

*Highlights of this issue >>>*

- WWF Earth Hour
- 2016 Environmental Performance
- Red Packet Recycling in Macao

## Sands ECO360 Quarterly

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

*By: Brandon Morrison, Global Sustainability Manager*

*Big Events >>>*

## Las Vegas Sands Properties Go Dark for Earth Hour



On March 25, 2017, all of our integrated resorts worldwide participated in WWF’s Earth Hour. This year marked the 10th anniversary of Earth Hour, an annual event that seeks to demonstrate the importance of energy conservation and to support action on climate change.

In Las Vegas, The Venetian and The Palazzo went dark for the 8th consecutive year as all non-essential exterior lighting, rooftop signage and façade features were shut off. Team Members, their families and resort guests all came together in front of The Venetian during Earth Hour to create an LED mural of planet Earth, consisting of nearly 2,000 individual LED lights. Pranav Jampani, Director of Sustainability, emphasized the collective nature of the event: “Earth Hour shows how everyone can play a part in shining a light on climate change. We constantly strive to redefine what sustainability means at our resorts, both for our Team Members and guests alike.” Earlier in the day, Team Members from our Las Vegas properties also took part in a clean-up project at a local elementary school.

Keep reading to find out what our other properties did to mark Earth Day...

*Sustainable Sourcing >>>*

### Sustainable Seafood Solutions at Marina Bay Sands

As of March 2017, Marina Bay Sands has stopped serving Red and Spotted Grouper during their banquet events. Due to their prominent color and size, Red and Spotted Grouper have been historically popular in Chinese wedding celebrations. However, given overharvesting and slow reproductive rates, the fish are on the brink of extinction. Therefore, Marina Bay Sands has removed the fish from property menus and is now offering more sustainable options of Tiger Grouper, Marble Goby and Cod as replacements. All of the new fish being offered are sourced in an environmentally-friendly manner. This is yet another example of Marina Bay Sands’ commitment to sustainable seafood, as the integrated resort previously committed to removing shark fin from menus across their different business units.



# EARTH HOUR 2017

## Marina Bay Sands Breaks Participation Record



Under the theme of 'We Create a Greener Tomorrow', Marina Bay Sands linked World Water Day (March 22) and Earth Hour to create a week-long series of activities and events. In support of World Water Day, Team Members were asked to wear blue to work and post their 'blue' photos on the resort's social media webpages. During Earth Hour, a new record was set for the resort's annual Walk-in-the-Dark around the bay, as more than 450 Team Members participated in the event. Special appearances by the Sustainable Singapore Blueprint mascots during the night walk added to the fun.

Enthusiasm to fight climate change was profoundly felt with over 6,500 Team Members taking part in various Climate Week activities. Kevin Teng, Executive Director of Sustainability, noted the enormous influence that an integrated resort the size of Marina Bay Sands can have: "Sustainability at Marina Bay Sands is engrained in our resort values and operations, and we remain committed to engaging both our staff and guests in our continued pursuit of a more sustainable future. Our light shows are admired and beloved by guests from all over the world. Going dark for WWF's Earth Hour serves as a poignant reminder that energy-efficiency needs to be an important priority, globally, going forward."

## Sands Bethlehem Accumulates Eco-Actions

Sands Bethlehem extinguished the lights on their historic Ore Bridge, with more than 500 Team Members taking part in the property's Earth Hour festivities. Team Members were tasked with committing to one (or more) eco-actions in support of environmental conservation. Steve Fernstrom, Sustainability Manager, noted that education and engagement were key themes during the event this year. "At Sands Bethlehem, we asked our Team Members to pledge to commit an eco-action in connection with Earth Hour. Awareness is everything. If all of us can find some way to save energy and reduce our consumption of fossil fuels, then together we can make a difference in decreasing our greenhouse gas emissions."



## Sands China Ltd. Marks 9<sup>th</sup> Year of Participation

This year marked the 9th consecutive year that our properties in Macao celebrated Earth Hour. As opposed to celebrating on just one day, 'Climate Week' encouraged Team Members to take action on climate change throughout the entire week. One particular highlight was the Energy Saving Roadshow, which urged employees to save energy at home by swapping out their incandescent and compact fluorescent bulbs for more energy efficient LEDs. Rishi Tirupari, Director of Sustainability, noted the awareness opportunity that Earth Hour provides: "Our resorts are alive with people, both Team Members and guests. Thus our annual celebration of Earth Hour serves as a great educational platform to communicate our sustainability efforts, and in doing so, hopefully transform people's behavior in a more sustainable manner."





## Vegas Chefs Infuse Menus with Healthier, More Sustainable Options

Our phenomenal food and beverage teams at The Venetian and The Palazzo in Las Vegas are ready to share their sustainable cuisine with you. Responding to the high-demand from resort guests and meeting clients, our chefs have revamped our banquet and in-suite dining menus to incorporate healthier, more wholesome and sustainable options. Our chefs ensure only the finest ingredients are used, with as many as possible sourced locally from neighboring communities. Menu choices contain a variety of options, including vegetarian, gluten free, vegan and organic.



## Sustainability Soars into Philadelphia Eagles Stadium



Team Members from the Sustainability and Brand Marketing departments at Sands Bethlehem were invited to tour Lincoln Financial Field, the home of the Philadelphia Eagles – one of the premier teams in the National Football League. During the visit, best practices for both sustainability and marketing were shared between the two organizations, including challenges faced in daily operations and strategies for future growth and development.

## Sands Bethlehem Hosts Sustainable Food Suppliers Workshop

Sands Bethlehem hosted its first Sustainable Foods Workshop in March, with six major food and beverage suppliers participating. Each supplier showcased their best dishes and ingredients for tasting. Roundtable discussion at the conclusion of the event identified sustainability challenges faced within the food and beverage sector, the trends predicted to impact the market in the future, as well as follow-up actions items for after the workshop. Sustainable procurement in general, and food in particular, is an important component of the global Sands ECO360 sustainability strategy.



## Sustainability is a MUST in Macao

The Macau University of Science and Technology (MUST) invited Syed Mubarak, Director of Sustainability & MEP, to present a guest lecture to graduate students in the Hotel Management program. Syed's presentation detailed the ECO360 sustainability strategy, and how the resorts in Macao manage their environmental impacts from over 30 million square feet of space.





# 2016 Year in Numbers

**-9%**

from 2015 total



**Reduced**

**-4%**

from 2015 total



**Saved**

**-6%**

from 2015 total



**Conserved**

**-3%**

from 2015 total



**Avoided**

**80**  
**Thousand**  
MT of CO<sub>2</sub>e

**47**  
**Million**  
kWh of electricity

**158**  
**Million**  
gallons of water

**2.6**  
**Thousand**  
tons of trash

At Las Vegas Sands, sustainability is a never-ending pursuit. In comparison with 2015, our 2016 environmental performance at our existing properties saw us decrease our environmental footprint in four key areas: greenhouse gas emissions, electricity use, water and waste.



**84** Energy efficiency projects completed globally at our resorts in 2016

**5,000,000**

Energy savings, in kilowatt hours, expected annually from The Parisian's 100% LED lighting



**264,164 ECO360**  
**Team Member actions**



**100,000**

Clean the World Hygiene Kits assembled globally



The Parisian seeks to become first LEED certified resort in Macao for entirety of its operation

**ZERO WASTE**

Asia's first ever zero waste to landfill event at Marina Bay Sands







## Sustainability in the Workplace – Sands Bethlehem

**Jonathan Young** is the Supervisor for Housekeeping/Hotel Operations at Sands Bethlehem. Thanks to Jonathan and his team's effort, the property is now ranked #2 in the geographic region, among similar sized properties, for total donations in the Clean the World soap and amenity recycling program.

### *How did you become involved with the Sands ECO360 program?*

Last January my manager approached me and asked if I would be interested in taking over our sustainability projects in our department, which I gladly accepted as I've always had a fond appreciation for the environment.

### *What is one thing you have done or implemented to drive sustainability within your department?*

We really try to educate our Team Members regularly. Our department meetings have a designated time slot for discussing sustainability updates. We've also started a voluntary ECO360 committee for interested Team Members to join and contribute suggestions for improving our sustainability performance.

### *Given your experience in hotel operations and housekeeping, what are the largest opportunities for further sustainability efforts?*

The largest opportunity, in my opinion, is a change in mindset to fully embrace sustainability. If all we do is change a light bulb or recycle a plastic bottle, we are quite frankly lacking. Sustainability can't just be a single action; it needs to be a complete shift in mindset across all of our actions and operations.

### *How do you embrace that mindset, or share that way of thinking with others?*

In reality, it just boils down to changing the way we think about the environment. We need all of our Team Members to buy-in for it to be successful. Take Clean the World for instance. Once we were able to share the benefits of our partnership with Clean the World, our participation rate skyrocketed. It's now become an internal competition to capture and recycle as many leftover amenities as possible. If we can capture that shift in thinking, and translate it to other sustainability challenges, the sky is the limit for us.

## Environmentally Responsible Operations >>>

### Giving Red, Thinking Green: Sands China Conducts Red Packet Collection Drive

Stuffed with money and inscribed with lucky symbols, red packets – also known as lai see – are given out during the Chinese New Year as a gesture of goodwill and luck. Each year, more than 300 million red packets are produced and distributed, which consume considerable amounts of natural resources. The amount of paper used to create the packets requires more than 16,000 trees. In an effort to cut down on landfill waste, the Macao Environmental Protection Bureau has created a red packet recycling program. All Sands China Ltd. properties participated in the collection drive this year, gathering more than 1,400 pounds of recyclable material (approximately 170,000 packets). If packets are returned in decent condition, they are re-used again the following year; the rest are sent to a recycling facility.



## Team Member Event >>>

### Competition in the Kitchen: Culinary Olympics Create a Buzz in Singapore

Food and Beverage Team Members showcased their cooking skills in the first ever Culinary Olympics at Marina Bay Sands. Participants were challenged to use only the freshest, locally-sourced and sustainable ingredients in creating their finest dishes. World renowned celebrity chef Gordon Ramsay helped to judge the contest. Banquet Chef Foonh Man Chung was declared the winner for his dish of yellowtail stuffed with otah, nasi lemak cooked in bamboo, served with achar and a lemongrass emulsion.



## In the Next Issue >>>

- Spring Step Up Challenge in Las Vegas
- Cornell Student Sustainability Project

*We'd love to hear from you!  
Email your comments and/or questions to  
[SandsECO360@Sands.com](mailto:SandsECO360@Sands.com).*