

GOLD LEVEL SPOTLIGHT AWARD WINNER



City of Concord

Sustainability Best Practices Activities



ILG INSTITUTE FOR LOCAL GOVERNMENTSM
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 statewide non-profit organizations and California's four Investor-Owned Utilities. It builds upon the unique resources, expertise and local agency relationships of each partner.



Supporting California local governments

The Beacon program is funded by California utility customers 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			
	Community GHG Reductions			
	Agency Energy Savings			
	Natural Gas Savings			
	Sustainability Best Practice Activities		2017	



City of Concord

Best Practice Activities

www.ca-ilg.org/BeaconAward/



Energy Efficiency and Conservation Activity

Level	Energy Efficiency and Conservation Activity	Reported
Silver	1. Replaced 8,419 street lights with induction lamp technology to provide energy efficient lighting throughout the city in 2012.	2017

Level	Energy Efficiency and Conservation Activities	Reported
Gold	<ol style="list-style-type: none"> Partnered with Rising Sun Energy Center to host California Youth Energy Service (CYES) in 2008, 2016, 2017. The energy specialist performed 294 residential assessments in Concord in 2016. The assessments led to the installation of energy and water saving devices which resulted in changes that are the equivalent of three residential homes electricity use for one year in greenhouse gas emission reductions in perpetuity. Adopted a weatherization ordinance requiring every residential property seller to provide a Time-of-Sale Residential Weatherization Disclosure form to all potential buyers to encourage voluntary weatherization prior to sale. 	2017

Level	Energy Efficiency and Conservation Activities	Reported
Platinum	<ol style="list-style-type: none"> Conducted a wall to wall inventory of all city-owned equipment in 2016 to reduce and remove all non-essential equipment. In 2017, the city donated 66 laptops to a local leadership group, East Bay Leadership Council. Installed occupancy sensors that temporarily shut down lighting and air conditioning in unoccupied rooms at city buildings. Configured all desktop computers to turn the monitor off at 30 minutes and put the desktop to sleep in 30 minutes. 	2017





Water & Wastewater Systems Activity

Level	Water & Wastewater Systems Activity	Reported
Silver	1. Created and information bulletin for water-conserving plumbing fixtures.	2017

Level	Water & Wastewater Systems Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Partnered with the Central Contra Costa Sanitary District to install a purple pipe system throughout a portion of the city. The system provided 35.1 million gallons for recycled water in 2016. 2. Partnered with Central Contra Costa Sanitary District to provide a residential recycled water fill station to hand water lawns, landscaping and gardens using recycled water. 	2017

Level	Water and Wastewater Systems Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Adopted water efficient landscape regulations. 2. Required to purchase water-saving products when practicable. 3. Replaced lawn area at local parks with drought tolerant landscaping. 	2017





Green Building Activity

Level	Green Building Activity	Reported
Silver	1. Adopted a policy that recommends all building and renovations undertaken by the city follow green building practices for design, construction and operation where appropriate, as described in the LEED Rating System.	2017

Level	Green Building Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Adopted a construction and demolition ordinance requiring a minimum of 50-percent of construction waste to be diverted from the landfill. 2. Specified use of asphalt concrete, aggregate base or Portland cement concrete for road construction projects to be recycled, reusable or reground when practical. 	2017

Level	Green Building Activities	Reported
Platinum		





Waste Reduction and Recycling Activity

Level	Waste Reduction Activity	Reported
Silver	1. The city provides battery recycling bins for residents located at five municipal facilities throughout the city. The batteries are collected and recycled.	2017

Level	Waste Reduction Activities	Reported
Gold	<ol style="list-style-type: none"> 1. The city works with Concord Disposal Service Recycling Team to conduct educational outreach for multifamily and commercial sites. 2. The City of Concord achieved a 74.6% trash load reduction in 2016 from 2009 baseline. 	2017

Level	Waste Reduction Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. The city successfully worked with contractors and building permit applicants to comply with the required diversion, recycling and tracking practices from the city for certain construction projects. The latest diversion letter from October 2016 for Construction and Demolition Materials noted a diversion rate of 90%. 2. The city required businesses that generate more than eight cubic yards of organics to recycle organic waste (green waste, landscaping/prunings, non-hazardous wood waste, food waste) by April 2016. By January 1, 2017 businesses that generate four cubic yards or organic waste per week must arrange for organic waste and recycling services. 3. The city set up an information area with recycling information for e-waste recycling, used battery drop off and hazardous waste drop off in the city permit center. 	2017





Climate-friendly Purchasing Activity

Level	Climate-Friendly Activity	Reported
Silver	1. Approved an Environmental Purchasing Policy	2017

Level	Climate-Friendly Activities	Reported
Gold	<ol style="list-style-type: none"> Adopted a policy that city will consider when replacing vehicles to select less polluting alternatives to diesel, such as compressed natural gas, bio-based fuels, hybrids, electric batteries and fuel cells as available. The city phased out the use of chlorofluorocarbon-containing refrigerants, 	2017

Level	Climate-Friendly Activities	Reported
Platinum	<ol style="list-style-type: none"> Policy requires the city to purchase recycled content transportation products including, signs, cones, parking stops, delineators and barricades. The city requires janitorial contractors and the city to supply industrial and institutional cleaning products that meet Green Seal certification standards for environmental preferability and performance to the maximum extent practicable. Certified as a Bay Area Green Business by the Association of Bay Area Governments: <ul style="list-style-type: none"> The Fleet Management Department (2003 - present) Parks Division (2004 - present) Printing Services (2006 - present) Civic Center 	2017





Efficient Transportation Activity

Level	Efficient Transportation Activity	Reported
Silver	1. Adopted a Bicycle, Pedestrian and Safe Routes to Transit Plan.	2017

Level	Efficient Transportation Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Established a Bicycle-Pedestrian Advisory Committee. 2. Incorporated a "complete streets" policy in the city's General Plan. 	2017

Level	Efficient Transportation Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Adopted an initiative for the Concord Naval Weapons Station to manage traffic impacts through Transportation Demand Management Measures. 2. Updated the Development Code to allow the parking in-lieu fee to be used for bicycle, pedestrian and public transportation improvements. 3. Installed ten city-owned electric vehicle charging stations to accommodate ten EVs and one compressed natural gas vehicle. 	





Renewable Energy and Low-Carbon Fuels Activity

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Silver	1. Approved a community choice aggregation program, Marin Clean Energy, which is anticipated to roll out in May 2018.	2017

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Gold	<ol style="list-style-type: none"> 1. The Installed a 191.5 kW photovoltaic system to offset the majority of the electrical consumption at the Concord Community Pool. The installation yielded a large electrical reduction due to the 24/7 operations of the pool circulation pump. 2. The city now accepts rooftop applications through the Solar FasTrac website to streamline the solar permitting process. 	2017

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Platinum	<ol style="list-style-type: none"> 1. The city participates in the East Bay Sun Shares Program, a bulk solar and electric vehicle purchasing program available to residents and businesses in 2016. 2. The city adopted a Sitewide Development Standard for the Concord Naval Weapons Station to design building to maximize the potential for roof-mounted photovoltaic cells. 	2017





Land Use and Community Design Activity

Level	Land Use and Community Design Activity	Reported
Silver	1. Adopted a Climate Action Plan for the Concord Naval Weapons Station, a 12,800 acre property.	2017

Level	Land Use and Community Design Activities	Reported
Gold	<ol style="list-style-type: none"> Established a Transit Station Overlay District within a 1/2 mile of Concord's two Bay Area Rapid Transit District Stations. Permit increased density and decreased parking requirements. Adopted a Downtown Specific Plan to streamline the environmental review process for new development downtown. 	2017

Level	Land Use and Community Design Activities	Reported
Platinum	<ol style="list-style-type: none"> Adopted an initiative for the Concord Naval Weapons Station requiring open space and development to be balanced. Imposed minimum and maximum parking requirements. Imposed minimum and maximum density requirements. 	





Open Space and Offsetting Carbon Emission Activity

Level	Open Space Offsetting Carbon Emission Activities	Reported
Silver	1. Approved as a Tree City USA by the Arbor Day Foundation since 1981.	2017

Level	Open Space Offsetting Carbon Emission Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Leased land and provide the water and electricity for a community garden which it managed by a local non-profit organization. 2. Adopted a Tree Preservation & Protection Ordinance. 	2017

Level	Open Space Offsetting Carbon Emission Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Approved a Hillside Protection Ordinance to minimize the impacts of hillside and ridgeline development. 2. The Bay Friendly Landscaping & Gardening Coalition has certified the Public Works Department and is helping them take part in balanced and sustainable maintenance practices. 3. Hosted a farmer's Market twice a week at Todos Santos Plaza to promote and support the purchases of locally grown produce. 	2017





Promoting Community and Individual Action Activity

Level	Promoting Community and Individual Action Activities	Reported
Silver	1. The city includes a "Sustainable Tip of the Month" in its newsletter.	2017

Level	Promoting Community and Individual Action Activities	Reported
Gold	<ol style="list-style-type: none"> 1. The city co-hosted a countywide environmental gathering at the Concord Hilton with Sustainable Contra Costa, a regional environmental nonprofit. 2. The city has hosted Bike to Work Day energizer stations since 2012. In 2017, the city increased the number of stations offered. 	2017

Level	Promoting Community and Individual Action Activities	Reported
Platinum		2017





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