

More than just an idea...

Highlights of this issue >>>

Sands ECO360° Quarterly

• Zero Waste Responsible Business Forum

"A Quarterly Insight into Las Vegas Sands Corp. Sustainability Activities"

• 2016 Global Sustainability Summit

By: Brandon Morrison, Global Sustainability Manager

• Go Green for the Holidays

Big Events >>>

Marina Bay Sands Responsible Business Forum: Asia's First Zero Waste to Landfill Event

The 5th Responsible Business Forum (RBF) on Sustainable Development was held at Marina Bay Sands in November. In its largest edition to date, this year's forum brought together over 750 business leaders, government representatives and non-governmental organizations to share solutions and tackle the United Nation's Sustainable Development Goals. MBS has worked closely with the organizer, Global Initiatives, to enable RBF to continually achieve its green event goals over the past three years. This year, the forum had the ambition of becoming Asia's first-ever zero waste to landfill event. MBS' MICE and Sustainability teams spared no effort to minimize all waste produced, with initiatives such as: replacing paper napkins with cloth ones; using water dispensers with reusable cups instead of single-use plastic water bottles; redesigning of the event's audio visual layout to eliminate the use of non-recyclable floor tapes; and redesigning the existing Harvest Menu to include only local vegetarian options that were made with ingredients that could be 100% processed by the food digester. Tony Gourlay, Chief Executive of Global Initiatives, praised the extensive sustainability efforts in place at MBS: "Our ambitious waste reduction targets would have been impossible to even consider without the industry leading sustainability commitments of our venue partner Marina Bay Sands."



Educational Outreach >>>

Empowering the Leaders of Tomorrow: Venetian Macao Opens Doors to Students

How do enormous integrated resorts operate in an environmentally-friendly manner? Moon Chun Memorial College students found out as they were given a behind-the-scenes sustainability tour by Syed Mubarak, Director of Sustainability and MEP at Sands China Ltd. Throughout the tour, the students were introduced to the numerous sustainability concepts and practices that are implemented across our resorts. It's clear to say the students came away impressed, as one



remarked, "It really shocked me when I saw how the great service provided by The Venetian Macao is managed, operated and supported by thousands of people who come from different majors and backgrounds, all engaged in the sustainability effort!"

Strategy for Success: 2016 Sands ECO360 Sustainability Summit

Sustainability Team Members from each of Las Vegas Sands' properties recently attended the 2016 Sands ECO360 Global Sustainability Summit. The workshop, which began with remarks from Katarina Tesarova, Vice President of Global Sustainability at Las Vegas Sands, served as an opportunity to set the strategic direction of the Sands ECO360 program for the next five years, as well as learn best practices from, and foster collaboration among, the company's various properties and departments. Notable highlights from the summit included vision and action planning, a presentation on science-based targets, a tour of LVS' newest and most sustainable property to date - The Parisian – as well as an interactive panel discussion featuring Mark McWhinnie, SVP of Resort Operations and Development at Sands China Ltd., and Norbert Riezler, SVP & Chief Procurement and Sustainability Officer at Las Vegas Sands Corp.



Operations >>>

Greening the Grounds in Las Vegas: Horticulture Department Captures Prestigious Award

Ever find yourself gazing in awe at the magnificent floral displays and landscapes around our properties in Las Vegas? You're not alone! In recognition of their jaw-dropping work, the Exterior Horticulture department at The Venetian and The Palazzo recently received a Green Star Award in the Hotel, Motel and Resort category from the Professional Grounds Management Society. Not only do the horticulture teams have the difficult task of beautifying and maintaining the grounds, they also strive to incorporate sustainability in their daily work in order to help minimize the impact on the environment. The nationally-recognized Green Star Awards are annually awarded to properties that display outstanding landscape design, construction and maintenance, in addition to incorporating sustainable practices into daily operations.



Community Events >>>

Company-wide Clean the World Hygiene Kit Builds Top 100,000

Following up from last quarter's events in Singapore and Bethlehem, Las Vegas and Macao also hosted hygiene kit builds in partnership with Clean the World, the largest global recycler of hotel amenities. In Las Vegas, more than 500 Team Members and volunteers came together to build 35,000 hygiene kits, which will benefit a number of non-profit organizations in the surrounding area serving homeless populations as well as military families. In Macao, eight local community associations joined forces with our Team Members to assemble an additional 35,000 kits that will be donated to Children International Philippines, an organization that helps kids living in poverty. In completing our worldwide volunteer effort, we have now assembled 100,000 hygiene kits in 2016 and nearly 500,000 kits in the past three years.



Community Events >>>

Sands Bethlehem Tagg-teams with Local Organization to Repurpose Materials

Sands Bethlehem and Taggart Associates have teamed up to increase their outreach efforts within the greater Lehigh Valley area. The partnership grew out of a desire to find good homes for carpet remnants when Sands Bethlehem renovated its hotel property. The project resulted in dozens of leftover rug segments, in various shapes and sizes, which Taggart Associates helped donate to multiple local organizations. In addition to carpets, the donation program has grown to include sheets, towels and partial rolls of toilet paper that no longer meet the standards required by the resort.



Green Meetings >>>

Eyeing A Sustainable Future, Marina Bay Sands Hosts Inaugural Singapore Eco Film Festival

The ArtScience Museum at MBS hosted the inaugural Singapore Eco Film Festival, an inspirational event that brought together ecoorganizations, storytellers and artists in Singapore in an effort to create a more sustainable future. The three-day festival showcased 21 different environmental films, covering themes such as: consumption, sustainable finance, wildlife conservation, food security and ocean plastic. Each film was followed by a panel discussion of experts in the environmental field to share their insights and address questions from the audience. Kevin Teng, **Executive Director of** Sustainability at MBS, was featured on a panel discussion in regards to the work MBS has done in relation to sustainable food and purchasing.



Awards >>>

The Venetian and The Palazzo Receive Sustainability Leader Award

Congratulations to The Venetian and The Palazzo for winning the Sustainability Leading Company award at the Hospitality Stars of the Industry gala, hosted by the Nevada Hotel and Lodging

Association. The award recognizes an industry property or business that has developed a culture toward integrated environmental management practices that improve everyday operations at the bottom line, while maintaining quality service and meeting guest expectations. In accepting the honor on behalf of all Team Members who help to support the Sands ECO360 program, Pranav Jampani, Director of Sustainability, stated, "Receiving this award



demonstrates the dedication of our Team Members to reduce the impact of our company's operations on the environment."

Big Events >>>

Sands China Hosts Forum on Green Initiatives and Sustainability

The Venetian Macao hosted the Macao Polytechnic Institute Forum focused on 'Green Initiatives and Sustainability' In addition to SCL, the forum included representatives from each of the six integrated resorts in Macao, who all presented various environmental and sustainable initiatives. Syed Mubarak, SCL's Director of Sustainability and MEP, showcased the Sands ECO360 Global Sustainability Program, highlighting the positive impact to Macao's sustainable future. Notable accomplishments over the previous five years include: an 80 million kWh energy reduction (enough to power 16,000+households every month); 150 million gallons of water savings (equivalent to 250 Olympic size swimming pools); a 20% waste diversion rate; and a 6% reduction in total waste.



Green Meetings >>>

'Netwalking' at IMEX America 2016: Incorporating Wellness into Green Meetings

Giving back to the local community while increasing your wellbeing? It was as simple as a walk-in-the-park at IMEX America 2016, hosted by The Venetian, The Palazzo and Sands Expo in October. A new partnership between IMEX and Outside Las Vegas Foundation gave conference attendees the opportunity to clean-up



walking trails, playground and picnic areas at Sunset Park. The "Garbage Grabbers" initiative was just one such example of community service and wellness elements being incorporated into existing green meeting offerings. Additional events included an organized 'Fun Run', a 'Be Well' lounge that featured yoga and meditation classes and a 'Paws for a Break' booth that allowed relaxation time with therapy dogs.

Las Vegas Sands Corp. Earns CDP 'Climate A List' Accolades

Las Vegas Sands has been recognized as a global leader for the third time for its actions and strategies in response to climate change, earning a spot on CDP's 2016 Climate A List. CDP, an international not-for-profit that runs the only global carbon disclosure system for companies, annually publishes a Climate A List that features the companies that are leading the way in their actions to mitigate global warming. Only 9% of the corporations participating in CDP's climate change program in 2016 received this designation.





Going Green for the Holidays: 'Tis the Season to be Sustainable

Our properties kept the spirit of sustainability for holiday celebrations. The Las Vegas properties continued the tradition of Trick o' Treat Safe Street sustainable booth competition and the Public Area Department (PAD) won the "Best Reused/Recycled Sustainable Booth" Award by utilizing cardboard, hangers, water bottles, foam, wood and disregarded brooms to create a gauntlet of items, including a recycled house, a tree, a pair of witch shoes and a cauldron. In celebration of their winning booth, PAD Team Members were honored with a pizza party.

Sands Bethlehem decked the halls with 'green' decorations for the holiday season. Throughout the month of December, Team Members representing 19 different departments created holiday wreaths using 100% recycled material. They were provided a base, and the rest was left up to their imaginations, which resulted in some quite creative designs. Local students from Donegan Elementary School, who also received a lesson on recycled materials from the sustainability team at Sands Bethlehem, judged the contest entries. The Wardrobe Department, which created their wreath utilizing recycled fabric, bed sheets and pillows, was deemed the winner of the competition.





Marina Bay Sands kicked-off its Season of Giving with a clothing and bags collection drive to raise money for charity. Collected items were sold to Team Members at their annual bazaar. Any unsold items were subsequently donated to Singapore Council of Women's Organizations, the National Coordinating Body of women's organizations in Singapore for sale in their 'New2U Thrift Shop.' MBS continued its Season of Giving with an 'Elves Workshop' that was jointly organized by the ArtScience Museum and the Fab Café. The holiday-themed workshop offered Team Members the chance to create handmade Christmas presents, many of which were produced from recycled materials.

Team Member Event >>>

Enjoy the Taste, Reduce the Waste: SCL Raises Awareness of Discarded Food

Building upon earlier events throughout the year, Team Members across all Sands China Ltd. properties were encouraged to take action to reduce food waste during a three day 'Clean Plate Challenge' event. During the Challenge, Team Members were encouraged to only take as much food as would be eaten, and to consume everything that was on their plate. During the event, average food waste across all SCL properties was reduced by 50% in comparison to baseline quantities prior to the event. Continuing Team Member participation and engagement will further reduce the amount of food waste that is generated. A big thanks goes out to the Food & Beverage, Stewarding, and Human Resources teams for hosting such a successful event.



Supplier Excellence >>>

Keeping It Clean: Combs Brothers receives Sands Supplier Excellence Award

Combs Brothers, LLC received the Supplier Excellence Award for Corporate Culture and Sustainability at this year's annual Sands Supplier Excellence Awards dinner in Las Vegas. Combs Brothers has proved to be an outstanding waste management company and has helped our Sands ECO360 program tremendously in creating meaningful environmental change. All of our resort's trash is delivered to a sorting area, where Combs' employees separate recyclable items from waste destined for the landfill. With help from Combs Brothers, The Venetian and The Palazzo have achieved the highest waste recycling rate among resort properties on the Strip. The company also helps us recover resort assets,



such as silverware and dishes that have ended up in waste bins. Last but not least, they also operate the only permitted food scrap feeding pig farm in the State of Nevada, processing food waste into feed for their hogs. In honor of the award, Combs Brothers shared pizza and the Supplier Excellence award with the hard working men and women at the recycling dock.

2016: Another Remarkable, Sustainable Year

Las Vegas Sands Reaches Five-Year Sustainability Milestone

Las Vegas Sands marked the completion of a five-year journey started in 2011. The Sands ECO360 program has served as our company's roadmap for continuous improvement of environmental stewardship at our global properties. As detailed in the 2015 Sands ECO360 Report, we have met and exceeded our targets in carbon footprint, waste diversion and electricity consumption.



Environmental Rankings Commend LVS' Sustainability Performance

Las Vegas Sands retained our industry-leading position on CDP's Climate A list. In receiving a full 100% score in the environmental reporting category, the Dow Jones Sustainability Indices (DJSI) has also recognized LVS as a leader in North America for the second year in a row. Finally, LVS (#39 U.S; #74 globally) and Sands China Ltd. (#62 globally) have also been ranked as the highest-rated hospitality companies in the world in the 2016 Newsweek Green Rankings.



'I Will If You Will Challenge' Yields Record Breaking Actions

Following the slogan of "I Will If You Will", LVS hosted its fourth annual global environmental challenge encouraging all Team Members to take action to reduce their impact on the climate. In total, more than 26,000 sustainable actions in support of Earth Hour 2016 were undertaken by Team Members.



Sands Macao Achieves Green Hotel Gold Award

This year marked an exciting feat for Sands Macao, which improved its Macao Green Hotel Award from silver to gold. Sands Macao now joins The Venetian Macao and Sands Cotai Central as Gold Award winners. The Macao Green Hotel Awards aim to recognize and commend those hotels that have adopted environmental measures and worked to lower the environmental impact of their operations.



Clean the World Hygiene Kit Builds Surpass 500,000

This marks the third consecutive year that Las Vegas Sands has built hygiene kits for Clean the World, bringing the total number of hygiene kits created to nearly 500,000. Partners since 2011, Las Vegas Sands and Clean the World have recycled over 358,000 pounds of discarded soap and amenities into clean bars of soap for distribution with other amenities to underprivileged communities and relief organizations.



LEED Gold Recertification for Las Vegas Buildings

The U.S Green Building Council (USGBC) has awarded the Leadership in Energy & Environmental Design (LEED) Gold® Recertification for Building Operations and Maintenance to Sands Expo and The Venetian | The Palazzo Congress Center. In January 2010, the buildings achieved initial LEED Gold® Certification for Existing Buildings, which is only valid for five years.



Marina Bay Sands named Grand Winner by Pacific Asia Travel Assoc.

Marina Bay Sands was named as the only Grand Award Winner by the Pacific Asia Travel Association (PATA) in the Environment category. In selecting MBS as the Grand Award Winner, PATA praised the resort's green meetings program, which provides like-minded clients with responsible meeting practices as part of our standard services at no additional cost.



In the Next Issue >>>

- Our 2016 Environmental Performance
- Highlights from Earth Hour 2017

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