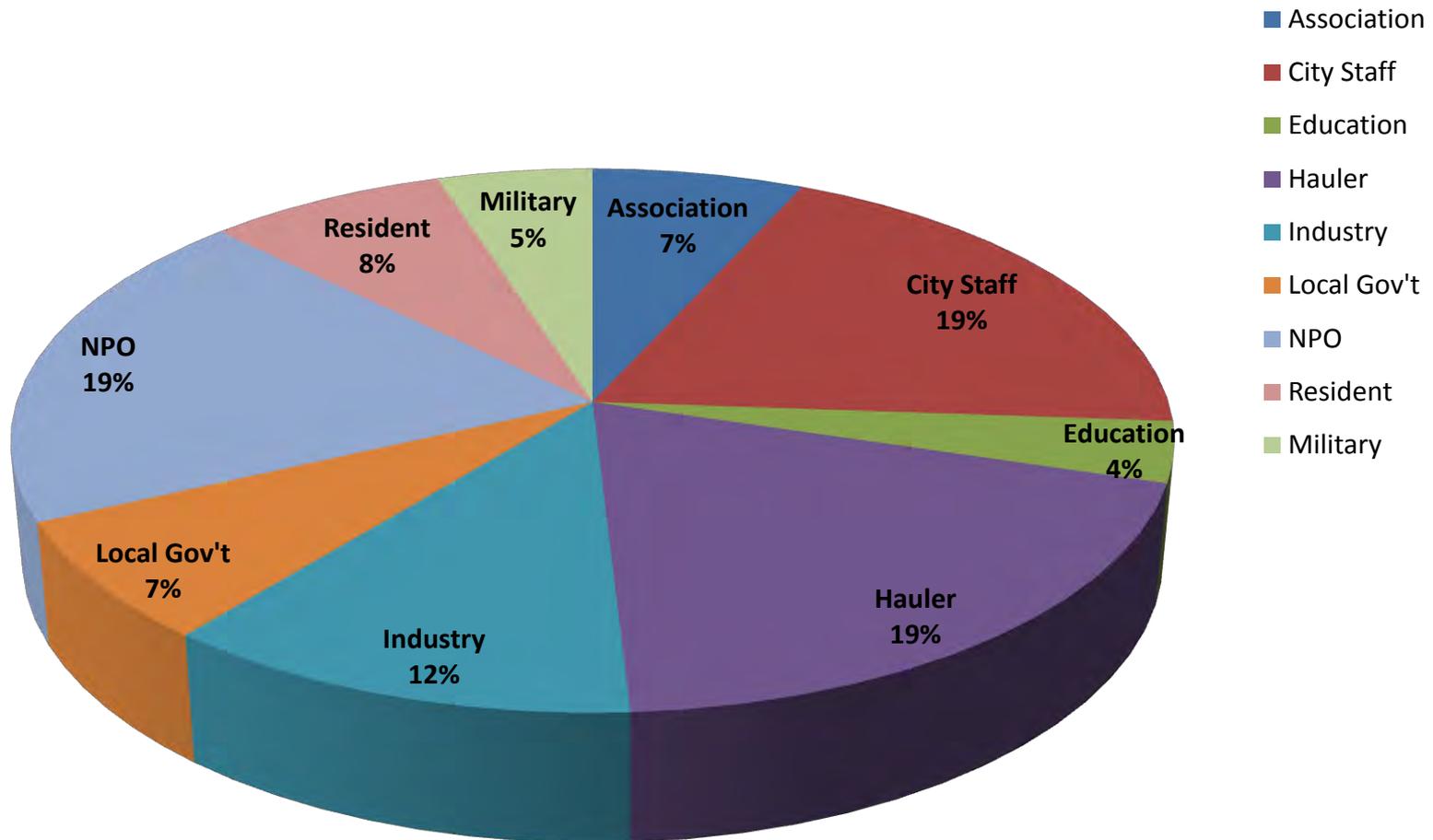


Zero Waste & Financial Plan Stakeholders Meeting

SESSION THREE

September 10 & 11, 2014

STAKEHOLDERS- PARTICIPATION IN SESSIONS 1 & 2 (222 ATTENDEES)



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:

→ Materials still regarded as resources rather than waste after use

- Ties together waste prevention, recycling, composting, other technologies and marketing to minimize disposal
- Focuses on product design, efficient collection/ processing, and marketing
- Requires education, legislation, technology, sustainable markets
- Reflects an approach of continuous improvement towards a goal of zero.

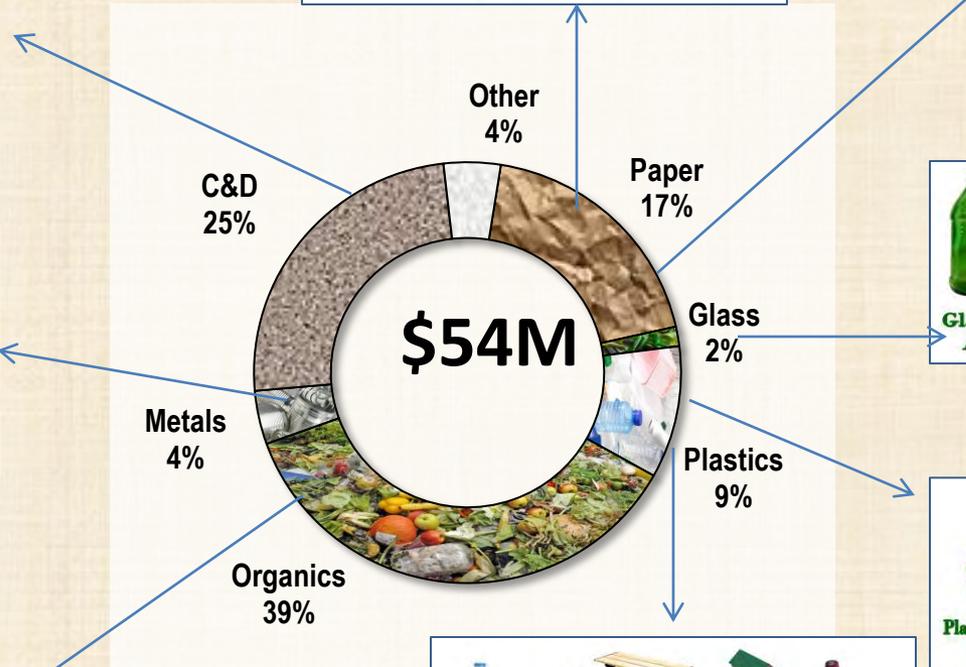
Zero Waste Objective:

→ Adopted by Council 12/16/13

→ ESD develop Zero Waste Plan by 12/2014

- Divert 75% waste by 2020
- Reach “Zero” Waste by 2040

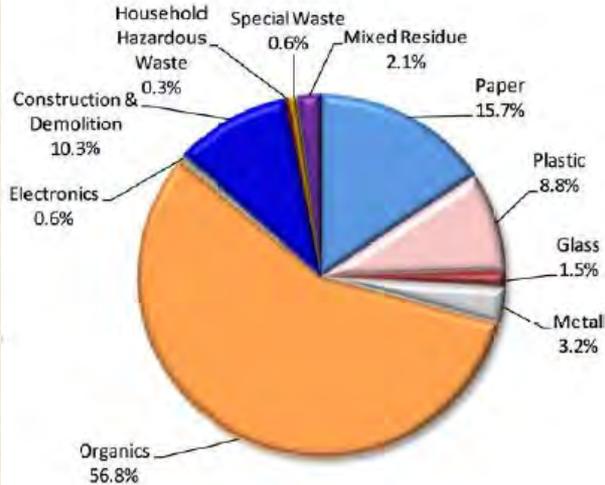
OPPORTUNITIES



BACKGROUND – 2013 WASTE COMPOSITION STUDY RESULTS

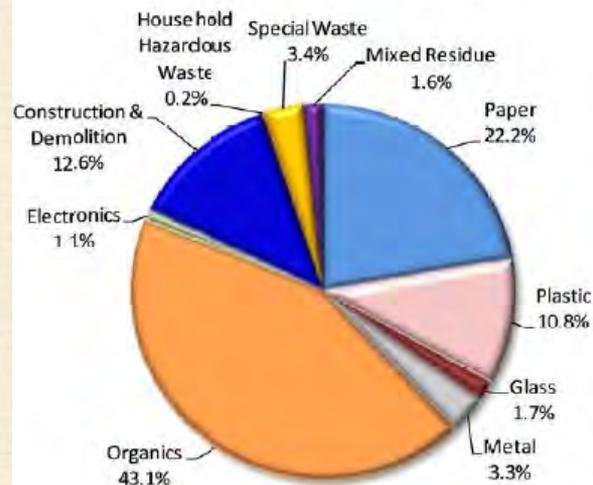
Single Family

Figure 21. Composition by Material Class, City-collected Single Family



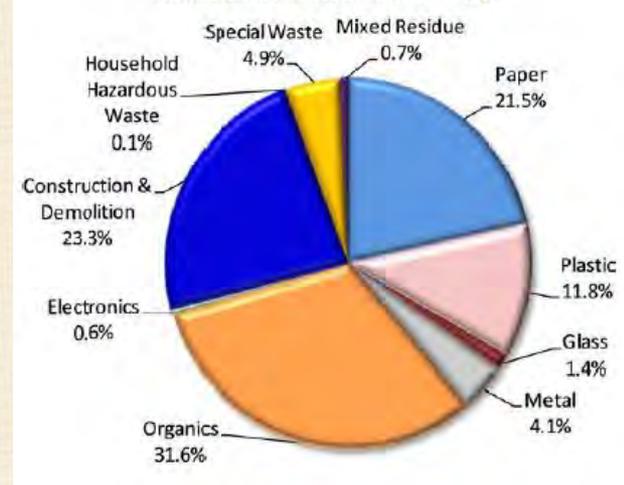
Multifamily

Figure 23. Composition by Material Class, Franchise-collected Multifamily



Commercial

Figure 28. Composition by Material Class, Franchise-collected Commercial



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)

PROPOSED STRATEGIES - SUSTAINING FUNDING

Refuse Disposal Fund

- Flow Control (\$8.3M)
 - Waste Delivery Agreement/Facility alternate (\$TBD)
- 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)
 - Consider rental fee vs. full cost
- Change AB939 Fees (franchise haulers) to total tons collected(FY16)

General Fund

- Change Franchise Fees to total tons collected(FY16)

San Diego County Disposal Association:

→ Support Positions:

- Zero Waste Goals 75% by 2020 and Zero by 2040
- Mandatory diversion requirements in franchises
- Franchise and AB939 fees based on *all* tons collected
- Maintaining existing non-exclusive franchises
- Adding recycling franchises for franchisees and qualified recyclers
- Open market disposal options (e.g. waste delivery agreements)

→ Oppose Positions:

- Flow control
- Bi-weekly SF recycling – should be weekly
- Increasing fees on Com'I/MF to pay for increased SF services

PROPOSED ZERO WASTE STRATEGIES

Reduce and Reuse

- Develop “Zero Waste Star” recognition program
- Reuse at the Resource Recovery Center
- Enhanced reuse/repair resource directory
- Further promote reuse polices
 - Reusable shopping bags and water bottles
- Promote reuse programs
 - Repair workshops
 - Online reuse service
 - Reuse businesses

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

PROPOSED ZERO WASTE STRATEGIES

Recycle

- Bi-weekly Single Family Blue Cart (existing program)
- 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
 - Public space enhanced adoption program
- Enhanced education
 - Increase frequency of residential cart/bin checks
 - Citywide recycling reporting (e.g. by neighborhood/council district)
 - Enhance education about contamination
 - Cost of recycling collection
- City Departments Zero Waste scorecard

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

PROPOSED ZERO WASTE STRATEGIES

Organics

- Bi-weekly Single Family Greenery Collection (\$13M)
 - Expand to include all city customers
 - Automate Greenery Collection
 - Add food scraps to Greenery Collection
 - Keep bi-weekly greenery collection but pilot week greenery collection and every-other-week garbage collection
- Food scraps added to CRO (phased-in)
 - commercial, multi-family, and single family
- Franchise haulers required to offer organics to customers
- Continue discount program for home compost bins
- Food waste hierarchy (reduce, reuse/rescue, compost)

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

PROPOSED ZERO WASTE STRATEGIES

Special Material

- 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

Policies
Reduce & Reuse
Recycle
Organics
Special Material
Facilities
Education

PROPOSED ZERO WASTE STRATEGIES

Facilities

- Resource Recovery Center
 - MMRRRC - 50%-65% diversion of self-haul material (\$8M-\$10M)
 - Regional RRCs & include organics (post 75%)
- Aerated Static Pile System Composting System (\$2.5-\$3M)
 - More food waste
 - Reduced air emissions and vector concerns
- Anaerobic Digestion Facility at Miramar (\$TBD)
 - Private design, build, operated

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

Commercial Sector Potential Fiscal Impacts

- Flow control-potential disposal cost increase
- Fees from tons disposed to ALL tons collected - case by case
- Greenwaste/organics added to CRO may increase costs
- Currently exempt customers will see some net increase in service costs to add recycling
- Require recycling in franchise hauler agreements
 - Infrastructure costs pass through to generator

Commercial Sector Diversion Impacts

- Food waste and greenwaste will be added to CRO
- Exemption removals
- C&D increase rate to 65%
- Increased education/enforcement

IMPACT OF PROPOSED ZERO WASTE STRATEGIES

Multifamily Sector Potential Fiscal Impacts

- Flow control-potential disposal cost increase
- Fees from tons disposed to ALL tons collected - case by case
- Currently exempt customers may see increase in costs
- Greenwaste/organics added to CRO may increase costs
- Require recycling in franchise hauler agreements
 - Infrastructure costs pass through to generator

Multifamily Sector Diversion Impacts

- Food waste and greenwaste will be added to CRO
- Exemption removals
- C&D increase rate to 65%
- Increased education and enforcement

IMPACT OF PROPOSED ZERO WASTE STRATEGIES

Single Family Households Potential Fiscal Impacts

- Cost for recycling cart replacement and/or additional cart
- Potential for fines for non-compliance

Single Family Households Diversion Impacts

- Food waste will be added to CRO
- Increased education and enforcement

City Departments Potential Fiscal Impacts

- Flow control-potential disposal cost increase
- Currently exempt customers will see some net increase in service costs to add recycling

City Departments Diversion Impacts

- Leadership in annual diversion
 - Department annual report cards
- Increased education and enforcement

Haulers Potential Fiscal Impacts

- Flow control-potential disposal cost increase
- Change to all tons collected
- Increased services to currently exempt customers
- Franchise agreements tied to diversion performance

Haulers Diversion Impacts

- Food waste will be added to CRO
- Exemption removals
- C&D increase rate to 65%
- Increased education and enforcement
- Franchises for collection of recyclable waste
- Diversion requirements in franchise agreements

General Fund Potential Fiscal Impacts

- ➔ Loss of franchise fee from Sycamore (\$2.9M)
- ➔ Loss of disposal discount from Miramar (\$1.75M)
- ➔ Potential decrease in cost as SF recycling increases

Non-franchised Recyclers Potential Fiscal Impacts

→ Further evaluation needed to determine if enforcement or franchising is necessary

Non-franchised Recyclers Diversion Impacts

→ Increased business potential

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Zero Waste

Stakeholders Meeting

Comments and Questions?

Email us at:

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