



Alameda County

SUSTAINABILITY

Local Action, Global Impact.

2010



Saving Taxpayer Dollars

Energy Efficiency Retrofits	\$ 6,000,000/yr
Onsite Renewable/Ultra Clean Power Generation	\$ 500,000/yr
125 Gas/Electric Hybrids	\$ 157,000/yr
Composting of Landscaping & Jail Food Waste	\$ 65,000/yr
Office Equipment & Furniture Reuse (16,000 items)	\$ 84,000/yr

Generating Revenue

Used Equipment & Furniture Sales	\$ 135,000/yr
Paper & Metals Recycling	\$ 65,000/yr

Receiving Energy Incentives

Energy Incentives & Grants	\$ 24,000,000 to date
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Note: Numbers are estimates and subject to change based on fluctuations in energy costs, gas prices, and recycling prices.

For more information contact:
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Action, Leadership, and Partnership for Sustainability

Alameda County wants to preserve our world for future generations, and we also care about the generation right now. We're committed to doing our part to create a healthy, naturally beautiful place to live and work through taking direct action, providing leadership, and building partnerships. County sustainable actions include:

CLIMATE PROTECTION

- Developed a Climate Action Plan for County operations and unincorporated communities
- Held a County-Cities Climate Forum with all 14 cities within Alameda County participating

CLEAN ENERGY & ENERGY EFFICIENCY

- Saving taxpayers \$6.5 million/yr through 3.3 megawatts of solar, a one-megawatt natural-gas fuel cell cogeneration plant, and energy efficiency retrofits
- Incorporating energy conservation into County housing rehabilitation projects

CREEK RESTORATIONS

- Restoring wetlands and urban creeks, such as Castro Valley & Peralta Creeks

GREEN BUILDING

- Creating healthy buildings, including the USGBC LEED® Gold-rated Juvenile Justice Center and the Castro Valley Library (LEED Silver anticipated)
- Adopted green building ordinances for private and residential development as well as County facilities
- Provided allergen reduction and energy efficiency for asthmatic children as part of Healthy Homes Project

GREEN PURCHASING

- Purchasing \$20 million+ in goods with environmental specifications, such as computers, paper & furniture

REDUCE, REUSE, RECYCLE

- Saving taxpayers \$84,000/yr through recycling and reuse at County facilities

TRANSPORTATION

- Promoting and increasing the safety of walking and biking by installing traffic calming measures, bike lanes, new sidewalks, trails, and street lighting
- County fleet includes 140+ hybrid and electric vehicles

WATER CONSERVATION

- Installing water-efficient fixtures indoors and water-wise landscaping outdoors at County facilities



Solar panels provide renewable energy at County buildings.



At the Alameda County & Cities Climate Forum, elected officials and staff planned strategic action on climate change.

About the County:

Alameda County's rich diversity in landscape, culture, industry, and ethnicities is one of its key features. Stretching from San Francisco Bay in the west to the hills and fertile wine country in the east, Alameda County's 738 square miles are home to more than 1.5 million people who live in urban centers (such as Oakland and Berkeley), smaller cities, suburbs, and rural communities.



Alameda County & Cities Climate Collaboration



Goals

- Ensure **climate plans work together** regionally
- **Leverage limited resources**; reduce duplication of effort
- Reach citizens with a **consistent message**
- Achieve a **stronger voice** at the state and federal levels to secure resources



Structure

- **Executive leadership** team ensures regional partnership
- **Work group champions** provide vision to group
- **Work group chairs** oversee projects in land use, energy efficiency, transportation, public outreach, waste reduction



Projects Underway

- Countywide energy-efficiency financing & retrofits program
- Forum to implement countywide transportation programs
- Land use coordination among planning staff on SB 375 Sustainable Communities Strategy

Partners

- County of Alameda
- Alameda County Conference of Mayors
- Alameda County City Managers Association
- StopWaste.Org
- Alameda, Albany, Berkeley, Dublin, Emeryville, Fremont, Hayward, Livermore, Newark, Oakland, Piedmont, Pleasanton, San Leandro, Union City
- Regional agencies

Key Dates

- 2016 Summit
December 4, 2006
Collaboration launched
- Climate Forum
January 23, 2009
Work groups launched

FOR MORE INFORMATION

www.acclimateaction.org

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Climate Protection Leadership

Alameda County's Board of Supervisors provides strong leadership in protecting the climate in order to protect the quality of life for our residents. The County has committed to reducing greenhouse gas emissions 80% by 2050 and has already taken numerous climate protection actions. A cross-agency executive team led the County in creating a comprehensive Climate Action Plan for reducing emissions from government services and operations as well as in our unincorporated communities. Recognizing that it will take all of us working together to address climate change, the County actively builds climate partnerships with other agencies, businesses, and residents.

AT A GLANCE

Key Actions:

- 3.3 megawatts of solar at County facilities
- Large-scale habitat restoration project to help prepare for sea-level rise
- Strategic land use and transportation planning

Partnerships: Engaging all 14 cities within the County in regionally coordinated climate action

Leadership: Helped launch national Cool Counties initiative (2007); passed Climate Leadership Resolution (2006)



Solar power reduces the County's emissions.



Protecting our climate improves quality of life.



We all have a role in addressing climate change.

CHALLENGES

- Climate change will impact our community's quality of life
- Energy use in buildings and transportation are the largest sources of County greenhouse gas emissions
- Government, businesses, and individuals will all need to take action

SOLUTIONS

- Strong leadership and visionary policies prioritize climate protection
- Planning for sustainable land use and transportation; restoring ecosystems; energy efficiency and solar at County buildings
- Partnerships with businesses, other agencies, and the community

BENEFITS

- Protecting quality of life by protecting our climate
- Saving taxpayer dollars through projects such as energy efficiency and clean energy (saves about \$6.5 million annually)
- Collaborative, strategic action on region-wide issues

www.acsustain.org

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Castro Valley Library: An Innovative Green Building

Modern libraries provide not only books, but also public access to the Internet, community gathering spaces, and educational opportunities for youth and adults alike. The new Castro Valley Library, opened in October 2009, provides all of this in a green facility that is well on its way to achieving the U.S. Green Building Council LEED® Silver rating.



Photo: Sibila Savage 2009

The Library conserves resources through water and energy efficiency.

Natural light provides a pleasant reading environment while saving electricity.



Photo: Sibila Savage 2009

Partnering with the Community

A new library has long been the dream of many community members, who formed the Castro Valley Library Advisory Committee in 1990. The County worked closely with this committee to help the community realize this dream.

An Innovative Green Building

In designing and constructing the Library, the County wanted to provide the healthiest and most comfortable indoor environment possible while reducing the building's impact on the global environment. The high-efficiency building also saves taxpayer dollars by saving water, saving energy and reducing waste.

About the New Library

- Serves 57,000 Castro Valley residents
- Provides a variety of learning and community gathering spaces
- 34,537-square-foot facility provides ample space for growing book and multimedia collection
- State-of-the-art facility includes a labor-saving machine that automatically sorts returned books, significantly increasing efficiency
- Raised floor with access provides flexibility to upgrade technology in the future
- Alameda County secured a \$13.9 million grant from a state library bond to fund the project

CHALLENGES

- Providing space for a growing library collection plus multiple learning and gathering spaces
- Meeting tight schedule while delivering a resource-efficient and cost-effective building
- Meeting County's green building commitment

SOLUTIONS

- Provides reading areas, meeting rooms, cafe, outdoor amphitheater
- Completed on time and on budget: \$22.3 million and 16 months
- Designed to meet or exceed USGBC LEED® Silver

BENEFITS

- Enhances community and learning experiences
- Saves taxpayer dollars through energy and water efficiency
- Reduces greenhouse gases and preserves natural resources for future generations

The Library's Green Features

Learning experiences at the Library are enhanced by the innovative features of this green building:

SAVING ENERGY

- Natural light and energy-efficient lighting reduce electricity use and save taxpayer dollars
- Energy-efficiency measures save about 25% more energy than required by California's strict energy efficiency standards
- Raised floor provides underfloor air circulation, maximizing heating and cooling efficiency

SAVING WATER

- **Outdoors:** Bay-Friendly Landscaping with smart irrigation and drought-tolerant plants saves about 50% over conventional landscaping
- **Indoors:** Water efficient plumbing fixtures save more than 40%

REDUCING WASTE

- More than 75% of construction debris was recycled

SUSTAINABLE TRANSPORTATION

- Located just two blocks from a Bay Area Rapid Transit (BART) station
- Convenient, covered bike racks
- Preferred parking for fuel-efficient vehicles, carpools, and vanpools

BUYING GREEN

- To provide healthy indoor air for children and adults, the County purchased paints, carpets, and furniture designed to minimize the release of harmful chemicals into the air
- Recycled-content building materials included steel framing, ceiling tiles, and concrete

GREEN CLEANING

- To maintain a healthy indoor environment for library users and employees, janitors use green

- cleaners and microfiber cloths, which trap dust
- Entryway mats reduce tracked-in dirt and pollutants



Pedestrian bridge over newly restored Castro Valley Creek.

A CREEK SEES DAYLIGHT

Castro Valley Creek runs adjacent to the Castro Valley Library. In fact, the library building was designed to reflect the curve of the creek. Not long ago, the creek was partially buried in a concrete culvert. The County is restoring the creek to a sunlit meandering stream lined with trees and plants. The creek improvements will help control flooding and create wildlife habitat.

Residents can stroll along the creek or cross the new pedestrian bridge made from a converted railroad flat car that connects the library to the community. Children can learn about nature and science at a creek-side amphitheater.

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Green Jobs and the Juvenile Justice Center

In building the Juvenile Justice Center (JJC), Alameda County found innovative ways to create jobs for small, local businesses and youth that exposed them to the latest in green building techniques. The JJC's design allows at-risk youth to receive integrated health, educational, legal, and correctional services in a healing environment with natural light, fresh air, and inspiring art. The \$140 million, 376,000 square-foot U.S. Green Building Council LEED® Gold-rated facility also cares for the youth's future by conserving water and energy resources, protecting our climate, and saving taxpayer dollars.



Photo credit: John Swain

The JJC conserves resources through water and energy efficiency.

The project created green jobs for local small businesses.



Green Jobs Training for At-Risk Youth

Seventy-five youth participated in a series of 12-week internships that provided hands-on experience with green building architecture, engineering, and construction. Three program graduates were hired to work full time on the Juvenile Justice Center, one to help with project oversight and two as field and office engineers.

Contracts with Small and Local Businesses

Small contractors face challenges in competing for larger construction contracts because they lack the resources, capacity, and networking opportunities of larger firms. Innovative programs enabled greater participation and provided smaller firms with on-the-job experience in the latest green building principles and practices.

CHALLENGES

- Desire to create job training for at-risk youth
- Ambitious County goals for hiring small, local businesses
- Small contractors challenged in securing adequate bonding and competing for contracts

SOLUTIONS

- Youth internships in architecture, engineering, and construction
- Mentor-Protégé Program for small and local construction firms
- \$500,000 Bond Assistance Program

BENEFITS

- Hired 3 former detention facility youth full time
- More than 80 million in contracts to local, small/emerging, minority-owned and woman-owned businesses
- Bond assistance enabled \$8.7 million in contracts to 12 small and local contractors

How the County Created Green Jobs...

The County partnered with its contractor, Hensel Phelps Construction Company, to create innovative programs for local small businesses and at-risk youth.

INTERNSHIPS FOR YOUTH

Twelve-week internship programs provided career training and experience to at-risk youth. The programs supported the rehabilitative efforts of Camp Wilmont Sweeney, a County juvenile residential program, and the Cornerstone Foundation Internship Program, a partnership with Vanir Construction Management. Through these internships, youth explored the professions of architecture, engineering, and construction. Interns met with industry experts while learning the basic skills of conceptual drawing, drafting, 3-D modeling, architectural rendering,

"This all has made me career-driven. It's helped shape my life and shown me what's out there. It has helped me grow."

Ashton, Cornerstone graduate
Onsite office engineer

and visual presentation skills. Hensel Phelps hired two interns to work on the JJC; another JJC contractor, Vanir, hired one intern. One of these youth remained at Hensel Phelps and is pursuing a college degree. Another joined the Carpenters Union as an apprentice and began working for a former JJC subcontractor.

MENTOR-PROTÉGÉ PROGRAM

The County and Hensel Phelps, with Redwood Resources, created a mentor-protégé program enabling small local businesses to benefit directly from the experience and training of much larger, well-established firms. There was a recognized need to enhance the specialized capabilities of women, minority, and small local businesses to make them more successful competitors in the construction bidding process. The mentor-protégé program supported businesses' growth



Youth participated in 12-week green building internships.

and development through training and one-on-one mentorship sessions. In some cases, joint venture developments facilitated financial stability and increased the solvency of both companies.

BOND ASSISTANCE PROGRAM

To help small local businesses better compete as potential subcontractors, Alameda County and Hensel Phelps created a \$500,000 bond assistance program.

The program provided administrative support and supplemental underwriting to help qualified and competitive subcontractors. Specifically, the program

"All my career, I've been hearing about good-faith outreach, and it really happened on this project."

Adolph Sykes
Founder, Adolph's Glass

helped subcontractors understand how the bonding process works and assisted them with preparing appropriate financial statements and other necessary documentation. It also provided assistance with negotiations, locating and working with bond brokers, funds control management, and, most importantly, a bond guarantee.

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Energy and Water Efficiency

ENERGY EFFICIENCY

Alameda County's comprehensive energy conservation program has reduced the County's energy usage by one-third and saves taxpayers \$6 million annually.

Countywide Lighting Retrofit

Alameda County completed a \$1.7 million countywide lighting retrofit of 26,000 fixtures in over 3 million square feet at 52 owned & leased buildings. The new lighting:

- Gives off a wider spectrum of light, closer to daylight
- Uses 30% less electricity with lamps lasting 6,000 hours longer than older lighting
- Reduced mercury at County facilities by about 350,000 milligrams

Annual Savings (projected):

Electricity: 2,921,000 kilowatt-hours

Taxpayer Dollars: \$350,000

Efficiency at 24/7 Facility

Alameda County's energy efficiency program at Santa Rita Jail includes water conservation, lighting retrofits, a boiler plant renovation, a hot water and energy reclamation system for the jail's laundry, a new cooling tower water treatment system, and a heating and hot water system retrofit.

Annual Savings (projected):

Electricity: 928,000 kilowatt-hours

Natural Gas: 293,000 therms

Taxpayer Dollars: \$790,000

WATER EFFICIENCY

Drought conditions are an ongoing concern in California's relatively arid climate. In 2008, the Governor declared a state of emergency due to drought. Alameda County is doing its part to conserve water in ongoing operations as well as conducting outreach to employees on how they can save water.

Landscaping

- Installed water-wise landscaping at U.S. Green Building Council LEED® Gold rated Juvenile Justice Center
- Installed water-wise "Bay-Friendly" landscaping at the new Castro Valley Library and the County Administration Building's urban site

Efficiency at 24/7 Facility

Alameda County's comprehensive \$2.6 million water efficiency project at Santa Rita Jail includes low flow toilets, urinals, showers, and faucets, water smart irrigation, and new flush valve controllers to prevent toilets in detention areas from being flushed continuously.

Annual Savings (projected):

Water: 77 million gallons

Taxpayer Dollars: \$405,000



Alameda County's lighting retrofit is expected to save \$350,000 per year.



Energy and water efficiency are a priority at the 24/7 Santa Rita Jail.



Water-wise landscaping with drought-tolerant plants conserves water.

www.acsustain.org

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Clean Energy Innovation

Energy efficiency and clean energy are vital to Alameda County's commitment to reduce greenhouse gas emissions 80% by 2050. Energy efficiency projects save taxpayers more than \$6 million per year. Clean energy projects, including a fuel cell cogeneration plant and ten large-scale solar power installations, save more than \$500,000 per year.

U.S. Environmental Protection Agency Recognizes County for On-Site Solar

Alameda County was named by the U.S. Environmental Protection Agency (EPA) on its first-ever list of the Top 20 on-site generators of green electricity from around the nation. Alameda County generates nearly 4 million kilowatt-hours of solar power annually.

What's Next: A Smart Grid at Santa Rita Jail

Santa Rita Jail, which operates 24/7 and houses about 4,000 inmates, has a large energy demand and has long been a focus of Alameda County's clean energy and energy efficiency efforts. A one-megawatt fuel cell cogeneration plant provides 50% of the Jail's electricity needs, while a 1.18 megawatt solar electricity installation provides 10%.

The next step is a Consortium for Electric Reliability Technology Solutions (CERTS) Smart Grid that will allow the Jail to operate independent of, or in parallel with, the Pacific Gas & Electric (PG&E) power distribution grid. The \$13.15 million project is largely funded by a \$7 million U.S. Department of Energy grant, a \$2 million California Energy Commission grant, and a \$3 million PG&E incentive.

Project Goals:

- Demonstrate the commercial implementation of a CERTS Smart Grid
- Reduce peak electrical load and monthly demand charges and respond to real-time pricing information
- Store renewable and fuel cell energy production, and allow exporting of power during peak time periods
- Improve grid reliability and reduce electrical voltage sags and spikes
- Meet critical Santa Rita Jail electrical reliability requirements to enable seamless islanding and reconnection during power outages



EPA recognized Alameda County for on-site solar power, including this 1.18 megawatt installation at Santa Rita Jail.



The Santa Rita Jail Smart Grid includes small wind turbines, advanced battery energy storage, and solar hot water.

Creating the Smart Grid Involves:

- Modifying existing solar power inverters and fuel cell electrical balance of plant as well as the diesel generator control system
- Installing five small wind turbines and a solar hot water system
- Installing an advanced battery energy storage system, a static disconnect switch, and an advanced CERTS Smart Grid control
- Removing the site's reverse power relay to allow exporting of power during summer electrical peak hours

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Alameda County Saves \$540,000 A Year in Electricity Costs with SunPower



They say sustainability starts at home. For Alameda County, home happens to be 738 square miles on the east side of the San Francisco Bay—population 1.5 million. Since the 1990s, the County has demonstrated its commitment to sustainability with numerous energy efficiency and renewable energy projects.

In 2001, Alameda County launched one of the nation's most ambitious solar projects to date. The County asked SunPower to design and install a rooftop solar power system at the Santa Rita Jail in Dublin, alongside substantial energy efficiency upgrades. Today, six years and eight more solar power systems later, Alameda County has incorporated over 3.1 megawatts of total onsite solar power atop its facilities—more than any other local government in the United States. As a result, the County has solidified its place as a leader in onsite renewable energy, sparing both the environment and the bottom line.

BENEFITS

- Powers 7% of County's total energy load
- Saves \$540,000 a year in electricity costs
- Provides enough daytime electricity to power more than 3,000 homes
- Will prevent over 38,600 tons of carbon emissions over 30 years, equivalent to not driving over 96 million miles

PROJECT OVERVIEW

- Location: Nine locations throughout Alameda County, California
- Completed: 2002-2007
- Installation Type: Commercial Roof and Parking Systems
- System Size: 3.1 MW
- PV Surface Area: Over 300,000 square feet or 7 acres
- Number of Panels: 19,163
- Products:
 - SunPower PowerGuard®, SunPower® Tracker
 - Services: SunPower® Energy Efficiency

PROJECTS

- 1.18 MW Rooftop: Santa Rita Jail, Dublin, CA
- 882 kW Rooftop: Juvenile Justice Center, San Leandro, CA
- 250 kW Tracking Parking System: Winton Parking Lot, Hayward, CA
- 250 kW Tracking Parking System: Fremont Hall of Justice Parking Lot, Fremont, CA
- 234 kW Rooftop: Winton Avenue Government Building, Hayward, CA
- 117 kW Rooftop: Office of Emergency Services, Dublin, CA
- 97 kW Rooftop: Environmental Health Services Headquarters, Alameda, CA
- 85 kW Rooftop: Wiley W. Manuel Courthouse, Oakland, CA
- 53 kW Rooftop: Public Works Building, Hayward, CA

"The combined solar electric power and energy efficiency solutions we have implemented with SunPower illustrate the future of energy and facility management. Our investment in solar power has helped Alameda County lower overall energy costs, reduce pollution, and conserve natural resources—all distinct benefits for the citizens and communities of Alameda County."

Matt Muniz, P.E.
Energy Program Manager
Alameda County

LONGTIME ENVIRONMENTAL LEADER EMBRACES SOLAR POWER AS A NATURAL NEXT STEP

As a longtime leader in smart energy strategies, Alameda County has always searched for new ways to protect the environment while reducing operating costs. In January of 2001, the County turned to solar power, asking SunPower to design and install a solar power system covering more than three acres atop the Santa Rita Jail. SunPower was chosen for its large-scale installation experience, its combined offering of both solar and energy efficiency, and its reputation for service, performance, and responsiveness.

Combined with a comprehensive energy-efficiency retrofit, the project became the largest municipal-owned solar power system in the United States. Based on its



ENVIRONMENTAL AWARDS & RECOGNITION

- 2005 Green Power Leadership Award (Solar II Project)
- 2002 Green Power Leadership Award (SRJ Solar Project)
- 2002 Challenge Award from the California State Association of Counties (CSAC) (Energy Program)
- 2002 Governor's Environmental and Economic Leadership (Energy Program)
- 2002 Flex Your Power Energy Award (Energy Program)
- 2002 Energy Efficient Building Award for Best Institutional Project (SRJ Solar Project)

economic savings and high performance, in 2004 Alameda County contracted with SunPower to design and install seven more solar power systems at County facilities. In April 2007, the County completed its most recent solar project at the new Juvenile Justice Center in San Leandro.

ALAMEDA COUNTY REDUCES ELECTRICITY LOAD AND SAVES

Clean energy is also cost-effective and reliable energy. The County now supplies more than 3.1 megawatts of electricity through the use of solar—which is equivalent to the electricity needed to power more than 3,000 homes during the day. By integrating solar power with energy efficiency, Alameda County saves more than \$540,000 a year in avoided electricity purchases. And, because the solar systems power 7% of the County's overall facility needs—reducing electrical load by an equal amount—they reduce grid strain during peak times.

Of course, clean energy also means better quality of life for county residents. Over the next 30 years, the County's solar power systems will prevent 38,600 tons of carbon dioxide emissions. This is equivalent to planting over 10,890 acres of trees, or not driving over 96 million miles on California's roadways. Alameda County continues to communicate its commitment to the environment, working closely with SunPower to educate both the public and other government agencies.

SunPower Corporation

1-866-737-6527

www.sunpowercorp.com



Sustainable Transportation

In keeping with the Alameda County Strategic Vision, the County's transportation programs aim to preserve the environment while protecting social welfare and promoting economic growth. The County owns and operates a fleet of vehicles that includes hybrids, electric vehicles, and electric golf carts. These vehicles are maintained by the Transportation Services Division within the General Services Agency as well as by the Public Works Agency. In addition, the Public Works Agency's Transportation Planning Department designs public roads in unincorporated areas. These agencies strive to minimize greenhouse gas emissions, improve air quality, and create green jobs by purchasing alternative fuel vehicles and implementing rigorous green fleet policies.

AT A GLANCE

Key Actions:

- Use of alternative fuels for vehicle fleet
- Employee clean commute benefits
- Shuttles to leverage regional transit services
- Design of safe bicycle and pedestrian routes

Leadership through partnerships: Participate in the East Bay Clean Cities Coalition; organized the Alameda County and cities sustainable transportation working group; and partner with multiple local governments to build the Bay Area Electric Vehicle Corridor.



Choosing electric vehicles.



Providing shuttles to reduce emissions.



Supporting walking, biking, and wellness.

CHALLENGES

- Transportation accounts for more than 50% of the County's greenhouse gas emissions
- Higher asthma rate in children exposed to highway traffic pollution in East Bay
- Regional coordination required for clean commutes to schools, to work, and on the job

SOLUTIONS

- Innovative programs employing new technology, policies, and partnerships to incentivize clean transportation
- Programs include alternative fuel vehicles, bike lanes, and street lights to promote active lifestyles
- Pre-tax transit benefits for employees and shuttle service from transit to County facilities

BENEFITS

- Protecting public health by improving air quality
- Saving taxpayer dollars by decreasing use of gasoline by thousands of gallons annually
- Greenhouse gas reductions and green jobs through partnerships with clean tech companies and other Bay Area governments





Sustainability Awards

CREEK RESTORATION

- 2009 Association of Bay Area Government Awards for Project of the Year and Preserving and Protecting the Environment: Peralta Creek Restoration Project

ENERGY

- 2009 Top 20 On-site Green Power Partner, U.S. Environmental Protection Agency: Recognizes top 20 U.S. organizations generating green power
- 2009 City Solar Award, Northern California Solar Association: Most Total Watts of Solar, includes residents, businesses, and government facilities within County borders (as of December 31, 2007)
- 2007 Crown Community Award, *American City and County Magazine*: Fuel Cell Project
- 2005 & 2002 Green Power Leadership Awards, U.S. Environmental Protection Agency & U.S. Department of Energy: On-site Power Generation
- 2002 Challenge Award, California State Association of Counties (CSAC): Energy Program
- 2002 Governor's Environmental and Economic Leadership Award, State of California: Energy Conservation
- 2002 Flex Your Power Energy Award, State of California: Energy Conservation
- 2002 Energy Efficient Building Award, *Energy User News*: Best Institutional Project, Santa Rita Jail

GREEN BUILDING (Juvenile Justice Center)

- 2008 Governor's Environmental and Economic Leadership Award: Sustainable Practices/Facilities
- 2008 *Environmental Design + Construction*, Excellence in Design Award: Government Building

- 2008 American Institute of Architects *Justice Facility Review*

2008 Construction Management Association of America, Northern California Chapter: Project of the Year for Building over \$20 Million

- 2008 CEMEX U.S. Building Award: Sustainability and Institutional Awards
- 2007 *California Construction* Award of Merit: Green Building
- 2007 CSAC Host County Exemplary Program Award: Advancing Social Equity with Enlightened Construction Contracting

SUSTAINABILITY

- 2008 Conservation Champion Award, Senator Barbara Boxer: Recognizing County sustainability initiatives

TRANSPORTATION

- 2010 Sustainable Fleet Awards, National Fleet Management Association (NAFA): Honorable Mention in the sedan and light truck fleet category for clean air mandated areas
- 2009 and 2010 100 Best Fleets, *Government Fleet* magazine: Recognizes strong management, customer service, and leadership in sustainability
- 2009, Top 40 Green Fleet, *Government Fleet* magazine

WALKABLE COMMUNITIES

- 2009 America Public Works Association Project of the Year, Cherryland Community Sidewalks (Walkable Communities)
- 2008 CSAC Challenge Awards, Merit Award, Alameda County Sidewalk Program

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Mission

To enrich the lives of Alameda County residents through visionary policies and accessible, responsive, and effective services.

Vision

Alameda County is recognized as one of the best counties in which to live, work and do business.

Values

Integrity, honesty and respect fostering mutual trust.

Transparency and accountability achieved through open communications and involvement of diverse community voices.

Fiscal stewardship reflecting the responsible management of resources.

★ Customer service built on commitment, accessibility and responsiveness. ★

Excellence in performance based on strong leadership, teamwork and a willingness to take risks.

Diversity recognizing the unique qualities of every individual and his or her perspective.

Environmental stewardship to preserve, protect and restore our natural resources.

Social responsibility promoting self-sufficiency, economic independence and an interdependent system of care and support.

Compassion ensuring all people are treated with respect, dignity and fairness.