



## 2014 Annual Report and 2015 Work Plan

- Overview
- Progress Report
- Awards and Accolades
- 2014 Accomplishments
- 2015 Work Plan  
Priorities





Economic Vitality  
Environmental Stewardship  
Enhanced Quality of Life

<b>Green Vision Goal</b>	<b>2007 Baseline</b>	<b>2014 Status</b>	<b>2022 Target</b>
1) Clean Tech Jobs	6,021	<b>12,008</b>	25,000
2) Per Capita Energy Use Reduction (%)*	0	<b>4</b>	50
3) Electricity from Renewable Energy (%)*	13	<b>24</b>	100
4) Green Buildings (million square feet)	1	<b>9.3</b>	50
5) Trash Diverted from Landfills (%)	63	<b>73</b>	100
6) Average Daily Use of Recycled Water (Million Gallons Per Day)	10.2	<b>14.1</b>	40
7) Transportation Mode Shift (%)*	22	<b>24</b>	36
8) Alternate Fuel Vehicles in Public Fleet (%)	36	<b>41</b>	100
9) Net New Trees	0	<b>12,289</b>	100,000
9) Smart Streetlights	0	<b>5,530</b>	62,000
10) Interconnected Trails (miles)	39.1	<b>56.8</b>	100

- More than **12,008 cleantech jobs** in San José have been developed to date
- Since 2007 **\$47.2 billion dollars** of venture capital has been invested



- Delivered **850 energy efficiency projects** reducing energy use by over **11.5 million kWh**
- **9,055 solar PV systems** with a total capacity of **80.8 MW** have been installed throughout the San José community
- **PACE Programs** formally launched in May 2014





- **73 percent overall** diversion rate and a **90 percent diversion rate in City facilities**
- The **world's largest** dry fermentation anaerobic digestion facility, converting commercial organic waste into over **10,000 tons** of compost, became fully operational
- The Silicon Valley Advanced Water Purification Center was officially commissioned March 2014 and provides up to **8-10 MGD** of treated water for non potable uses in the region



- By December 2014, **Zipcar's fleet** had grown from 12 to **58 vehicles**
- **19,562** Bike Share trips
- **41 percent** of the City's vehicle fleet runs on **alternative fuel**, with a total of **1017 alternative fuel vehicles**







- Planted **1,749 new trees**, bringing the total to **12,289**
- **5,530** smart LED streetlights as of calendar year 2014
- **56.8 miles** of trails and **240 miles** of on-street bikeways to date

- Energy Efficiency & Businesses
- Solar Permitting
- Environmental Innovation Center Partnerships



- Recycled Water Master Planning
- Alternative Fuel Vehicles
- LED Streetlights
- Trails and Bikeways



- State Cap-and-Trade
- Regulatory Agencies
- Regional Partners



- Energy Service Contract
- Property Assessed Clean Energy
- Federal, State, and Regional Grants
- Partnerships





OPTERRA  
ENERGY SERVICES





- Work with PG&E to encourage community and business participation in energy efficiency efforts



- Support ProspectSV's goal to become the leading technology innovation and commercialization accelerator



- Outreach campaign with San José Earthquakes to promote large item recycling, litter, HHW, and used motor oil programs

Silicon Valley Energy Watch

Green Vision website

GV Resource Team

City Green Team

Special Events

Public Venues





## Recommendations:

1. Approve the 2014 Green Vision Annual Report and 2015 Work Plan priorities and implementation framework.

