

What is Government Doing? Municipal Waste Reduction



Bay Area League Day 2011

January 29, 2011

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Integrated Waste Management
City of San José

Zero Waste

What Can a City Do?

Local

- Improve Commercial Recycling

Regional

- Build Recycling Infrastructure

State-wide

- Drive smart policy



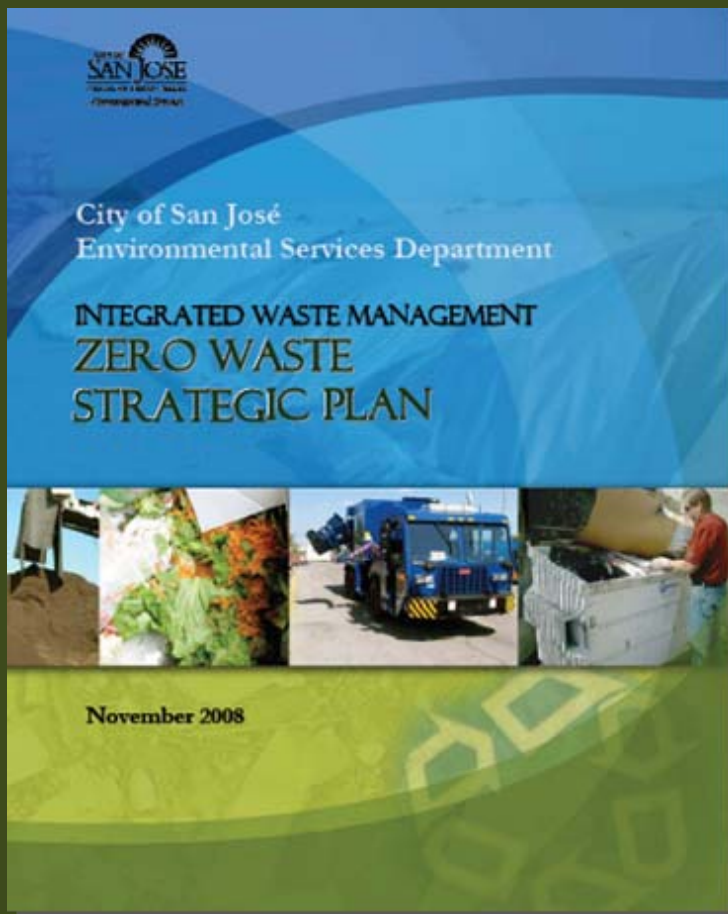
San José Green Vision

Achieve these GOALS by 2022:



- 25,000 new **Clean Tech jobs**
- **Reduce** per capita **energy use** by 50%
- 100% **renewable** electricity
- Retrofit 50 million ft² **green buildings**
- **Zero Waste** to landfill
- 100% **beneficial reuse** of wastewater
- **Sustainability** in General Plan
- 100% **alternative fuel** fleet
- 100,000 **new trees** planted
- 100 miles of **interconnected trails**

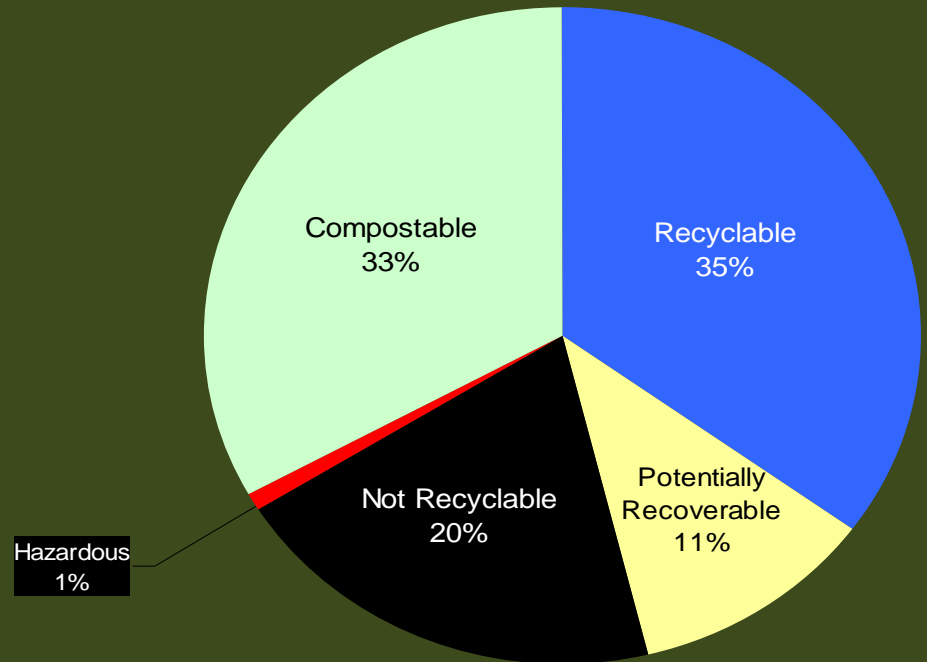
Zero Waste Strategic Plan



Commercial Recycling

What's in the Trash?

79% of disposed commercial garbage is potentially recyclable or compostable



Commercial Recycling Current System



- 20+ Haulers
- Little Hauler Infrastructure
- Few available recycling services

- 10,000 Businesses
- 32% of City Waste
- Limited Recycling Services



Commercial Recycling System Goals

- Drive Green Vision
- Better Service & Equitable Rates
- Innovation
- Economic Development
- Reduce Carbon Footprint of Collection System



Commercial Recycling Collection Proposals

Collection Options

- 2 Container (Wet, Dry)
- 3 Container (Blue, Grey, Green)
- Alternative(s)



Regional Infrastructure Existing Facilities

- 2 Large Scale Composting Facilities
- 1 MSW Processing Facility
- 3 Single-Stream MRFs
- 7 C&D Processing Facilities
- 3 Landfills



Regional Infrastructure Organics to Energy Plan

Strategies

- Identify Feedstock
- Assess AD for Food & FOG
- Analyze Gasification/Develop Research & Incubation Center





Regional Infrastructure Conversion Initiatives

Anaerobic Digestion

- Public/Private Partnership
- New to USA Technology
- Lease shares risk



Regional Infrastructure Gasification Feasibility

- Demonstration Partnership Policy
- Grant Funding Partnership
- Two Phase Process



Policymaking Single-Use Bag Ordinance



Policymaking Regional Effort for Outreach



San José Retailers & Residents



Municipal Water Permit



Recycling Commission

Policymaking Action in California



November 2010
Los Angeles County
City of Sunnyvale

December 2010
City of Long Beach

January 25, 2011
City of Santa Monica

Policymaking Green Cities CA Press Event



State Capitol, November 29, 2010

Policymaking Media Events & Partners



California Waste Solutions



Mi Pueblo Food Center



PW Markets

Next Steps

Commercial Recommendation

– Late March 2011

AD Lease / Initial Study

– Spring 2011

Gasification Feasibility

– 1/2012

Bag Ordinance

– 1/2012



Bay Area Schools



ENVIRONMENTAL CONFERENCE

for Teachers, Parents, School Administrators
& Interested Community Members!



SATURDAY, APRIL 30, 2011

7:30 a.m. - 5:00 p.m.

Mexican Heritage Plaza, San Jose



For details, visit www.sanjoseca.gov/esd/schools



Thank You!

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