



# EMRC Waste Audit

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# Objectives

- Understand and gain knowledge of waste generation
- Identify the Composition in households general waste bins
- Ascertain the Contamination Levels in Waste Stream

# Methodology



6 Councils, Bassendean,  
Bayswater, Belmont,  
Kalamunda, Mundaring and  
Swan,

Sample areas of Social  
Economic Average



600 Household Bins,  
100 Bins from each  
council



Per Property  
Method / “Bag and  
Tag”

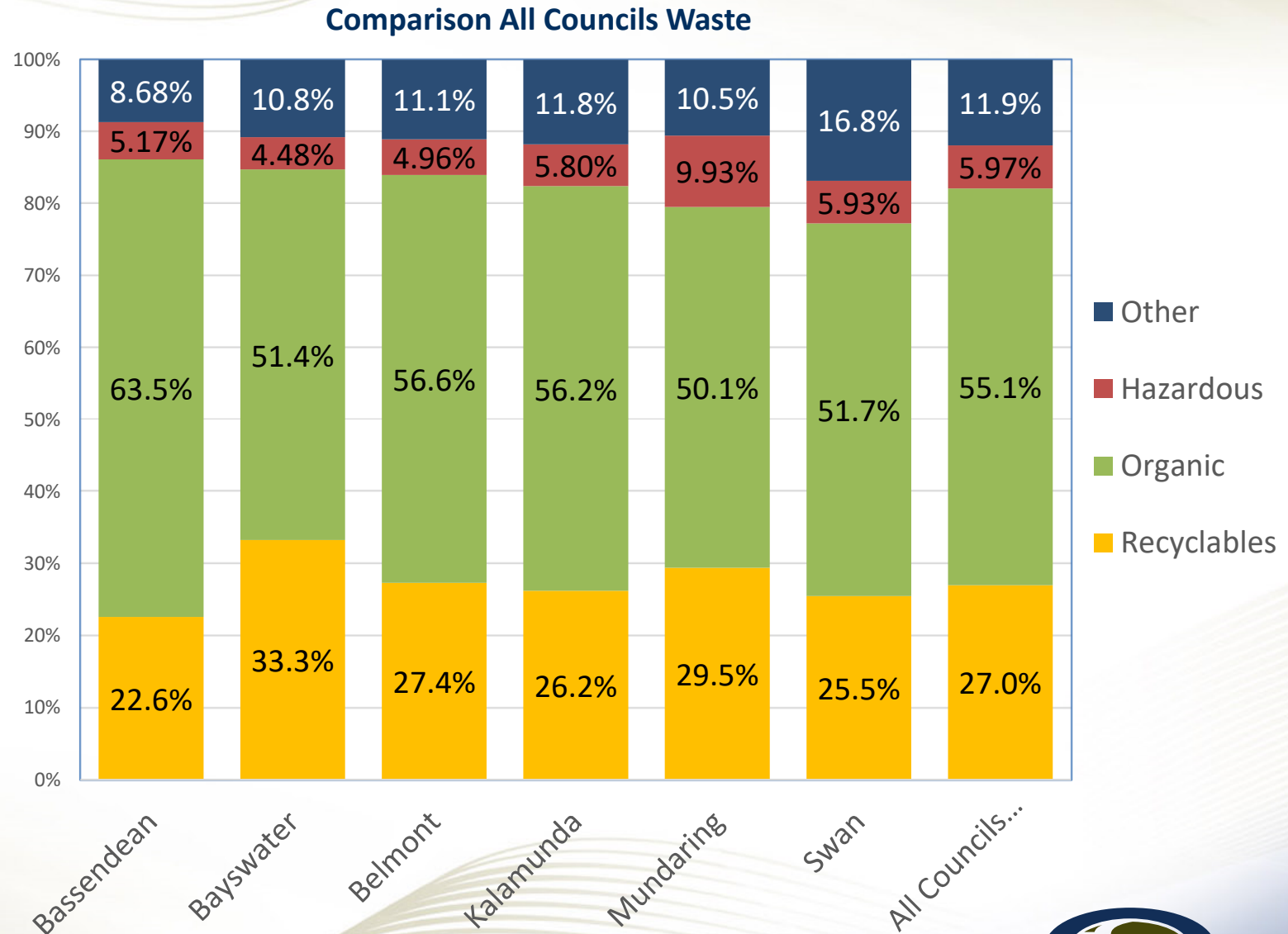


# Key Deliverables

1. Waste Generation Composition
2. Food Organics Garden Organics (FOGO)
3. Container Deposit Scheme (CDS) Counts

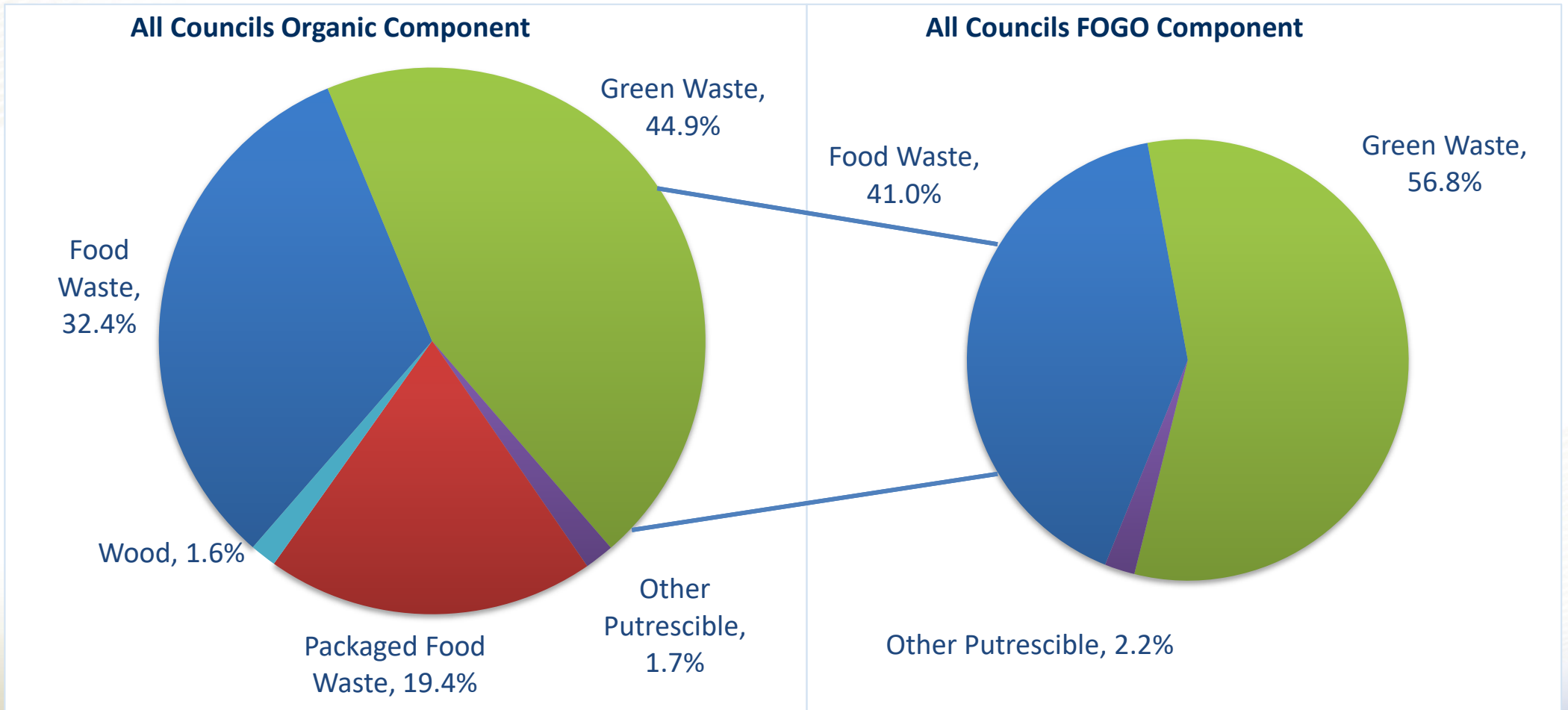
# KPI #1 Waste Generation Composition

- Waste Generation - per household / per week
  - Average 14.6kg
  - Range 10.7kg in Bayswater to 18.3kg in Swan



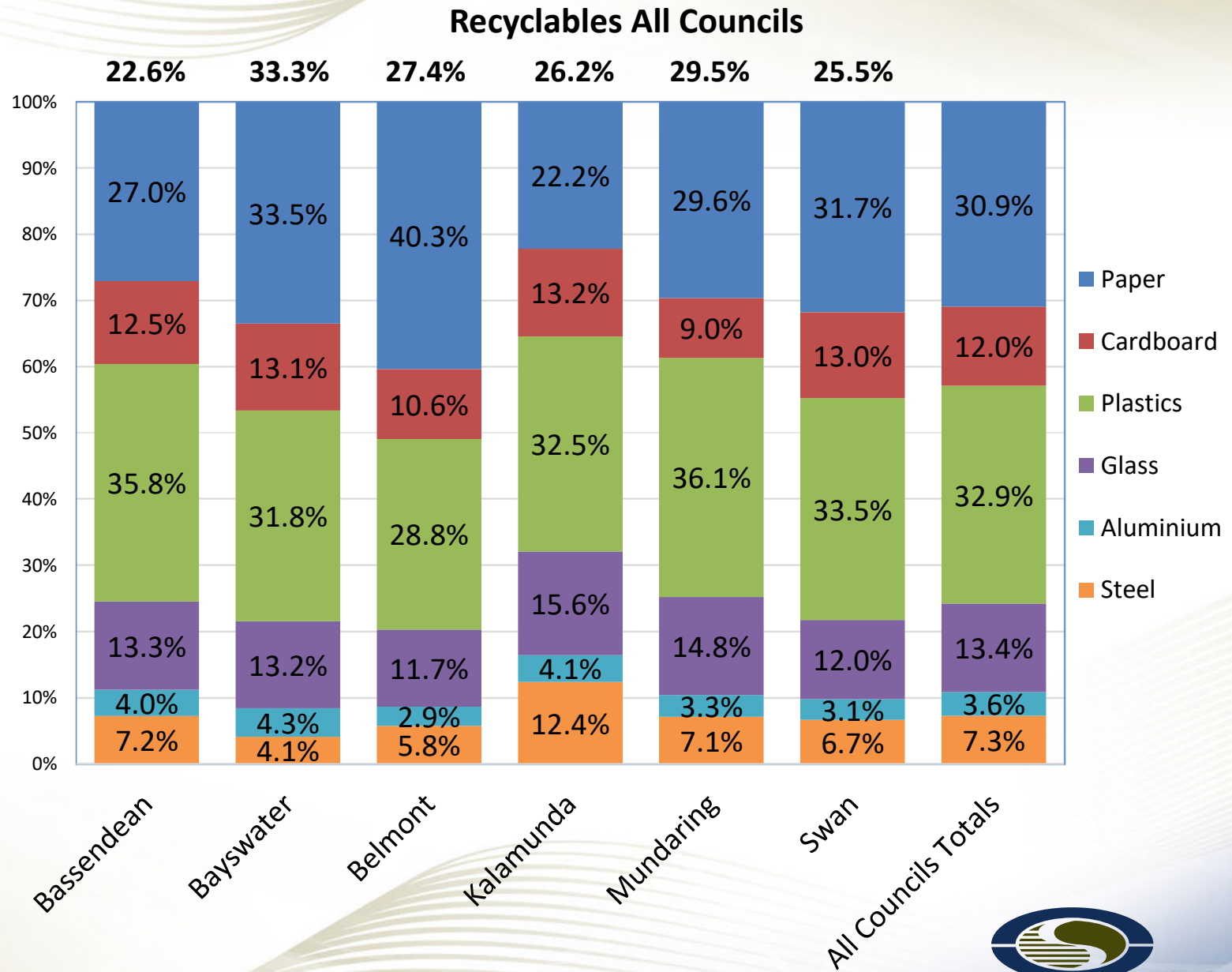
# KPI #2 Food Organics Green Organics

- Total Organics 55.1% All Councils
- Total FOGO 43.5% of Material Audited



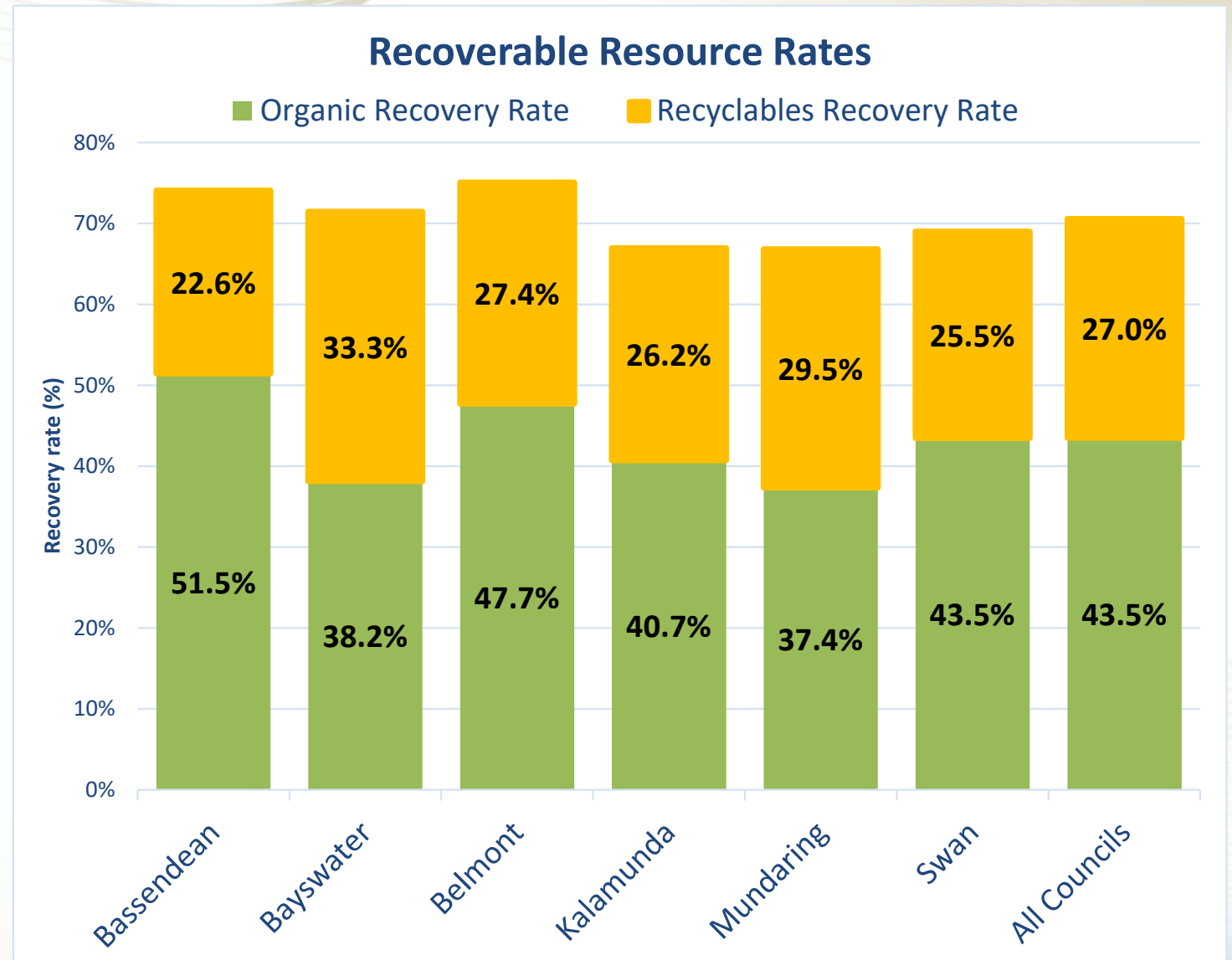
# KPI #3 Recyclables in the General Waste

- 27% Total Recyclables All Councils
  - Range 22.6% Bassendean and 33.3% Bayswater



# Theoretical Recovery Rate

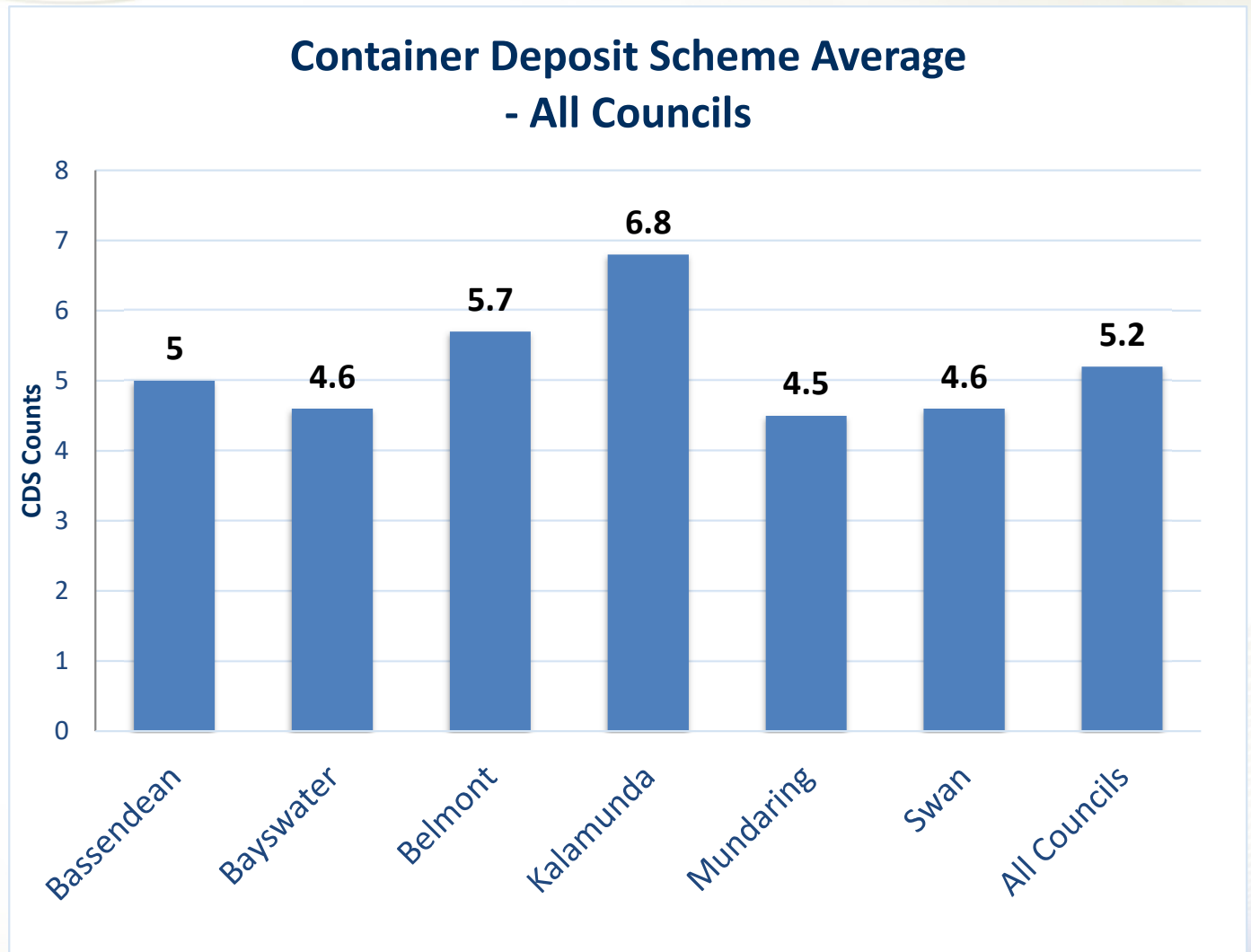
- Possible maximum recovery rate 70.6%
  - All Councils 43.5% FOGO and 27% Recycling





# Container Deposit Scheme Counts

- Total 3,113 Containers Counted
  - Average 5.2 containers per household
  - Average per household per year 270



# All EMRC Councils Summary...

- Waste Generation - per household / per week
  - Average 14.6kg per bin across all councils
  - Range 10.7kg in Bayswater lowest to 18.3kg in Swan with the highest
- Total Organics - 55.1% from All Councils
  - 43.5% Total FOGO
  - Food Waste 41%, Green Waste 56.8%, Other Putrescible 2.2%

# Summary Continued

- Recycling - Range between 22.6% and 33.3%
  - Total 27% Recyclables from all Councils
- Eligible CDS - Range 4.5 in Mundaring to 6.8 Kalamunda per household
  - Average 5.2 Eligible CDS per household,
  - 270 Eligible CDS per household, per year on average from all councils