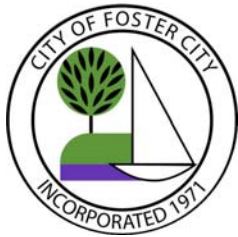


SILVER LEVEL AWARD WINNER

BEACON
SPOTLIGHT
AWARD
WINNER
BEST PRACTICE
ACTIVITIES



City of Foster City

Sustainability Best Practices Activities



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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 Award. The Beacon Award 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 Award 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 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



SPOTLIGHT AWARD

Areas of Accomplishment

	SILVER LEVEL	GOLD LEVEL	PLATINUM LEVEL
Agency GHG Reductions			23%
Community GHG Reductions		12%	
Agency Energy Savings			20%
Natural Gas Savings		13%	
Sustainability Best Practice Activities			2017



Energy Efficiency and Conservation Activity

Level	Energy Efficiency and Conservation Activity	Reported
Silver	1. Conducts inventories of greenhouse gas emissions to guide and monitor the city's efforts to encourage emission reductions in city operations. - 2015 Government Operations Greenhouse Gas Inventory	2017

Level	Energy Efficiency and Conservation Activities	Reported
Gold	1. Implemented energy conservation practices in building maintenance supplies, parts and systems in city facilities. 2. Minute Order 1471 Opted into Peninsula Clean Energy's 100% Renewable Energy / 100% Carbon-Free Plan for all municipal facilities.	2017

Level	Energy Efficiency & Conservation Activities	Reported
Platinum	1. Converted to energy efficient electronic ballasts in city lighting systems. 2. Energy efficiency upgrades to some city facilities, including \$1,422,738 of heating, ventilation and air conditioning improvements identified in the San Mateo County Energy Watch Energy Efficiency Audit. (Resolution 2014-30, Resolution 2015-29) 3. Installed Light Emitting Diode (LED) streetlights on all public streets. 4. Converted all traffic and pedestrian signals to LED's. Resolution 98-01 Authorizing the Replacement of Red Incandescent Traffic Lamps with Red Light Emitting Diode (LED) Signal Faces, 1/5/1998. (Resolution 2003-42) 5. Installed solar powered speed safety signs and LED Rectangular Rapid Flashing Beacons (RRFBs) near Bowditch Middle School and Edgewater Shopping Center. (Resolution 2014-117, Resolution 2014-61) 6. Gilead Sciences Sustainability Plan 7. Engaged in study, with County of San Mateo, regarding feasibility of Community Choice Aggregation for San Mateo County jurisdictions. (Resolution 2016-16) 8. Hosted a BayREN (Bay Area Regional Energy Network) community workshop on energy efficiency financing in April 2016 . 9. Joined Energy Upgrade California program to encourage energy efficiency retrofits by Foster city property owners www.energyupgradeca.com .	2017





Water & Wastewater Systems Activity

Level	Water & Wastewater Systems Activity	Reported
Silver	1. Installed low-flow toilets and state of the art irrigation systems and controllers.	2017

Level	Water & Wastewater Systems Activities	Reported
Gold	1. Installed water fixtures in city buildings that work on a sensor system to conserve water. (Resolution 3284) 2. Replaced turf grass in selected parks with synthetic turf which does not require irrigation. (Resolution 2011-11, Resolution 2006-12, Resolution 2003-113, Resolution 2014-3, Resolution 2012-04, Resolution 2009-05, Resolution 2008-113, Resolution 2016-52)	2017

Level	Water and Wastewater Systems Activities	Reported
Platinum	1. Planted drought tolerant landscaping at city facilities and in parks. (Resolution 2017-8) 2. The city is working with the city of San Mateo to implement a 20-year Master Plan to construct improvements at the Wastewater Treatment Plant to repair and replace aging infrastructure, address future growth and capacity issues, and address existing and future regulatory requirements. 3. Develop a Recycled Water Facilities Feasibility Plan (Resolution 3291) 4. 2015 Urban Water Management Plan and Updated Water Shortage Contingency Plan (Resolution 3335) 5. Implemented conservation-based water rates to encourage water conservation in the community. (Minute Order 1191) www.fostercity.org/publicworks/waterdistribution/Conservation-Based-Water-Rates.cfm 6. Declared Water Shortage Emergency and Implemented Drought-Related Water Conservation Measures (Resolution 3260, Resolution 3275) www.fostercity.org/drought 7. Established Water Sustainability Fund to fund a variety of water conservation rebates for residential and commercial EMID customers, including, but not limited to those for low-flow toilets, high-efficiency clothes washers and lawn replacement as incentives for water conservation. 8. Provides "home water audit" kits and educational assemblies for local schools. 9. Offers free "waterwise" informational resources for water customers. www.fostercity.org/publicworks/waterdistribution/Bay-Friendly-Gardening-Guide.cfm 10. Adopted the Revised Chapter 8.80, Outdoor Water Conservation in Landscaping, of Title 8, Water and Sewer Service of the EMID Code (Ordinance)	2017





Water & Wastewater Systems Activity

Level	Water and Wastewater Systems Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Through San Mateo County Water Pollution Prevention Program, offer residential rebates on rain barrels. www.flowstobay.org/rainbarrel 2. With San Mateo County Water Pollution Prevention Program, offer coupons and offer information through Foster city Television, literature distribution and Social Media sites about pollution prevention programs (car wash, nail salons, etc.) 3. Adopted Ordinance 132, Amending Sections 8.60.050 C, Nonessential Uses—Water Conservation, and Section 8.60.060 D, Nonessential Uses—Water Rationing, of Chapter 8.60, Water Conservation and Rationing, of Title 8, Water and Sewer Service, of the District Code to Add Mandatory Outdoor Water Use Restrictions as Required by the State Water Resources Control Board During the Existing Declared Water Shortage Emergency 4. Adopted Ordinance 133, Amending Chapter 8.80 — Outdoor Water Conservation in Landscaping, of Title 8, Water and Sewer Service of the Estero Municipal Improvement District 5. Adopted Ordinance 134, Amending Sections 8.60.050, Nonessential Uses—Water Conservation, and Section 8.60.060, Nonessential Uses—Water Rationing, of Chapter 8.60, Water Conservation and Rationing, of Title 8, Water and Sewer Service, of the Emid Code to Add Mandatory Potable Water Use Restrictions Consistent with Executive Order B-37-16 	2017





Green Building Activity

Level	Green Building Activity	Reported
Silver	1. Adopted statewide CalGreen Building Standards for new construction. (Ordinance 585)	2017

Level	Green Building Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Added Chapter 15.45 to Ordinance 595, Small Residential Rooftop Solar Systems, of Title 15, Buildings and Construction, to Provide an Expedited, Streamlined Permitting Process for Small Residential Rooftop Solar Systems 2. Authorizing Expenditure of Funds for Residential Solar Panel Rebate Program (Resolution 2016-55). 	2017

Level	Green Building Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. All city facilities participate in compost service. 2. Administers programs to meet and sustain a minimum 50% diversion rate mandated by the state, promoting residential and commercial recycling efforts. 3. Purchases "in-unit" recycling containers for residents of multi-family dwellings. (Resolution 2017-34) 4. Provides residential collection of batteries and cell phones in addition to providing a collection point at city Hall. 5. Sponsors community electronics recycling, paper shredding and compost give-away events. 6. Passed an ordinance requiring a minimum of 50 percent of the debris generated from certain construction and demolition projects be diverted from landfills to recycling facilities. (Updated Code effective 1/1/2017 increased construction and demolition requirements from 50% to 65%) 	2017





Waste Reduction and Recycling Activity

Level	Waste Reduction and Recycling Activities	Reported
Silver	1. Resurfaced streets using cold-in-place recycling of asphalt which reuses materials as well as reduces costs and reduces truck trips during construction.	2017

Level	Waste Reduction and Recycling Activities	Reported
Gold	1. Provides curbside collection service to all customers that includes the option for compost collection and single-stream (no sorting) recycling. 2. Recycles in all city facilities, including items like used lamps and ballasts from city lighting systems and used printer cartridges. (Resolution 2016-26, Resolution 2017-7)	2017

Level	Waste Reduction and Recycling Activities	Reported
Platinum	1. All city facilities participate in compost service. 2. Administers programs to meet and sustain a minimum 50% diversion rate mandated by the state, promoting residential and commercial recycling efforts. 3. Purchases "in-unit" recycling containers for residents of multi-family dwellings. (Resolution 2017-34) 4. Provides residential collection of batteries and cell phones in addition to providing a collection point at city Hall. 5. Sponsors community electronics recycling, paper shredding and compost give-away events. 6. Passed an ordinance requiring a minimum of 50 percent of the debris generated from certain construction and demolition projects be diverted from landfills to recycling facilities. (Updated Code effective 1/1/2017 increased construction and demolition requirements from 50% to 65%)	2017





Climate-friendly Purchasing Activity

Level	Climate-Friendly Activity	Reported
Silver	1. Participating in Regional Renewable Energy Procurement for purchase of solar.	2017

Level	Climate-Friendly Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Prioritizes purchase of fuel efficient and alternate fuel vehicles for city fleet where appropriate. 2. Participation in Peninsula SunShares Residential Solar and Electric Vehicle Bulk Procurement Program (Resolution 2016-31) 	2017

Level	Climate-Friendly Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Ensures that janitorial supplies used in city facilities are environmentally friendly: low pH diluted cleaning concentrates and renewable resource paper products. 2. Through Foster city Lagoon Management Plan, directs the use of environmentally-friendly products and processes, rather than chemical treatment, to manage lagoon water quality whenever possible. 	2017





Renewable Energy and Low-Carbon Fuels Activity

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Silver	1. Installing solar panels at the Library/Community Center, to be completed by May 2015. (Resolution 2014-77)	2017
Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Gold	1. Increasing the percentage of hybrids and electric vehicles in the city fleet and reviewing other fuel-efficient alternatives as vehicles are replaced. 2. Replaced some traditional vehicles with electric options for parks maintenance operations.	2017
Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Platinum	1. Coordinating bulk solar procurement opportunity for residential community in combination with other jurisdictions 2. Entering into Agreement with Vote Solar for Implementation of a Regional Community Residential Solar Bulk Purchase Program (Resolution 2014-89) 3. Reduced speed limits on most city streets to allow for use of Neighborhood Electric Vehicles (NEV) for intra-city transportation. 4. Minute Order 1017 Directing staff to take the necessary steps to reduce the speed limit, dated 1/4/2007	2017





Efficient Transportation Activity

Level	Efficient Transportation Activity	Reported
Silver	1. Adopting Complete Streets Policies and Program (Resolution 2012-63)	2017

Level	Efficient Transportation Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Support Safe Routes to School (Resolution 2002-35) 2. Facilitates electric car-charging for City Hall employees 	2017

Level	Efficient Transportation Activities	Reported
	<ol style="list-style-type: none"> 1. Facilitates electric car-charging for City Hall employees 2. Approving the Scope of Work for the Bicycle, Pedestrian, and Intersection Evaluation Study, Authorizing Staff to Issue the Request for Proposal (Rfp) for Professional Services and Authorizing Staff to Implement the Installation of Bike Sharrow Symbols/Legends as Street Pavements Are Rehabilitated (Resolution 2016-58) 3. Authorizing an Agreement, in the Amount of \$158,110, for Professional Traffic Engineering and Transportation Planning Services for the Bicycles, Pedestrian, and Intersection Evaluation Study (Resolution 2016-93, Resolution 2017-19) 4. Converted to a system by which water meters can be read remotely, eliminating the need to routinely access on-site meters around the city by automobile. 5. Maintains vehicle fleet in peak condition in order to maximize performance and minimize carbon emissions. 6. The City's vehicle inventory now includes eight hybrids and one electric vehicle. The use of hybrid and electric vehicles has resulted in unleaded fuel savings of approximately 6,520 gallons over the past three fiscal years. 7. Implemented an alternative schedule for most agency employees, reducing employee commuter trips from a traditional schedule. 8. Implemented the option for certain employees to telecommute from home, keeping cars off the roadways while maintaining a productive workforce. 9. Participates in annual Great Race for Clean Air, sponsored by the Spare the Air Team at the Bay Area Air Quality Management District. 10. Works with the Traffic Congestion Relief Alliance and employers to ensure that trip-reducing alternatives are available, introduced to employees, and publicized on a regular basis. 	2017





Efficient Transportation Activity

Level	Efficient Transportation Activities	Reported
<p>Platinum</p>	<ol style="list-style-type: none"> 11. Central website to promote all alternate commuting options available to Foster City commuters – www.connectfostercity.com 12. Promotes employer-operated shuttles to and from the San Mateo Caltrain Station and the Millbrae Intermodal Station from three areas: Lincoln Centre, North Foster City, and Mariners Island. 13. A shuttle agreement was required as part of the 100 Grand Apartments development agreement, completed in 2016. As such the Commute.org Mariner’s Island Shuttle route was adjusted to include 100 Grand Apartments. 14. Operates a Senior Express Shuttle to transport residents age 55 and older to events and activities in the region. o www.fostercity.org/parksandrecreation/senioractivities/senior-express-bus.cfm 15. Offered carpooling subsidy through private-public partnership 16. Approving an Agreement with Scoop Technologies for \$60,000 to Provide Subsidized Carpool Matching Services Available to Foster City Commuters (Resolution 2016-68) 17. Approving an Extended Agreement with Scoop Technologies for \$30,000 to Provide Subsidized Carpool Matching Services Available to Foster City Commuters (Resolution 2017-17) 	<p>2017</p>





Land Use and Community Design Activity

Level	Land Use and Community Activity	Reported
Silver	1. Joined CaliforniaFIRST, HERO and Figtree to enable Foster city property owners to access Property-Assessed Clean Energy (PACE) financing. (Resolution 2010-23, Resolution 2014-90, Resolution 2014-91, Resolution 2016-01)	2017

Level	Land Use and Community Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Consenting to Inclusion of Properties Within the city's Jurisdiction In the California Home Finance Authority Community Facilities District No. 2014-1 (Clean Energy) to Finance Renewable Energy Improvements, Energy Efficiency and Water Conservation Improvements and Electric Vehicle Charging Infrastructure and Approving Associate Membership in the Joint Exercise Of Powers Authority Related Thereto (Resolution 2016-02) 2. Consenting to Inclusion of Properties Within the city's Jurisdiction in the California Home Finance Authority Program to Finance Renewable Energy Generation, Energy and Water Efficiency Improvements and Electric Vehicle Charging Infrastructure and Approving Associate Membership in the Joint Exercise of Powers Authority Related Thereto (Resolution 2016-03) 	2017

Level	Land Use and Community Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Requires that bicycle racks be installed at all new commercial/office developments in town. Bicycle racks are also on all shuttles. 2. Maintains a bicycle/pedestrian path along the bay front—a leg of the Bay Trail that connects with trails maintained in neighboring cities and allows for an easy commute by bicycle between Foster city and a number of Peninsula cities. 3. Authorizing an Agreement for Professional Services for Preparation of an Environmental Impact Report for the Levee Protection Planning and Improvements Project (Resolution 2015-90) 4. Adoption of city of Foster city Climate Action Plan (Resolution 2016-15) 5. Adopting a Statement of Findings Under the California Quality Act, a Statement of Overriding Considerations, and a Mitigation Monitoring and Reporting Program Under the California Environmental Quality Act (CEQA) for the Foster city Levee Protection Planning and Improvements Project, (Resolution 2017-28) 6. Conducted extensive public outreach for Levee Protection Planning and Improvements Project (CIP 301-657) Adapting to Sea Level Rise 	2017





Open Space and Offsetting Carbon Emission Activity

Level	Open Space Offsetting Carbon Emission Activities	Reported
Silver	1. Adopted regulations prohibiting the installation or replacement of wood burning appliances unless conditions are met to protect air quality. (Ordinance 486)	2017

Level	Open Space Offsetting Carbon Emission Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Resolution 2014-87 Awarding an Agreement for Construction of Werder Park and Destination Park Improvement Projects, adding 6.5 acres of community park space to the Foster city parks system 2. Maintains storm water system in compliance with National Pollution Discharge Elimination System requirements, reducing pollution of Bay waters. 	2017

Level	Open Space Offsetting Carbon Emission Activities	Reported
Platinum	1. With Audubon Society, created new seasonal wetlands for bird habitat as part of lagoon dredging project.	2017





Promoting Community and Individual Action Activity

Level	Promoting Community and Individual Action Activities	Reported
Silver	1. Maintains a "Go Green" webpage to provide education resources to the community.	2017

Level	Promoting Community and Individual Action Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Created Green Footprint video series. www.fostercity.org/cityservices/FCTV-Green-Footprint.cfm 2. Developed sustainable.fostercity.org website to highlight Environmental Sustainability, Economic Development and Social Engagement programs, initiatives and accomplishments 	2017

Level	Promoting Community and Individual Action Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Supported Efforts of All Governments to Develop Policies and Programs to Reduce Global Warming (Resolution 2006-71) 2. Adopting the San Mateo County Energy Strategy (Previously adopted Resolution 2007-57, supporting the development of the strategy.) (Resolution 2009-17) 3. Is an active member of the Joint Venture Silicon Valley Network Climate Protection Taskforce, Sustainable Silicon Valley and ICLEI-Local Governments For Sustainability, USA in order to pursue regional climate protection alternatives. 	2017





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