

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



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



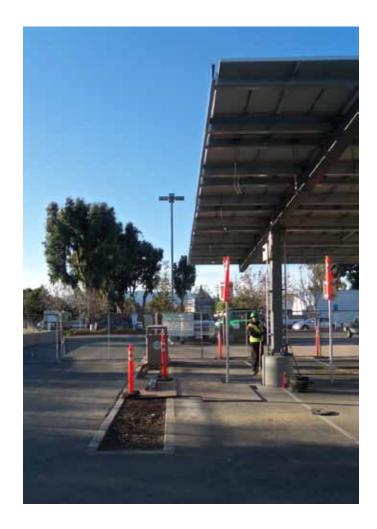


- State Cap-and-Trade
- Regulatory Agencies
- Regional Partners





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







PARTNER TO CLEAN TECH INNOVATORS



CALIFORNIA INNOVATION HUB











OPTERRA

ENERGY SERVICES









zerowaste

energy development company









PARTNER TO CLEAN TECH INNOVATORS



- 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:

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



