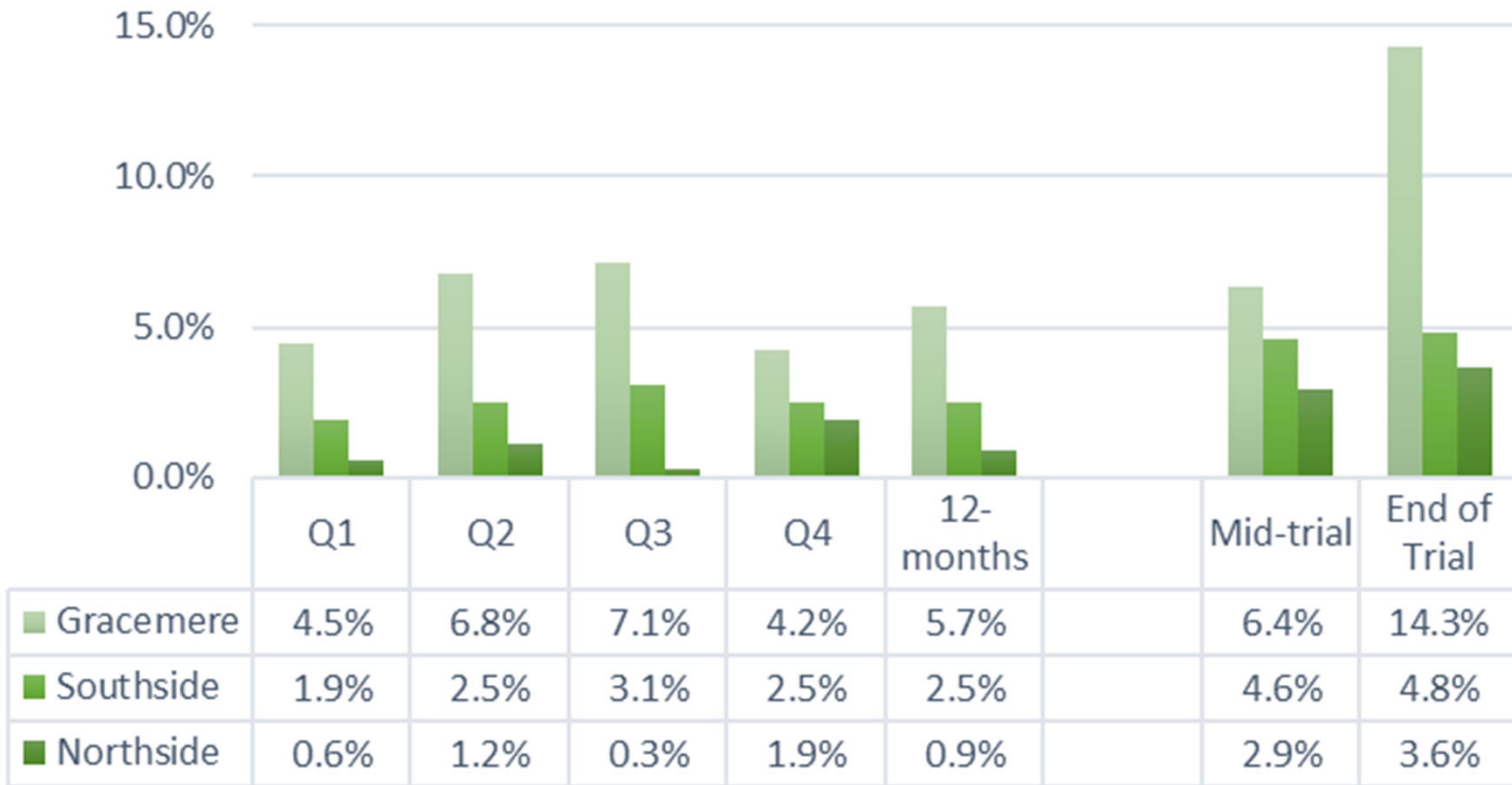
# Impact on Contamination



*“It’s actually super inconvenient. The general waste red bin is half the size of a normal wheelie bin, and only gets collected once a fortnight. It actually cost me more in trips to the dump than green waste fees I was paying previously”*

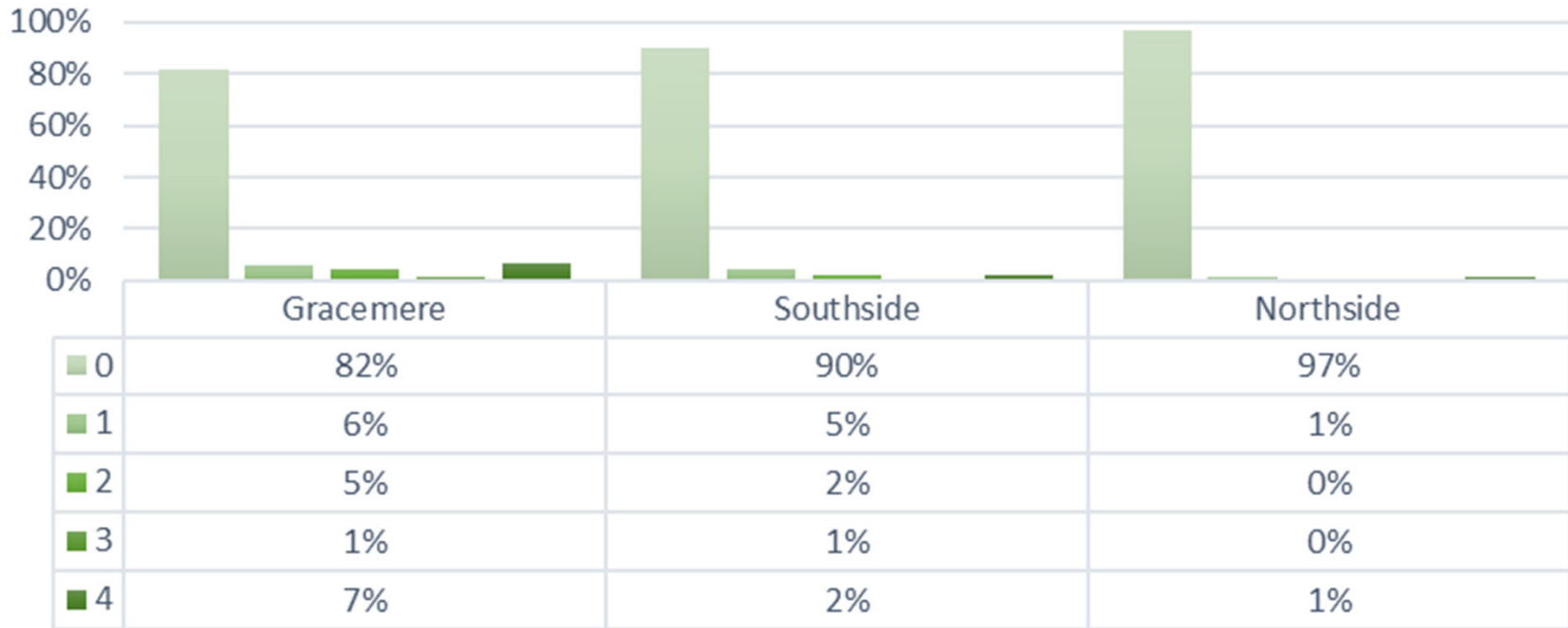
# Contamination Rates

Contamination Rates (showing both audit and ongoing tonnage calculated rates)



# Contaminated Bins

## Organic Bin Contamination

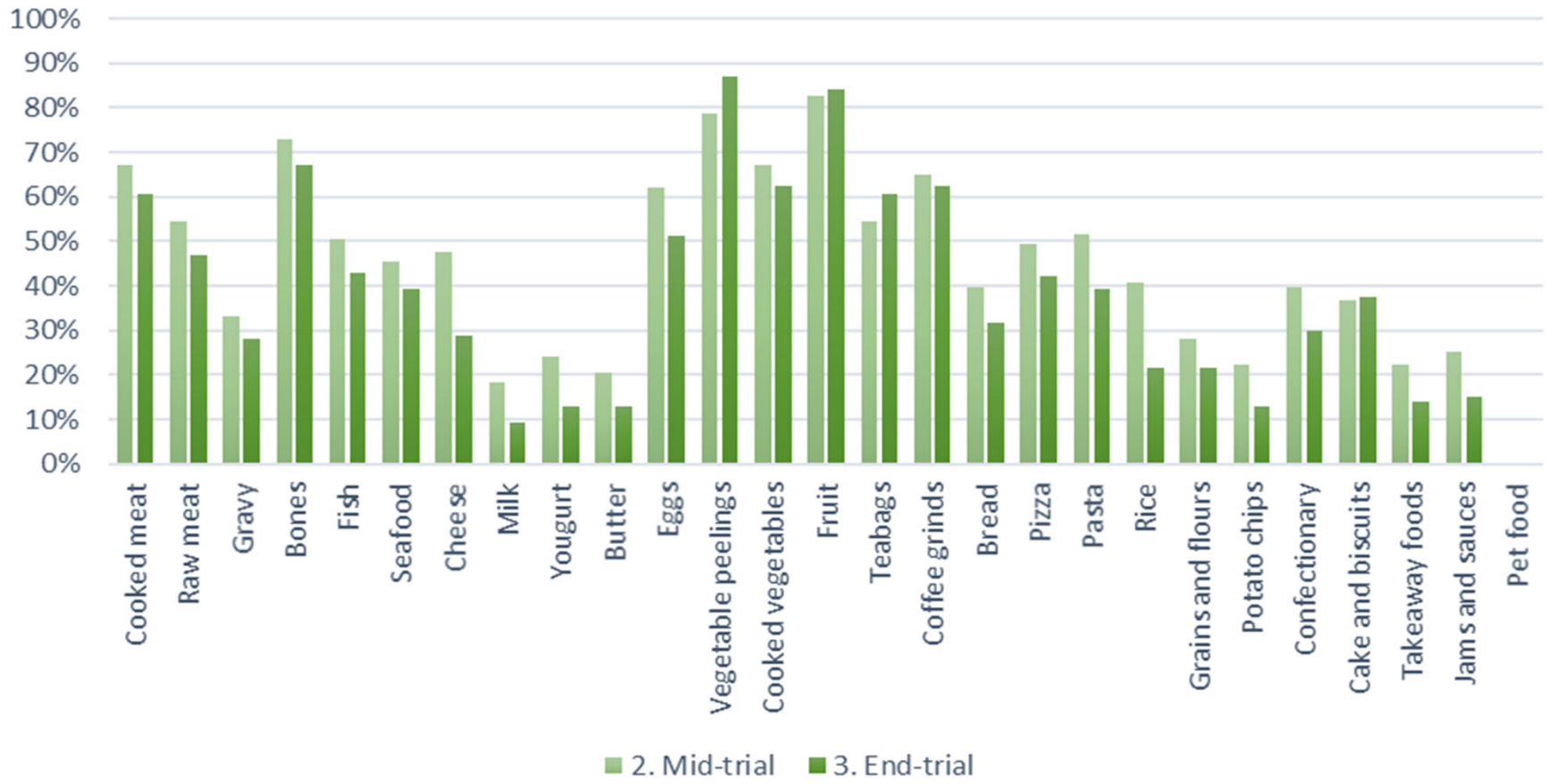


# Behaviour Change



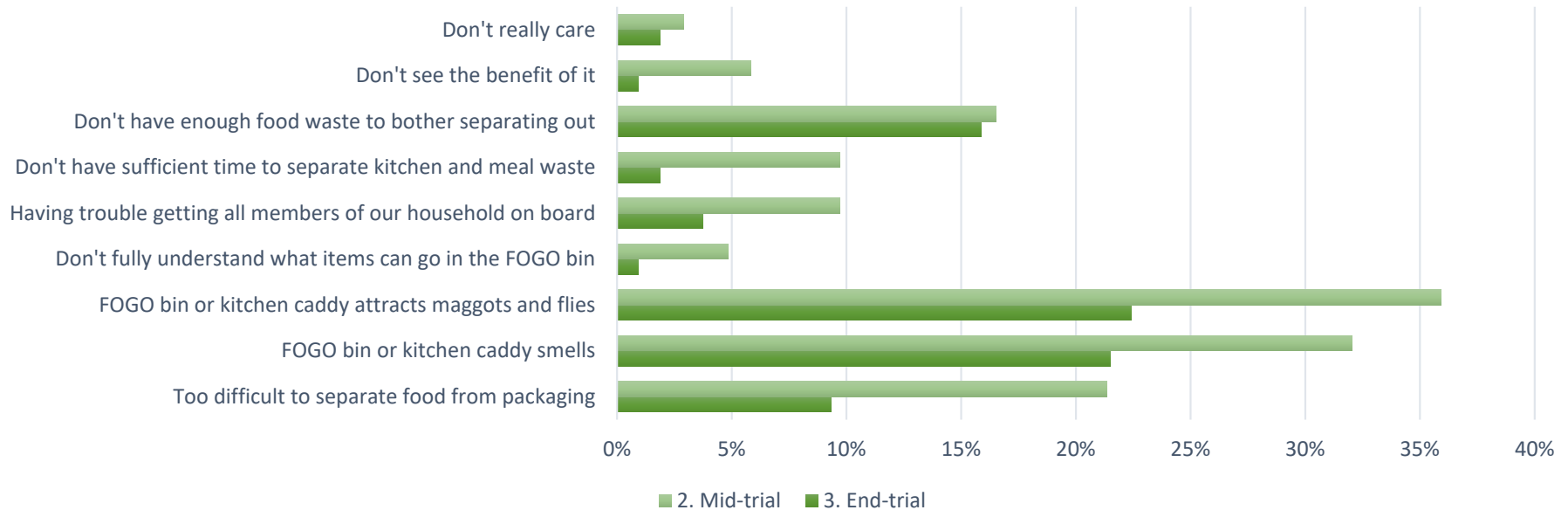
# Food Types Recovered

What food items do you currently put in your FOGO bin?



# Household Behaviours

What are the main reasons you are still putting food waste into your general waste bin?



*“Huge inconvenience”*

*“Bin is always full and has maggots”*

*“I could not bring myself to put bones in the green bin”*

*“Juicy scraps tend to eat through compostable bags, bin is sometimes smelly, fly ridden. We try hard to comply”*

# Caddy Liners

Food Recovery	UoM	Gracemere	Southside
Recovered Food Organics	kgs	279	190
Total Food Organics (both bins)	kgs	499	389
<b>FO Recovery Rate</b>	<b>kgs</b>	<b>56%</b>	<b>49%</b>

*“Bags that don’t disintegrate before you get to the bin cost a fortune”*

*“Freezing seafood scraps & they stick to the plastic so not easily separated on bin day. FOGO compliant liners are too flimsy for seafood scraps to freeze”*

*“The bin liners could also be a bit thicker. I know they are biodegradable but a bit more strength would be perfect”*

*“The little food scrap bin was useless, fills too soon and our climate with flies etc. makes it a smelly maggot fest”*



# Caddy Liners





# Service Delivery

# Comms & Education

## July Newsletter

Check out our new updates on the FOGO Trials!

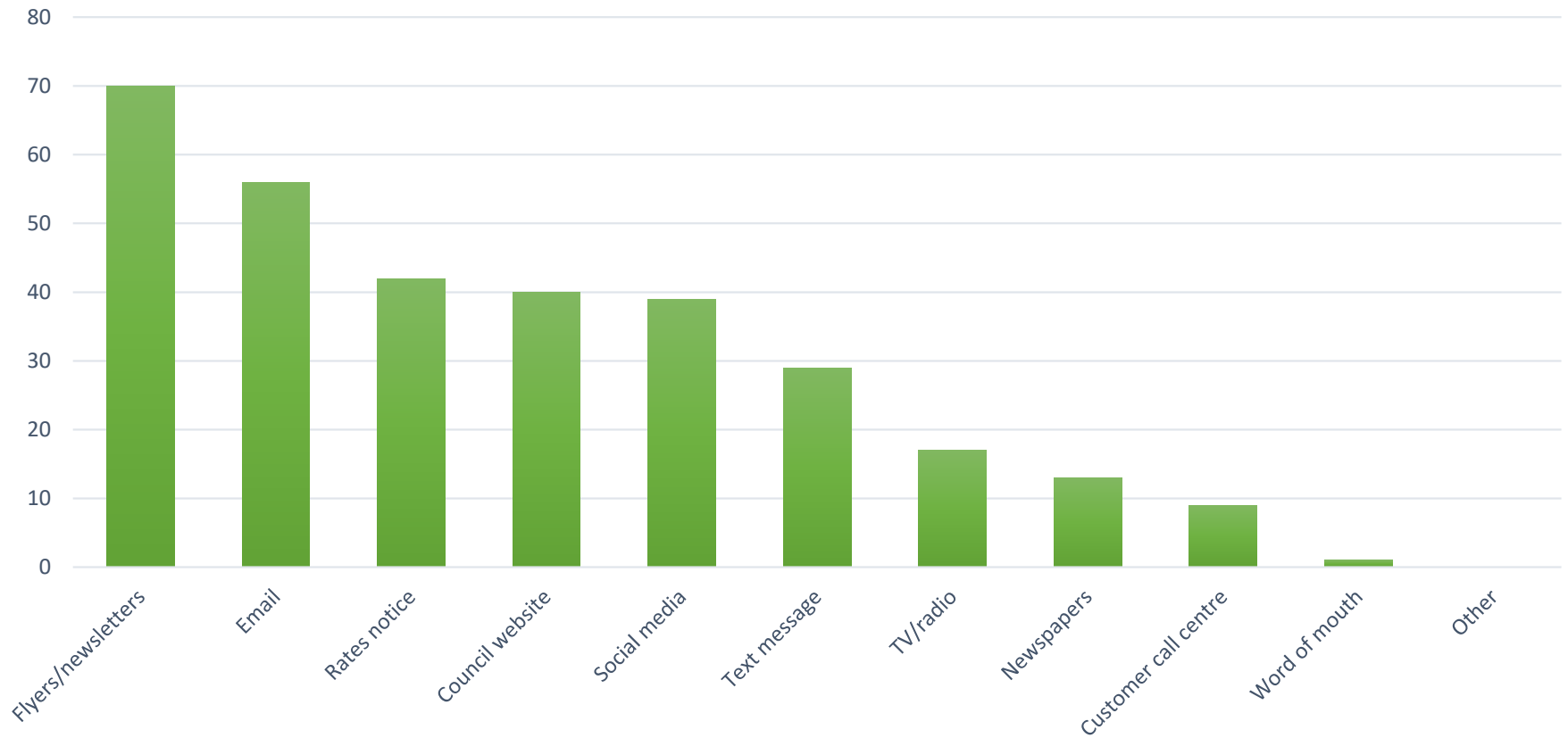
[READ NEWSLETTER](#)



*“Bin stickers/hangers were fun, like being at school, but also, we knew we'd got it right.”*

# Comms & Education

What is your preferred method for finding out information on council services such as your bin services?

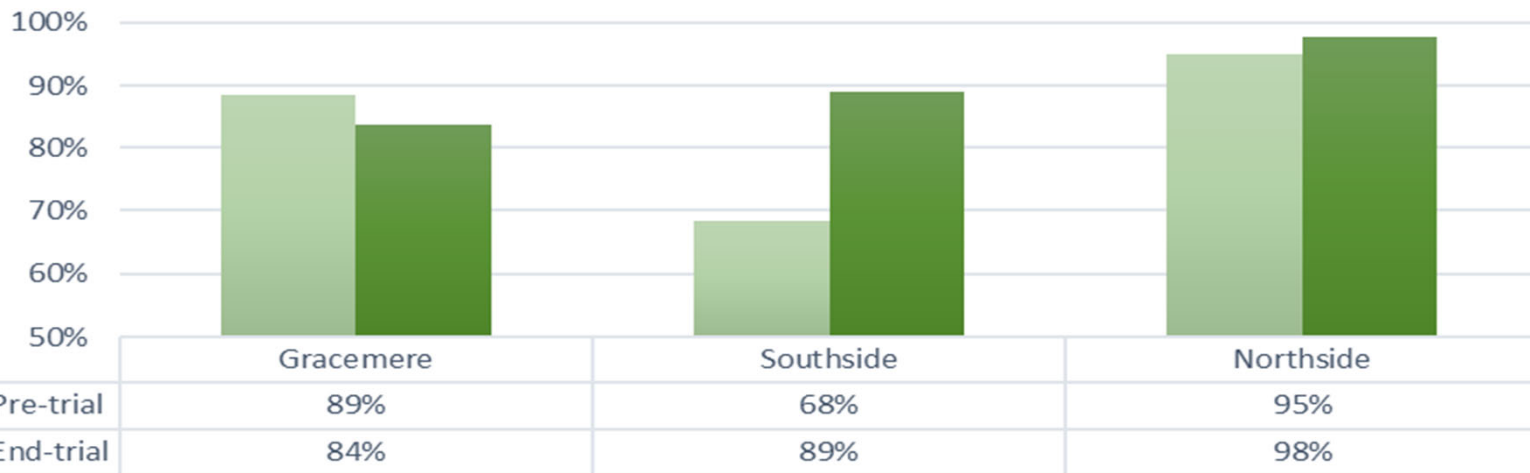




# **Impact & Sustainability**

# Participant Support

Respondents who were "very likely" or "likely" to continue to use food and garden waste collection bin if Council provides it?



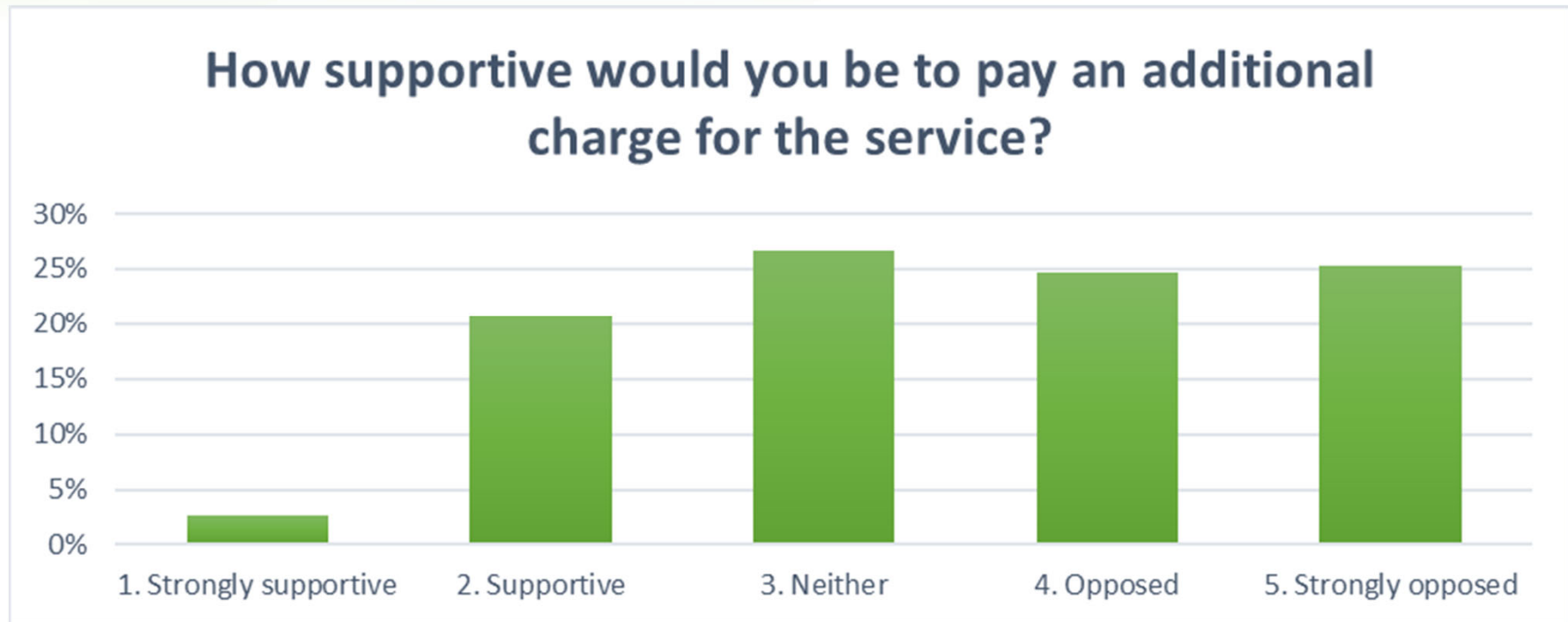
*“Loved being part of this initiative! So great to see the council being progressive and proactive with its waste management program”*

*“Love FOGO thank you!”*

*“It's a great idea. Keep up the good work. Thankyou.”*

*“Please continue and expand to whole community.”*

# Willingness to Pay



*“If I had to pay for this service, I think I would opt out, as the extra work required for the FOGO bin would not be worth it.”*

*“Would like to keep my green bin but not if I have to pay”*

*“Support paying for FOGO bin as long as it is not too costly as we are pensioners”*

A decorative header at the top of the page featuring a pattern of overlapping, semi-transparent green triangles and polygons in various shades of green, creating a modern, abstract geometric design.

# Recommendations



# Key Recommendations

1. Users should be offered a portfolio of alternative service options
2. An immediate investment is required in a behaviour change plan to build and engage the community
3. Regulatory mechanisms are required that provide for the imposition of penalties and sanctions on non-compliant users
4. A simple to understand list of eligible materials needs to be adopted

# Key Recommendations

5. FOGO households should be issued with a free allocation of caddy liners at commencement of service
6. An immediate investment is required in building a community wide electronic contact database
7. Multi-dwelling units (MUDs) should be excluded from the initial service roll-out
8. A set of standard performance and data capture methods should be established

# Final Thought

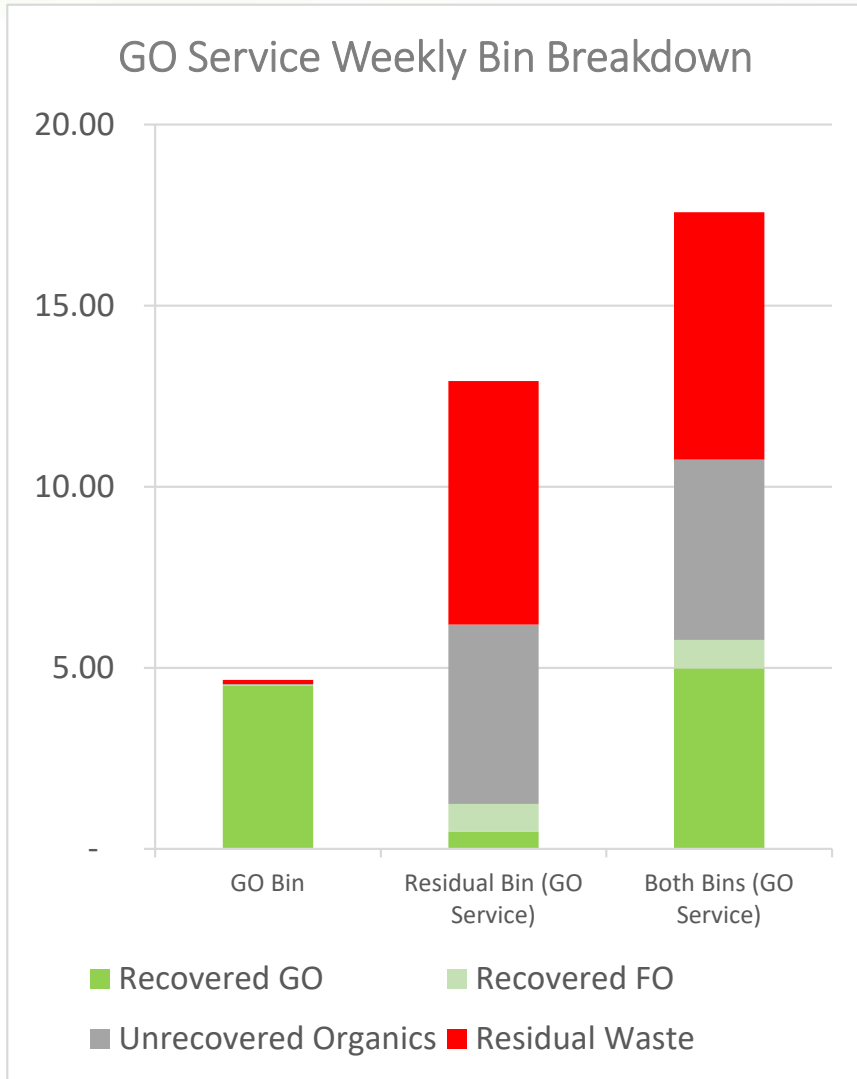
One of the key drivers for behaviour change is social norming, the “shared standards, attitudes and behaviours of the group”.

This trial has clearly demonstrated that the majority of participants were ready to adopt the new service.

Whilst there are some issues to overcome, it is essential that we don't overstate these problems, but rather ensure we seek to remove them as barriers to change.

**A successful organic kerbside service will need a critical mass of community support, where organic recovery is established as the social norm.**

# GO vs FOGO Service

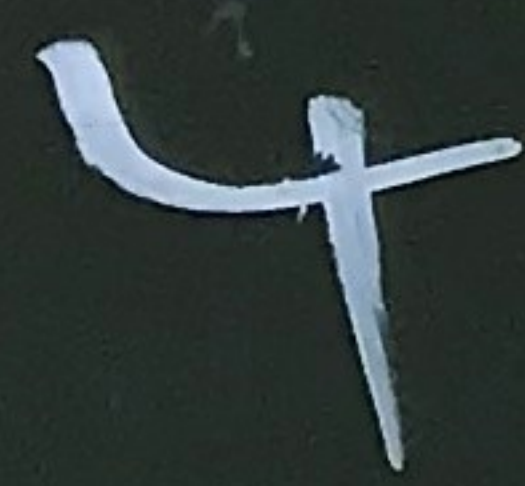




SCC



Shellharbour  
CITY COUNCIL



SHELLHARBOUR  
CITY COUNCIL



SCC



Shellharbour  
CITY COUNCIL

4



SHELLHARBOUR  
CITY COUNCIL