

Waste Management in C40 Cities

March 11-12, 2013

Vancouver, Canada



Current C40 Cities



● Steering Committee

● Megacity

● Innovator City

● Observer

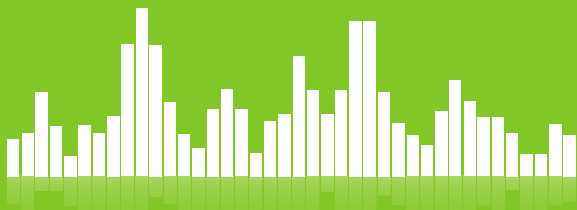
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Climate Action in Megacities Report

Climate Action in Megacities:

C40 Cities Baseline
and Opportunities

Version 1.0 June 2011



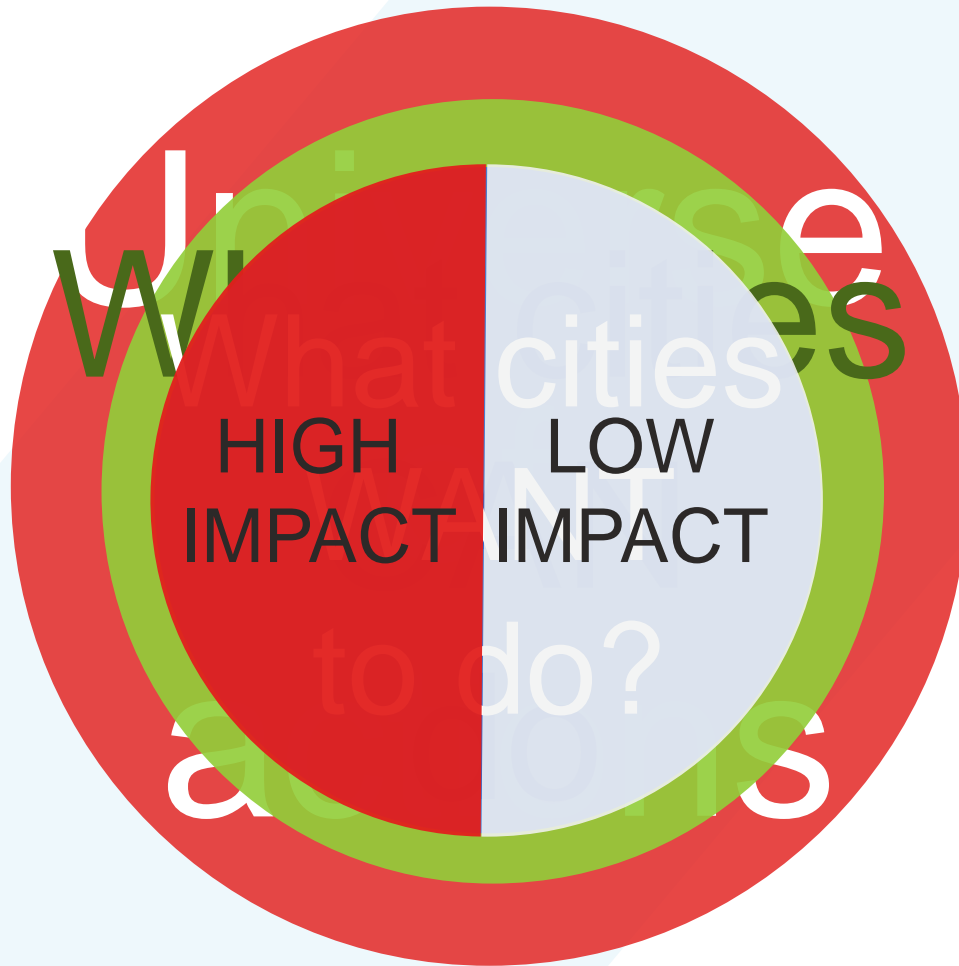
40 cities
297 million residents
4,734 climate actions

ARUP

C40
CITIES
Climate Leadership Group

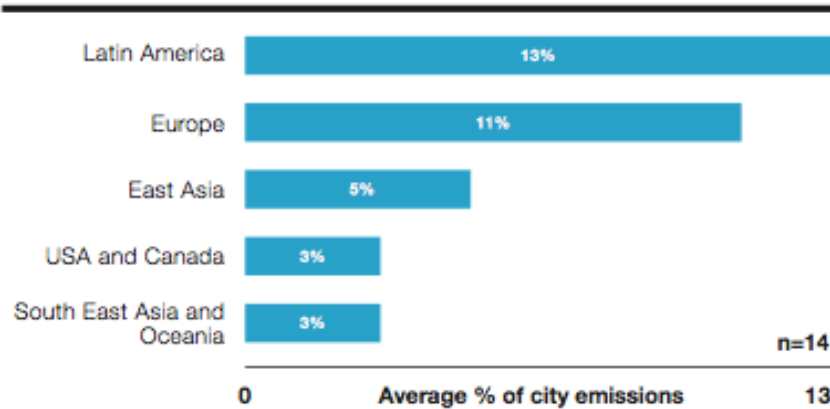
- First-ever comprehensive analysis of actions underway in the world's megacities to address climate change.
- This baseline clearly illustrates the notion that “Cities Act.”
- This study is more than just proof of action, it is also an expression of opportunity.

Opportunity scoring

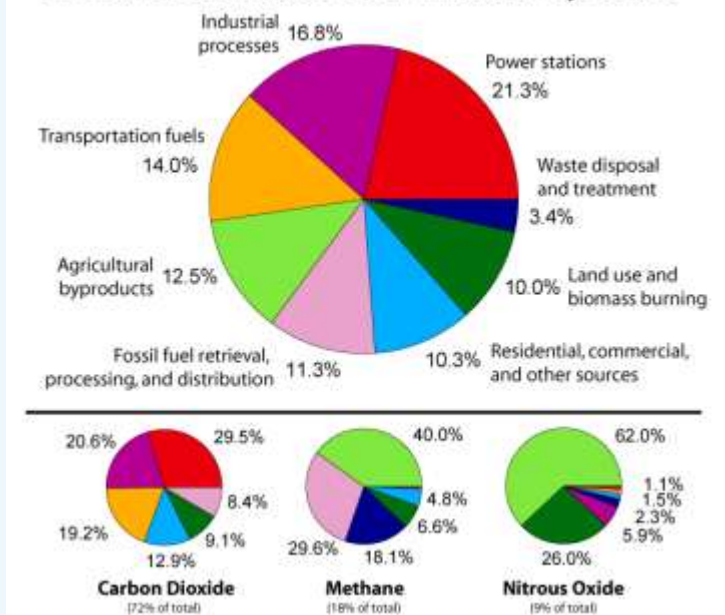


GHG emissions from waste

FIG 3.4 PROPORTION OF CITY CO₂E EMISSIONS ATTRIBUTABLE TO WASTE



Annual Greenhouse Gas Emissions by Sector



Source: Emission Database for Global Atmospheric Research

Waste generation and collection

FIG 3.5 PROPORTION OF WASTE COLLECTED ACROSS DIFFERENT C40 CITIES

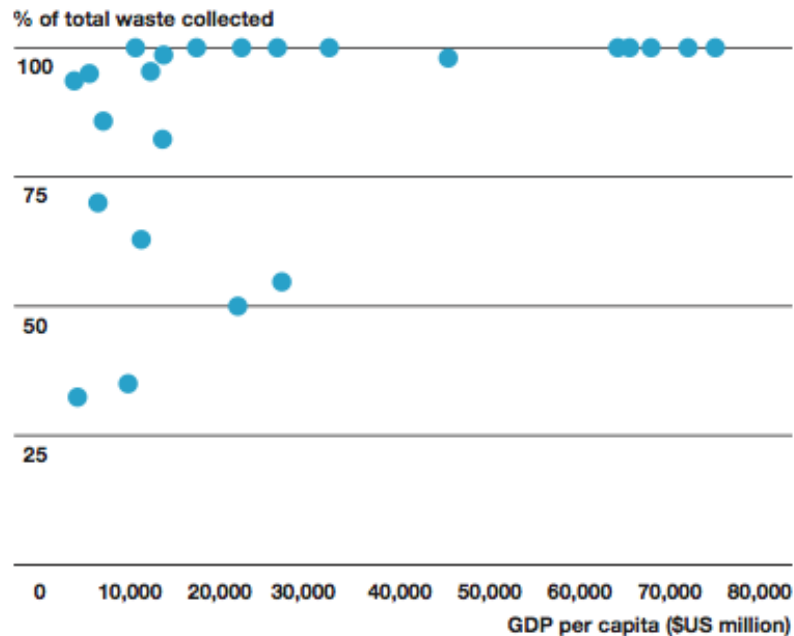
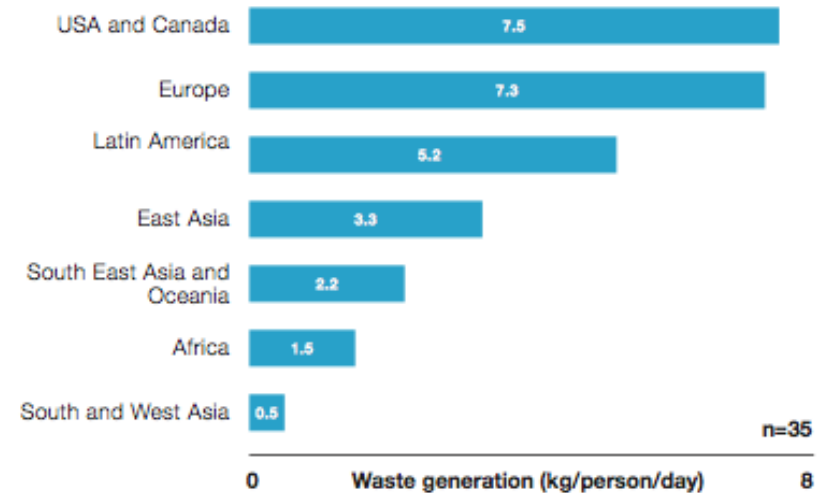
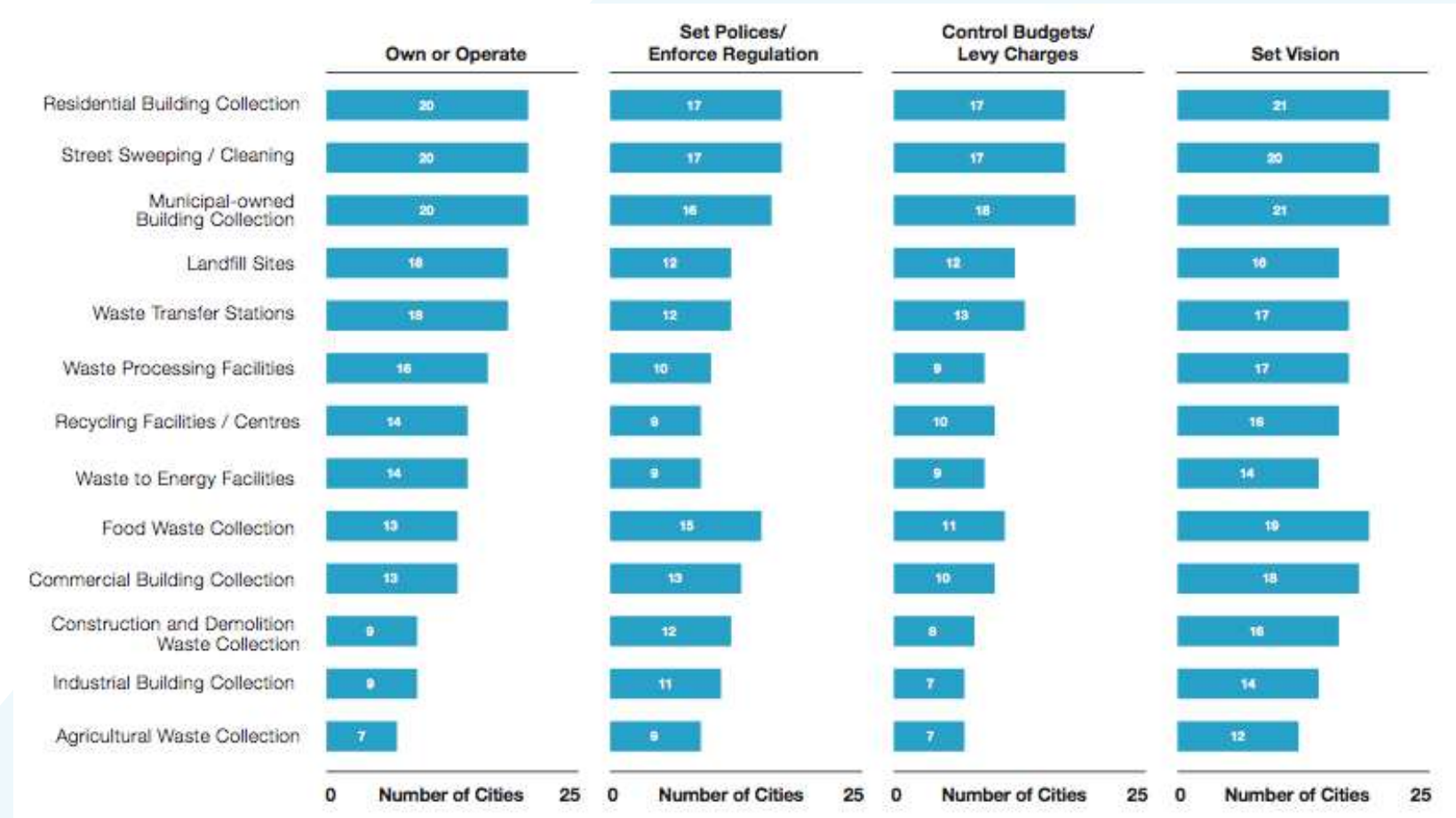


FIG 3.2 TOTAL WASTE GENERATED IN C40 CITIES BY EACH REGION



Mayor's powers: Opportunity for action



Cities taking action

FIG 3.8 HOW MANY CITIES ARE IMPLEMENTING INITIATIVES IN WASTE: RESIDENTIAL?

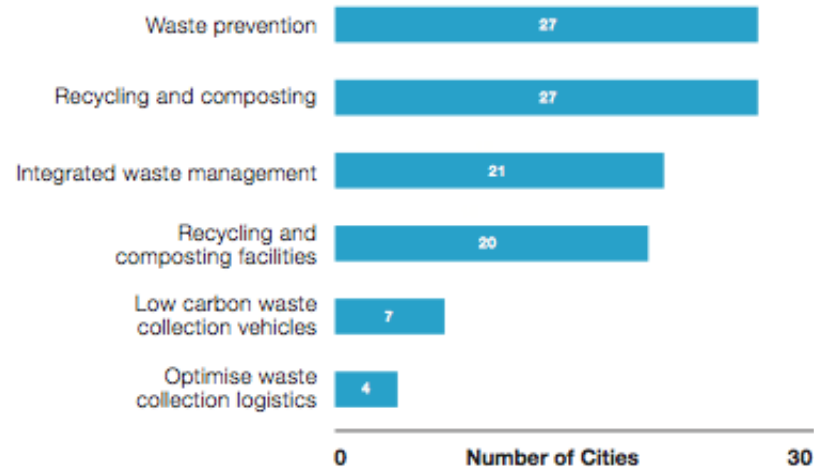
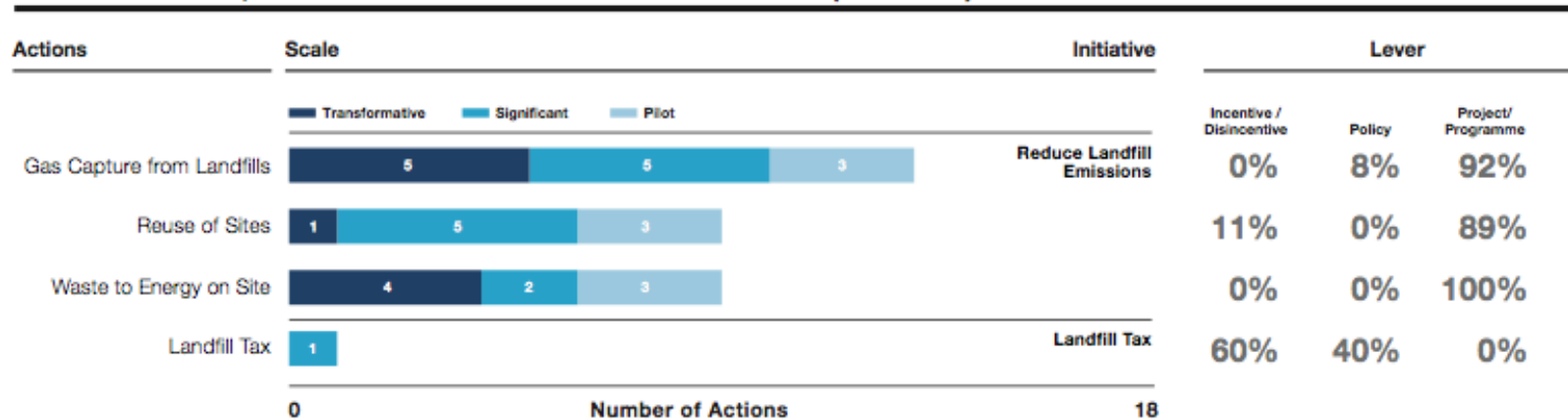


FIG 3.10 HOW MANY CITIES ARE IMPLEMENTING INITIATIVES IN WASTE: NON RESIDENTIAL?



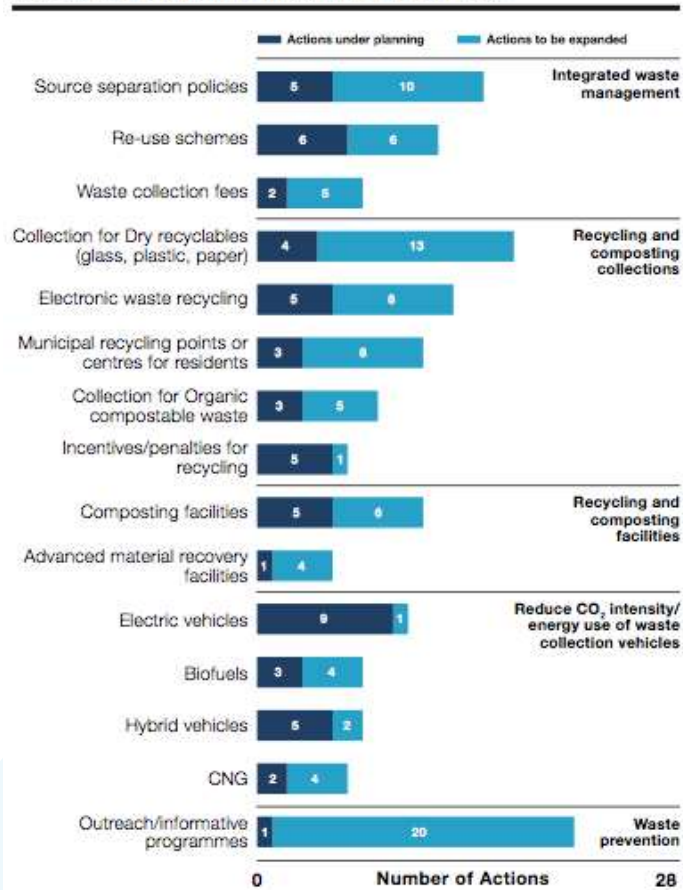
Landfill & LFG Management actions

FIG 3.13 ACTIONS, SCALE AND LEVERS: WASTE MANAGEMENT (LANDFILL)



Planning on action

FIG 3.14 WHAT RESIDENTIAL ACTIONS ARE BEING EXPANDED OR BEING PLANNED BY CITIES?



Cities have considerable additional or new actions planned to reduce emissions from waste.

Plans to extend or introduce outreach programs to reduce the generation of waste stand out as an area where large numbers of actions are planned.

The number of planned new or expanded actions for source separation, and for electronic waste also stand out.

Let's get to work...

Thank you!