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# Cardiff City Council Food Waste Collections

## Roger Mills – Waste Campaigns Coordinator



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# Background

- Cardiff – capital city of Wales
- 383,536 Population
- 170,000 Properties
  - Of which 40,000 are flats
- 1 of 22 local authorities in Wales (all unitary authorities)



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# Background

- Welsh Government targets
  - [Towards Zero Waste](#) (2010)
    - Recycling/Composting targets:
      - 2015/16 - 58%
      - 2019/20 – 64%
      - 2024/25 – 70%
  - [Beyond Recycling](#) (2021)
    - Targets - by 2025:
      - 26% reduction in waste
      - Zero waste to landfill
      - 50% reduction in food waste
      - 70% recycling
    - By 2030:
      - 60% reduction in food waste



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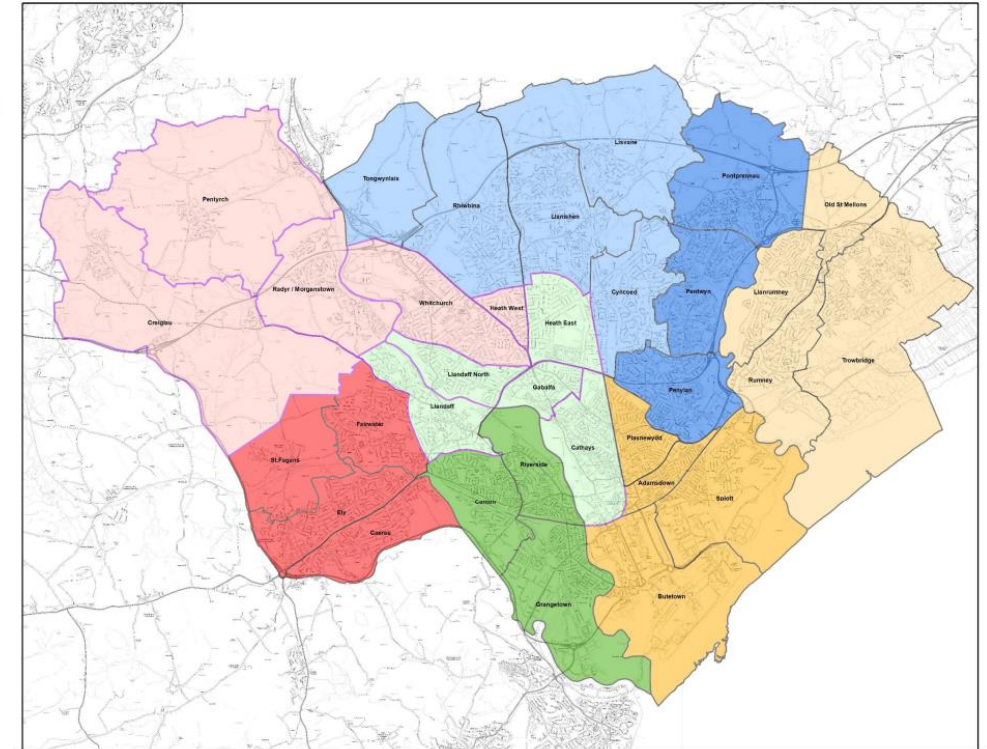


- 4 day week (Tue-Fri), 6am-3.45pm
- Week A/Week B
  - A - Residual - fortnightly
  - B - Garden/hygiene/Glass - fortnightly
- Recycling – weekly
  - Red/blue sacks, glass caddy (60%)
  - Green bags – commingled (40%)
- Food - weekly

## 4 DAY WORKING: WARD PLAN – WEEK A / B SPLIT

### KEY

- TUESDAY WK A
- TUESDAY WK B
- WEDNESDAY WK A
- WEDNESDAY WK B
- THURSDAY WK A
- THURSDAY WK B
- FRIDAY WK A
- FRIDAY WK B



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# Food Waste - domestic



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- 100% of properties have access to food waste collections
- 2 litre kerbside caddy (external), issued FOC
  - Cost £4.15
- 5 litre kitchen caddy (internal), issued FOC
  - Cost £1.62
- Food caddy liners, issued FOC
  - Cost 600k per annum
- Flats serviced with 240 litre brown bins, FOC
  - Cost £23.15



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# Food Waste - domestic



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- 10 food waste rounds (plus narrow access round), collected weekly
- Round size = approx. 3000 properties
- 4431 tonnes collected Jan-Mar 2024
  - 1477t per month
- Processed via Anaerobic Digestion plant



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# Trade Waste in-house

- 3000 customers
- Income £5.28m (2023/24)
- 52 FTE staff
- 7 days a week
- 11 collection rounds – 5 general, 3 recycling (fibres/containers), 2 food waste, 1 glass
- 2 skip rounds
- Event recycling
- [Workplace Waste regulations](#) – implemented April 2024



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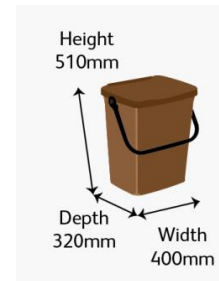
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# Food Waste - trade

- 2 rounds per day
- Driver + 1 (minimum)
- 12T chassis Mac Pac
- 5T payload
- 240 litre wheeled bin
- 35 litre caddies



Waste stream	Q1 2023/24	Q1 2024/25	% change
Food waste	311	457.9	47%
Glass	241	336.29	40%
Dry recycling	612.04	471.28	-23%
Residual	2501.66	1994.03	-20%



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# Communications

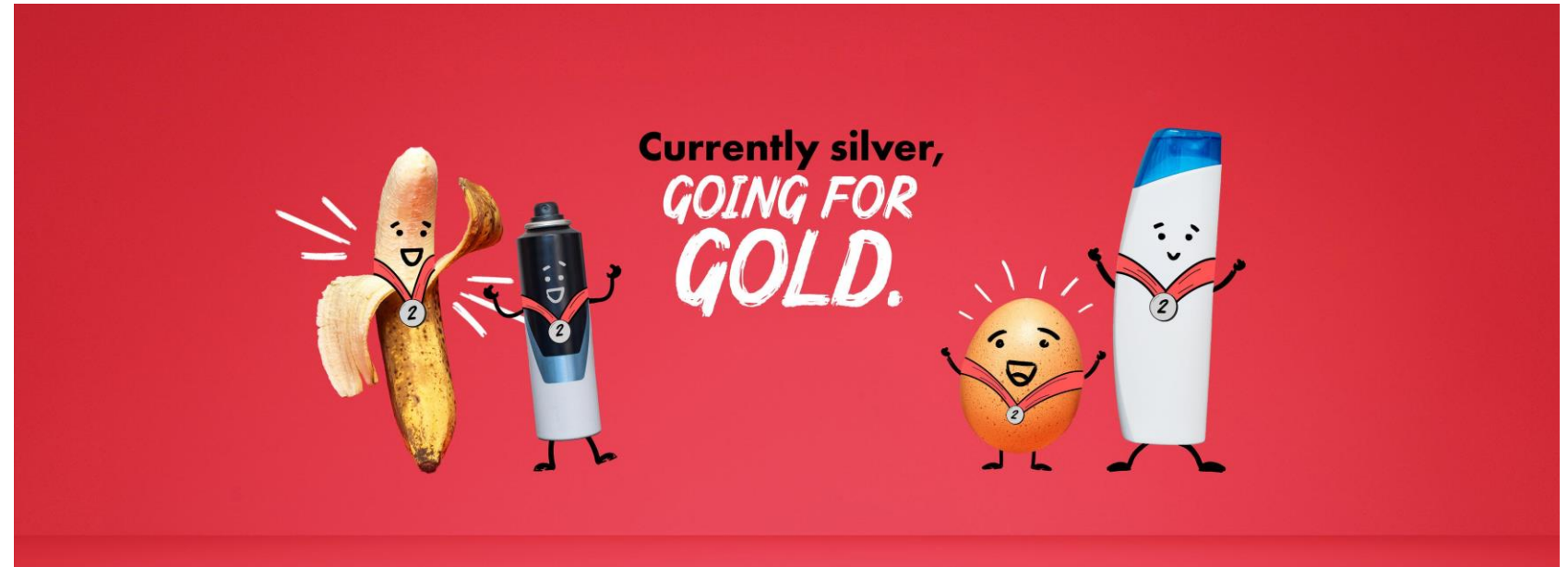


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- Captain Caddy!
- Social Media
- Radio
- Newspaper
- Bus Adverts
- Posters
- Livery
- Website

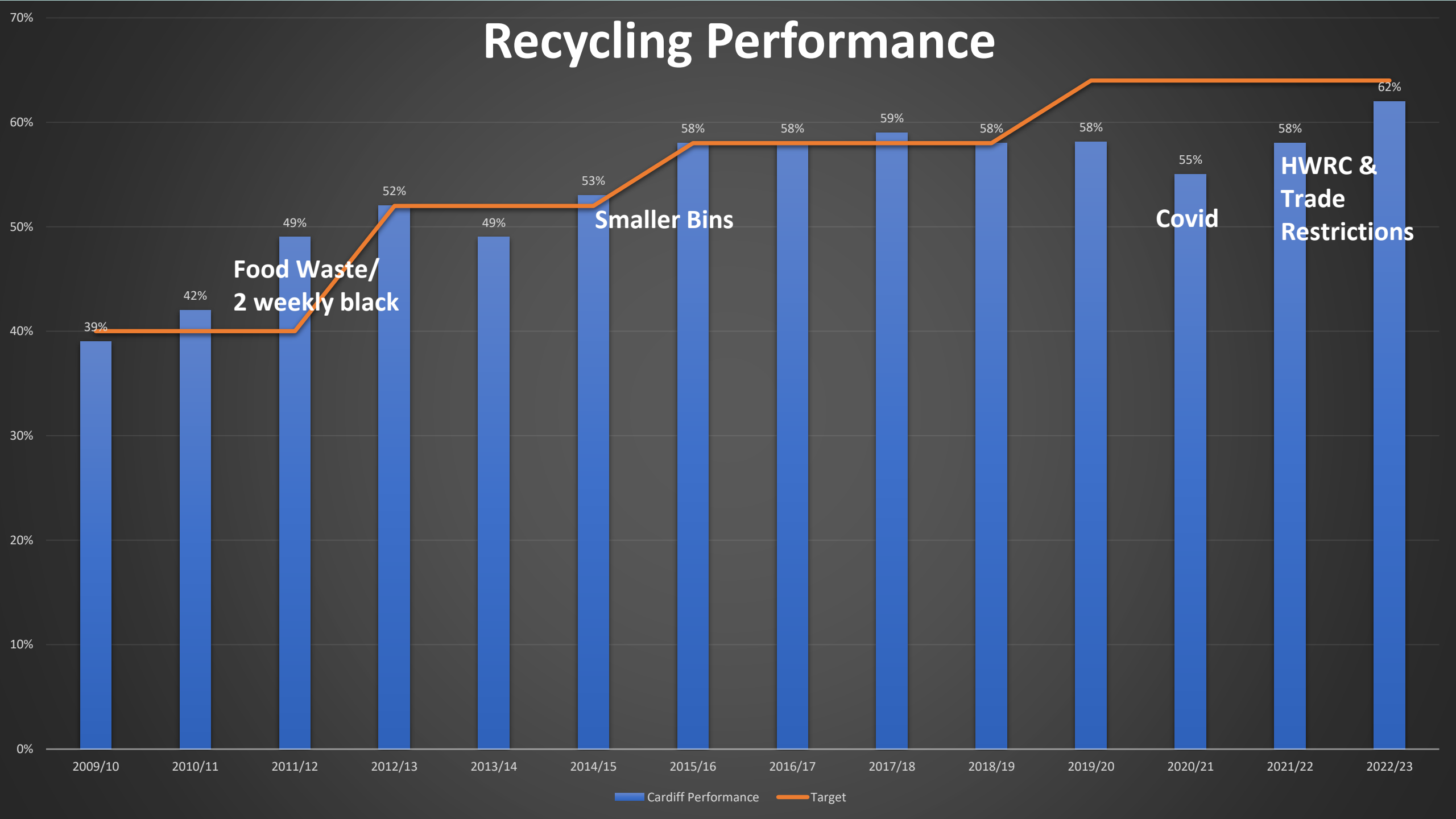
- National BE MIGHTY campaign



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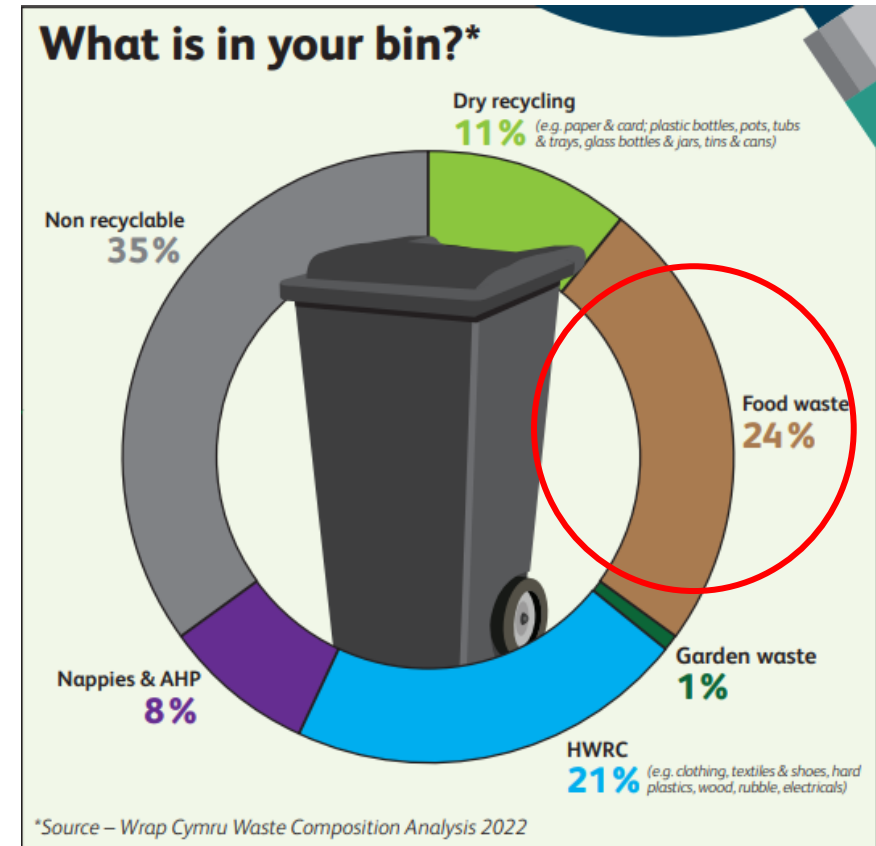
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# Recycling Performance



# What next?

- Beyond Recycling targets
  - 70% recycling by 2025
- Waste Comp analysis shows over 50% in the residual bin is recyclable
  - 24% is food waste
- Challenges:
  - High percentage of flats (30%)
  - 70,000 student population
- Next steps:
  - Residual waste – 3 weekly?
  - Hygiene weekly?
  - Segregation to prevent cross contamination
  - Increase range of materials collected e.g. tetrapak, plastic film





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# Any Questions?

[Roger.mills@cardiff.gov.uk](mailto:Roger.mills@cardiff.gov.uk)



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