





Innovative Economy
 San Jose's economy thrives on innovation, providing job opportunities for all and ample fiscal resources for a vibrant community.

Environmental Leadership
 San Jose is a model of an environmentally sustainable and healthy city, a leader in green technology and a vigilant steward of its resources for present and future generations.

Diversity and Social Equity
 San Jose celebrates, embraces and involves a diverse blend of cultures and achieves social, cultural and economic equity.

San Jose embodies the energy and vitality of its unique human, natural and economic resources.

Interconnected City
 The activities of daily life are in close proximity and easily accessible by walking, bicycling and public transit.

Healthy Neighborhoods
 San Jose's neighborhoods are attractive, affordable, and safe places to live with engaged community members.

Quality Education and Services
 San Jose residents and businesses receive a broad range of high quality services and enjoy excellent educational opportunities for all.

Vibrant Arts and Culture
 San Jose is a vibrant center for multi-faceted arts and cultural programs, celebrating its heritage and inspiring the creative energy of the community and a rich quality of life.

ENVISION SAN JOSE 2040



Joint Policy Committee

Association of Bay Area Governments
 Bay Area Air Quality Management District
 Bay Conservation and Development Commission
 Metropolitan Transportation Commission

California Climate Action Registry
 Silicon Valley "Clean & Green" Energy Action Plan
 Silicon Valley Leadership Group

San José State UNIVERSITY
Joint Venture
 SILICON VALLEY NETWORK

Pacific Gas and Electric Company®
 Climate Smart Program

Air Resources Board

Green Challenge
 Volunteer Center
 Family Volunteer Day

ICLEI Global
 I.C.L.E.I. Local Governments for Sustainability

League of California Cities
 2007 Annual Conference
 Cities Shaping California's Future
 September 5 - 8, 2007
 Sacramento Convention Center

Guadalupe Group
 SIERRA CLUB
coolcities
 Solving Global Warming One City at a Time

SUSTAINABLE SILICON VALLEY

SAN JOSE'S GREEN VISION





Clean Technology: Business & Workforce Initiatives

SAN JOSE'S GREEN VISION





City of San Jose, California

DOE Solar America Initiative: Solar Cities & Showcases

Transforming Markets and Creating Demand

- Codes and Standards:** Solar America Board of Codes and Standards (SABCS), National Association of Building Officials (NABO), National Association of State Building Officials (NASBO), National Conference of State Legislatures (NCSL)
- Other Technical Networks:** Clean Energy Group (CEG), National Association of Regulatory Utility Commissioners (NARUC), National Conference of State Legislatures (NCSL)
- Solar America Cities:** San Jose (CA), Austin (TX), Berkeley (CA), Boston (MA), Madison (WI), New Orleans (LA)
- Solar America Showcases:** City of San Jose (CA), Forest City Military Communities (IL), Chicago County Convention Center (IL)
- PV Capacity Credit:** Solar University of New York (NY), Tucson Electric Power (AZ)

Developing Products and Building Supply

- Technology Pathway Partnerships:** Altek (CA), Boeing (CA), EP Solar (AZ), Ener Chemical (IL), General Electric (DE)
- PV Module Manufacturer:** Altek Solar (CA), Blue Solar Energy (MO), Canadian Solar (CA), Enphase Energy (CA), Nicore (CA)



- **Goal 2: 50% per capita reduction in energy use**
- **Goal 3: 100% of electricity from renewables**

Energy efficiency achieved since 2001

SAN JOSE'S GREEN VISION



- 20%+ Reduction
- \$30M - Avoided energy expenditures
- 255,000 tons CO² removed = 46,600 cars



City Facilities & Processes

SAN JOSE'S GREEN VISION



Energy-saving settings



Almaden Community Center



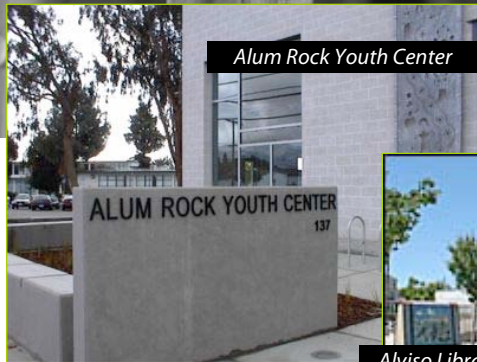
Fair Swim Center

Community Development Block Grants

SAN JOSE'S GREEN VISION



- 3 fire stations
- 6 community/youth centers
- Alviso Library



Alum Rock Youth Center



Fire Station #1



Alviso Library

Low Income Solar Opportunities

SAN JOSE'S GREEN VISION



California Solar Initiative



- **Multifamily Low-Income Incentive Program**
- **Single-Family Low-Income Incentive Program**



San José - PG&E Local Government Partnership

Silicon Valley Energy Watch Program



Education & Outreach



Business



Municipal



Residential

2004-05:
*Outreach and "Hard to Reach" Small
Business Direct Install Programs, Municipal
Programs*



2006-08:
*Education, Professional Workshops and
Marketing on PG&E Programs*



2009-11:
*Integrated and Comprehensive Education,
Rebates and Direct Install Programs*



**Community
Initiatives**

Getting more energy from solid waste

SAN JOSE'S GREEN VISION



Accomplishes Green Vision Goals #3 & 5:

100% of electricity from renewables

Divert 100% from landfill and convert waste to energy


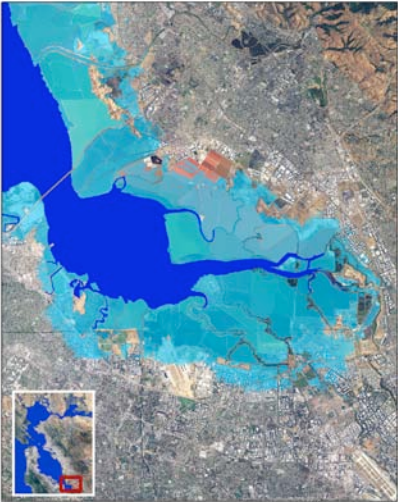
SAN JOSE'S GREEN VISION



**Renewable Energy
Generation Initiatives**

SAN JOSE'S GREEN VISION

**San Francisco Bay Scenarios for Sea Level Rise
South Bay**



**Linkages to Climate
Change Initiatives**

SAN JOSE'S GREEN VISION

