

PLATINUM LEVEL AWARD WINNER

BEACON
SPOTLIGHT
AWARD
WINNER
BEST PRACTICE
ACTIVITIES



City of Malibu

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		14%	
	Natural Gas Savings			
	Sustainability Best Practice Activities	2017		



City of Malibu

Best Practice Activities

www.ca-ilg.org/BeaconAward/



Energy Efficiency and Conservation Activity

Level	Energy Efficiency and Conservation Activity	Reported
Silver	1. Community Outreach: The city website and social media outlets regularly include information about environmental issues, including energy efficiency rebates and green building. (www.malibucity.org/enviroed , www.malibucity.org/index.aspx?NID=681 , www.malibucity.org/rebates and www.malibucity.org/index.aspx?NID=683).	2017

Level	Energy Efficiency and Conservation Activities	Reported
Gold	<ol style="list-style-type: none"> Local Standards: (2011) The city had adopted its own local energy standards that required properties larger than average to use no more energy than a home of mean square footage in area, essentially exceeding the State's code for efficiency. However, CalGreen has since caught up. (www.malibucity.org/documentcenter/view/188) PACE: (2015) Malibu signed on to two PACE programs- HERO and Ygrene (www.heroprogram.com/ca/Malibu and https://ygreneworks.com/serviceareas-california/) 	2017

Level	Energy Efficiency & Conservation Activities	Reported
Platinum	<ol style="list-style-type: none"> Educational workshops: The city has hosted community workshops to encourage efficiency, such as one in August 2016 (www.malibucity.org/documentcenter/view/12848) Cool Roofs: (April 2017) The city brought an agenda item forward at City Council to mandate cool roofs. The item did not pass, but staff was directed to develop a process to incentivize projects that incorporate a cool roof. (http://malibucity.org/AgendaCenter/ViewFile/Item/2610?fileID=3166) 	2017





Energy Efficiency and Conservation Activity

Level	Energy Efficiency & Conservation Activities	Reported
Platinum	<p>3. Collaboratives & Partnerships:</p> <p>A. The city was a founder of the Malibu Area Conservation Coalition (MACC) which was an evolution from a water conservation partnership started in 2006 with its water wholesaler and retailer. Recognizing that wasting water, leads to water pollution and wasted energy, the partnership was expanded to local utility companies (c.2012). (www.malibucity.org/index.aspx?nid=697 and the Vision & Mission is attached)</p> <p>B. As a result of this relationship, the city is now exploring other collaborations with SoCal Edison and the Gas Company through their local government programs.</p> <p>C. The city sent two staff to the 2017 SEEC Forum in Fresno to learn more about energy efficiency and coordinate with peer agencies.</p>	2017





Water & Wastewater Systems Activity

Level	Water & Wastewater Systems Activity	Reported
Silver	1. Paradise Cove Clean Ocean Project: (2010) The Paradise Cove Clean Ocean Project was constructed to capture, clean, and disinfect up to one million gallons of stormwater and urban runoff per day from Ramirez Creek and the surrounding watershed. The project has three different filtration systems to remove trash, sediment, and bacteria from stormwater and urban runoff before any of it reaches the ocean. (www.malibucity.org/documentcenter/view/225)	2017

Level	Water & Wastewater Systems Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Wildlife Road Treatment and Outreach Project: (2015) The project included installation of a series of biofiltration swales and pre-manufactured stormwater biofiltration systems on Wildlife Road and Whitesands Place that intercept and treat stormwater runoff to protect the Area of Special Biological Significance (ASBS) 24, a state-designated critical coastal area with a rich biodiversity and fragile ecosystem. (www.malibucity.org/index.aspx?nid=447) 2. Broad Beach Road Biofiltration Project: (2015) The Broad Beach Road Biofiltration Project prevents dry weather flows, and treats feasible volumes of wet-weather flows that might otherwise discharge to the ASBS. The project diverts dry-weather and stormwater runoff from nine storm drain inlets along a one-mile stretch of Broad Beach Rd into a combined porous parking and engineered biofiltration system on the north shoulder. Runoff is treated through evapotranspiration and biofiltration. (www.malibucity.org/index.aspx?NID=445) 	2017

Level	Water and Wastewater Systems Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Efficient Plumbing at City Hall: (2011) As part of the City Hall renovation, water efficient fixtures and automatic flush toilets were installed. 2. Keep it Clean, Malibu: (2014) As part of the Wildlife Road project, the city developed a program and campaign to educate the community about ASBS 24. There is a prohibition on the discharge of any waste with a strict “only rain down the drain” policy. The campaign included storm drain art, PSA’s, community pledge, and collateral materials like hats and tattoos with the logos. Extensive outreach was also done to eliminate dry weather discharges and promote Ocean Friendly Landscapes. (www.malibucity.org/KeepitCleanMalibu or www.keepitcleanmalibu.com) 	2017





Water & Wastewater Systems Activity

Level	Water and Wastewater Systems Activities	Reported
Platinum	3. One Water: (2016) Launch of the One Water Malibu identity and logo to promote a holistic approach to water quality and conservation. It also included development of a water conservation video series/campaign during the recent drought featuring local community members, educational banners promoting sustainable landscaping styles, and a community event the “Malibu One Water Festival” in June 2016. (www.malibucity.org/onewater)	2017





Green Building Activity

Level	Green Building Activity	Reported
Silver	<p>1. City Hall Renovation: (2011) The city purchased and renovated a new City Hall. It was previously leasing a space and moved into the current City Hall in late May of 2011. In renovating, it aimed for LEED, so many environmentally-preferable green building options were included in the design. Energy-related elements included: installation of sola tubes to take advantage of natural light; use of light sensors; installation of a newer efficient HVAC system, while leaving space on the roof open for potential future PV installation; and window (film) upgrades to keep it cooler inside. Other green elements included: recycled content materials like counter tops with recycled glass; recycled content carpet squares that could be replaced in modular areas; purchasing used office furniture and work stations from a credit card company.(www.malibucity.org/index.aspx?NID=434).</p>	2017

Level	Green Building Activities	Reported
Gold		

Level	Green Building Activities	Reported
Platinum		





Waste Reduction and Recycling Activity

Level	Waste Reduction Activity	Reported
Silver	1. Household Hazardous Waste ABOP (c. 2002) and E-waste Events (c. 2007): Recycling events are held bi-monthly at City Hall, and events in neighboring communities are also promoted. (www.malibucity.org/index.aspx?nid=303)	2017

Level	Waste Reduction Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Dual Recycling & Trash Containers at city facilities: It is standard practice to ensure that there are dual containers in place so that recycling and trash receptacles are adjacent to prevent contamination that occurs when a recycling container is not nearby. 2. Clearstream Recycling: Using city/county recycling grant funds from CalRecycle, the City purchased ClearStream Recycling system units (www.clearstreamrecycling.com/default.asp) and implemented a program to use them at City recreational facilities and events. The city also has a lending program for the units, and has provided sets to schools and Boys & Girls Club for their permanent use for events on school grounds. 	2017

Level	Waste Reduction Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. Battery Recycling: (April 2017) An ongoing battery recycling program was launched at City Hall with two collection containers readily available. (www.malibucity.org/DocumentCenter/View/271) 2. Construction & Demolition Debris (C&D) Recycling Program: (2005) The city implements a C&D recycling program for public and private projects within Malibu. (www.malibucity.org/index.aspx?nid=415) 3. Events: As part of facility rental agreements, events must recycle and may not use polystyrene foam foodware/packaging, plastic shopping bags, or decorate with balloons. Special events 1000 attendees or greater, (regardless of if they are on City property or not) or smaller vents at the city's discretion (exceeding the State's requirement) are required to divert at least 50% of waste materials generated from the landfill. (www.malibucity.org/DocumentCenter/View/40 and www.malibucity.org/DocumentCenter/View/83) 	2017





Climate-friendly Purchasing Activity

Level	Climate-Friendly Activity	Reported
Silver	1. Environmentally Preferable Purchases and Recycled Content Products Policy (c. 2007) This policy established the city's stance to use environmentally friendly and recycled products. (www.malibucity.org/DocumentCenter/View/10031 Pages 1-4)	2017

Level	Climate-Friendly Activities	Reported
Gold	<p>1. Universal Wastes Policy: (c. 2011) This policy set up a process and promotion to reduce batteries generated at City Hall by purchasing and encouraging the use of rechargeable batteries by staff (www.malibucity.org/DocumentCenter/View/10031 starting on page 5)</p> <p>2. Greening City Practices: (April 2017) The city launched new waste reduction programs at City Hall for Earth Day 2017 by providing reusable foodware to staff, including:</p> <ul style="list-style-type: none"> • Reusable metal cutlery • Ceramic mugs • Water cups <p>A short video to educate staff was created and used to explain it to staff. The Green Rollout MP4 is available by request.</p>	2017

Level	Climate-Friendly Activities	Reported
Platinum		





Renewable Energy and Low-Carbon Fuels Activity

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Silver	1. Electric Vehicle Charging: (2000 & 2011) The city installed electric vehicle charging stations in the Civic Center area. (www.malibucity.org/index.aspx?NID=425)	2017

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Gold	1. Green Fleet: Most of the city's vehicle fleet are hybrid and there is consideration to move to only electric vehicles In the past, the city received a grant from ARB to install a CNG fueling station and had two CNG trucks that have since been decommissioned. (www.malibucity.org/index.aspx?NID=686).	2017

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Platinum		





Efficient Transportation Activity

Level	Efficient Transportation Activity	Reported
Silver	1. Grants: The city regularly competes for grant funding to improve traffic safety. Many projects have been awarded and completed to date. (www.malibucity.org/documentcenter/view/295)	2017

Level	Efficient Transportation Activities	Reported
Gold	<ol style="list-style-type: none"> 1. Cross Creek Road Improvements: (2008) To provide traffic calming features that improve safety for pedestrians and motorists, improve street drainage, and provide an aesthetically pleasing streetscape for the Cross Creek Road commercial area, decorative sidewalks, crosswalks and parking areas, landscaping, sidewalk furniture, storm drains, and street pavement were installed on Cross Creek Road. Environmental components of the project included porous sidewalks and parking areas, drought-tolerant landscaping, and the installation of recycled water piping and irrigation systems. (www.malibucity.org/index.aspx?NID=424) 2. Safe Routes to School: (2001-2006) To provide safe walking paths for kids in previously unpaved roadway shoulders, the city installed decomposed granite walkways along prime corridors used to walk to schools. (www.malibucity.org/DocumentCenter/View/440 and www.malibucity.org/documentcenter/view/441) 	2017

Level	Efficient Transportation Activities	Reported
Platinum	<ol style="list-style-type: none"> 1. PCH Bike Route Improvement: (2014) The city partnered with other local cities to identify potential areas to improve bike safety (www.malibucity.org/documentcenter/view/10175). Subsequently, (2015) striping and signage upgrades were installed across seven miles of Pacific Coast Highway near Zuma Beach, as well as shoulder and intersection improvements. (www.malibucity.org/index.aspx?NID=446) 2. PCH Bus Stop Improvements: (2015) Improvements promoting safety and accessibility for transit riders, and improving traffic flow for all modes of travel were made at 11 bus stops, 10 of which are located on PCH. The improvements included constructing sidewalks, curbs and gutters, curb ramps, asphalt concrete work, signage, traffic striping, and relocation of bus benches. (www.malibucity.org/index.aspx?NID=740) 	2017





Land Use and Community Design Activity

Level	Land Use and Community Activity	Reported
Silver	1. PCH Safety Study: (2015-2016) In collaboration with the Southern California Association of Governments (SCAG), the city conducted a safety study to examine current road conditions, determine accident patterns, assess traffic conflicts, and develop strategies to improve safety on Pacific Coast Highway (PCH) in Malibu. (www.malibucity.org/index.aspx?NID=443)	2017

Level	Land Use and Community Activities	Reported
Gold		2017

Level	Land Use and Community Activities	Reported
Platinum		2017





Open Space and Offsetting Carbon Emission Activity

Level	Open Space Offsetting Carbon Emission Activities	Reported
Silver	1. Las Flores Creek Restoration & Park Project: (2008 & 2016) The Project restored the creek and preserved the natural area, created a new public park, and helped prevent future flooding. Phase 1 included most of the park construction and major repairs to restore Las Flores Creek including walking trails, picnic areas, preservation and naturalization work on Las Flores Creek through planting of over 45 varieties of native plant species, and installation of interpretive signage. Phase II consisted of improvements to provide additional park amenities, greater ease of access, and increased safety for park visitors and adjacent neighborhoods, including a foot bridge, restrooms, and emergency services storage. (www.malibucity.org/index.aspx?NID=668)	2017

Level	Open Space Offsetting Carbon Emission Activities	Reported
Gold	1. Legacy Park: (2010) The creation of Legacy Park also restored and developed important native coastal habitats, while creating open space for passive recreation and environmental education. It offers a living learning center, informational kiosks, an outdoor classroom, a cultural interpretive center, and numerous other features to provide information and education about flora and fauna along the Southern California coast. Referred to as an environmental cleaning machine, Legacy Park can capture up to 2.6 million gallons per day of stormwater and urban runoff for treatment and disinfection. The clean water is then reused for irrigation of the park. (www.malibucity.org/index.aspx?NID=427) 2. Solstice Creek Bridge Replacement: (2008) This project included the demolition, removal, and replacement of the old concrete bridge located on Corral Canyon Rd just north of PCH to remove barriers that prevent fish passage. It improved the potential for migration of steelhead trout into the riparian habitat of the Solstice Canyon Creek Watershed. Additional work included road improvements, riparian re-vegetation, landscaping, and irrigation work. (www.malibucity.org/index.aspx?NID=438)	2017

Level	Open Space Offsetting Carbon Emission Activities	Reported
Platinum	1. Trancas Canyon Park: (2013) The project included multi-purpose turf fields for non-scheduled activities, an off-leash dog park, and a playground integrating recycled content materials and furnishings (video at https://youtu.be/S3VeaAyLopI?list=UUMjqZYGMJujjiVBQ-901x_Q and www.malibucity.org/Facilities/Facility/Details/5)	2017





Open Space and Offsetting Carbon Emission Activity

Level	Open Space Offsetting Carbon Emission Activities	Reported
Platinum	2. Bluffs Park Ocean Friendly Demonstration Garden: (2013) Installed at prominent Bluffs Park, it was constructed to allow people to see OFG conservation principles in action (like water conservation, rainwater harvesting, use of native plants, carbon cutting by using compost and beneficial soil practices) and to encourage residents to practice them in their own yards. The project was funded through a State Water Resources Control Board grant with contributions from the City of Malibu, West Basin Municipal Water District, Los Angeles County Waterworks District 29, and the generous support of materials and services from the community. (www.malibucity.org/index.aspx?NID=507)	2917





Promoting Community and Individual Action Activity

Level	Promoting Community and Individual Action Activities	Reported
Silver	1. Community Outreach: The city uses its website and social media outlets (community calendar, notify the, Facebook, Twitter, and Instagram) to inform the community about sustainable and environmentally themed events in the area. (www.malibucity.org/calendar.aspx , http://malibucity.org/notifyme , https://www.facebook.com/MalibuEnviro/ , https://twitter.com/malibuenvirodpt , and www.instagram.com/keepitcleanmalibu/)	2017

Level	Promoting Community and Individual Action Activities	Reported
Gold	1. Day without a Bag: (2008) As an early adopter of a plastic shopping bag ban, the city offered reusable bags to the community regularly at events, in particular the annual Day Without a Bag in partnership with Heal the Bay that occurred around the busy winter holidays shopping season. 2. Engaging Kids: Since kids act like Jimminy Cricket reminding their parents to do the right thing, and if they are encouraged and taught with a green ethos, they grow up to be environmentally conscious adults, the city takes opportunities to engage and work with kids and young adults on community programs. Some examples are giving talks at elementary schools, having kids volunteer at events (like Day without a Bag or Earth Day), Pepperdine University business student environmental projects (2012), and promoting a water-themed educational and art competition (One Water Festival June 2018). (www.malibucity.org/index.aspx?nid=272)	2017

Level	Promoting Community and Individual Action Activities	Reported
Platinum	1. Waste to Waves: The city partners with Sustainable Surf to host at least two month-long expanded polystyrene foam recycling events each year, encouraging people to reduce and recycle white block foam packaging material such as used to protect appliances and electronics. The material is then re-purposed into such products as recycled content surf board blanks. (www.malibucity.org/calendar.aspx?eid=2023 and http://wastetowaves.org/) 2. One Water – Bottle Filling Station Promotion: (May 2017) Launched in partnership with and funded partially by the city’s water wholesaler West Basin Municipal Water District, community members are encouraged to come to City Hall and use the new water bottle filling stations which feature a digital display tracking the number of plastic bottles saved/not used. In return, they receive a special cup with reusable straw if they post the photo to social media of themselves using the station and tagging it #OneWaterMalibu. (www.malibucity.org/onewater)	2017





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