

Zero Waste

San Jose Positioned for National Leadership

Transportation and Environment Committee

October 1, 2007

San Jose's Zero Waste Goal

- 75% Waste Diversion by 2013
- Zero Waste by 2022

San Jose will remain in forefront of
National Environmental Stewardship

Zero Waste Strategies

- Waste Reduction Improvements
- Expand to More Customers
- Organics Diversion
- New Facilities
- New Technology



Widespread Adoption

- San Francisco
- Los Angeles
- Oakland
- Hewlett Packard
- Safeway-Vons
- Apple Computer



Benefits

- ✓ Maximum Resource Recovery
- ✓ Environmental Protection

New Focus

- ✓ Economic Development
- ✓ Greenhouse Gas Reductions
- ✓ Renewable Energy

Economic Development

- San Jose as Center for Green Industry
- Materials Recovery is a Major Employer
- Recycling Creates 10 times More Jobs than Landfilling

Renewable Energy Options



- Assess feasibility of:
 - Digestion of food waste, fats, oils and grease
 - Wood waste gasification
 - Recovery of restaurant waste for alternative fuels
 - Emerging technologies

Timeline Considerations

- Planning Integration
 - General Plan 2040
 - Land Use Evaluation
 - Treatment Plant Master Plan
 - Urban Accords
- Commercial System Redesign
- Recycle Plus Redesign
- Landfill Closure Projections



San Jose Positioned for Success

- Model Programs
- Existing Facilities
- Environmental Policies
- Planning Alignment
- Regional Collaboration



San Jose's Green Vision

- Clean Technology Innovation
 - Job creation
 - Economic Growth
- 100% Diversion
- Biomass Energy Options
 - Powering municipal operations
 - Return energy to the grid

Next Steps

- Program Improvements
- Waste Characterization Studies
- IWM Master Plan Development
- Report to Committee
by December 2008

