

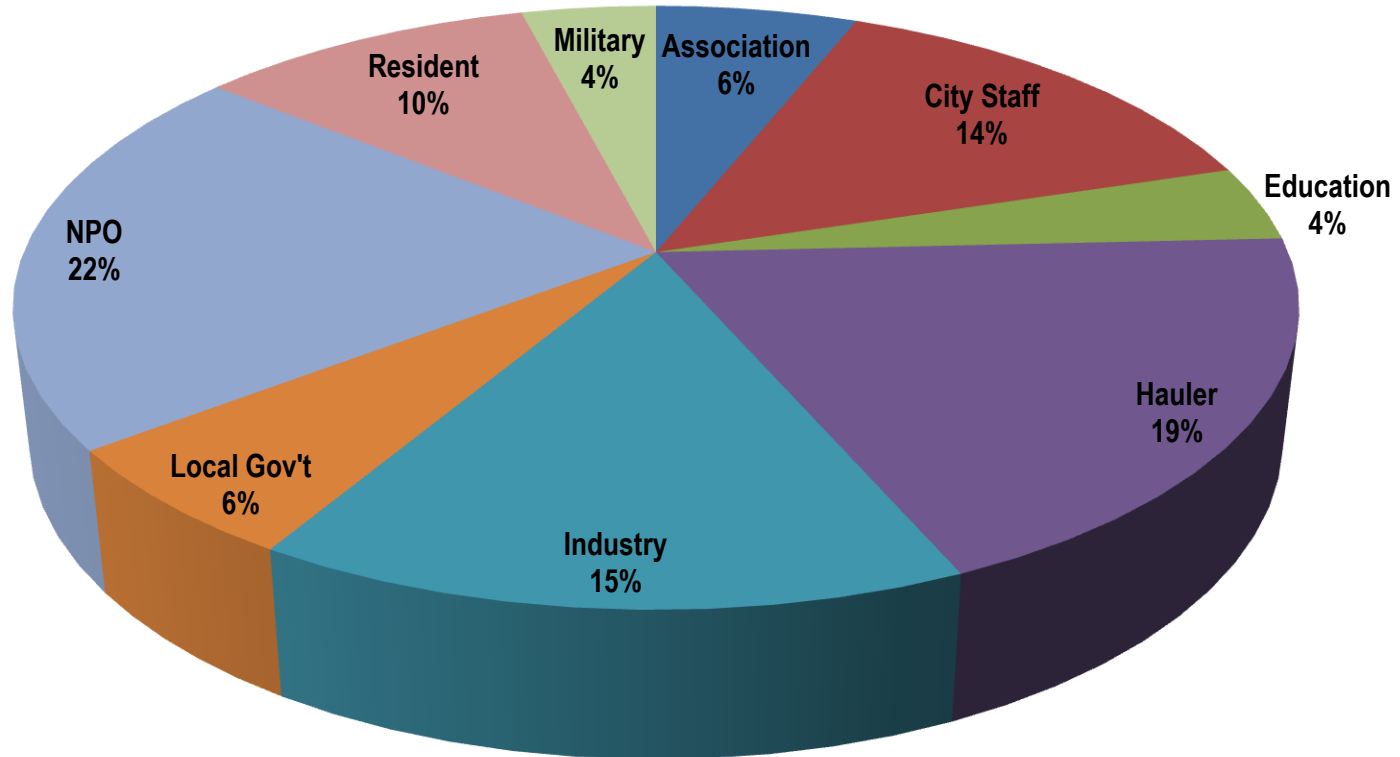
Zero Waste

Stakeholders Meeting

SESSION TWO

August 27, 2014 & August 28, 2014

Stakeholder Session One *(99 attendees total)*



1989

→ AB 939: requires 50% diversion by 2000

2011

→ AB 341: statewide goal of 75% diversion by 2020

2013

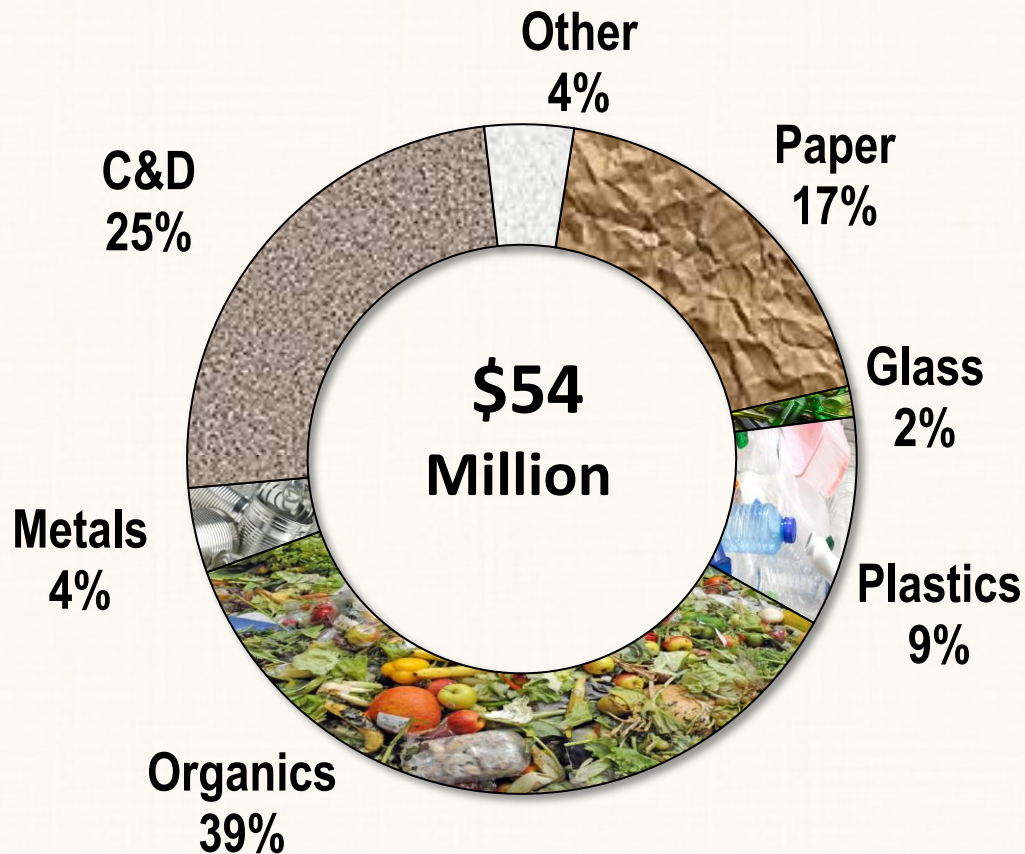
→ San Diego has an overall 67% diversion rate

- Residential Recycling Rate- 23%
- Commercial and Multi-Family- 26%
- City Sites- 27%
- C & D-71%

Zero Waste Objective :

- Adopted by Council 12/16/13
- ESD develop Zero Waste Plan by 12/2014
 - Divert 75% waste by 2020
 - Reach Zero Waste by 2040

OPPORTUNITIES



- 76% of disposed waste is recyclable
- Value \$54M annually
- Organics: 39%
 - Food Waste: 15% (190,000 tons)

Current 5-year Financial Forecast

Refuse Disposal Fund

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
\$1,012,708	\$351,000	(\$2,491,000)	(\$4,852,000)	(\$6,984,000)	(\$9,508,000)

Recycling Fund

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
\$8,195,147	\$5,163,000	\$1,852,000	\$(1,653,000)	\$(5,220,000)	\$(8,240,000)

320,000 Tons of Additional Diversion

Needed to Achieve 75%

- \$7M to \$15M in lost funds annually
 - \$2- \$4M less for General Fund
 - \$4- \$8M less for Disposal Fund
 - \$1- \$3M less for Recycling Fund

PROPOSED STRATEGIES - SUSTAINING FUNDING

Refuse Disposal Fund

- Flow control (FY16) (\$8.3M)
- Discontinue City discounts (FY16-FY18) (\$1.75M)

Recycling Fund

- Transfer Sycamore Franchise Fee from General Fund back to Recycling Fund (FY16-FY20) (\$2.9M)
- Charge for Recycling Containers (FY16)(\$1.2M)
- Change AB939 Fees collected from haulers to % of gross revenues (FY16)

General Fund

- Change Franchise Fees to % of gross revenues (FY16)

ZERO WASTE REQUIRES EVERYONE TO WORK TOGETHER



Private Haulers and Material Processors:
Collecting & Recycling
Multi-Family and
Commercial Discards



Mayor & City Council:
Policy Direction



Non-Profits:
Thrift/Charity Donations,
Reuse & Distribution,
Community Outreach



Businesses:
Green product design,
Reduced packaging,
Waste reduction,
Increased recycling



Environmental Services:
Residential Collection, Landfill
& Greenery, Enforcement,
Education & Outreach,
Planning & Implementation



Consumers:
Product decisions,
Reuse & donate,
Waste reduction,
Increased recycling

PROPOSED ZERO WASTE STRATEGIES

Policies

- Increase diversion levels in C&D Ordinance to 65%
- Add materials and reduce exemptions in CRO
 - *Eliminate 4 cy exemption, add organics*
- Recycling requirements in Franchise Agreements
 - *Increase hauler-controlled recovery rate to 50%+*
- Supporting policies and laws
 - Single-use plastic bag ban (local ordinance if state legislation fails)
 - Packaging and toxics reduction legislation at State/Federal level
 - Product Stewardship/Extended Producer Responsibility
 - Consider local bans on hard-to-handle materials – **legal challenges**
- Zero Waste in Schools
- City Departments Zero Waste scorecard

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

PROPOSED ZERO WASTE STRATEGIES

Waste Reduction & Reuse Programs

- Enhanced education
 - Develop case studies to demonstrate savings from waste reduction
 - Broaden scope of applicants for Waste Reduction Awards to demonstrate opportunities/models
- Allow customers to bring to-go containers to restaurants
 - Consultation with County Environmental Health and the San Diego Restaurant Association.
- Resource Recovery Center

Policies

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PROPOSED ZERO WASTE STRATEGIES

Recycling Programs

- Automated Blue Bin Recycling Collection
 - Weekly collection – not initially feasible due to funding
- Full implementation of public recycling at parks/beaches
 - Consider allowing individuals/non-profit groups to “adopt a container” to help fund capital or ongoing costs
 - Seek corporate sponsorship
- Enhanced education
 - Increase frequency of residential cart/bin checks
 - Citywide recycling competition (e.g. by neighborhood/council district)
 - Enhance education about contamination

Policies

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PROPOSED ZERO WASTE STRATEGIES

Organics Programs

→ Greenery Collection

- Expand to include to make greenery collection available to all city customers
- Automate Greenery Collection
- Add food scraps to Greenery Collection
- Weekly Greenery Collection & Every-Other-Week Garbage

→ Food scraps added to CRO (phased-in)

→ Franchise haulers required to offer organics collection to customers

→ Add greenwaste bins at applicable Parks & Recreation sites

→ Continue discount program for home compost bins

→ Enhanced education

- Technical assistance to businesses implementing composting programs

Policies

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PROPOSED ZERO WASTE STRATEGIES

Special Materials Programs

- Support statewide/federal producer responsibility
 - Plastic film, packaging materials
 - Paint, stains, varnishes
 - Carpet
 - Mattresses, couches, furniture, appliances
 - Electronics, batteries, CFLs, universal waste
 - Sharps, pharmaceuticals, medical waste
 - Motor oil, antifreeze, lubricants, home chemicals
- Enhanced Education

Policies

Reduce & Reuse

Recycle

Organics

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Facilities

Community Partnerships

- Coordinate efforts of non-profits and recycling/re-use businesses to promote:
 - Food exchanges
 - Textile recovery
 - Repair & Reuse

Other Suggestions

- **ESD Staffing exchange program with other cities**
- **Work with local producers/businesses on packaging reduction**
- **Engage behavioral psychologists, etc. to assist in behavior change**
 - Working with a local university on developing a Model Schools program
- **Household battery collection & recycling**
 - A viable program for beyond 75%
- **Replicate RRC on a smaller scale at various locations throughout city**
- **Require all C&D projects to meet recycling requirements**
 - Ordinance was streamlined to remove projects generating minimal waste and improve efficiency of refund process.

Zero Waste

Stakeholders Meeting

We want your input and ideas!

- **Policies**
- **Reduce & Reuse Programs**
- **Recycling Programs**
- **Organics Programs**
- **Special Material Programs**
- **Supporting Facilities**
- **Community Partnerships**
- **Education & Outreach**

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Comments and Questions?

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