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- i Light Festival Marina Bay Sands

Sands ECO360 Quarterly

“A Quarterly Insight into Las Vegas Sands Corp. Sustainability Activities”

By: Barbara Gore, Global Sustainability Manager

Global Event >>>

Let Nature Shine through Darkness – Global Celebration of Earth Hour

Our resorts around the globe again joined one of the world’s largest collective environmental movements, Earth Hour, to raise awareness about the effects of climate change and the importance of sustainable living.

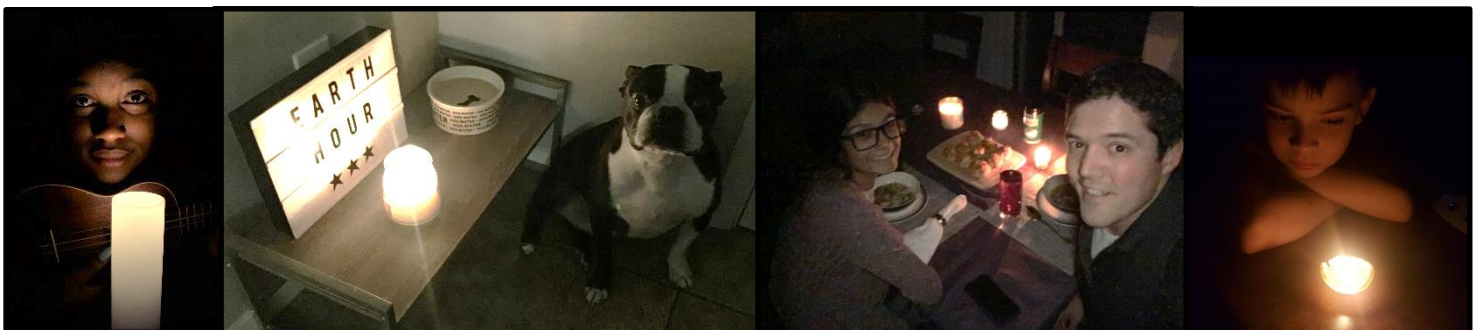
During the campaign, 30 Sands China Cares Ambassadors attended a tree planting event where they stepped away from their busy day to give back to the planet and explore the outdoors (*see right*). Team Members also took a walk around the mountain and received a free plant to take home after volunteering. The trees planted during this event will help support wildlife in the surrounding area by creating new habitat for birds and other animals.



In celebration at Marina Bay Sands, 443 Team Members completed a one and a half mile walk around the Integrated Resort while the lights were out. The World Wide Fund for Nature’s iconic mascot, the once endangered giant panda, accompanied the group on the walk, snapping photos and bringing a playful and cheerful atmosphere to the event (*see right*).



The Venetian, The Palazzo and Sands Expo focused on the impact they could have by turning off marquee and non-essential exterior lighting. The property signs that sit atop the building turned green and then switched off at the start of Earth Hour. The face of all the buildings, usually illuminated with bright exterior lights went dark, creating a noticeably dimmer environment on the luminescent strip. The property also conducted a photo contest encouraging Team Members to switch off lights at home and submitted creative photos with their families (*see below*).



Chinese New Year Celebrations Incorporate Sustainability at Sands China Ltd.

This February, the Year of the Dog Chinese New Year celebration brought multiple days of vibrant festivities to Asia. The Sands Cotai Central's Wardrobe department celebrated sustainably by creating a cartoon dog decoration (see right) using unused buttons, old uniforms, and other recycled materials. The statue maintains its shape from stuffing made of discarded garments and plastic bags, while its smile and nose are made of repurposed black buttons. The embroidered bellman's cap was creatively crafted from recovered uniforms from SCL's Food and Beverage department.



Team Member's Green Ideas Challenge Proposal Becomes Reality

The Green Ideas Challenge held last year sourced various creative solutions to sustainability problems from property Team Members. First place winner Lea De Los Santos from housekeeping proposed donating gently used items from guest suites to local charity to give them a second life. Lea stated "I believe that if everybody will do their part, even just a small act, it would make a great impact on protecting our environment." The Las Vegas sustainability and housekeeping teams have partnered with a local non-profit, Lighthouse Charities to make Lea's idea a reality. The partnership was officially put into place in April and the property has already donated over 500 items including ice buckets, recycling bins, desk organizers, makeup mirrors, irons, hair dryers and more that would otherwise go to waste. Lighthouse provides these items to refugees and at risk families to help them get back on their feet. The charity also created a Job Skills program for refugees to expedite their knowledge English and become more employable to employers.



Marina Bay Sands Receives Green Mark Platinum Recertification



BCA GREEN MARK

Marina Bay Sands again achieved Platinum Level Certification through Singapore's well-recognized sustainable building rating system, Green Mark. In order to achieve this recognition, the structure must meet high environmental standards across multiple categories including energy and water savings, healthy indoor environments, and the adoption of greenery into space. Buildings consume abundant amounts of energy and resources on a daily basis. Incorporating efficiency into everyday operations helps us reduce our footprint, conserve the environment, and brings Las Vegas Sands closer to meeting our greenhouse gas reduction goals.

Urban Farming Builds Community and Supports Sustainability at Marina Bay Sands

"Why am I an urban farmer? I am happiest when I am surrounded by plants with my hands in the earth."

Carolyn Grant is an urban farmer who spends her days pruning flowers and wild edibles in Marina Bay Sand's (MBS) outdoor herb gardens. She prepares clippings for the kitchen harvest and colorful flowers to be placed in centerpieces at Rise restaurant. Many of her days are spent irrigating the soil beds, keeping the garden neat and tidy, and catching pesky grasshoppers to be relocated to new homes.

One herb garden sits just outside of Rise restaurant, while a second is located at the very top of the building near Spago, giving resort chefs immediate access to fresh ingredients. Through partnership with Edible Garden City, a civic and environmentally minded social enterprise, MBS was able to bring these gardens to life. Edible Garden City is a champion in the 'grow-your-own-food movement' and seeks to 'foodscape' unique spaces by planting and growing real food in underutilized spaces such as rooftops or tiny corridors. Rise's herb garden was once a vacant patio that now grows over 60 different varieties of plants including flowers, herbs, aloe vera, teas, and more.

Carolyn and other urban farmers enjoy educating international travelers, locals, children, and all others who visit the garden on botany and sustainable farming. Chefs from around the resort use herbs and other plants in their dishes and sometimes attend garden harvesting workshops. Her favorite part about working in the garden is the community. "The garden is a beautiful little oasis and the folks that venture here are usually just as excited about being in the garden as we are about sharing it with them."



Thousands of Bottles Turned Into The Venetian and The Palazzo Uniforms

If plastic bottles are not disposed of properly they often end up floating in the ocean or sitting in landfills where they can take 450 years to decompose! However, if recycled, some of these single-use containers gain a second life. Cleaned and reclaimed plastic can be transformed into new products that we use every day, including eco-friendly clothing! The Wardrobe department at The Venetian and The Palazzo in Las Vegas is sourcing 'Eco-Suits' made from bottles for multiple departments including Front Desk, Concierge, Floral, Housekeeping and more! The conversion process from bottle to blouse is simple: plastics are first collected at recycling plants, cleansed, and broken down into small chips. The chips are then turned into millions of tiny pellets and melted into a hot liquid. As it cools, the liquid is spun into a fine thread and woven into fabrics that soon become Eco-Suits. In 2017, Las Vegas Sands purchased enough Eco-Suit uniforms to divert 61,732 plastic bottles away from the landfill!



Landmark Expo and Convention Venues in Las Vegas are Recertified for Environmentally Sustainable Meetings, Events, Trade Shows and Conferences



Sands Expo and the Convention Center at The Venetian and The Palazzo Las Vegas again received the advanced “level two” industry certification for environmentally sustainable meetings, events, trade shows and conferences from leading sustainable events organization, APEX Convention Industry Council and ASTM International. The Venetian and Sands Expo complex was the first venue in the world to attain its initial

certification in 2013. The standards assess how well meeting and convention centers incorporate waste reduction, energy savings, water conservation, and sustainable products into event operating practices. The certification achievement demonstrates our continued commitment to delivering sustainable services to event clients.

Sustainability Students Take Behind Scenes Green Tour of Sands China Ltd.



More than 20 students from local Macao universities attended an exclusive two-part tour hosted by Sands China Ltd. (SCL) where they learned about the Sands ECO360 strategy and the Integrated Resort’s sustainability operations. Students visited the building’s chiller plant and learned about how efficient cooling technologies help keep the building at a comfortable temperature without using too much energy. The group then visited the food waste digesters to see how organic material is decomposed and diverted waste from the landfill. Lastly, they

stopped by the recycling dock to explore how plastics, glass, and cardboard are handled after guests have disposed of them.

Sustainability Storytelling through Light Art at Marina Bay Sands

Marina Bay Sands featured 22 installations created by artists from around the world for “i Light Marina Bay”, Asia’s leading sustainable light art festival. One exhibit developed by Hungarian artist group, Limelight, created exhibits that explored the relationship between sustainability and development in the 21st century using 3D animation and light map projections. The festival also featured ILLUMI Bar, an LED-lit pop-up lifestyle space and illuminated lounge made of recyclable plastic furniture. The property also supported the festival’s signature campaign, ‘Switch Off, Turn Up’ by switching off non-essential lighting and turning up air-conditioning temperatures to save energy.



- Sands ECO360 annual report
- Clean Compressed Natural Gas Buses at SCL
- Macao Green Hotel Awards Announcement

*We’d love to hear from you!
Email your comments and/or questions to
SandsECO360@Sands.com.*