MAKING AN IMPACT TOGETHER

2015

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Collaborative for Arts, Science & Culture

Why Sustainability Matters in Balboa Park

As we continue to face an increasing number of climate-related challenges – drought, rising sea level and changing weather patterns – sustainability has an increasing importance to community gathering places such as parks and cultural institutions. The Balboa Park Sustainability Program (BPSP) advances environmentally friendly solutions amongst our 29 member institutions. These strategies help protect Balboa Park's natural and cultural resources, strengthen economic viability of our members through reduced operating expenses and enhance visitor experience and enjoyment.

The Sustainability Program is a collaborative effort between the City of San Diego, San Diego Gas & Electric (SDG&E) and an alliance of Balboa Park and community partners and volunteers. Together we are working to become one of the most sustainable parks in the nation. In light of the City of San Diego's ambitious 2015 Climate Action Plan, we are excited to continue our work towards a greener, more sustainable future.

Inside this guide, you will learn about BPCP's 2015 sustainability initiatives, profiles of Balboa Park's LEED-certified buildings, and snapshots of some of 2015's greenest moments. Read on for more!



MAKING AN IMPACT TOGETHER

2015 Balboa Park Sustainability Accomplishments



Literacy

In Practice

The Balboa Park Green Team was established by two Park institutions in 2013 with a simple goal — enhance employee engagement to green their institutions. Today, 22 institutions are actively represented. That's 76% of BPCP members! With diverse professional backgrounds, Green Team representatives meet quarterly to stay informed on best practices and support each other in implementing sustainability initiatives. Open this map to learn additional Green Team "Fast Facts."

90%

member participation in the Sustainability Program

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76%

of BPCP members have Green Team representatives

Six Balboa Park buildings received LEED® Silver certification in 2015 with support from SDG&E and the San Diego Green Building Council. That's more certifications than any other park in California. This brings us closer to reaching our collective goal to have ten LEED certified buildings. Along with pursuing LEED, BPCP members reduced their energy, water and waste footprints. Open to the next section and learn more about the six LEED Silver certifications.

Climate Impacts

Energy Reduction: 205,190 kWh

Same amount as 30 passenger vehicles driven in 1 year Water Reduction: 931,417 gallons

Same amount as 1.41 Olympic swimming pools



Leadership

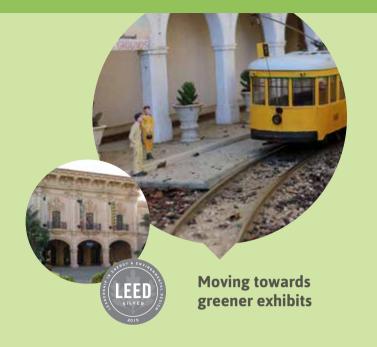
At the 10th Annual SDG&E Energy Showcase, top-performing organizations competed for one of ten awards. Balboa Park, in partnership with the City of San Diego, took home first place as the 2015 Co-Energy Grand Champion. This award recognizes our holistic commitment to the environment. BPCP also celebrates outstanding sustainability efforts of leading partners and members during our annual Sustainability Partners' Breakfast. Read more about the Partners' Breakfast and these awards in the map.

Highlights from the 2015 Partners' Breakfast

Sustainability 2.0, What's next when the low-hanging fruit has been picked?



Balboa Park Sustainability Program - Six LEED Silver Certifications of 2015



Casa De Balboa

Resident Institutions: Balboa Art Conservation Center, Committee of 100, Japanese American History Society of San Diego, Museum of Photographic Arts, San Diego History Center and San Diego Model Railroad Museum

Certification Highlights: Casa de Balboa implemented several building-wide carbon-saving solutions – such as replacing gas with batterypowered tools that are lighter, quieter and "visitor friendly" (getting rid of that unpleasant gasoline smell). The San Diego Model Railroad Museum updated exhibit lighting, which resulted in significant energy savings, increased lighting control and an improved visitor experience.







Casa Del Prado

Resident Institutions: San Diego Botanical Garden Foundation, San Diego Civic Dance Arts, San Diego Civic Youth Ballet, San Diego Junior Theatre, San Diego Youth Symphony and Conservatory and Senior Lounge

Certification Highlights: Resident institutions at Casa del Prado worked together to identify ways to divert significant amounts of waste by adding more recycling bins in their public areas, classrooms and rehearsal spaces, as well as a green waste bin behind the Botanical Garden. The Senior Lounge now uses cups made from recycled material, reusable coffee filters and composts their coffee grounds.





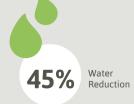


Federal Building

Resident Institutions: Balboa Park Online Collaborative and San Diego Hall of Champions

Certification Highlights: Federal Building tenants decreased their environmental footprint by identifying green purchasing options. Now, 70% of the cleaning products used at the San Diego Hall of Champions are environmentally friendly and sustainable. This building identified events as a large contributor to waste. As a result, the San Diego Hall of Champions now works with clients to incorporate LEED standards into all events.



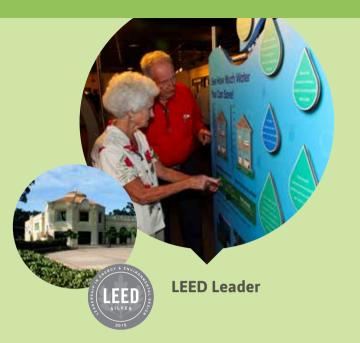




House of Charm

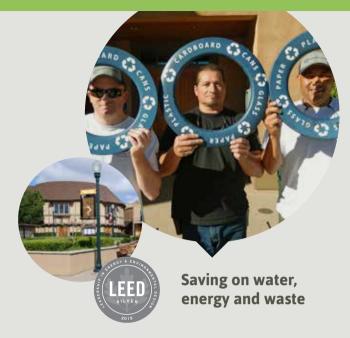
Resident Institutions: Mingei International Museum, The Old Globe Rehearsal and San Diego Art Institute

Certification Highlights: As a response to the current CA drought, the resident institutions at House of Charm upgraded restrooms with low-flow water fixtures that use 20-75% less water from the one previously installed. Specifically at the Mingei International Museum, an Energy Star certified dishwasher was installed, reducing water consumption by 15%. These upgrades reduce energy and maintenance costs in addition to these water savings.



Reuben H. Fleet Science Center

Certification Highlights: The Reuben H. Fleet Science Center became the first LEED Existing Buildings: Operations + Maintenance recertification project in the City of San Diego. As an energy leader in the Park, both lighting and temperature in the building are controlled by an energy management system based on room occupancy. Other key projects include a water bottle refilling station and exhibitions on energy efficiency.



The Old Globe

Certification Highlights: The Old Globe is one of the most renowned regional theatres in the country, producing a year-round season of 15 plays and musicals on its three stages. They implemented water and energy savings technology throughout the facilities, such as low-flow fixtures and LED lighting. Deeper energy savings were realized by adding timers to water heaters and vending machines. By participating in a wastestream audit, staff identified diversion strategies that were then implemented in the office, the iconic plaza and backstage.













²⁰¹⁵ Balboa Park **SUSTAINABILITY**

To celebrate the 100-year anniversary of the 1915 Panama-California Exposition, the Balboa Park Sustainability Program hosted a series of events and projects in 2015 to galvanize a legacy of sustainability and position the Park for another century of leadership. Our collaborative efforts with 68 community partners — including San Diego Gas & Electric (SDG&E) and the City of San Diego — reduced water, waste and energy use; educated staff and the community around us; earned LEED Silver certifications and presented nine awards and accolades to partners; expanded green team efforts; and much more — all within 12 months!





vibrant culture vibrant city

mission for Arts and Culture City of San Diego

Ester

Balboa Park Sustainability Award Winners

The Partners' Breakfast is a way for the Sustainability Program to recognize specific partners and individuals for their activities in the area of sustainability. The Sustainability Award honors BPCP members that demonstrate leadership through execution of innovative sustainability projects. The Outstanding Partner Award honors external stakeholders that have contributed significantly to the greening efforts of Balboa Park.

Partners' Breakfast Recap

Over 120 of San Diego's sustainability professionals gathered for the 2015 Balboa Park Sustainability Partners' Breakfast to engage in a discussion themed Sustainability 2.0: What's next after the low-hanging fruit has been picked? Regional experts from the City of San Diego, Navy Region Southwest, SDG&E and San Diego State University provided remarks.

Commission for Arts and Culture Grant **Water Projects**

The Commission for Arts and Culture provided special interest funding to improve the visitor experience in Balboa Park while helping cultural organizations conserve water. This grant provided funding to upgrade plumbing fixtures, allowing us to save approximately 219,417 gallons of water – a 50% reduction in indoor water use in three buildings!



TIMELINE





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Casa de Balboa LEED Silver certified House of Charm LEED Silver certified

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FEB

Greening Balboa Park Corporate Event with Rexel
Sustainability kiosk arrives

at Casa de Balboa

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Recycler of award reco the Ruben Science Cer

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f the Year Ignizes H. Fleet nter	Water Retrofits throughout the Park	BPCP Joins AAM PICGreen Committee	ommittee kiosk arrives at the Ruben H. Fleet Energy Science Center hampion	Sustainability kiosk arrives at the San Diego Automotive Museum	The Old Globe Theatre LEED Silver certified Federal Building LEED Silver certified
	Buildings Energy Star Award Co-Grand Chan	SDG&E 2015 Energy Co-Grand Champion with City of San Diego		Reuben H. Fleet Science Center LEED Silver recertified	
				Balboa Park Sustainability Partners' Breakfast	

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Founding Partner





Supporters





SAN DIEGO GREEN BUILDING COUNCIL

Photo Credit: Richard Bentor