

SANDSECO360 QUARTERLY

Developed by Barbara Gore, Global Sustainability Manager

INSIGHT INTO LAS VEGAS SANDS SUSTAINABILITY ACTIVITIES

1ST QUARTER 2019

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GLOBAL EVENT

Party for the Planet

Festivities for Earth Hour Take Place around the Globe

What started as a symbolic lights off campaign is now a powerful global movement that individuals, businesses and cities in 188 countries join annually. Taking place in March each year, Earth Hour inspires people to connect with nature and pledge support for the planet.

Marina Bay Sands (MBS) held an electrifying three-day festival of music, food and culture, organized by WWF. The festival featured a range of activities including a multi-sensory maze designed to educate the public about the rapid loss of nature, and a Shop for Nature Marketplace that showcased crowd-favorite sustainable brands and products.

In conjunction with the Earth Hour festivities, 534 Team Members (TMs) completed a two-mile walk around Marina Bay, alongside 16 beneficiaries from Children's Wishing Well – a local charity which provides a broad range of services for children and youth from low-income families nationwide. TMs who completed the walk and a Facebook quiz testing their sustainability knowledge were treated to traditional fish (MSC-certified) and chips served by Bread Street Kitchen or herb falafel pita by db Bistro & Oyster Bar. The new sustainability mascots also made their debut at the walk – the furry siblings were named Ozzy and Oana by MBS TMs in a Facebook poll. More than 40,000 members of the public

and TMs attended the three-day event.

Sands China Ltd. celebrated their own take on Earth Hour through Climate Week, during which they encouraged action on climate change by educating TMs on simple lifestyle changes. The sustainability team invited TMs to the Energy Savings Roadshow where they could trade-in the incandescent and compact fluorescent bulbs they use at home for ultra energy-efficient LEDs. More than 2,500 energy-saving lighting products were sold during Climate Week.

On Saturday, March 30th at The Venetian Resort Las Vegas, the tower marquees turned green. Additionally, from 8:30 p.m. to 9:30 p.m. the tower signs, all non-essential lighting and marquees were turned off in observance of Earth Hour.



Ozzy and Oana, MBS 'Sustainability Mascots'



Kenneth Leong, Ailynn Seah, and Jun Tan, at Marina Bay Sands Earth Hour



MBS Team Members before the two-mile walk

Reaching the Summit

Global Sustainability Teams Convene to Share Ideas

A robust sustainability program requires diversity in thought and experience, along with constant collaboration. The Sands ECO360 program thrives when we take time to put our heads together to approach environmental issues in new ways. In February, the sustainability teams from each property and multiple champions from executive leadership, food and beverage and housekeeping, convened to share best practices and think about our program's future. Some unique sessions included lessons from the field of behavioral science, and a Q&A on industry trends with Norbert Riezler, chief procurement and sustainability officer, and Mark McWhinnie, senior vice president of resort operations and development, SCL. There were also multiple 'show and tells' from leaders like Dina Angelucci, vice president of housekeeping, who brought in water saving bath robes and bulk amenity dispensers for the team to try out.

The group took away knowledge, best practices and renewed inspiration that they will carry into their work at their respective properties. The creativity, passion and generosity that our facilitator, Jesko Von Den Steinen, associate director, Human Resources Innovation & Productivity Centre, SCL, brought to the summit through consultation, planning and session coordination raised the bar for future sustainability summits. The sustainability team would like to extend a sincere thanks to Jesko and our other guests and coordinators who helped make the event a success!

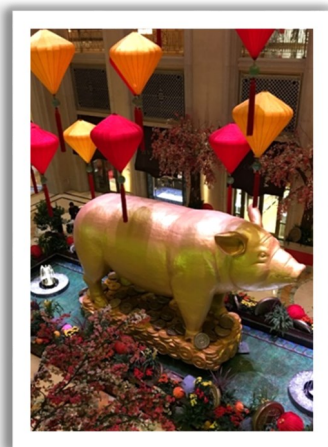


COMMUNITY ENGAGEMENT & WASTE REDUCTION

This is kind of a pig deal



The 3,000 pound, 16 foot tall Chinese New Year golden pig displayed at The Venetian Resort Las Vegas, was hauled off for a second life at the Las Vegas Livestock, a local pig farm that receives food waste from many casinos including our own. Nine additional smaller pigs positioned around the property were also donated to the farm. Dana Beatty, executive director of floral operations, coordinated the effort with Las Vegas Livestock and also regularly organizes other décor donations to non-profit groups such as Opportunity Village and The Lion Habitat Ranch. Dana stated, "I always look forward to providing businesses with unused or unneeded resort props. They carry on to bring joy to our community." Repurposing décor items around property not only supports great causes in the local community but also helps keep waste out of the landfill.



IN THE NEWS



It's not me, it's you.

There's something I need to tell you, this relationship isn't working. It isn't good for me. I'm breaking up with you.

[Youtube: #CleanSeas Plastics Break-Up PSA](#)

by UN Environment

AWARDS



[MBS Sustainable Events](#)

[Management System recertification](#)

MBS was the first MICE facility in South East Asia to obtain the ISO 20121 Sustainable Events Management System certification in 2014. This year, MBS received recertification. Designed to improve sustainability throughout the entire event management cycle, the certification has helped boost MBS' competitive edge and enables sustainability-conscious clients to enhance their reputation.

[SCL Energy Savings Award](#)

The Macau Electricity Company presented four Sands China Ltd. properties with awards for their participation in an energy savings contest held in 2018. The competition challenged hotels and other businesses in Macao to compete against one another to reduce electricity consumption. The Plaza Macao tied for first runner up and also received the Continuous Energy Savings Award, while The Venetian Macao received the Excellence Award.

[FTSE4Good Index Series Ranking \(See p. 3\)](#)

AWARDS

Ethical Investment Index Recognizes Sands China

Sands China Ltd. was recognized by a leading environmental, social and governance investment index, FTSE4Good, which ranks company performance across multiple sustainability categories including climate change, corporate governance, customer responsibility, anti-corruption, labor standards and human rights and community. FTSE4Good is part of FTSE Russell, a prominent British provider of stock market indices owned by the London Stock Exchange. The acknowledgement by the investor community highlights the success of ECO360 and the hard work of Sands China Ltd.



STAKEHOLDER ENGAGEMENT

Spreading the Word

Housekeeping ECO360 Poster Contest

The Housekeeping team at The Venetian Resort Las Vegas held their annual Sands ECO 360 Sustainability Poster contest to raise awareness on the department's sustainability practices and the company's ECO360 goals. A total of 85 Team Members participated with each housekeeping floor forming their own team. The two criteria for posters were: be creative and be green!

Sandra Wild, executive director hotel operations housekeeping services stated

"I was very impressed by the details displayed by the Housekeeping team for this sustainability poster competition! It was rewarding to see how much thought, diligence and work went into the projects. My goal is to educate the team and drive positive change by having fun competitions resulting in a more sustainable operation."



The winning team's posters will be showcased in our TM dining rooms Ciao and Pronto. The winners are as follows:

- 1st Place – Lead by Housekeeping Floor Manager Nazary Alvarez with her team of 19
- 2nd Place – Lead by Housekeeping Floor Manager Roxana Romero with her team of four
- 3rd Place – Lead by Housekeeping Floor Manager Samudraja Weerabahu with her team of two



ECO SPOTLIGHT

SANDS ECO360 Interview

The connection of how our daily roles and responsibilities impact the planet is not always clear. Man Chan, associate director of wardrobe at Sands Cotai Central sat down with sustainability to discuss how he and wardrobe are helping make their day to day operations more sustainable.

Q: What are some of the wardrobe team's recent sustainability initiatives?

Sands China Ltd. wardrobe has implemented various initiatives this year. The hundreds of plastic clips that we use each week to hold up dry cleaned clothing can now be returned at the wardrobe counter and reused. For uniform delivery, we switched from using one plastic garment bag to cover one single garment, to now using one garment bag to cover five garments. This greatly reduced the number of bags we go through each day. Lastly, for laundry pick up, we moved away from plastic completely and now use reusable cloth garment bags.

Q: How do you think of new ideas for sustainability?

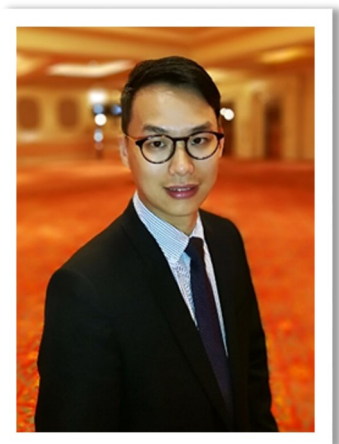
We always review what can be done to reduce, reuse and recycle in our operations. We review environmental friendly fabrics for new uniform orders and consider things like iron free fabric which reduces the total cleaning procedure time and saves water and energy.

Q: What's one sustainability project that you are passionate about?

We launched a uniform washing poster campaign that was very successful. Many people don't realize all of the resources used to clean clothes such as detergent, water, electricity, transportation and more. We created a set of posters to educate Team Members on the environmental impact of uniform washing. Solely through this communication campaign we saw a reduction in the number of times Team Members decided to wash their uniforms, and have had the added benefit of instilling more sustainable habits in our Team Members. The influence and impact we had were much bigger than what we thought in the beginning.

Q: What are some new sustainability projects that you have your eye on?

Wardrobe is working with procurement and the uniform manufacturer to identify fabrics made from recycled plastic bottles. A culinary chef coat sample with recycled polyester content will be ready soon for wash and wear testing.



STAKEHOLDER ENGAGEMENT

Seeing is believing

Virtual Reality Highlights Eco Challenges

Stepping into MeshMinds 2.0: ArtxTechforGood, you'll find an immersive multi-sensory experience where you can help clean a polluted ocean or envision the future of our cities. This exhibit at the ArtScience Museum in Marina Bay Sands was created by a new generation of artists ready to tackle the toughest challenges facing our planet. Held from March 8th to 17th, visitors were invited to take part in the ongoing conversation on sustainability through the lens of technology and the arts. The exhibit also highlighted the United Nations Sustainable Development Goals, Singapore's declaration of 2019 as the Year towards Zero Waste, and the #beatplasticpollution movement. 851 Team Members visited the exhibit.



SUSTAINABLE FOOD

It has arrived



Healthy, tasty, plant-based meat at Marina Bay Sands

Marina Bay Sands has unveiled the highly anticipated Impossible 2.0, a plant-based food product that looks, tastes, and feels like meat, at three of its celebrity chef restaurants. An upgrade from previous version, the Impossible 2.0 contains no gluten, cholesterol, animal hormones or antibiotics. The kosher and halal-certified plant-based meat features just as much iron and protein as 80/20 ground beef from cows, and has an iron-containing ingredient that produces the same "meaty" flavor of beef. According to California-based Impossible Foods, the product uses only a small fraction of land, water and energy, compared to livestock which is responsible for 15 percent of global greenhouse gas emissions and consumes 25 percent of the world's fresh water. During the launch, Ian Wilson, Senior Vice President, Non-Gaming Operations, Marina Bay Sands noted that "We are committed to reducing our overall impact on the environment, and are passionate in driving new initiatives that champion



The Impossible Sliders from CUT
by Wolfgang Puck at Marina Bay Sands

our cause. Through collaborations with organizations such as Impossible Foods, we are able to harness research and technology to help innovate our operations."

The Sustainability department organized the Taste Impossible® private party on March 8th, hosting over 170 guests including clients, partners from the sustainability and hospitality community, as well as media. Held at Adrift, the party gave the guests a sneak preview of various dishes cooked with Impossible meat. The launch marks a new chapter in Marina Bay Sands' journey in sustainable dining and provides new eco-friendly options for our guests.

2018 ENVIRONMENTAL PERFORMANCE HIGHLIGHTS

The year in numbers

We've made tremendous progress this year on our energy, water and waste goals. We completed 38 energy efficiency projects and multiple water conservation, recycling and waste reduction projects. Below are some of the key stats we are most proud of. For our full portfolio performance, contact SandsECO360@sands.com to obtain a copy of this year's SandsECO360 report upon release.

ENERGY



Saved
31 million
kilowatt hours of
energy
from 2017 to 2018

WATER



Used
142 million
gallons of water less
than the 2015 baseline¹

WASTE



Diverted
29 thousand
short tons of waste
from 2017 to 2018

¹ Excluding newly opened properties.

IN THE NEXT ISSUE

WASTE DIVE AT THE VENETIAN RESORT LAS VEGAS

We'd love to
hear from you

Please email us your comments
or questions at:

SandsECO360@sands.com