

GOLD LEVEL AWARD WINNER

BEACON

SPOTLIGHT
AWARD

WINNER

BEST PRACTICE
ACTIVITIES



County of San Diego

Sustainability Best Practices Activities



ILG INSTITUTE FOR
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Promoting Good Government at the Local Level

About This Document

This document tracks and shares local agency best practice activities completed and counted as part of a city or county's participation in the climate change and sustainability recognition program, the Beacon Program. The Beacon Program is a statewide program recognizing cities and counties that are working to reduce greenhouse gas emissions, save energy and adopt policies and programs that promote sustainability.

The Beacon Program is sponsored by the Institute for Local Government and the Statewide Energy Efficiency Collaborative. The Statewide Energy Efficiency Collaborative (SEEC) provides support to cities and counties to help them reduce greenhouse gas emissions and save energy. SEEC is an alliance between three



Supporting California local governments

The Beacon Program is funded by California utility ratepayers and administered by Pacific Gas and Electric Company, San Diego Gas and Electric Company, Southern California Edison and Southern California Gas Company under the auspices of the California Public Utilities Commission.



SPOTLIGHT AWARD

Areas of Accomplishment

	SILVER LEVEL	GOLD LEVEL	PLATINUM LEVEL
Agency GHG Reductions		12%	
Community GHG Reductions			
Agency Energy Savings			23%
Natural Gas Savings			22%
Sustainability Best Practice Activities		2014	2016



Energy Efficiency and Conservation Activity

Level	Energy Efficiency and Conservation Activity	Reported
Silver	Implemented the Green Business Program in 2009 which has online assessment checklists for food facilities and commercial offices to use as tools to go green.	6-2012
Level	Energy Efficiency and Conservation Activities	Reported
Gold	Participated in a local government partnership with San Diego Gas & Electric. The partnership aims to inform, educate, and implement energy efficiency practices to the county's employees, businesses, residents and other entities within the County of San Diego.	6-2012
	Participated in SANDAG's Regional Energy Working Group . The group provided input and feedback on issues related to the Regional Energy Strategy and tasks of the Regional Energy Planning Program.	6-2012



Energy Efficiency and Conservation Activity

Level	Energy Efficiency & Conservation Activities	Reported
Platinum	Involved in SANDAG's Energy Roadmap Program for Local Governments to develop an energy action plan tailored to the unique characteristics of their community.	6-2012
	Starting in 2013, the county has invested in smart building technology implementation in larger county buildings. Monitoring and control equipment better enable facility managers to automate demand responses and allow them to pinpoint the causes for out-of-spec system behavior. This Building Automation System was installed to control, monitor and report on various building, mechanical and utility (e.g., air conditioning, heating, lighting, water meters, distributed generation, etc.) systems. By using this technology the county has the ability to take advantage of data analytics and view energy demand from a central point. Currently 13 county facilities utilize this system.	5-2014
	Throughout 2012 and 2013, the county completed retro-commissioning (a process for identifying where a facility's equipment, lighting and control systems can be improved and making the necessary adjustments) at the East Mesa Detention Facility, North County Regional Center, the Mills building, and Health Services Complex. The expected annual energy savings for these facilities is 1,678,000 (kWh) and 73,700 (Therms) enough energy to power about 157 average homes.	5-2014
	During fiscal year 14-15, 11 projects were completed that modernized lighting fixtures and replaced lamps and light bulbs. The expected annual savings for these projects is 5,499,523 kWh, or enough energy to power 515 average homes and 102,011 Therms, or enough gas to supply 279 average homes. To fund these projects the County received \$1,682,000 in zero interest loans from SDG&E. Another \$153,908 was saved by taking advantage of SDG&E rebates.	6-2015



Energy Efficiency and Conservation Activity

Level	Energy Efficiency & Conservation Activities	Reported
Platinum	<p>The county's Energy & Sustainability division developed and the Board of Supervisors approved their five year Strategic Energy Plan. The plan outlines two main objectives: continue to assimilate sustainable practices throughout the organization and minimize utility consumption and costs. It focuses on six areas: Energy Use, Water Use, Cost Avoidance, Transportation, Green Buildings and Infrastructure, and Monitoring and communication. The Strategic Energy Plan outlines specific goals and approaches for each of the six areas of focus.</p>	6-2016
	<p>The County conducted a series of ASHRAE level II energy audits at 9 facilities during 2014 - 2015. The recommended measures are projected to save over 1.3 million kWh and over 30,000 Therms annually when implemented. These recommendations have been converted into implementation projects, many of which are underway.</p>	6-2016
	<p>Completed retrofits on 2,246 of the 6,500 County-owned and operated streetlights with LED fixtures in 2015. The retrofits are energy efficient, reduce greenhouse gas emissions, and are expected to reduce County energy use by 1.8 million kWh per year, resulting in approximately \$150,000 per year saving on energy costs. Funding for this effort was provided through a California Energy Commission (CEC) loan and is receiving rebates through SDG&E.</p>	6-2016



Energy Efficiency and Conservation Activity

Level	Energy Efficiency & Conservation Activities	Reported
Platinum	<p>The Alpine library, which was completed and opened in May 2016, was the county's first Zero Net Energy building. As of September 2015 there were 16 verified ZNE buildings in the state (only one of which is a library), and another 37 completed buildings that are within the first year of operations phase. Alpine library utilizes a variety of design features in order to reduce its energy consumption. Some of which are: building orientation, high efficiency windows, building insulation, daylighting, , systems controls, solar water heating, and a Variable Refrigerant Flow HVAC system. All this is complemented with a roof-top solar system that has a generating capacity of 72 kW, and is predicted to produce about 108,500 kWh per year (enough for 10 average households) and will offset 108% of the energy that the building does use. The design and construction project utilized whole building energy modeling to establish annual energy usage and needed renewable generation, and will be monitoring and verifying performance for the first 12 months of occupancy.</p>	6-2016



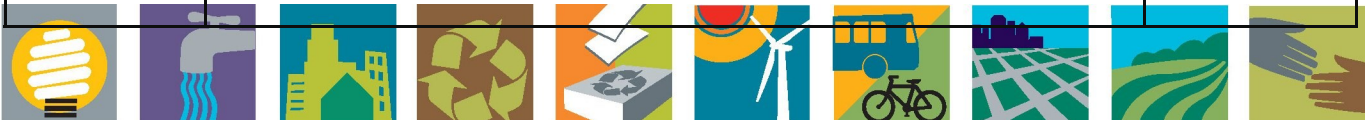


Water & Wastewater Systems Activity

Level	Water & Wastewater Systems Activity	Reported
Silver	1. Uses recycled water for agency facilities and operations, including parks.	5-2012

Level	Water & Wastewater Systems Activities	Reported
Gold	1. Incentivizes the installation of residential graywater systems through the Green Building Incentive Program.	5-2012
	2. A Water Conservation in Landscaping Ordinance was adopted on January 13th, 2010. The ordinance requires new single-family residential projects to conserve water in landscaping by establishing and adhering to water budgets and using recycled water, where available.	6-2012

Level	Water and Wastewater Systems Activities	Reported
Platinum	1. In 2010 the County published a Water Efficient Landscape Design Manual that explains how the public can comply with the Water Conservation Ordinance, while also creating beautiful landscapes and protecting people from wildfires. The County received an award for Outstanding Environmental Resource Document from the Association of Environmental Professionals in 2011.	6-2012
	Adopted a County Parks and Recreation Water Conservation Plan in 2011 to identify strategies for water conservation at county parks. The plan includes strategies implemented by other agencies, details on efficient irrigation methods, and an implementation strategy for achieving water use reductions at county park facilities.	6-2012
	Comparing Jan-June 2013 to Jan-June 2015 the Department of Parks and Recreation has saved an audacious 46.7% overall.	6-2015
	Completed a water retrofit project at the Vista Jail in 2014 to replace sink faucets, toilet flush valves and valve controllers and shower heads. The new efficient equipment has resulted in a savings of 21 million gallons of water annually or about 42% of the total water consumption at that facility. That's enough water to supply about 128 average households per year. The project will also save about 7,100 therms of natural gas.	6-2015





Water & Wastewater Systems Activity

Level	Water and Wastewater Systems Activities	Reported
Platinum	<p>Comparing Jan-June 2013 to Jan-June 2016, the County has cut water usage by 27% overall, saving over 130,000,000 gallons of potable water. This has occurred in spite of the expansion of county facilities and increases in staff and public services.</p>	6-2016
	<p>A similar water retrofit project was completed at Juvenile Hall in 2015 which is expected to save 4 million gallons of water annually, about 26% of the total water consumption at that facility. That's enough water to supply about 24 average households for a whole year.</p>	6-2016
	<p>Drought Response - Following Board of Supervisors Action on May 12, 2015, staff began enacting the Drought Response Action Plan. A County-wide team was assembled to manage a series of water conserving actions including landscaping and irrigation conversions, building water retrofits, artificial turf installation, and a public and staff education campaign to "lead by example" as it relates to the State-wide drought. Water audits have been completed for the County's top 20 water-using facilities.</p>	6-2016
	<p>Advanced Water Savings Treatment systems that were installed in the Central Plant cooling towers at the County Operations Center and the County Administration Center have resulted in verified water savings of over 1.9 million gallons from June-August 2015. Projects at another 6 sites have been completed with an expected savings of 13 million gallons annually.</p>	6-2016
	<p>Encourages residents to consider harvesting rainwater and hosts how-to resources on the county's website. In 2015 the actions of the Drought Response Action Team resulted in the sale of over 1,500 rain barrels.</p>	6-2016





Green Building Activity

Level	Green Building Activity	Reported
Silver	1. Requires all new agency buildings and facilities to meet at least LEED Silver certification standards.	5-2014

Level	Green Building Activities	Reported
Gold	1. Established Green Building Incentive Program is to encourage homeowners and builders to use environmentally sound practices. 1. Constructed the San Elijo Nature Center, the first LEED Platinum certified building in San Diego County.	5-2014

Level	Green Building Activities	Reported
Platinum	Continued to implement the Green Building Incentive Program, which is designed to promote the use of resource-efficient construction materials, water conservation and energy efficiency in new or remodeled residential and commercial buildings. The program offers incentives of reduction in plan check turnaround time and a 7.5% reduction in building permit fees for projects meeting program requirements. In 2013, the county permitted 13 projects that used the program and 25 in 2014.	6-2015
	Initiated a Planning and Development Services (PDS) staff training program to prepare for and implement the 2013 California Building Energy Efficiency Standards, which became effective July 1, 2014.	6-2015
	On April 8, 2015 the County Board of Supervisors approved an Ordinance amending County Building Code to Promote Photovoltaic and Electric Vehicle Charging Systems. On October 14, 2015 the County Board of Supervisors approved an Ordinance related to the Expedited Processing of Small Residential Rooftop Solar Energy Permits. The ordinance requires jurisdictions to have an application completeness checklist and allow customers to submit applications electronically for small residential roof-mount solar energy system.	6-2016





Green Building Activity

Level	Green Building Activities	Reported
Platinum	Form-based code for the Valley Center South Village was completed in 2015. This code establishes standards on the design and form of structures in Valley Center which facilitates a more urban development pattern resulting in less energy needed to heat and cool, lower utility bills, and less irrigation water.	6-2016
	Between 2011 and 2015 the county constructed the LEED certified County Operations Complex. The majority of buildings are certified at the Gold level, and one facility is certified at the Platinum level.	6-2016
	Throughout 2014 and 2015, four new County facilities completed construction and were LEED certified including Registrar of Voters (Gold), Rancho San Diego Sheriff Substation (Silver), East Mesa Detention Facility addition (Silver) and Los Colinas Women's Detention facility (Silver).	6-2016





Waste Reduction and Recycling Activity

Level	Waste Reduction Activity	Reported
Silver	1. Instituted a comprehensive waste reduction waste reduction and recycling program in agency offices and facilities. The County's contract with our waste and recycling collector includes the requirement to reduce waste and increase recycling by 10% annually, including green-waste and food scraps.	5-2014

Level	Waste Reduction Activities	Reported
Gold	1. Adopted a construction and demolition debris ordinance . 2. Implementing fluorescent light recycling project for the community.	5-2014

Level	Waste Reduction Activities	Reported
Platinum	Implemented a demonstration composting project at the East Mesa Detention Center. The Worm Wigwam vermicomposting unit processes vegetative food scraps generated from the facility. A training program was provided for staff and inmates highlighting composting, vermiculture, sustainable resource management, compost and mulch utilization. The program is diverting hundreds of pounds a week from waste disposal to composting.	6-2015
	The County collaborated with industry and jurisdictional partners on the San Diego Reuse and Repair Network to promote organizations and industries that sell and/or repair used materials (such as building materials, furniture, household goods, etc.). A database of repair organizations was completed in 2013. Partners also collaborated to hold the Reuse and Repair Fair at the 2014 and 2015 Earth Fairs in Balboa Park.	6-2015
	General Services contracted for new Trash and Recycling services in 2015 to maximize cost-efficiencies and increase recycling. The new contract provides comprehensive collection and waste resource management services to eliminate, reduce, re-use, recycle, compost and process or dispose of specified recyclable and compostable materials generated within County facilities. The goal is to meet the State of California landfill diversion requirements (AB341 & AB1826) and to save taxpayer money.	6-2015





Waste Reduction and Recycling Activity

Level	Waste Reduction Activities	Reported
Platinum	<p>County Board of Supervisors Policy B-67, Recycled Products Procurement, requires that County departments and agencies shall reduce the amount of materials used in the workplace through techniques such as double-sided copying, scanning and sending electronic files rather than hardcopy distribution, and refraining from printing e-mails when feasible. The Policy also requires all County departments and agencies to utilize products made with recycled materials, reusable products, and products designed to be recycled.</p>	6-2016
	<p>The County has a contract for departments and agencies that provide bins and collection of used batteries and other universal waste for proper disposal or recycling.</p>	6-2016
	<p>The County exceeds state recycling requirements by requiring multi-family complexes of 4 or more units to recycle (the state's threshold is 5 units) and requiring all hospitality businesses (businesses that sell food or drink to be consumed on or off the premises) to recycle (the state's threshold is only businesses that generate 4 cubic yards, or more, of trash per week). In addition, the County provides free technical assistance to businesses, multi-family complexes and schools to establish or improve recycling programs. The assistance includes bins, signage, education, waste audits, and establishing new procedures to ensure recycling becomes standardized in their operations.</p>	6-2016





Waste Reduction and Recycling Activity

Level	Waste Reduction Activities	Reported
<p>Platinum</p>	<p>Department of Public Works collaborated with Feeding America San Diego and the Live Well San Diego Food System Working Group to institute the “Too Good To Waste” campaign for County residents. This effort offers guidelines for short and long term storage, quick cooking guidelines and tips to use up leftovers. A guide was created for grocers and food facilities that discusses how to reduce food waste, source reduction, safe food handling, liability protection, and how to implement a food donation program simply and easily. It will help business owners understand the benefits of food donation to their bottom line, the community, and the environment. The County has implemented food scrap collection programs at three of our facilities.</p> <p>The Department of Agriculture Weights & Measures collaborated with industry to conduct collection events in 2015 & 2016 for recycling of used pesticide containers from the agricultural community. More than 1,100 pounds of plastic was collected from grove operators, pest control businesses, public agencies, and vintners. It will be used to manufacture items such as speed bumps, pallets, new pesticide containers, and marine pilings.</p> <p>A document was developed by the Department of Environmental Health with assistance from the California Department of Education to provide guidance for safe food management of school share tables.</p>	<p>6-2016</p> <p>6-2016</p> <p>6-2016</p>





Climate-friendly Purchasing Activity

Silver	The County of San Diego, California Board of Supervisors Policy B-67, Recycled Products Procurement , states “This policy concerns itself with the source of materials used to manufacture products that the County purchases and uses. The object is to ensure that no product manufactured with recycled or secondary material is discriminated against for reasons other than function and performance; and further, to direct that such products are to be preferred over goods made strictly with virgin material when recycled-content products can meet the necessary standards of performance.”	6-2012
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Level	Climate-Friendly Purchasing Activities	Reported
Gold	Encourages consultants, contractors and grantees to conform to the Recycled Products Procurement Policy.	6-2012
	Requires the county to solicit bids to the maximum extent possible, from recycled content vendors when purchasing products and supplies for the county.	6-2012

Level	Climate-Friendly Purchasing Activities	Reported
Platinum	Purchasing and Contracting policy allows for a price preference of up to 5% to be given to recycled products when offered as an alternative to non-recycled products. The preference percentage is based on the lowest bid or price quoted by the supplier or suppliers offering non-recycled products.	6-2012
	Requires all county departments and agencies to utilize, to the maximum extent practical, products made with recycled materials, reusable products, and products designed to be recycled and shall encourage public and private agencies to do so.	6-2012
	Purchasing and Contracting policy requires the county to acquire equipment (i.e., photocopier, typewriter, facsimile, laser printer machines) that is compatible, whenever practicable, with the use of recycled-content paper products.	6-2012





Climate-friendly Purchasing Activity

Level	Climate-Friendly Purchasing Activities	Reported
Platinum	<p>The County of San Diego, California Board of Supervisors Policy G-15, Design Standards for county Facilities and Property, states “Use building and finishing products that contain recycled materials into County facilities where feasible. Give preference to products whose recycled material content is high, raw materials are derived from sustainable or renewable resources, require the minimal amount of energy and rare resources to produce and use, require the least amount of energy to transport to the job site, and provide the least environmental impact when disposed of.”</p>	<p>5-2014</p>
	<p>The County of San Diego, California Board of Supervisors Policy F-45, Pesticide Use Reduction, states “The Board of Supervisors supports Integrated Pest Management (IPM), which involves the use of non-chemical pest control methods and the careful use of chemical methods when non-chemical methods have been considered and evaluated.”</p>	<p>6-2015</p>
	<p>The Department of Public Works “Health, Safety, and Environmental Policy Statement” includes, among other edicts to protect people, property, and the environment, the policy states that the Department of Public Works will “Practice pollution prevention, conserve resources and energy, minimize the use of hazardous materials, and reduce waste” and that managers and supervisors will “Use DPW health, safety and environmental programs as a framework for continuous improvement.”</p>	<p>6-2015</p>
	<p>The Department of Public Works Policy AD-5, Recycled Products Procurement, states that “The County of San Diego has made a commitment to promoting recycling and reducing waste being disposed of in landfills. The success of the local recycling program depends on markets for the materials collected and processed into new goods. A recycled products procurement policy will lend support to local recycling programs by improving secondary materials markets. Additionally, the County supports reuse and repair industries by allowing purchase of quality refurbished, remanufactured or previously owned products when feasible.”</p>	<p>6-2015</p>





Renewable Energy and Low-Carbon Fuels Activity

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Silver	1. Promotes renewable energy rebate and incentive program on the county website .	5-2012

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Gold	1. Installed PV solar arrays at the County Operations Center , the library, the North County Regional Center , and the South Bay Regional Center .	5-2012
	2. PDS Building Division continues to offer building fee waivers for residential solar PV electrical system permits (since 2011) and residential small wind turbine electrical system permits (since 2008).	6-2012

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Platinum	Approved a Wind Energy Ordinance in April 2012 to provide an update set of definitions, procedures, and standards for review and permitting of small wind turbines. Zoning Ordinance amendments also establish a framework for Large Wind Turbine Systems for off-site energy use through the Major Use Permit process.	6-2012
	Effective July 2013, Planning and Development Services (PDS) offers online permitting for residential roof-mounted solar PV projects that do not require a meter upgrade. Effective April 2014, roof-mounted PV systems with electrical upgrades to an existing main panel up to 400 amps are eligible for online processing. PDS also created a step-by-step guide for online PV permit processing.	5-2014
	Beginning in 2010, amendments were adopted to the Zoning Ordinance to codify the use of on premise energy systems including height and setback exceptions for solar PV systems and establishing an administrative permit process to smaller (<10acre) PV distribution facilities.	5-2014





Renewable Energy and Low-Carbon Fuels Activity

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Platinum	<p>Planning and Development Services has been developing a Board directed Comprehensive Renewable Energy Plan for San Diego County and conducted two Technical Advisory Committee meetings to facilitate community input into the process. The first phase aimed to research, analyze, and perform outreach to stakeholders in order to increase renewable energy opportunities, reduce costs for consumers, and minimize impacts to community and its resources. The first phase report is still being finalized but will included an outline of the existing renewable energy resources available within the unincorporated County, an overview of the renewable energy industry in San Diego County, and the potential for growth. The phase one report will also include a discussion of incentives, policies, and best management practices in other jurisdictions and the potential for implementing similar policies in San Diego County.</p> <p>Efforts have been made to integrate more fuel efficient vehicles such as hybrids and alternative fuel vehicles into the fleet. As of April 2016, Fleet had: 690 flex fuel capable vehicles, 174 hybrids, 80 pieces of electric powered off-road and on-road equipment, and 3 Plug-in Hybrid Electric Vehicles.</p>	6-2016 6-2016





Efficient Transportation Activity

Level	Efficient Transportation Activity	Reported
Silver	Fleet maintenance staff provides drivers with fuel saving tips when they take their vehicles to the shop and mechanics will enact preventative maintenance that will include tire pressure and other checks/corrections that affect fuel economy.	6-2012

Level	Efficient Transportation Activities	Reported
Gold	The County of San Diego, California Board of Supervisors Policy C-26, Tele-working , states the purpose of the policy is "To allow flexibility in employee work schedules and locations while reducing costs, maintaining or enhancing County service and productivity levels, and reducing the County's carbon footprint."	5-2014
	Hosted a workshop with San Diego Safe Routes to help applicants apply to the 2014 Active Transportation Program.	5-2014

Level	Efficient Transportation Activities	Reported
Platinum	The County has increased its use of alternative fuels such as biodiesel (blends of B5 and B10) since 2011.	6-2015
	The County's Fleet Division won two Awards of Excellence and placed fifth in the nation through both the Government Fleet Magazine's "Leading Fleets Award" and the "100 Best Fleets" award programs. The awards specifically noted a significant increase in the purchase of fuel efficient compact or hybrid vehicles, and lower client costs through the increased use of mobile maintenance services. Overall Fleet Division Improved fuel efficiency (avg. miles per gallon) by over 5% during fiscal year 2014-2015.	6-2015
	\$9.3M in Carl Moyer Program funds were awarded by the San Diego Air Pollution Control District to 104 projects in FY 14-15, helping local businesses to purchase cleaner engines for on-road, off-road, agricultural, marine, and locomotive equipment.	





Efficient Transportation Activity

Level	Efficient Transportation Activities	Reported
Platinum	<p>General Services Fleet Division participated in Refuel, the San Diego Regional Alternative Fuel Coordinating Council in fiscal year 2014-2015, which received a grant award from the California Energy Commission to produce a regional readiness plan for alternative fuel vehicles. The plan created an assessment of opportunities and obstacles and developed a toolkit for alternative fuel customers, fleet managers, fuel providers, and public agencies to further the use of alternative fuels in the region.</p>	6-2015
	<p>We prepare and analyze vehicle utilization reports and recommended vehicle reductions on an annual basis. Any vehicle that travels less than 10,000 per year is considered underutilized.</p>	6-2015
	<p>In Calendar Year 2014, Fleet shifted 37% of mid-sized sedan procurement to compact or hybrid vehicles (exceeding the goal of 30%).</p>	6-2015
	<p>Board of Supervisors Policy H-2 establishes recommended vehicle replacement criteria, limits the procurement of non-fuel-efficient vehicles and encourages the purchases of vehicles that provide maximum fuel efficiency. The goal of the policy is to realize cost savings through fuel conservation and to protect the public health and environment by reducing the County's carbon footprint and greenhouse gas emissions.</p>	6-2015
	<p>Instead of requiring that all vehicle maintenance is performed in shops, Fleet operates five mobile maintenance trucks that drive to the vehicle that needs to be repaired. Mobile maintenance reduces vehicle miles traveled, ultimately reducing the County's GHG emissions. For instance, in shop repairs require that the client tow or drive the vehicle to the shop. Transporting a vehicle to the shop requires that a second vehicle follow behind to transport the driver back to the job site and to drive the client back to the shop to retrieve the vehicle</p>	6-2015





Efficient Transportation Activity

Level	Efficient Transportation Activities	Reported
<p>Platinum</p>	<p>Throughout 2015 and the beginning of 2016, 31 Electric Vehicle charging stations were installed at 9 different sites around the county, with 6 more stations at 2 different sites coming online in summer of 2016. This final installation will complete the county's Electrical Vehicle Supply Equipment network for public and staff.</p> <p>The county uses telematics and integrated software to control fleet vehicles, reduce misuse, and increase efficiency through trip planning and location information. The county currently uses telematics devices in about 430 vehicles.</p> <p>The County collaborated with the San Diego Airport Authority to incentivize airport taxi operators to replace older gasoline vehicles with hybrid electric, compressed natural gas, or alternative-fuel vehicles. A total of 33 taxis were replaced, which will annually save 52, 400 gallons of gasoline and eliminate 862 tons of CO2 emissions.</p> <p>Since 2014 the county has replaced 30% of the Crown Victoria patrol units with the more efficient Ford Interceptor (improves MPG by 20%).</p>	<p>6-2016</p> <p>6-2016</p> <p>6-2016</p> <p>6-2016</p>





Land Use and Community Design Activity

Level	Land Use and Community Activity	Reported
Silver	The adopted Pedestrian Area Plans for five unincorporated areas of San Diego County look at existing pedestrian conditions, identify deficiencies, and recommend solutions.	6-2012

Level	Land Use and Community Activities	Reported
Gold	Implemented design standards in 2012 that require streets and sidewalks to be designed for multi-modal mobility and access, including walking and bicycling, to ensure that new development is designed, sited and oriented to facilitate pedestrian, bicycle and other mobility and access.	6-2012
	In 2013, Planning and Development Services updated the off-street parking regulations and design manual to be consistent with contemporary design requirements, address a broader range of land uses, provide flexible, shared or reduced parking requirements for various land use types, incorporate standards for EV parking, and facilitate low impact development practices.	5-2014

Level	Land Use and Community Activities	Reported
Platinum	In 2015, the County Building Code was amended to require the installation of infrastructure to facilitate roof-mounted solar systems and electric vehicle charging stations in all new single-family homes.	6-2015
	The Property Assessed Clean Energy (PACE) - a public-private partnership between the County of San Diego and the commercial banking industry - added two new participating lenders in FY 14-15, further increasing opportunities for homeowners to finance energy efficient projects, water efficiency projects and renewable energy upgrades through their annual property tax bills.	6-2015





Land Use and Community Design Activity

Level	Land Use and Community Activities	Reported
<p>Platinum</p>	<p>Planning & Development Services received national, state and local awards for streamlining online solar permitting: •2014 Achievement Award from the National Association of Counties (NACo) for the online solar permit system, •2014 Merit Award from the California State Association of Counties (CSAC) for the online building permit program, •2015 Golden Watchdog Award from the San Diego Taxpayers Association for permit streamlining. Over 80% of all residential solar permits (5,059 permits) were processed online for Fiscal Year 2014-2015.</p>	<p>6-2015</p>
	<p>An <u>Active Transportation Plan</u> is being developed that will serve as a master plan and policy document to guide the development and maintenance of active transportation infrastructure; sidewalks, pathways, trails, bike lanes and multi-use paths, as well as Safe Routes to School programs for the unincorporated County.</p>	<p>6-2016</p>





Open Space and Offsetting Carbon Emission Activity

Level	Open Space Offsetting Carbon Emission Activities	Reported
Silver	1. Established Multiple Species Conservation Program to preserves San Diego's unique, native habitats and wildlife for future generations.	5-2014

Level	Open Space Offsetting Carbon Emission Activities	Reported
Gold	1. Funded Mount Hope Community Garden in Southeast San Diego. 2. Acquired 4000 acres of parkland in 2009. The parks department currently manages more than 40,000 acres of parks and preserved land.	5-2014

Current View

Site Potential

health

Potted Orchard Garden Plots

ecology

Future Mt. Hope Community Garden

beautification

Community Shed

community

Mt. Hope Community Garden
Southeastern San Diego, CA
Project New Village

Supporting the Health & Wellbeing
of Neighborhoods in Southeastern San Diego

Site Plan Designed By: Rachele Andrews





Open Space and Offsetting Carbon Emission Activity

<p>Platinum</p>	<p>The North County Multiple Species Conservation Plan (NC-MSCP) is undergoing final review, after several years in planning. Adoption will likely take place in 2016.</p> <p>During fiscal year 2014-15, the County acquired over 400 acres of land to provide preserve, open space, and trail enhancements. 101 acres were added to the South County MSCP, 32 acres to the East County MSCP, and 280 acres to the North County MSCP.</p> <p>Policy G-15 states that the County should use, “drought-tolerant, fire-resistant, native plant materials compatible with the surrounding area for new, County-owned properties and projects”.</p> <p>The county strives to improve the wellbeing of its residents by supporting healthy choices and thriving communities. The county is also committed to supporting and promoting the sustainability of local agriculture. As part of this mission, the County encourages the direct marketing of locally grown produce and other agricultural products at certified farmers’ markets.</p> <p>The county constructed the Waterfront Park at San Diego County’s Administration center in 2014. The new park fills an important recreational need for both residents and visitors alike. This area of San Diego sees an estimated 2 million visitors, has 35,000 residents, and is highly deficient in parks and open space. The 12-acre park accommodates daily use for information, recreation, and play, as well as accommodating a variety of special events. The highly anticipated grand opening of Waterfront Park was celebrated by 10,000 people from all over San Diego County. After the opening summer visitors to the park were estimated between 1,500 to 2,000 per day. More than 200 trees dot the park, which was designed with conservation in mind. All of the trees and the majority of onsite gardens and landscaping feature drought-tolerant plants fed by underground drip irrigation. Many paths and gathering areas in the park use decomposed granite instead of concrete, minimizing storm water runoff. Further, lighting throughout the park incorporates LED technology to conserve energy and reduce maintenance needs. Also, the restroom/concession building includes daylighting, natural ventilation and rooftop PVs and has been certified LEED (Leadership in Energy and Environmental Design) Silver by the USGBC.</p>	<p>6-2016</p> <p>6-2016</p> <p>6-2016</p> <p>6-2016</p> <p>6-2016</p>
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Promoting Community and Individual Action Activity

Level	Promoting Community and Individual Action Activities	Reported
Silver	1. The county is participating in a local government collaboration that is developing a Climate Change Website Portal to share information about best practices and provide the San Diego region with information on government adaptation strategies that are planned in their area.	5-2014

Level	Promoting Community and Individual Action Activities	Reported
Gold	<p>1. Provides residents with information and resources relates to planning, air quality, and waste and recycling, water, energy and gardening on the county's website.</p> <p>2. Educates residents about water conservation through a media campaign including a tip-sheet, magnet, billboards, bench ads and public service announcement.</p>	5-2014

Level	Promoting Community and Individual Action Activities	Reported
Platinum	Supported SDG&E conservation programs by providing a link to program information on the county's website and maintaining an informational display in the PDS Lobby.	5-2014
	The County is a founding member and Steering Committee member of the San Diego Regional Climate Collaborative , which was honored with a US EPA National Award. As one of only two organizations in the nation to receive the Innovative Partnership Certificate, the Climate Collaborative was recognized as a unique partnership working collaboratively on leading edge climate initiatives that are above and beyond business as usual.	5-2014
	Collaborated with the United States Marine Corps on the submittal of grant applications for safety improvements to the San Diego Coastal Bike Path on Camp Pendleton.	5-2014





Promoting Community and Individual Action Activity

Level	Promoting Community and Individual Action Activities	Reported
Platinum	<p>Live Well San Diego Food System Working Group collaborated with San Diego Farm Bureau to further develop San Diego Grown 365, a trademark identifying local producers. Buying local reduces GHG impacts and encourages sustainability in our local food system.</p>	6-2015
	<p>Events were hosted by Health and Human Services, Live Well San Diego, and First 5 San Diego and resulted in 255 referrals to SDG&E energy saving programs.</p>	6-2015
	<p>Donated an Earth Tub, an in-vessel composting unit to the Ramona Unified School District (RUSD) and assisted in the implementation of a Food Waste Prevention program. Using the EPA Food Waste Hierarchy, staff and students operate the program prioritizing reduction of food waste, food donation, feeding animals and composting the remaining food waste.</p>	6-2015
	<p>The annual Mowing Down Pollution Lawnmower event that began in 2000 has been very successful. County residents are offered an opportunity to “go green” by turning in their old, working gasoline-powered mower and receiving a discount on a new cordless, rechargeable electric mower. In 2014, a total of 586 polluting mowers were scrapped and replaced with new, environmentally friendly electric mowers. Not only was future pollution avoided, but the event also eliminated around 69 metric tons of greenhouse gasses, equivalent to at least 164,000 fewer miles of driving by the average car. In 2015, a total of 366 polluting mowers were replaced with new, environmentally friendly electric mowers. The event also eliminated roughly 43 metric tons of greenhouse gasses, equivalent to at least 102,000 fewer miles of driving by the average car.</p>	





Promoting Community and Individual Action Activity

Level	Promoting Community and Individual Action Activities	Reported
Platinum	<p>The Department of Parks and Recreation manages an energy efficiency and outreach program in coordination with other County departments. The program aims to inform and educate the County of San Diego, its residents, businesses and other entities within the unincorporated county to implement energy efficiency programs, promote energy efficiency and conservation, highlighting the County's partnership with SDG&E. Participated in over 300 outreach events, interfacing with over 122,000 event attendees.</p>	<p>6-2016</p>
	<p>The Parks and Recreation Department continued its partnership with SDSU to expose college students to energy based careers through supervised program planning and implementation and the alignment of curriculum with updated school standards (Next Gen Science). Over the last fiscal year (14-15) this partnership reached over 5,400 participants.</p>	<p>6-2016</p>
	<p>The Energy Saving Adventures program, sponsored by the Department of Parks and Recreation, aims to increase the number of educational programs implemented at the Spring Valley and Lakeside teen centers (REC clubs) which helps to increase participant awareness of various public spaces such as a campground in the mountains, or an open space preserve that is a bike ride away from the activity centers. The ESA program exposes youth participants to both their local community parks, and other nearby preserves and campgrounds within the County's jurisdiction through interactive learning and activities that focus on what DPR has named "environmental energy education"- a cross between teaching lifetime recreational skills such as camping, rock climbing, and conservation science. In 2015 alone, the ESA program averaged a total of 1,300 program participants per quarter through a combination of organized programs including; Fitness activities, Arts & Crafts, Science Experiments, and Gardening. Additionally, DPR was able to provide services for approximately 100 students through field trips that allow individuals to explore different habitats.</p>	<p>6-2016</p>
		<p>6-2016</p>





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1400 K Street, Suite 205
Sacramento, CA 95814
916-658-8208
www.ca-ilg.org

