

SANDSECO360 QUARTERLY

Developed by Barbara Gore, Global Sustainability Manager

INSIGHT INTO LAS VEGAS SANDS SUSTAINABILITY ACTIVITIES

3RD QUARTER 2019

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TEAM MEMBER ENGAGEMENT

Discovering hidden depths of plastic pollution: Team Members watch A Plastic Ocean

Deep below the ocean's surface, a diver encounters the elusive blue whale, the size and length of nearly three school buses put together. The whale opens its jaw to catch millions of krill and tiny fish; along with its meal are thousands of plastic bits that are nearly indistinguishable from food. The plastic pieces bobbing on the surface are indicative of what is hidden deep within the ocean.

Team Members at Sands China Ltd. and The Venetian Resort Las Vegas watch the story play out at screenings of the documentary film, *A Plastic Ocean*. The film uncovers alarming truths about plastic pollution and reveals working solutions that we all can support. Both resorts held education activities after the event to empower Team Members to take action by reducing their plastic footprint.

Sands China Ltd. invited two passionate local activists, Jean Chalmers and Benvinda Santos, to lead an interactive Q&A session for more than 900 Team Members after the screening. They discussed how Team Members can refuse and reduce single-use plastic, and answered questions about the effect of plastic on the environment. At The Venetian Resort Las Vegas, more than 105 Team Members attended the screening. Afterwards, attendees tested their knowledge by taking a sustainability quiz and pledged to reduce their own plastic use. The movie was later hosted on myHR, where it has been viewed by an additional 679 Team Members.

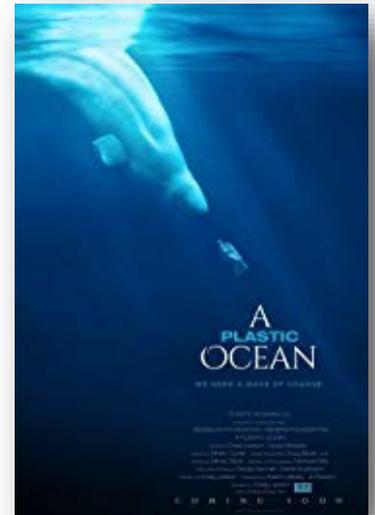


Photo credit: [A Plastic Ocean](#)
Quote credit: [Blue Ocean Society](#)



"The problem with plastic is it is the most durable product we have ever made. How can something so durable be disposable? Every piece of plastic ever made is still on the planet in some shape or form. In the film we illustrate this by taking a submarine to the bottom of the Mediterranean where we find fields of plastic bottles and bags. Because there's no light, no oxygen and no wave action there, this rubbish will remain there forever and we currently have no way of recovering it."

Craig Leeson, A Plastic Ocean Film Director

Calling all mooncakes

The Mid-Autumn festival in Asia brings about celebrations, family gatherings and endless mooncakes. The small, round pastries usually filled with red bean or lotus seed paste represent good fortune associated with a full moon. Long-standing initiatives to reduce mooncake packaging waste by the Macau Environmental Protection Bureau and others in the region have helped make this delicacy better for the planet. Each year, Sands China Ltd. joins these efforts by making paper and metal mooncake box recycling available for all Team Members in the Heart of House as well as for resort guests at designated hotel counters. This year's initiative took place from September 9th until October 3rd.



Mooncake photo credit: [Huong Ho](#) on [Unsplash](#)

IN THE NEWS



[Floating Boom Collects Plastic from Great Pacific Garbage Patch](#)

Yes, there is a literal patch of garbage bobbing in the Pacific Ocean between Hawaii and California.

Dutch scientists have engineered a huge floating device in an attempt to collect the rubbish.

The boom had its first successful catch, picking up everything from fishing nets to car tires, and even microplastics. This story highlights how the system works and what the team has accomplished thus far.

[Business Roundtable Redefines the Purpose of a Corporation](#)

The Business Roundtable is an association of chief executive officers (CEOs) of America's leading companies. This August, the 181 CEOs signed a new "Statement of Purpose" which outlines a modern standard for corporate responsibility.

Credit: [The Guardian](#) and [Business Roundtable](#)



Photo credit: [The Appalachian Wildlife Refuge](#)

Wands for Wildlife: Helping critters and reducing waste

Appalachian Wildlife Refuge is a small nonprofit that received global attention when a simple request for old mascara wands went viral. Needing small, soft brushes to remove larva, dust and other harmful elements from ailing wildlife, co-founder and wildlife rehabilitator Savannah Trantham posted a request on her personal Facebook page. One of her friends, a makeup consultant, shared it on her business page, where it took off, and Wands for Wildlife® grew from there.

At The Venetian Resort Las Vegas, Melissa Jenkins, office manager for group services, enlisted the help of the hotel division (concierge, Palazzo front desk, housekeeping, resort services and The Venetian front desk) in their efforts to collect 1,000 used mascara wands in one month to donate to Appalachian Wildlife Refuge.

"I first learned about the Wands for Wildlife initiative through a Facebook post, and I am so glad I did," Melissa said. "Working with Kimberly and her team was such an amazing experience - They are truly doing something remarkable! Coming together to collect wands for the wildlife refuge and seeing how one wand can save a wild life is incredibly rewarding."

The six teams surpassed their goal, collecting 1,164 wands in total, with Housekeeping contributing the most wands to the Wands for Wildlife® Wandraiser.



ECO SPOTLIGHT

Executive chef Shaun Candon shares approach for sustainability

A passionate advocate of sustainability, executive chef Shaun Candon is always on the lookout for opportunities to incorporate this ethos into banquet operations. He believes that sustainability can go hand-in-hand with the fundamentals of food operations, resulting in less waste, as well as better efficiency and productivity. Traveling all around the world and witnessing food waste occurring right next to severe hunger and desperation has made him determined to minimize food waste. Sands ECO360 interviewed Chef Candon to see how he brings “people” and “planet” into the kitchen.



What are your team’s most recent sustainability efforts?

We recently transitioned from single-use butter and yogurt packaging to bulk packaging. This is estimated to eliminate over 100,000 pieces of single-use packaging a year. We have also been actively supporting local farmers in sourcing of ingredients. With the help of our

sustainability and facilities teams, the lighting in our MICE kitchens was fitted with energy-saving LED lighting, which is much brighter and reduces energy by 50%.

What are some future projects that your team is planning to make banquet operations even more sustainable?

We are adopting a two-pronged approach towards sustainability. First, we are harnessing technology. To reduce paper usage, we are looking into issuing iPads to our senior team to minimize printing of banquet event orders and re-orders. We are also exploring the use of contemporary buffet units that will help us to move away from the use of Sterno fuel jars, thousands of which are used daily to keep the food warm. Secondly, we are focusing on education and engagement. We recognize that sustainability requires changes in human behavior and we are constantly engaging with our clients on different ways to reduce food waste.

What do you see as the biggest opportunity in banquets in terms of sustainability?

A few months back, we had the opportunity to centralize food production through the offering of a “Menu of the Day” that can be used across multiple events. This not only helps keep food waste to a minimum, but also increases the team’s productivity.

Tell us a bit about yourself and how you got started in sustainability.

Prior to joining Marina Bay Sands a year ago, I was working as a corporate chef for Princess Cruise Lines. Given the nature of the business is closely intertwined with the oceans, the company is committed to environmental practices that set a high standard for excellence, responsibility and preservation of the marine environment. Everyone on board was engaged to do their part for the environment.

ENVIRONMENTALLY RESPONSIBLE OPERATIONS

Swapping plastic for plants at Sands China Ltd.

This July, all Sands China Ltd. (SCL) food and beverage outlets replaced plastic takeaway containers and cutlery with a cornstarch, plant-based alternative. The products bear SCL’s Sands ECO360 stamp and hashtag to inform guests and visitors of the initiative. So far approximately 1.4 million takeaway bowls, 70,000 lunch boxes, 980,000 utensils and 800,000 cutlery sets that were previously made of plastic were swapped out for the sustainable alternative. The effort will help reduce greenhouse gas emissions and minimize our plastic footprint by replacing petroleum-based plastic with a bio-based material.



AWARDS



Las Vegas Sands recognized in the Dow Jones Sustainability Index

Las Vegas Sands Corp. once again has been recognized by the S&P Dow Jones Sustainability Indices (DJSI) for its industry-leading performance in environmental, social and governance efforts. Sands is the only Integrated Resort company included in the DJSI North America.

Hooray for LIVE.GREEN awardees*

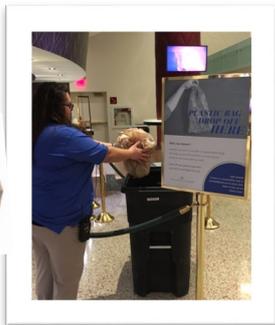
Sands China Ltd. recognized Team Members who go above and beyond their responsibilities to conserve resources and protect the planet by honoring them with the Sands ECO360 LIVE.GREEN* award. The Venetian Macao Hotel audio visual team received the gold award for their work ensuring that items are assessed for repair or recycle rather than being discarded. The silver award was given to the wardrobe team for their tireless efforts in reducing single-use plastics. Lastly, the bronze award was given to Jack Chan from housekeeping - public area, for his excellent services to guests and Team Members as well as his innovative suggestion to reuse casino floor carpets in the Heart of House.



STAKEHOLDER ENGAGEMENT

Thousands of plastic bags recycled at The Venetian Resort's town hall

Did you know it takes more than 500 years for a single plastic bag to break down, and that nearly all plastic bags are unsuitable for curbside recycling? To address the countless environmental issues with plastic bags, the sustainability department held a bag collection drive where Team Members could trade in 10 plastic bags for one reusable bag. Approximately 330 Team Members turned in more than 5,500 plastic bags that were then sent to a special facility where they will be melted down and recycled.



Mondays just got a little greener

Green Monday has made its way to Marina Bay Sands! Founded in Hong Kong, Green Monday aims to educate the public about reducing their carbon footprint and improving their health by giving up meat for just one day per week. During four consecutive Mondays in July, the Team Member dining room (TDR) team served up a wider variety of vegetarian dishes and created fully plant-based mixed salads. As part of the engagement effort, Team Members took selfies with their Green Monday meals and then rated their satisfaction. More than 80% of those surveyed indicated a high level of satisfaction with food quality and

menu variety. Close to 95% were supportive of increasing vegetarian options at the TDR in the future.

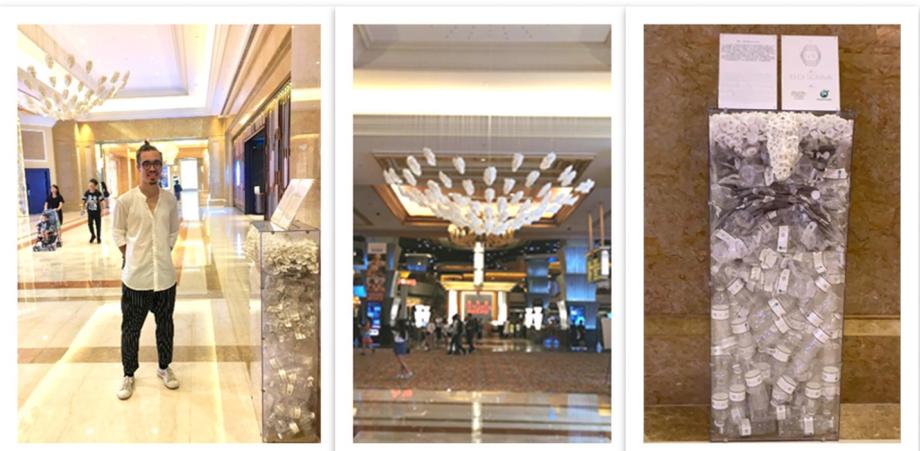
The sustainability team also hosted cooking demonstrations, educational booths and an hour-long talk by David Yeung, founder & CEO of Green Monday, to get Team Members excited and informed about the initiative.



Local artist highlights plastic waste with bespoke sculpture at Sands China Ltd.

Eloi Scarva, a local artist from Macao stands in front of his art piece, Project Hive, a hanging sculpture made from 10,000 repurposed plastic caps collected at The Venetian Macao. Scarva believes the work represents “a collective of individuals working towards the same purpose.” The art piece also visually demonstrates the amount of waste generated by the use of plastic water bottles.

Positioned opposite to The Venetian Theater entrance, this exhibit educates and reminds us of how our individuals actions can either help or hurt the environment.



Above, Eloi Scarva, creator of Project Hive

STAKEHOLDER ENGAGEMENT

Eco-Living at the Better Life Bazaar

For the second year running, the sustainability department organized The Better Life Bazaar, featuring vendors selling environmentally and/or socially sustainable products. The goal of the bazaar was to encourage Marina Bay Sands' 10,000 Team Members to adopt a more sustainable lifestyle, as well as to raise awareness about various sustainability issues. Among the organizations at the bazaar was [UglyGood](#), which harvests fruit waste and transforms it into products such as natural cleaning solutions, and [The Clean Attempt](#), a company retailing eco-lifestyle products such as beeswax wraps. In addition to the bazaar, 340 Team Members participated in hands-on workshops where they learned how to make their own eco-enzyme cleaners from fruit waste, upcycle used plastic bottles into self-watering planters and turn scrap fabric into beeswax wraps to replace single-use plastic cling wraps.



Kids find adventure at Marina Bay Sands

Children have an insatiable desire to learn and engage with the world around them. As part of a collaborative initiative between Marina Bay Sands' sustainability, branding and hotel teams, the group created an original activity book for hotel guests visiting with young children. Readers follow four young explorers on their sustainability adventures around the resort, learning about the on-site herb garden and the FUTURE WORLD exhibit at the ArtScience Museum, as well as local attractions like Gardens by the Bay and solar panels at Marina Barrage. Some images in the book were illustrated by talented artists from The Art Faculty (TAF), a social enterprise by Autism Resource Centre in Singapore. TAF promotes the talents of differently abled artists on the autism spectrum and other related challenges.

Thousands refuse plastic at Sands China Ltd.



Last quarter, Sands China Ltd. began the Plastic Free July campaign. Everyone from executives to Team Members pledged their commitment to refuse and reduce plastic by giving up a myriad of items like water bottles, straws, takeout containers and bags during the month of July. The event inspired more than 3,300 Team Members to pledge to go plastic-free and generated 850 social media posts, bringing even greater awareness to plastic issues. The strong buzz around the initiative also captured the attention of Plastic Free July's original creators, who recognized and applauded the actions of Sands China Ltd. and their Team Members. During the initiative, the Sustainability team gave away

nearly 28,000 reusable metal straws to help Team Members refuse plastic straws. Sands ECO360 would like to send a special shout-out to housekeeping, who shared the highest collection of social media posts!

Plastics take over International Housekeeping Week

International Housekeeping Week was recently celebrated globally with activities honoring and acknowledging the efforts of our housekeepers around the world.

Both Sands China Ltd. (SCL) and Marina Bay Sands (MBS) set up events for housekeepers to engage on plastic issues, while The Venetian Resort Las Vegas celebrated previously in Q1.

At SCL, The Venetian, The Parisian, Conrad and Holiday Inn housekeeping, PAD, wardrobe and floral teams hosted "The World of Plastic Competition" and challenged Team Members to use recycled plastic materials to make beautiful sculptures. Winners of the event are shown right!

MBS hosted an educational booth where 350 Team Members learned about various types of plastic, including which items can and cannot be recycled. The booth also showcased innovative methods of utilizing recycled plastic waste.

1st runner-up: Wardrobe team from The Venetian Macao, Sands Cotai Central, The Parisian Macao;

Winner: The Venetian Macao Housekeeping team



We'd love to hear from you

Please email us your comments or questions to:

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IN THE NEXT ISSUE

2019 YEAR IN REVIEW