

From Waste to Resource: Sustainable Solid Waste Management in a Desert City (Phoenix, AZ)

TAMSIN FOUCRIER

SARITHA RAMAKRISHNA

What is the purpose of this study?

- Identify municipal leaders in:
 - Diversion
 - Contamination
- Provide recommendations to the City of Phoenix as part of the “40% by 2020 Initiative”
- Focus on national, with some research on international
- Cities
 - Similar populations
 - High diversion rates (>50%)



Who are the leaders?



- San Francisco, 80%
- Los Angeles, 76.4%
- San Jose, 71%
- San Diego, 68%
- Seattle, 60%
- Vancouver, 57%
- Toronto, 53.3%

As a comparison, the City of Phoenix's rate is around 18%.

Highlights of Best Practices

- Mandates
- Collaboration with the private sector
- Emerging technologies
- Education and outreach
- Food waste
- Contamination reduction
 - Note on contamination and diversion



THE BIG BLUE BIN!

We've Got Good News!
Here are some new items that now go in your blues:

- All clean plastics numbered ♻️ through ♻️
- Clean Styrofoam™ cups and food containers and Styrofoam™ packing materials
 - NO packing peanuts
- Plastic grocery bags, dry cleaning bags and plastic hangers

Just in case past flyers were missed...
Here is the rest of the Blue Bin list:

- Clean newspapers, junk mail, envelopes, magazines, catalogs, phonebooks, paper bags, cardboard, cereal boxes, frozen food boxes, mixed paper, colored paper, etc.
- Clean empty metal cans (tin, steel, aluminum), aerosol cans, empty paint cans, aluminum (foil and trays), metal hangers
- Clean and empty plastic bottles, jars and lids, plastic pots, dairy tubs (butter, yogurt)
 - NO clothing or textile items
 - NO hoses
- Clean and empty glass bottles and jars
 - NO window glass or ceramics
 - NO batteries
 - NO electronics
 - NO fluorescent lights

CITY OF LOS ANGELES
SANITATION DEPARTMENT OF PUBLIC WORKS

For more information, call (800) 773-2489

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Key Indicators

- Equitable governance
- Environmental control and protection
- Protection of public health and access
- Focus on resource movement and value



Overall Recommendations

1. Continue with public-private partnerships, leverage resources.
2. Provide incentives for commercial entities, investigate PAYT as a commercially applied program
3. City wide educational programs, voluntary outreach
4. Capitalize on the City's pilot organics program
5. Target populations: Multifamily units, especially for contamination