

SILVER LEVEL AWARD WINNER

BEACON
SPOTLIGHT
AWARD
WINNER
BEST PRACTICE
ACTIVITIES



City of South San Francisco

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

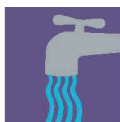
The Beacon Program is funded by California utility ratepayers and administered by Pacific Gas and Electric Company, San Diego Gas and Electric Company, Southern California Edison and Southern California Gas Company under the auspices of the California Public Utilities Commission.



SPOTLIGHT AWARD

Areas of Accomplishment

		SILVER LEVEL	GOLD LEVEL	PLATINUM LEVEL
	Agency GHG Reductions			
	Community GHG Reductions			
	Agency Energy Savings		19%	
	Natural Gas Savings			
	Sustainability Best Practice Activities	2016		



City of South San Francisco

Best Practice Activities

www.ca-ilg.org/BeaconAward/



Energy Efficiency and Conservation Activity

Level	Energy Efficiency and Conservation Activity	Reported
Silver	1. Installation of solar panels at the city hall annex.	2016

Level	Energy Efficiency and Conservation Activities	Reported
Gold	1. Replaced lights at city facilities with energy efficient upgrades. 2. Installed an energy management system at the Municipal Services Building (MSB).	2016

Level	Energy Efficiency & Conservation Activities	Reported
Platinum	1. Replaced boilers at city facilities. 2. Implemented a co-generation engine system at the Water Quality Control Plant. 3. Installed a high-efficiency turbo blower at the Water Quality Control Plant.	2016



Water & Wastewater Systems Activity

Level	Water & Wastewater Systems Activity	Reported
Silver	1. Reduced overall city water usage since by 57% since 2013 through a combination of reduction measures.	2016

Level	Water & Wastewater Systems Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Discontinued irrigation in turfed medians. 2. Limited watering of public landscaped areas to two times per week. 	2016

Level	Water and Wastewater Systems Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Began use of bioswales to allow rainwater to seep back into the ground. 2. Identified areas of water intensive landscape areas to be replaced. 3. Expanded use of mulch to conserve soil moisture. 	2016





Green Building Activity

Level	Green Building Activity	Reported
Silver	1. Coordinating with the San Francisco International Airport on the Aircraft Noise Insulation Program (ANIP), a program to insulate homes near the airport against noise, which also has the benefit of increasing energy efficiency of retrofitted homes by 30%.	2016

Level	Green Building Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Miller Avenue Parking Structure (a new public parking garage) was constructed with sustainable building materials, and contains other features such as bike parking, geothermal wells for heating and cooling, energy efficient lighting and water-efficient landscaping. 2. The city requires new non-residential construction to comply with standards regarding green building and renewable energy sources either through on-site renewable energy, participation in a power purchase agreement, or complying with CALGreen Tier 2 energy efficiency requirements. 	2016

Level	Green Building Activities	Reported
Platinum	1. Staff is trained in green building standards and technologies, in order to support the permitting process for construction that incorporates green building elements.	2016





Waste Reduction and Recycling Activity

Level	Waste Reduction Activity	Reported
Silver	1. Recycling receptacles are available in all city offices and facilities.	2016

Level	Waste Reduction Activities	Reported
Gold	<ol style="list-style-type: none"> 1. The city hosts e-waste recycling events on a regular basis. 2. The city has a green food packaging ordinance which includes a ban on polystyrene packaging. 	2016

Level	Waste Reduction Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. The city participates in a regional program to ban the use of single-use plastic bags. 2. Recycling and green waste facilities are available for all city residents and area businesses. 3. The city has a construction and demolition recycling ordinance in place, to reduce construction waste. The ordinance requires 100% of inert waste and 65% of non-inert waste to be recycled from all eligible projects. 	2016





Climate-friendly Purchasing Activity

Level	Climate-Friendly Activity	Reported
Silver	1. The city promotes purchasing through local businesses and vendors when feasible, to reduce greenhouse gas emissions.	2016

Level	Climate-Friendly Activities	Reported
Gold	1. The city requires consultant's documents to be submitted on recycled paper.	201

Level	Climate-Friendly Activities	Reported
Platinum		2016





Renewable Energy and Low-Carbon Fuels Activity

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Silver	1. The city has installed solar panels on the city hall annex, as a means of generating energy.	2016

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Gold	<ol style="list-style-type: none"> 1. The city has installed electric vehicle (EV) chargers within the public parking structure. 2. The city has joined the Peninsula Clean Energy (PCE) Program, which gives residents and businesses the option to purchase electricity from cleaner and renewable sources. 	2016

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Platinum	<ol style="list-style-type: none"> 1. The city has policies in place to streamline the permitting and installation of solar facilities. 2. The city operates a cogeneration engine system at the Water Quality Control Plant, which produces approximately 1/3 of the plant's electrical demand. 3. The city provides information on its website and at the permit center about resources to install solar and other energy efficient systems. 	2016





Efficient Transportation Activity

Level	Efficient Transportation Activity	Reported
Silver	1. The city has an adopted Bicycle and Pedestrian Master Plan, which is being implemented on a city-wide basis to improve bike and pedestrian infrastructure, and encourage these methods of transportation as alternatives to single-occupancy vehicles.	2016

Level	Efficient Transportation Activities	Reported
Gold	<ol style="list-style-type: none"> 1. South San Francisco participates in regional transportation task forces and committees to collaborate transportation planning goals and programs, and to take advantage of funding opportunities for transportation improvements. 2. The South City Shuttle is a free shuttle around South San Francisco, with trips to local stores, the senior center, libraries, City Hall and parks. The shuttle provides transit connections with SamTrans and BART. 	2016

Level	Efficient Transportation Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. The city installed and improved high visibility crosswalks in the downtown area, in order to enhance the pedestrian environment. 2. In order to promote bicycling, the city has requirements for bicycle parking for multi-family residential, commercial and public land uses. 3. The city has a Transportation Demand Management (TDM) ordinance with the purpose of reducing the amount of traffic generated by non-residential development, and providing alternatives to commuting via single-occupancy vehicles. 	2016





Land Use and Community Design Activity

Level	Land Use and Community Activity	Reported
Silver	1. General Plan guiding policies that focus on connections to transit, and creating a walkable and accessible community.	2016

Level	Land Use and Community Activities	Reported
Gold	<ol style="list-style-type: none"> 1. The recently adopted Downtown Station Area Specific Plan (DSASP) was developed to encourage transit oriented infill development. 2. The City has recently entitled over 500 transit-oriented development units in close proximity (within a ½ mile radius) of the Caltrain station, within the Downtown Station Area Specific Plan. Additional development opportunity sites within the DSASP are currently in the entitlement process, or have been identified for future development. 	2016

Level	Land Use and Community Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Adopted a Climate Action plan to reduce greenhouse gas emissions (GHGs) within the city. 2. South San Francisco participates in a regional effort (RICAPS) to implement the Climate Action Plan and collaborate on sustainability tools. 3. The recently updated Housing Element (2015) identifies potential sites for infill development, in order to encourage much-needed housing in efficient patterns and transit-accessible locations. 4. South San Francisco is in the midst of a project to upgrade and reconfigure the Caltrain Station, creating a pedestrian plaza, linkages to downtown, and enhanced access for pedestrians, bicyclists, commuter shuttles, and public transit. 5. The Zoning Code includes mechanisms for requesting reduced required parking within transit station areas. 	2016





Open Space and Offsetting Carbon Emission Activity

Level	Open Space Offsetting Carbon Emission Activities	Reported
Silver	1. South San Francisco is designated as a Tree City USA community by the Arbor Day Foundation.	2016

Level	Open Space Offsetting Carbon Emission Activities	Reported
Gold	<ol style="list-style-type: none"> 1. South San Francisco has a street tree ordinance that is designed to protect and preserve trees in the public right-of-way. 2. South San Francisco has an adopted Hillside Ordinance that is indented to manage the development of hillside areas, and ensure that development is compatible with the topography and preserves natural resources. 	2016

Level	Open Space Offsetting Carbon Emission Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. The city has a recently adopted Parks and Recreation Master Plan that is a strategy to meet the open space and recreational needs of current and future city residents. 2. Tree planting resources and information is available on the city's website to encourage tree planting activities. 	2016





Promoting Community and Individual Action Activity

Level	Promoting Community and Individual Action Activities	Reported
Silver	1. Development of the Climate Action Plan included a widespread community outreach and participation effort to help identify community priorities and interests.	2016

Level	Promoting Community and Individual Action Activities	Reported
Gold	1. South San Francisco participates in a regional effort (RICAPS) to implement the Climate Action Plan and collaborate on sustainability tools. 2. South San Francisco hosts e-waste recycling events on a regular basis.	2016

Level	Promoting Community and Individual Action Activities	Reported
Platinum	1. South San Francisco is participating in a regional Community Choice Aggregation program (Peninsula Clean Energy) to offer cleaner energy options to City residents and businesses.	2016



Notes:



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