

# Waste Management in Edinburgh

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# Current Situation



# Public Opinion

## ► The Meadows Share

...Please spread the not very exciting word that if bins are full, to please find another one. We have to wake up to this. Thanks.



6

## ► The Meadows Share

...I also asked for better labelling on the bins to make it clear what each are used for. We have a large student, international student and tourist population in the area and if you aren't from here it i...

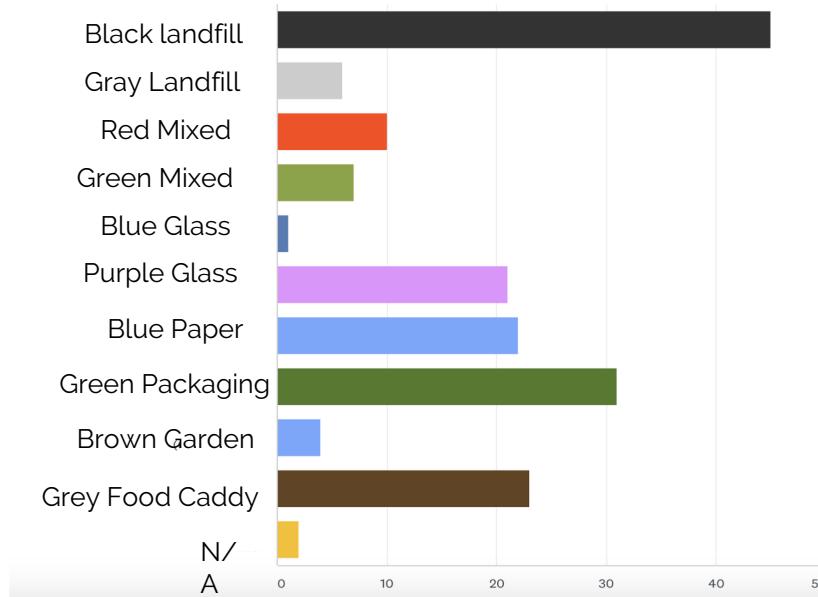


45

13 Comments

# Survey Says

What kind of bins do you have in your neighborhood?



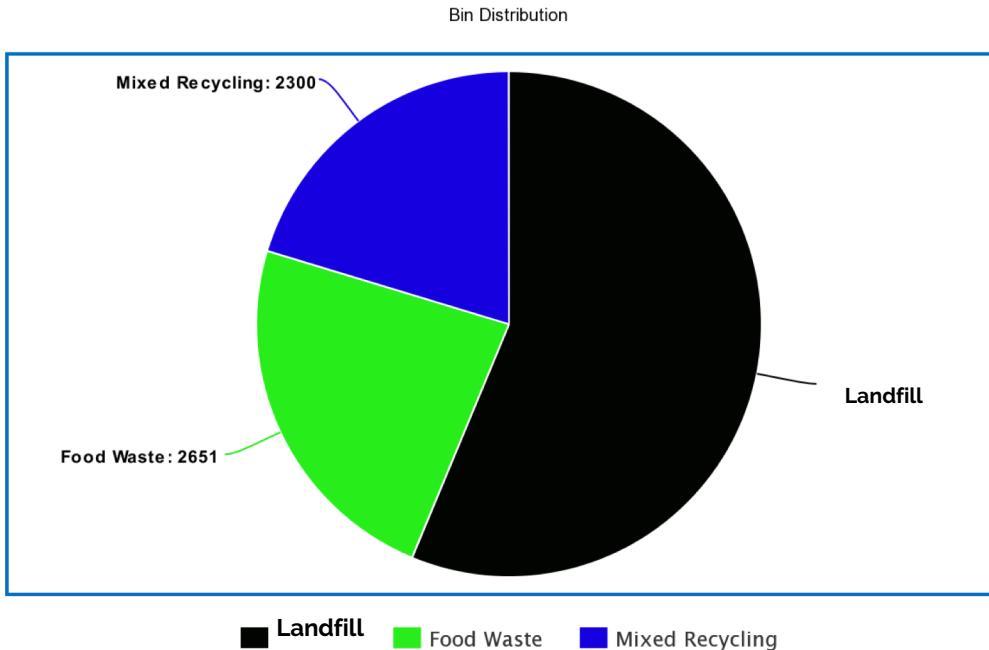
# Survey Results (cont.)

- “I live in a busy area of flats but there are only landfill bins on my street. I have to go three streets away to recycle.”
- “It’s awful. My neighborhood only reliably has landfill bins. The other ones move about and are often full, and I’ve never see a glass, mixed or food waste bin. I often put my glass in the bin of a nearby restaurant.”
- “I don’t know where any of our bins are.”

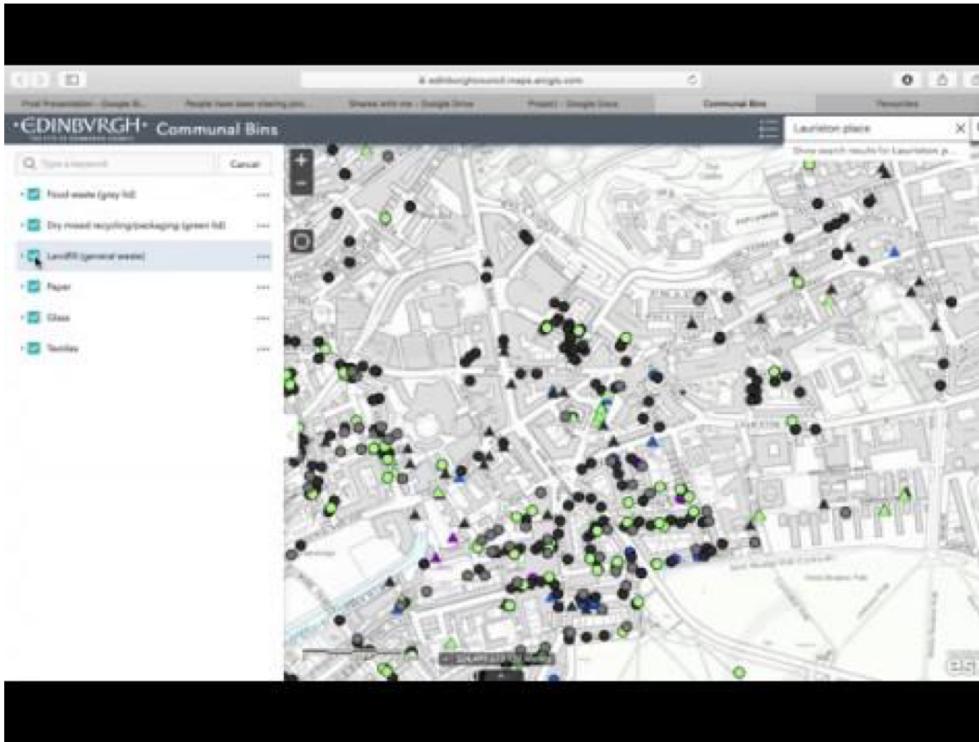
# Bin Design at Present



# Distribution in the city



# Distribution (cont.)



# Consultation with the City Council



Erica Manfroi <Erica.Manfroi@edinburgh.gov.uk>

Tue 19/03/2019 12:26

MODRZEWSKI Rafal; Karen Reeves <Karen.Reeves@edinburgh.gov.uk> ▾



CEC Recycling Consultation\_R...

2 MB



Dear Mr Modrzewski,

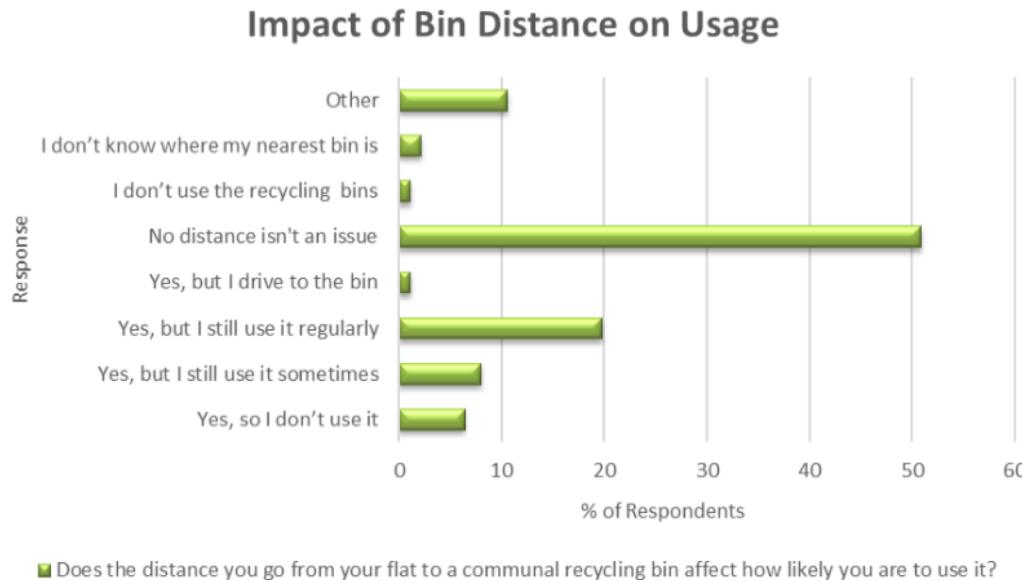
Thank you for your email.

Following some information that should answer your questions.

“Review the existing bin locations to develop more formalised collection [...]”

“Increase and improve recycling services to residents [...]”

# Comparison to Changeworks Data



# Changeworks survey



- “There is public desire for more recycling bins to be installed in their area”
- “Food waste recycling was the least recycled material [...]”
- “More and improved signage using images and pictures would encourage more recycling”

# Bin Aesthetics

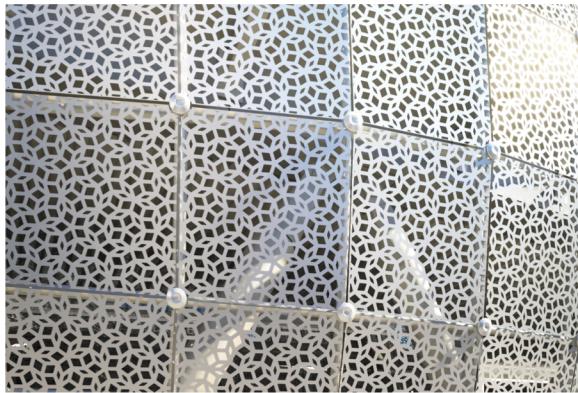


São Paulo



Lagos

# Pattern Inspiration



# Sidewalk Bin Proposal



# Communal Bins



Mixed Recycling



Small Electricals

# Current Information

The screenshot shows a web browser displaying the Edinburgh City Council website. The URL in the address bar is `edinburgh.gov.uk`. The page title is "Bin collection days". The header includes the Edinburgh logo, a search bar, and links for "Sign in" and "Register". Below the header, there are three buttons: "Pay", "Report", and "Request". The main content area has a breadcrumb navigation: "Home > Bins and recycling > Bin collection days". The main section is titled "Bin collection days" and contains the text: "Find out which day your individual recycling and waste bins are collected." Below this is a green button labeled "View recycling and waste bin collection days". A separate section titled "Garden waste" says: "If you've signed up to our garden waste service there is a separate calendar." It features a green button labeled "View garden waste collection days". At the bottom left, there is a message in a box: "Need help? Use our live webchat. Status: We're sorry, chat is currently unavailable." On the right side, there is a sidebar titled "Bins and recycling" with several links: "Bin-collection days", "Communal bin service", "Delays to rubbish and recycling collections", "Duty of Care", "Find your on-street recycling and landfill site", "Full or overflowing communal bin", "Garden waste", "Help us tackle litter", "Household waste recycling centre rules and access", and "Household waste recycling centres".

# WHICH BIN?



## Food Waste

- Cooked and Uncooked food (bagged)
- Meat and bones, eggs and egg shells
- Tea Bags and Coffee Grounds

Collected Monday and Friday



## Mixed Recycling

- Cardboard
- Clean plastic bottles, tubs, trays
- Clean cans and tins
- Drink cartons
- Foil and Empty Aerosols
- Papers

Collected Tuesday and Thursday



## Glass Recycling

- Clean glass bottles (all colors)
- Clean glass jars (all colors)

Collected Tuesday and Thursday



## Landfill Waste

Collected Monday and Friday



## Paper Recycling

Collected Tuesday and Thursday



# Conclusion

- Problem: scattered, overflowing, & lack of information
- Solution: distribution & information (laminated & pamphlets)
- Next steps: placement, politics, and economics
  - City Council goal: by 2025 70% of waste gets recycled
  - City Council improving the system at “costs contained within existing resources”
- Improve recycling & reduce frustrations

# Acknowledgements

- James and Morgan
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- Aileen Boyle
- Chris Hellawell
- All of y'all