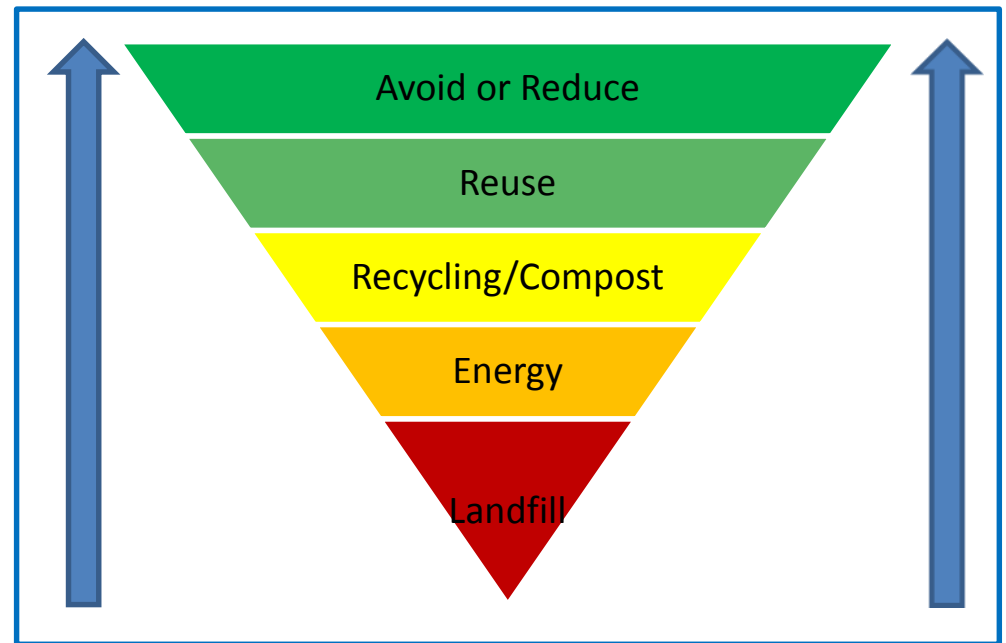


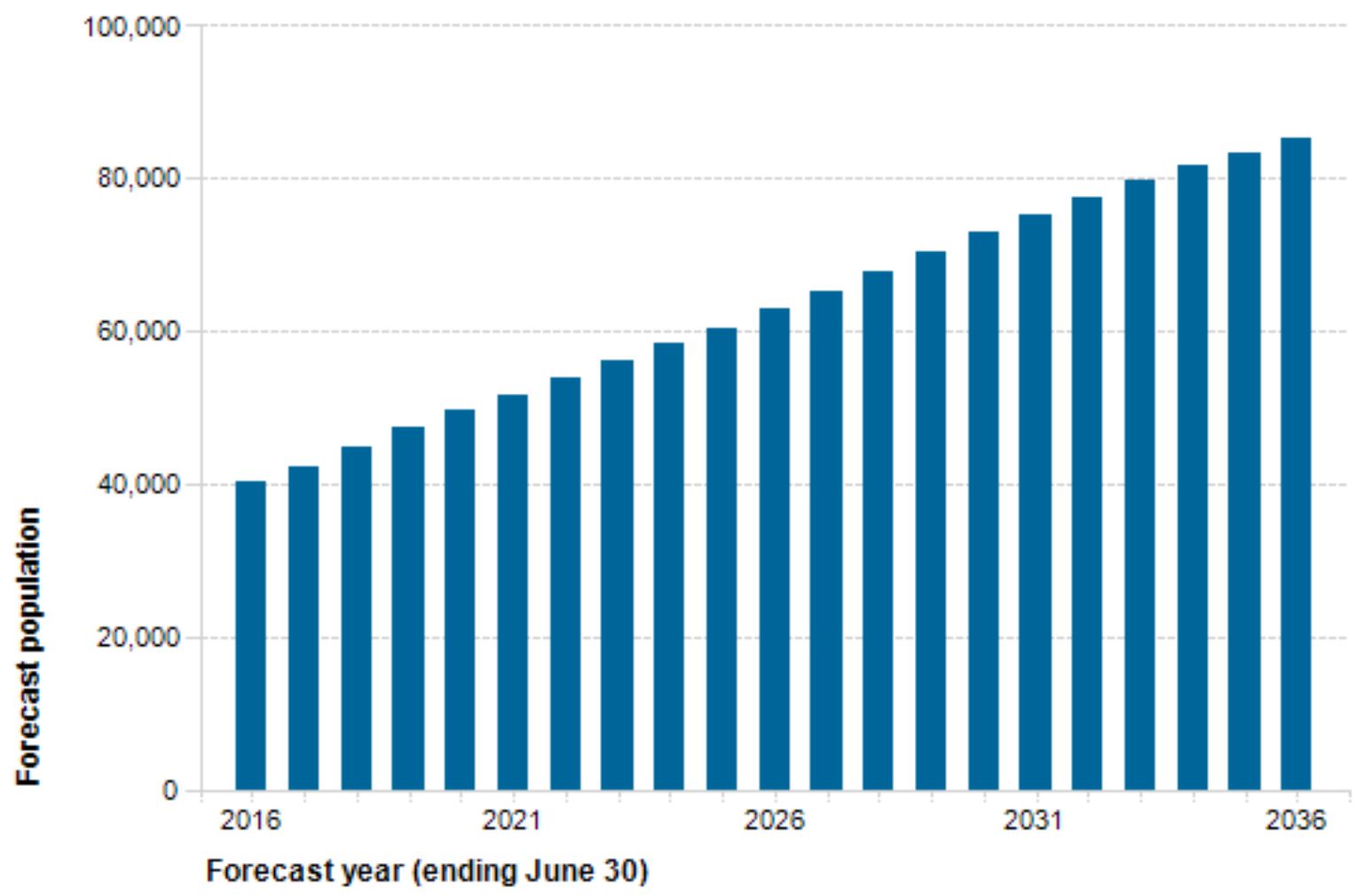
A Local Government Perspective on Waste Recovery and Prevention

City of Kwinana
Darrell (Daz) Monteiro

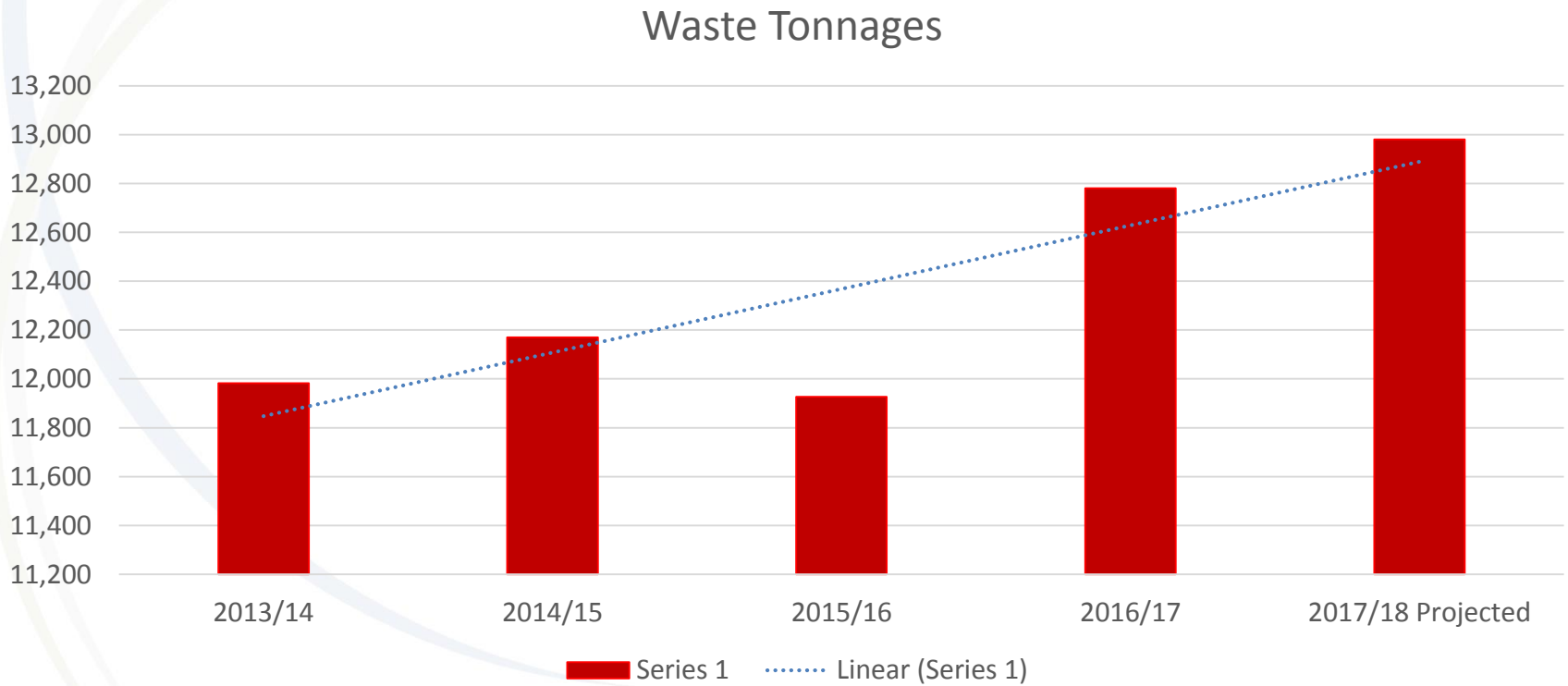


Forecast population

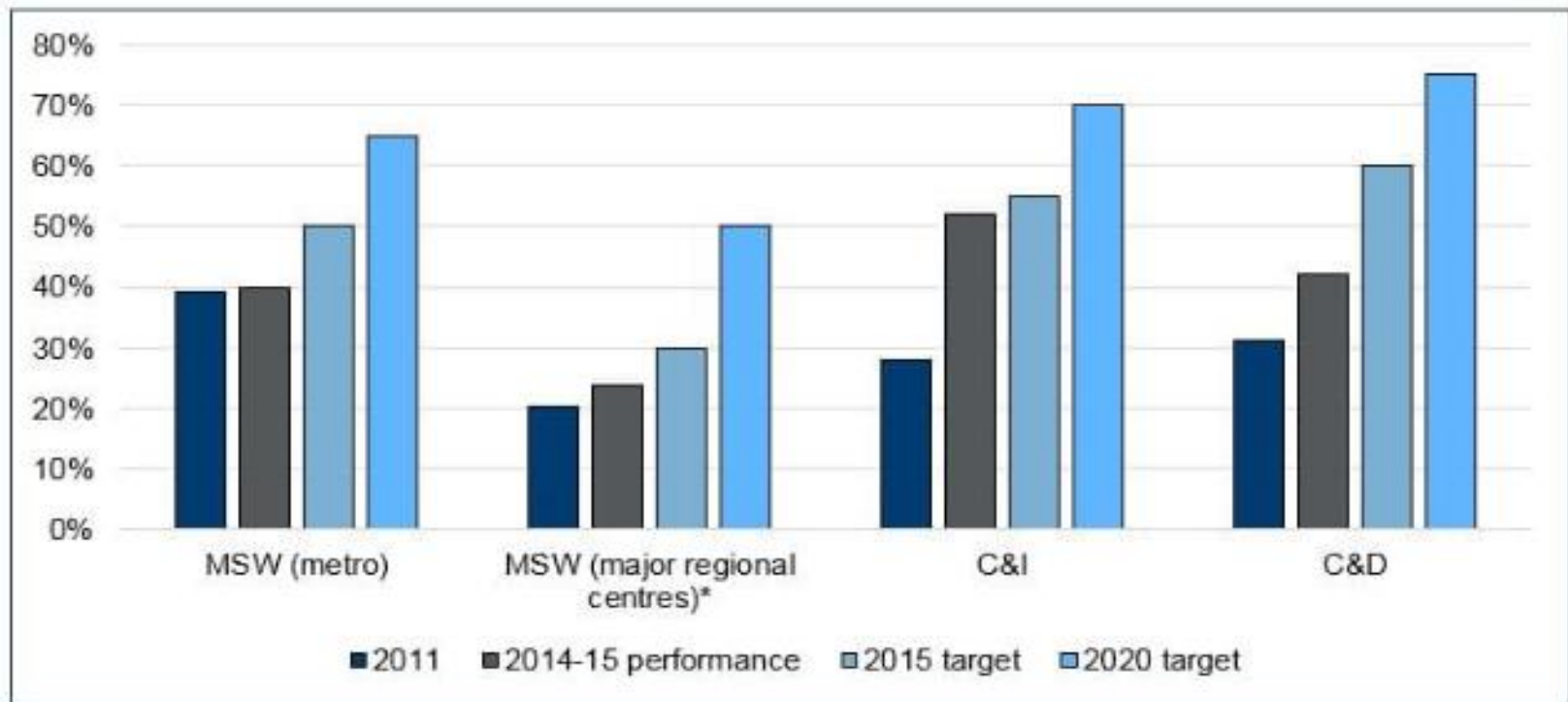
City of Kwinana



What happens to waste in Kwinana with an increasing population?



Where is WA's Waste Diversion at?

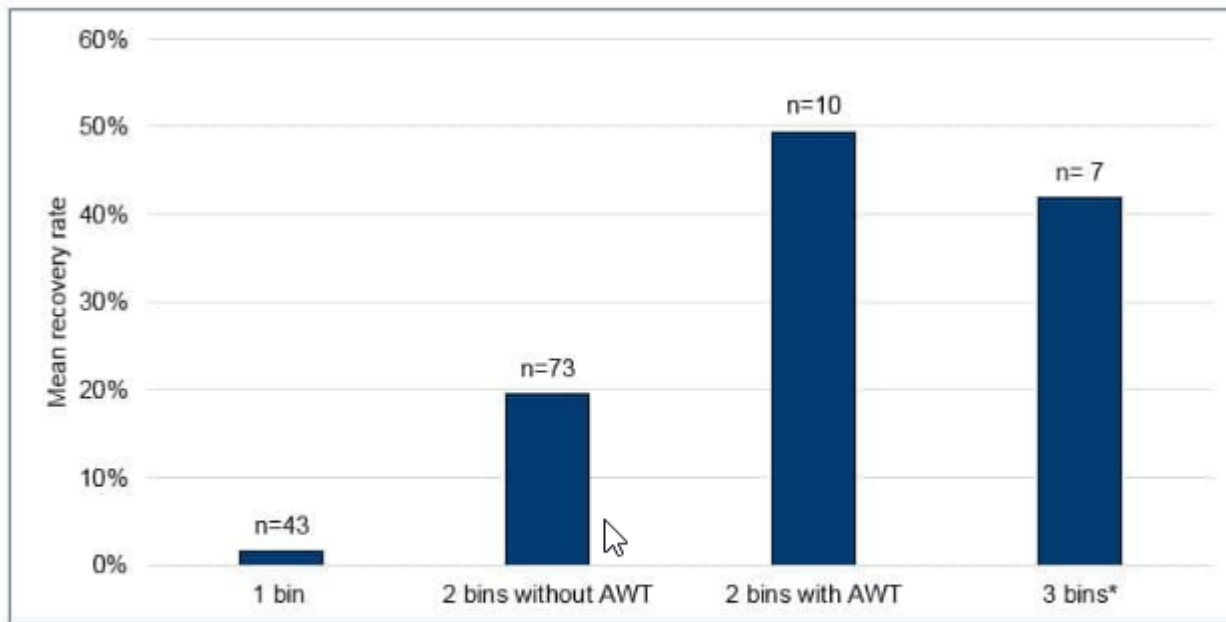


Source: DER

Figure 1: Statewide diversion rates and Waste Strategy targets for 3 waste streams

**In the absence of an agreed definition of 'major regional centres' the data used includes all regional data supplied by DER.*

Information from the Auditor General's Report



Source: DER

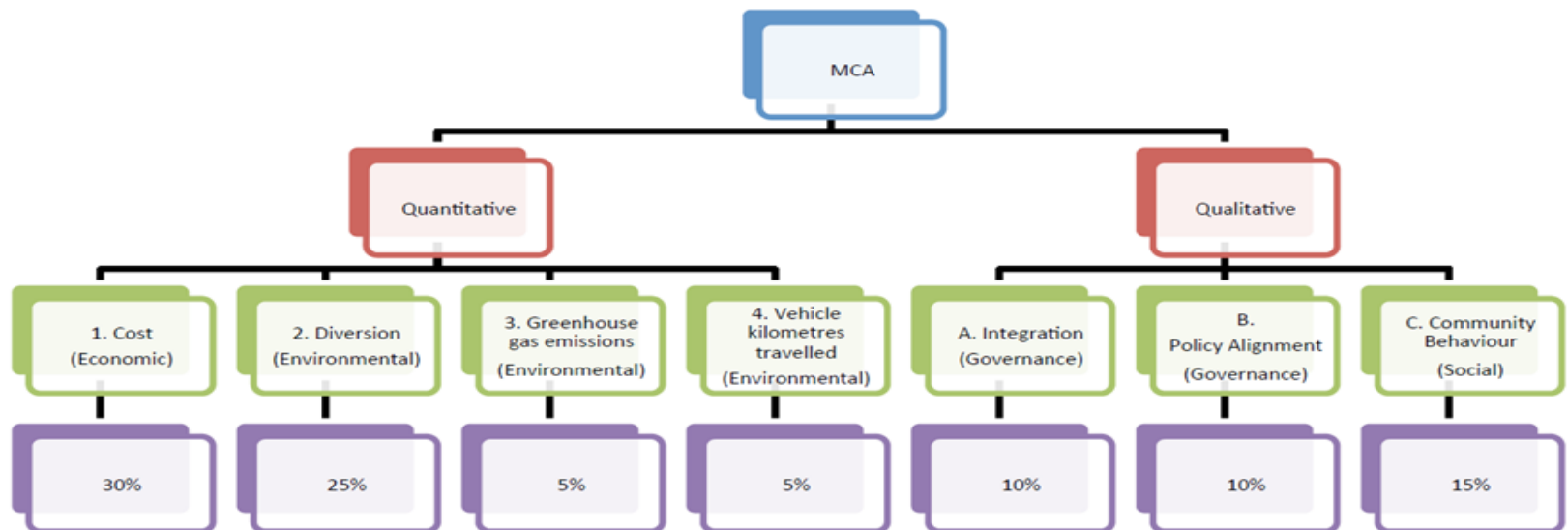
Figure 3: Average recovery rates for LGs with different kerbside service types 2014-15

* 1 with AWT, 6 without AWT.

MRA Consulting – City of Kwinana Waste Strategy recommendation

2-bin system with waste transported to the WTE plant at Kwinana as the most effective solution

Figure 2 Multi criteria analysis weighting summary



Developing the City's activities regarding waste recovery and prevention

The Kwinana Strategy actions include –

- Improvements in recycling
- Improvements to contract specifications
- Shorter, flexible contracts
- Education for residents
- Container Deposit Scheme support



**recycle[®]
right**

The Importance of Education

Waste Minimisation Officer :

- Manages waste education enquiries
- Stakeholder communication
- Face-to-face contact
- Coordinates programs such as:
 - Bin Tagging
 - Garage Sale Trail
 - Composting Workshops
 - Worm Farm Workshops



Challenges faced



Wheelbarrow

$\frac{1}{2}$ in waste

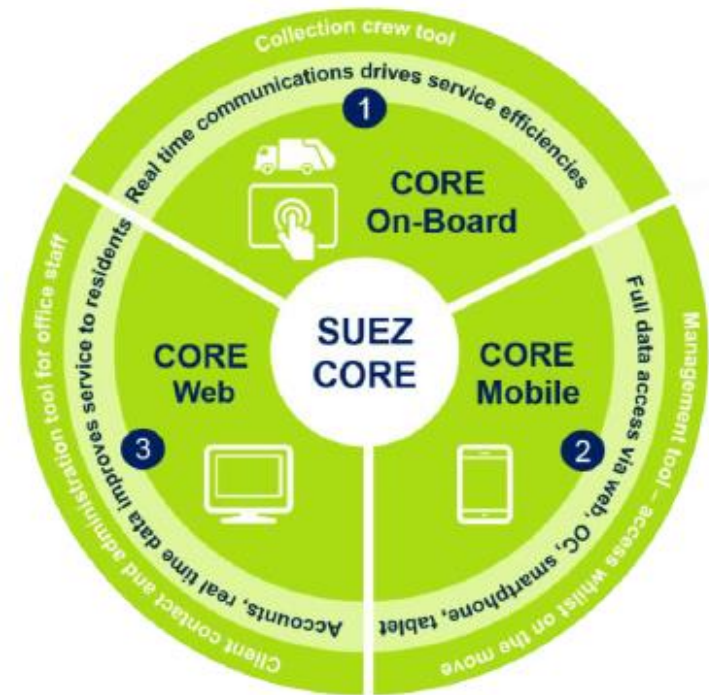


$\frac{1}{2}$ in recycle

- Apathy
- Current environment - Chinese ban
- Cost of education on-going and increasing
- Contamination rates – 15% in recycling stream
- Inconsistent messages
- ‘Wish-cycling’

Solutions through improved waste contracts

- Live tracking
- Improved customer service
- Photos of contamination
- Presentation rates
- Efficiencies
- Increased diversion



Questions?

