

# BINtervention





THISTLE STREET  
SOUTH WEST LANE

JOSEPH BONNAR









# How the problem arose

- Late 90's sees the introduction of wheelie bins and containerisation
- Economy of scale means bin size increases



- Introduction of Waste (Scotland) Regulations 2012 results in increased recycling!
- but also an exponential increase in containers...



# Food Waste





# Recycling





# General Waste





# Glass



# How Edinburgh tackled the problem



# Step 1 - Research

## Westminster's *Timed Collections*

Each street given 1 hour time slot for waste to be presented, outside of these time windows no waste to be present on street

Resulted in no bins stored on street, waste out in bags for short period of time

## Calgary's *Dumpster-free Downtown*

All new buildings must have internal waste management area, change of purpose must retrofit building with internal waste storage area.

Resulted in reduction from 250 'dumpsters' on high street to zero and "Cleanest city in the world" Forbes Magazine, 2007

# Melbourne's Waste Standards

- 1. Bin Audit
- 2. Business engagement
- 3. Assess storage space (may involve changing to smaller bin with more frequent collections)
- 4. Issue exemptions for bins (e.g. if they have no space)

Result...





# Step 2 - Pilot

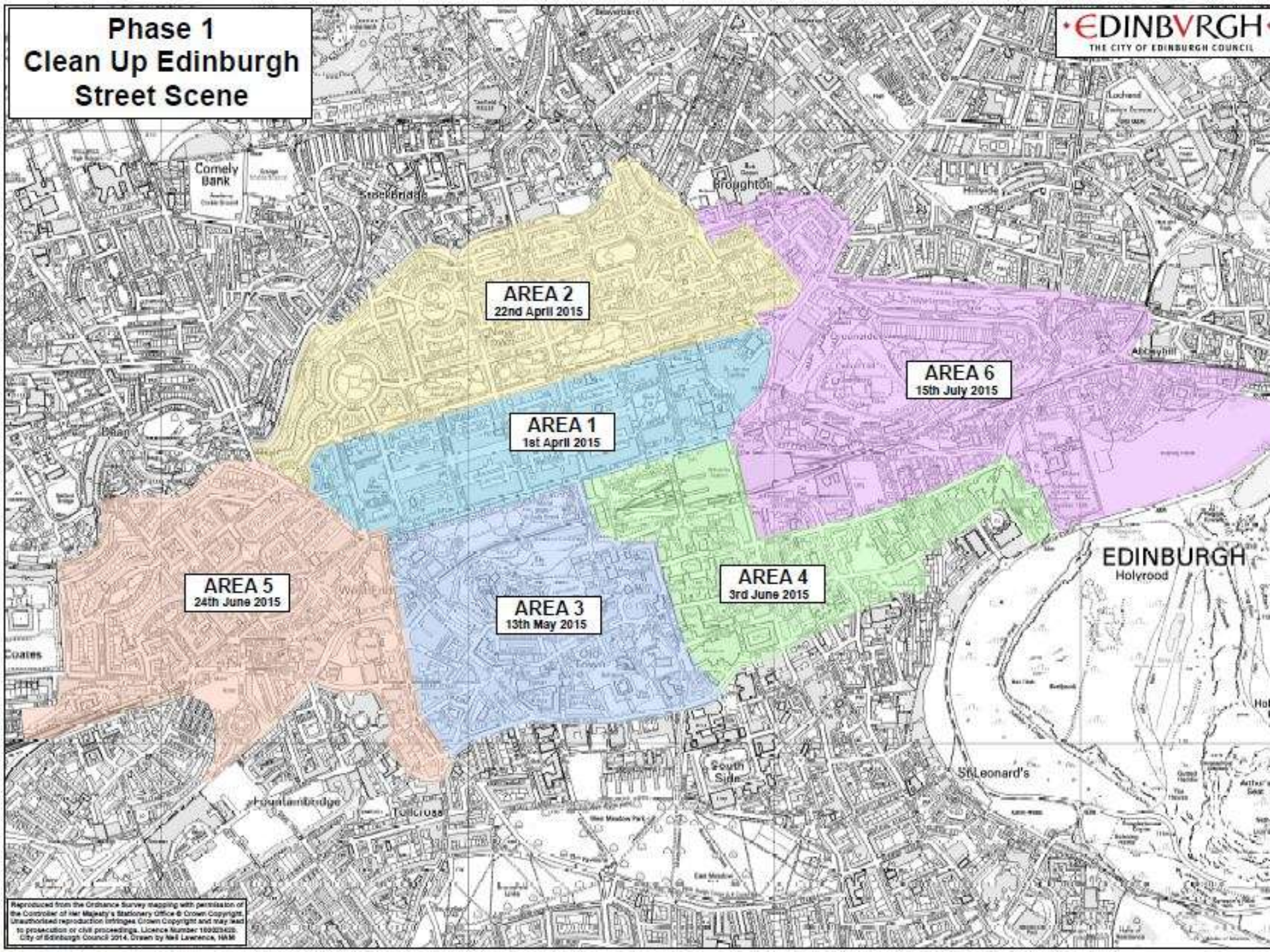
- 3 city centre streets (Rose St, Royal Mile, Leith Walk)
- 10 month period
- Tested our preferred option of timed collections
- Monitored bin numbers, street cleanliness, public opinion
- Identified key issues and refined:
  1. Exemptions for food/glass in some cases
  2. Expanded time windows
  3. Put conditions on bins left on street
  4. Policy drafted and approved in October 2014

# Step 3 - Policy

1. Trade Waste containers are not permitted to be stored on public space.
2. Trade waste to be presented for collection on public space during the following times only:  
  
**9.30am – 12pm**  
**2pm – 4pm**  
**6.30pm – 11pm**
3. Within presentation times, waste only permitted to be presented for up to **one hour**
4. Waste placed on street for collection must display business name and collection time
5. Waste may only be placed on-street when the business is staffed and never overnight.
6. Waste containers must be placed as near to the edge of a business's property as is possible, whilst retaining clear pedestrian access.

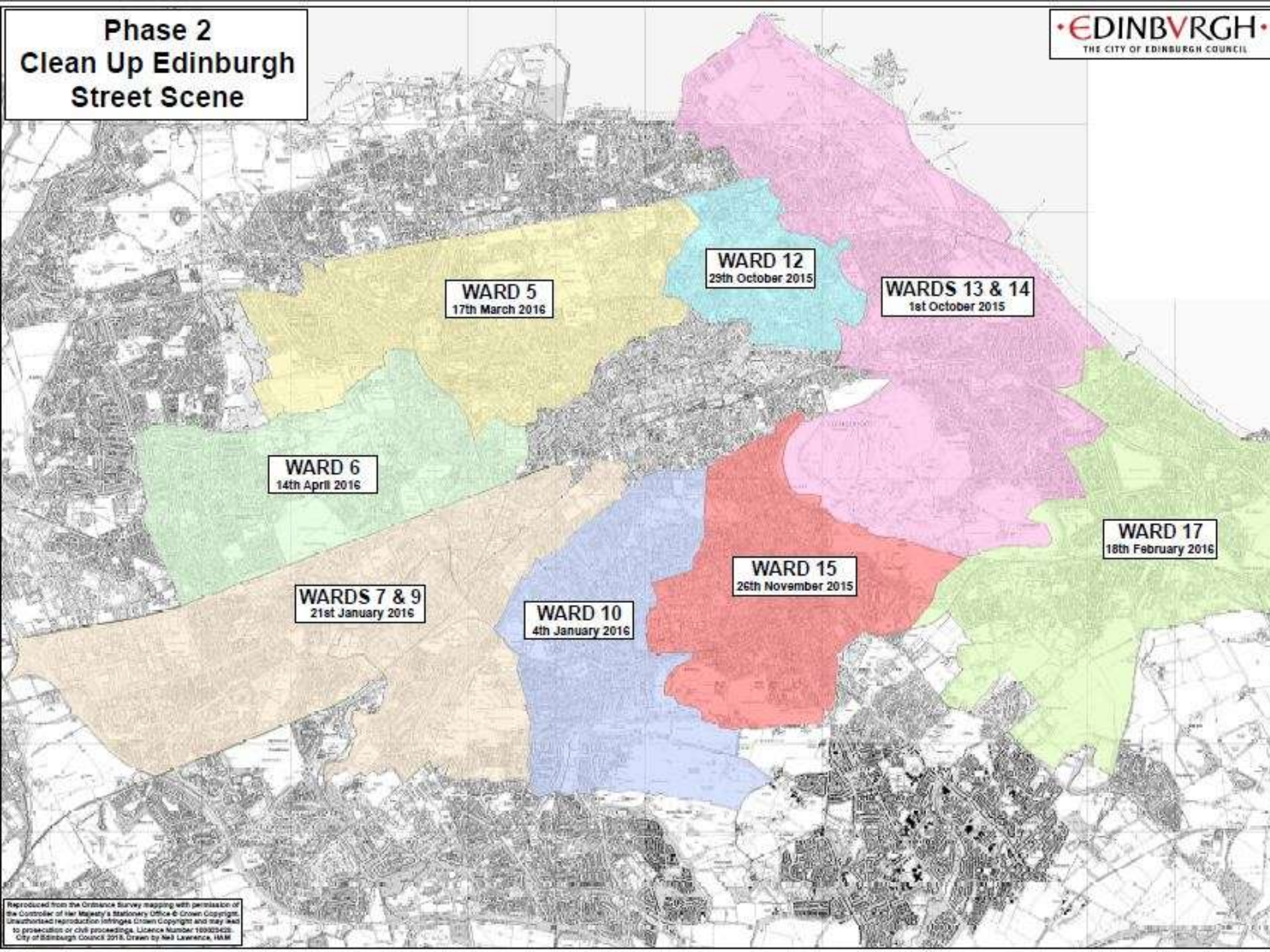


# Phase 1 Clean Up Edinburgh Street Scene





# Phase 2 Clean Up Edinburgh Street Scene





# Step 4 - Rollout

1. Engagement with stakeholders
2. Teaser campaign leaflets, press release and website set up
3. Information packs delivered to all businesses
4. Bin audit undertaken. Bins stickered and photographed
5. Trade waste companies given spreadsheet of bins and photos
6. Business Engagement – advice and exemptions
7. Review bins still on street
8. Unauthorised bins removed
9. Enforcement



# Enforcement

Stage one - Roads (Scotland) Act. *Targets waste carriers*

- Control obstructions on public land
- Undertaken by Roads Authority

Stage two – Environmental Protection Act. *Targets Businesses*

- Three strike system resulting in Section 47 notice
- No fines
- Based on advice and guidance
- Undertaken by Environmental Wardens





DRY MIXED

RECYCLABLES

SURREY ARMS

Dry & Clean Materials Accepted

Cardboard / Paper / Glass / Metal

0800-601-601







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