

GOLD LEVEL AWARD WINNER

BEACON  
SPOTLIGHT  
AWARD  
WINNER  
BEST PRACTICE  
ACTIVITIES



# City of Malibu

Sustainability Best Practices Activities



**ILG** INSTITUTE FOR  
LOCAL GOVERNMENT<sup>SM</sup>  
*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		2018	



## City of Malibu

### Best Practice Activities

[www.ca-ilg.org/BeaconAward/](http://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. ( <a href="http://www.malibucity.org/enviroed">www.malibucity.org/enviroed</a> , <a href="http://www.malibucity.org/index.aspx?NID=681">www.malibucity.org/index.aspx?NID=681</a> , <a href="http://www.malibucity.org/rebates">www.malibucity.org/rebates</a> and <a href="http://www.malibucity.org/index.aspx?NID=683">www.malibucity.org/index.aspx?NID=683</a> ).	2018

Level	Energy Efficiency and Conservation Activities	Reported
Gold	1. 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. ( <a href="http://www.malibucity.org/documentcenter/view/188">www.malibucity.org/documentcenter/view/188</a> ) 2. PACE: (2015) Malibu signed on to two PACE programs- HERO and Ygrene ( <a href="http://www.heroprogram.com/ca/Malibu">www.heroprogram.com/ca/Malibu</a> and <a href="https://ygreneworks.com/serviceareas-california/">https://ygreneworks.com/serviceareas-california/</a> )	2018

Level	Energy Efficiency & Conservation Activities	Reported
Platinum	1. Educational workshops: The city has hosted community workshops to encourage efficiency, such as one in August 2016 ( <a href="http://www.malibucity.org/documentcenter/view/12848">www.malibucity.org/documentcenter/view/12848</a> ) 2. 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. ( <a href="http://malibucity.org/AgendaCenter/ViewFile/Item/2610?fileID=3166">http://malibucity.org/AgendaCenter/ViewFile/Item/2610?fileID=3166</a> )	2018



# Energy Efficiency and Conservation Activity

Level	Energy Efficiency & Conservation Activities	Reported
Platinum	<p>3. Collaboratives &amp; Partnerships:</p> <ol style="list-style-type: none"> <li>1. 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). (<a href="http://www.malibucity.org/index.aspx?nid=697">www.malibucity.org/index.aspx?nid=697</a> and the Vision &amp; Mission is attached)</li> <li>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.</li> <li>C. The city sent two staff to the 2017 SEEC Forum in Fresno to learn more about energy efficiency and coordinate with peer agencies.</li> </ol> <p>4. Dark Skies: (April 2018) the city adopted a “dark skies” ordinance to regulate outdoor lighting through the adoption of comprehensive citywide outdoor lighting standards into Title 17 (Zoning) of the Malibu Municipal Code. The ordinance is meant to preserve Malibu’s rural character and quality of life, protect wildlife and habitats from light pollution, preserve enjoyment of the night-time sky, and promote the city’s goal of conserving energy and natural resources. (<a href="https://www.malibucity.org/705/Dark-Sky-Ordinance">https://www.malibucity.org/705/Dark-Sky-Ordinance</a>)</p>	2018





# 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. ( <a href="http://www.malibucity.org/documentcenter/view/225">www.malibucity.org/documentcenter/view/225</a> )	2018

Level	Water & Wastewater Systems Activities	Reported
Gold	<ol style="list-style-type: none"> <li>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. (<a href="http://www.malibucity.org/index.aspx?nid=447">www.malibucity.org/index.aspx?nid=447</a>)</li> <li>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. (<a href="http://www.malibucity.org/index.aspx?NID=445">www.malibucity.org/index.aspx?NID=445</a>)</li> </ol>	2018

Level	Water and Wastewater Systems Activities	Reported
Platinum	<ol style="list-style-type: none"> <li>1. Efficient Plumbing at City Hall: (2011) As part of the city hall renovation, water efficient fixtures and automatic flush toilets were installed.</li> <li>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. (<a href="http://www.malibucity.org/KeepitCleanMalibu">www.malibucity.org/KeepitCleanMalibu</a> or <a href="http://www.keepitcleanmalibu.com">www.keepitcleanmalibu.com</a>)</li> </ol>	2018





# Water & Wastewater Systems Activity

Level	Water and Wastewater Systems Activities	Reported
Platinum	<ol style="list-style-type: none"> <li data-bbox="349 512 1279 722">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. (<a href="http://www.malibucity.org/onewater">www.malibucity.org/onewater</a>)</li> <li data-bbox="349 722 1279 968">4. Wastewater Treatment Facility: (2018) The Civic Center Wastewater Improvement Project is part of the city’s Integrated Water Quality Management Plan that is improving water quality in Malibu Creek, Malibu Lagoon, and Surfrider Beach. It is a community wastewater collection, treatment, reuse, and dispersal facility that will provide approximately 70 million gallons of recycled water each year for reuse throughout the city. The facility is operational as of May 2018. (<a href="https://malibucity.org/837/Civic-Center-Wastewater-Treatment-Facili">https://malibucity.org/837/Civic-Center-Wastewater-Treatment-Facili</a>)</li> <li data-bbox="349 968 1279 1119">5. Clean Bay Certified Restaurants: (2009-2018): Malibu has partnered with The Bay Foundation and other Santa Monica Bay cities to recognize businesses that integrate sustainability and ocean-mindedness into their business practices. Staff inspects and certifies restaurants each year. (<a href="https://www.malibucity.org/508/Clean-Bay-Restaurants">https://www.malibucity.org/508/Clean-Bay-Restaurants</a>)</li> </ol>	2018





# Green Building Activity

Level	Green Building Activity	Reported
<b>Silver</b>	1. City Hall Renovation: (2011) As mentioned, the city incorporated green building elements into the renovation of city hall. 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 California-based office.	<b>2018</b>

Level	Green Building Activities	Reported
<b>Gold</b>	<ol style="list-style-type: none"> <li>1. City Hall Water Bottle Filling Stations: (2017) In partnership with West Basin Municipal Water District, the city installed two water bottle filling stations to reduce the use of single-use water bottles and encourage citizens to make the switch to reusable goods. As of April 2018, the filling stations have kept over 21,500 plastic water bottles out of the landfill.</li> <li>2. Construction &amp; Demolition Debris (C&amp;D) Recycling Program: (2005) The city implements a C&amp;D recycling program for public and private projects within Malibu city limits and requires C&amp;D project managers to recycle or reuse a minimum 65% of the waste generated. (<a href="https://www.malibucity.org/DocumentCenter/View/264/Construction--Demolition-">https://www.malibucity.org/DocumentCenter/View/264/Construction--Demolition-</a></li> </ol>	<b>2018</b>







# Green Building Activity

Level	Green Building Activities	Reported
<p><b>Platinum</b></p>	<ol style="list-style-type: none"> <li data-bbox="347 506 1271 751"> <p>1. Parks and Facilities Water Conservation Plan: (2015) The plan reflects the city's commitment to water conservation by establishing water use guidelines based on drought conditions and community priorities. The plan also requires future projects to include landscaping that adheres to the use of native plants and drought-tolerant landscapes as part of all new city projects. (<a href="https://www.malibucity.org/DocumentCenter/View/12234/Water-Conservation-Plan---Final-2015">https://www.malibucity.org/DocumentCenter/View/12234/Water-Conservation-Plan---Final-2015</a>)</p> </li> <li data-bbox="347 772 1271 1018"> <p>2. West Side Energy Partnership: (2018) The City of Malibu passed a resolution to join the West Side Energy Partnership, a local government partnership that includes Southern California Edison, SoCalGas, the Energy Coalition, and five other LA County cities. Through involvement in the partnership, the city will receive enhanced utility incentives and rebates and will gain assistance in determining and tracking energy efficiency projects in city facilities.</p> </li> <li data-bbox="347 1039 1271 1365"> <p>3. Southern California Regional Energy Network: (2018) The City of Malibu enrolled in the the Southern California Regional Energy Network for Public Agencies (SoCalREN) in early 2018. This program is administered by Los Angeles County, and created by the California Public Utilities Commission to help public agencies in Southern California implement projects that save energy and money. The SoCalREN identifies measures and works side by side with agency staff from design through construction to help accomplish energy efficiency. The city is provided turnkey solutions and a range of technical services to fit specific project needs.</p> </li> </ol>	<p><b>2018</b></p>





# Waste Reduction and Recycling Activity

Level	Waste Reduction Activity	Reported
<b>Silver</b>	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. ( <a href="http://www.malibucity.org/index.aspx?nid=303">www.malibucity.org/index.aspx?nid=303</a> )	<b>2018</b>

Level	Waste Reduction Activities	Reported
<b>Gold</b>	<ol style="list-style-type: none"> <li>1. Dual Recycling &amp; 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.</li> <li>2. Clearstream Recycling: Using city/county recycling grant funds from CalRecycle, the city purchased ClearStream Recycling system units (<a href="http://www.clearstreamrecycling.com/default.asp">www.clearstreamrecycling.com/default.asp</a>) 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 &amp; Girls Club for their permanent use for events on school grounds.</li> </ol>	<b>2018</b>





# Waste Reduction and Recycling Activity

Level	Waste Reduction Activities	Reported
Platinum	<ol style="list-style-type: none"> <li>1. Battery Recycling: (April 2017) An ongoing battery recycling program was launched at city hall with two collection containers readily available. (<a href="http://www.malibucity.org/DocumentCenter/View/271">www.malibucity.org/DocumentCenter/View/271</a>)</li> <li>2. Temporary Use and Special Event Permits: As part of facility rental agreements, events must recycle and may not use polystyrene foam foodware/packaging, plastic shopping bags, or decorate with balloons. In 2018, the city's temporary use permit was updated to prohibit the use of plastic cutlery, straws, and stirrers at city facilities. Special events 2000 attendees or greater, (regardless of if they are on city property or not) are required to submit a Recycling &amp; Disposal Plan and Post-Event Report and divert at least 50% of waste materials generated from the landfill. (<a href="https://www.malibucity.org/DocumentCenter/View/4632/Temporary-Use-Application-">https://www.malibucity.org/DocumentCenter/View/4632/Temporary-Use-Application-</a>) c</li> <li>3. Plastic Bans: (2005, 2008, 2017, and 2018) Malibu has banned polystyrene foam, plastic bags, sandbags, straws, stirrers, and cutlery. The city has prohibited the distribution of single-use plastic shopping bags since 2008. In 2017, the city amended its Plastic Bag Ban to allow businesses to distribute only recycled paper bags for a fee. Since 2005, the sale or distribution of polystyrene foam food containers and packing materials has been prohibited in Malibu. In 2017, the city amended its polystyrene ban to include ice chests, meat trays, egg cartons, beach toys, buoys, and navigational markers. In 2018, Malibu became the first city to ban plastic and bioplastic single-use plastic straws, stirrers, and cutlery in retail stores and restaurants. (<a href="https://www.malibucity.org/861/Plastic-Bans">https://www.malibucity.org/861/Plastic-Bans</a>)</li> </ol>	2018





# Climate-friendly Purchasing Activity

Level	Climate-Friendly Activity	Reported
<b>Silver</b>	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. ( <a href="http://www.malibucity.org/DocumentCenter/View/10031">www.malibucity.org/DocumentCenter/View/10031</a> Pages 1-4	<b>2018</b>

Level	Climate-Friendly Activities	Reported
<b>Gold</b>	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 ( <a href="http://www.malibucity.org/DocumentCenter/View/10031">www.malibucity.org/DocumentCenter/View/10031</a> starting on page 5) 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: <ul style="list-style-type: none"> <li>• Reusable metal cutlery</li> <li>• Ceramic mugs</li> <li>• Water cups</li> </ul> A short video to educate staff was created and used to explain it to staff. The Green Rollout MP4 is available by request.	<b>2018</b>

Level	Climate-Friendly Activities	Reported
<b>Platinum</b>	1. Integrated Pest Management Policy: (2016) The city eliminated the use of all pesticides on city-owned parks, roads, and property, and removed traps. After a 2-year pilot program, the city's long-term IPM Policy (renamed "Earth Friendly Management Policy") is going through the CEQA process with a public comment period from May 4 - June 4, 2018. ( <a href="https://www.malibucity.org/AgendaCenter/ViewFile/Item/2251?fileID=2672">https://www.malibucity.org/AgendaCenter/ViewFile/Item/2251?fileID=2672</a> and <a href="https://www.malibucity.org/760/Park-Maintenance">https://www.malibucity.org/760/Park-Maintenance</a> )	<b>2018</b>





# 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. ( <a href="http://www.malibucity.org/index.aspx?NID=425">www.malibucity.org/index.aspx?NID=425</a> )	2018

Level	Renewable Energy and Low Carbon Fuels Activity	Reported
Gold	<p>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. (<a href="http://www.malibucity.org/index.aspx?NID=686">www.malibucity.org/index.aspx?NID=686</a>).</p> <p>2. Clean Power Alliance: (2017) The City of Malibu joined the Clean Power Alliance (CPA) of Southern California in 2017. The alliance is a coalition of cities that have come together to purchase electricity in the wholesale power market, and sell it to their residents and businesses at competitive rates. The CPA intends to purchase cleaner and more renewable electricity and offer it to customers at a cost that is less than Southern California Edison. The CPA will expect to have more than 1 million residential accounts and a quarter million commercial accounts by the end of the year and will help decrease greenhouse gas emissions by 9%. (<a href="https://www.malibucity.org/681/Energy">https://www.malibucity.org/681/Energy</a> and <a href="https://malibucity.org/AgendaCenter/ViewFile/Minutes/_12202017-1082">https://malibucity.org/AgendaCenter/ViewFile/Minutes/_12202017-1082</a>)</p>	2018

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. ( <a href="http://www.malibucity.org/documentcenter/view/295">www.malibucity.org/documentcenter/view/295</a> )	2018

Level	Efficient Transportation Activities	Reported
Gold	<ol style="list-style-type: none"> <li>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. (<a href="http://www.malibucity.org/index.aspx?NID=424">www.malibucity.org/index.aspx?NID=424</a>)</li> <li>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. (<a href="http://www.malibucity.org/DocumentCenter/View/440">www.malibucity.org/DocumentCenter/View/440</a> and <a href="http://www.malibucity.org/documentcenter/view/441">www.malibucity.org/documentcenter/view/441</a>)</li> </ol>	2018

Level	Efficient Transportation Activities	Reported
Platinum	<ol style="list-style-type: none"> <li>1. PCH Bike Route Improvement: (2014) The city partnered with other local cities to identify potential areas to improve bike safety (<a href="http://www.malibucity.org/documentcenter/view/10175">www.malibucity.org/documentcenter/view/10175</a>). 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. (<a href="http://www.malibucity.org/index.aspx?NID=446">www.malibucity.org/index.aspx?NID=446</a>)</li> <li>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. (<a href="http://www.malibucity.org/index.aspx?NID=740">www.malibucity.org/index.aspx?NID=740</a>)</li> <li>3. Bus Shelters Installation: (2017) In partnership with Metro, three (3) bus shelters were installed at the city's highest volume transit stops to increase visibility and enhance ridership experience, with the goal of encouraging public transit ridership. (<a href="https://www.malibucity.org/DocumentCenter/View/16387/06-29-2017-City-of-Malibu-Cuts-Ribbon-on-Three-New-Metro-Bus-Shelters">https://www.malibucity.org/DocumentCenter/View/16387/06-29-2017-City-of-Malibu-Cuts-Ribbon-on-Three-New-Metro-Bus-Shelters</a>)</li> </ol>	2018





# 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. ( <a href="http://www.malibucity.org/index.aspx?NID=443">www.malibucity.org/index.aspx?NID=443</a> )	2018

Level	Land Use and Community Activities	Reported
Gold	<p>1. PCH Safety Study: (2015-2016, 2017) 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. (<a href="http://www.malibucity.org/index.aspx?NID=443">http://www.malibucity.org/index.aspx?NID=443</a>) As a result of the PCH safety study, the city is in the process of installing communication to establish signal synchronization on a portion of PCH. (<a href="https://www.malibucity.org/DocumentCenter/View/16402/05-09-2017-Malibu-Moves-Forward-on-PCH-Traffic-Signal-Synchronization">https://www.malibucity.org/DocumentCenter/View/16402/05-09-2017-Malibu-Moves-Forward-on-PCH-Traffic-Signal-Synchronization</a>)</p> <p>2. Beachfront Standards: (2005) Policies are in place to maximize public access to and along the coast this maximizes public recreational opportunities in the coastal zone consistent with sound resource conservation principles and constitutionally protected rights of property owners. The City of Malibu General Plan and LCP Land Use Plan (LUP) include implementation measures and policies that prohibit development on bluff face, require development to be sited outside of bluff retreat and set back from the edge of the bluff to avoid and minimize visual impacts and to preserve the views of the Pacific Ocean, offshore islands, the Santa Monica mountains, canyons, valleys, and/or ravines. In addition, Malibu Municipal Code 17.40 sets specific standards for all developments both beach front and non beach front to protect Malibu's coastal and natural resources.</p>	2018

Level	Land Use and Community Activities	Reported
Platinum		2018





# Open Space and Offsetting Carbon Emission Activity

Level	Open Space Offsetting Carbon Emission Activities	Reported
<b>Silver</b>	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. ( <a href="http://www.malibucity.org/index.aspx?NID=668">www.malibucity.org/index.aspx?NID=668</a> )	<b>2018</b>

Level	Open Space Offsetting Carbon Emission Activities	Reported
<b>Gold</b>	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. ( <a href="http://www.malibucity.org/index.aspx?NID=427">www.malibucity.org/index.aspx?NID=427</a> ) 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. ( <a href="http://www.malibucity.org/index.aspx?NID=438">www.malibucity.org/index.aspx?NID=438</a> )	<b>2018</b>

Level	Open Space Offsetting Carbon Emission Activities	Reported
<b>Platinum</b>	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 <a href="https://youtu.be/S3VeaAyLopI?list=UUMjqZYGMJujjiVBQ-901x_Q">https://youtu.be/S3VeaAyLopI?list=UUMjqZYGMJujjiVBQ-901x_Q</a> and <a href="http://www.malibucity.org/Facilities/Facility/Details/5">www.malibucity.org/Facilities/Facility/Details/5</a> )	<b>2018</b>







## 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. ( <a href="http://www.malibucity.org/index.aspx?NID=507">www.malibucity.org/index.aspx?NID=507</a> )	2018





# 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. ( <a href="http://www.malibucity.org/calendar.aspx">www.malibucity.org/calendar.aspx</a> , <a href="http://malibucity.org/notifyme">http://malibucity.org/notifyme</a> , <a href="https://www.facebook.com/MalibuEnviro/">https://www.facebook.com/MalibuEnviro/</a> , <a href="https://twitter.com/malibuenvirodpt">https://twitter.com/malibuenvirodpt</a> , and <a href="http://www.instagram.com/keepitcleanmalibu/">www.instagram.com/keepitcleanmalibu/</a> )	2018

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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). ( <a href="http://www.malibucity.org/index.aspx?nid=272">www.malibucity.org/index.aspx?nid=272</a> )	2018

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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. ( <a href="http://www.malibucity.org/calendar.aspx?eid=2023">www.malibucity.org/calendar.aspx?eid=2023</a> and <a href="http://wastetowaves.org/">http://wastetowaves.org/</a> ) 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. ( <a href="http://www.malibucity.org/onewater">www.malibucity.org/onewater</a> )	2018





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<b>Platinum</b>	3. Plastic Straws, Cutlery, and Stirrers Ban Outreach: (2018) To promote the city's new plastic straw, cutlery, and stirrers ban, staff delivered a box of environmentally safe paper straws to each local food service business, samples of compostable cutlery, and a plastic free guideline for reusable and disposable straw, cutlery, stirrer alternatives. People that posted a photo to social media and tagged #StrawlessOcean received a reusable stainless steel straw and brush. ( <a href="https://www.malibucity.org/DocumentCenter/View/16937/02-15-2018-Straws_Ban_PressRelease">https://www.malibucity.org/DocumentCenter/View/16937/02-15-2018-Straws_Ban_PressRelease</a> and <a href="https://www.malibucity.org/civicalerts.aspx?aid=610">https://www.malibucity.org/civicalerts.aspx?aid=610</a> )	<b>2018</b>





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