

# 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



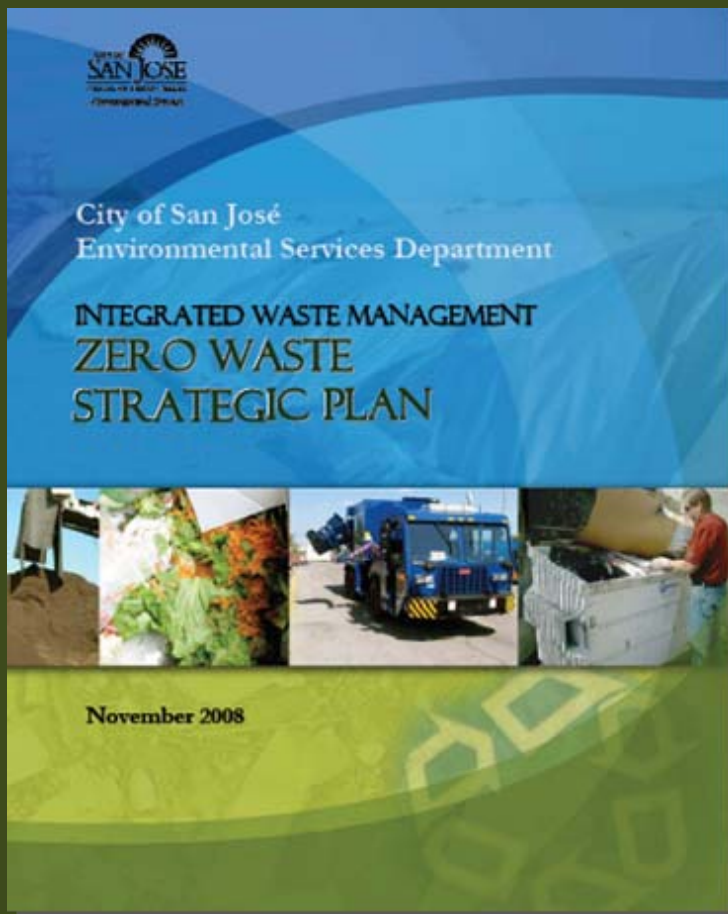
# San José Green Vision

Achieve these GOALS by 2022:



- 25,000 new **Clean Tech jobs**
- **Reduce** per capita **energy use** by 50%
- 100% **renewable** electricity
- Retrofit 50 million ft<sup>2</sup> **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**

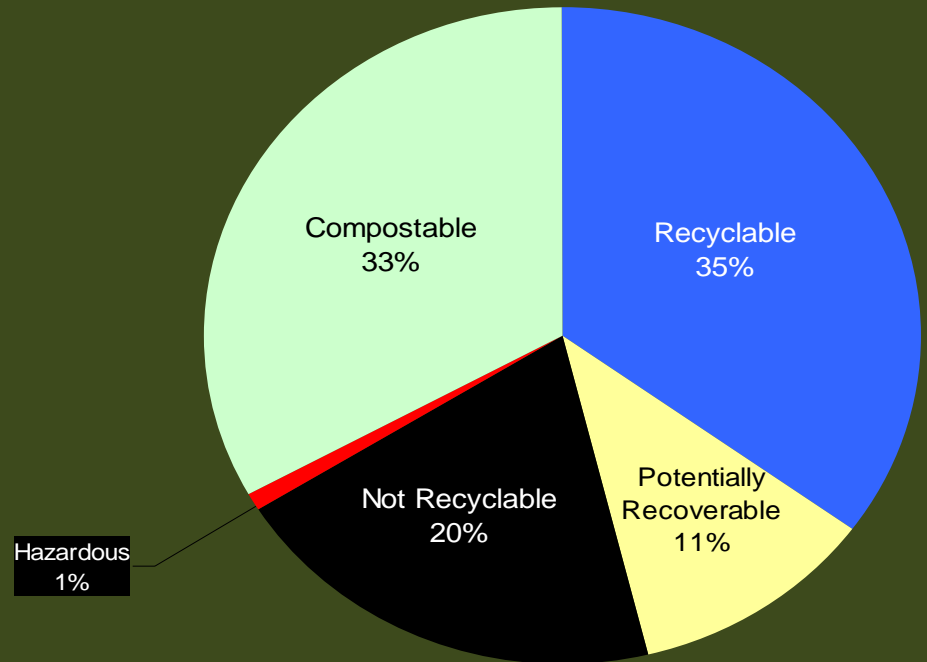
# Zero Waste Strategic Plan



# 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](http://www.sanjoseca.gov/esd/schools)



**Thank You!**

**Jo Zientek**  
**Integrated Waste Management**  
**City of San José, California**