

Sands

LAS VEGAS SANDS CORP.

More than just an idea...

2012 Environmental Report Addendum



Our properties

1 Las Vegas, NV

The Venetian®

Opened: 1999
Rooms: 4,027
Employees: 8,445
(The Venetian and
The Palazzo)
venetian.com

The Palazzo®

Opened: 2007
Rooms: 3,066
Employees: 8,445
(The Venetian and
The Palazzo)
palazzo.com

Sands Expo® and Convention Center

Opened: 1990
Employees: 971
sandsexpo.com



2 Bethlehem, PA

Sands® Bethlehem

Opened: 2009
Rooms: 302
Employees: 2,049
pasands.com

3 Singapore

Marina Bay Sands®

Opened: 2010
Rooms: 2,561
Employees: 9,259
marinabaysands.com

4 Macao, China

Sands® Macao

Opened: 2004
Rooms: 289
Employees: 4,376
sandsmacao.com

The Venetian® Macao

Opened: 2007
Rooms: 2,905
Employees: 10,035
venetianmacao.com

The Plaza Macao

Opened: 2008
Rooms: 379
Employees: 1,815
theplazamacao.com

Sands Cotai Central®

Sheraton® Macao Hotel
Conrad® Macao
Holiday Inn® Macao

Opened: 2012

Rooms: 5,756
Employees: 8,147
sandscotaicentral.com

Welcome from our President

Thank you for your interest in our 2012 Addendum to last year's Environmental Report.

The Sands ECO360° Global Sustainability program is an integral part of our overall business strategy and we are proud of its evolution. We restructured the program and set the long-term strategy and conservation goals in 2011. In 2012, we established dedicated sustainability teams at each property, garnered strong executive leadership support and refined systems for project implementation.

2012 was a very successful year for Las Vegas Sands Corp. We opened a new large-scale development and expanded our operations. The organic growth of our company benefits our business, but at the same time, can make it more challenging to achieve our environmental

“ A strategy alone does not make a corporation sustainable, it is people that make change happen. ”

goals. In our existing properties, we reduced carbon emissions by 0.3% and electricity consumption by 5% from the 2010 baseline. This is impressive considering our net revenue grew by 27.2% and we were faced with a 7% increase in one of our electricity emissions factors.

We are particularly pleased that our founding property in Las Vegas exceeded expectations on all fronts – reducing emissions and electricity by almost 11%, decreasing water use by 4.4% and increasing recycling rate by 3.3%.

Each year, we identify projects and programs to help us accomplish our conservation goals. We dynamically respond to changing needs and adapt our strategy accordingly. For example, we set out to perform a careful analysis of our water consumption to find solutions for an increase in our water use. To achieve our conservation goals, we completed hundreds of projects across all our properties in 2012 alone, not only in the areas of electricity and water conservation, but also in green meetings, training and Team Member engagement.

Moving into 2013, we will shift our focus to strive for more consistency across our properties and establish minimum performance requirements above and beyond industry standards. We will continue our sustainability efforts, explore new opportunities for emissions reduction, and evaluate rapidly evolving technologies. We will also continue to improve the quality and efficiency of our reporting. This year, we have chosen once again to have our report checked by the Global Reporting Initiative (GRI) for compliance with internationally accepted reporting guidelines.

Last, but not least, I would like to thank our Team Members for their contribution to the Sands ECO360° program. We are pleased to see sustainability become an increasingly important part of our company culture.

Michael A. Leven

President and Chief Operating Officer, Las Vegas Sands Corp.



...it's a full circle

We developed the Sands ECO360° Strategy around the four priorities below by identifying areas with the greatest environmental impact or opportunity. We are proud to share some of our 2012 accomplishments.

Green buildings

The foundation of a successful sustainability program starts from the ground up with high-performance buildings. Our emphasis on innovation enables us to go beyond conventional solutions. In 2012:

- We performed extensive environmental assessments of our new development projects.
- Marina Bay Sands became the largest EarthCheck bronze-benchmarked building in Asia.¹
- We partnered with General Electric to develop a brand-new LED light bulb that outperforms current lighting technology.

Environmentally responsible operations

By integrating our strategy into daily operations and aligning key departments, we work toward achieving our annual conservation targets. In 2012:

- We adopted ionized water technology for green cleaning in Bethlehem that reduces the use of chemicals.
- In the desert of Las Vegas, where water is scarce, we expanded our nano-filtration system to use treated nuisance water to refill fountains and our new low-flow urinals use only 0.125 gallons per flush.
- We centralized the building management systems of all Macao properties to better balance energy efficiency with guest comfort.

Green meetings

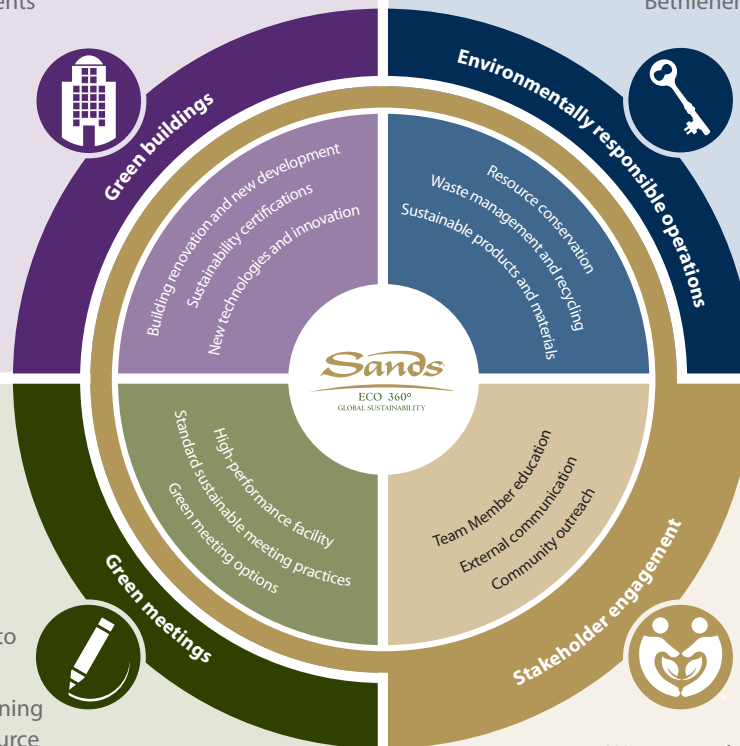
Using our enhanced Sands ECO360° Meetings program, we are able to craft customized sustainable meeting experiences for our clients and their attendees. In 2012:

- We trained 300 Team Members globally and appointed dedicated Green Meeting Concierges to guide clients throughout the planning process.
- We created property-specific Planning Tools outlining sustainability standards and options such as resource conservation practices and sustainable food choices.
- We developed an event Impact Statement to summarize statistics about energy and water use, recycling rate, carbon emissions and other sustainability metrics.
- To encourage attendees to give back to the local community, we established participant volunteering programs.

Stakeholder engagement

An exciting part of our sustainability program is involving Team Members, partners, and the community. In 2012:

- We launched the *Sands ECO360° Quarterly* publication, which highlights sustainability accomplishments. It is distributed to all Team Members and available on our redesigned website.
- We reported our carbon inventory and energy management strategy through the Carbon Disclosure Project (CDP).²
- At Marina Bay Sands, Team Members were invited to volunteer for the Go Green Ambassadors program to promote green activities among their colleagues.
- As the result of our sustainability efforts, we had the greatest improvement of all companies listed in the Newsweek Green Rankings, highlighting how our program has progressed.³



¹ For more information on EarthCheck, please visit www.earthcheck.org.

² CDP is an international, not-for-profit organization providing the only global system for companies and cities to measure, disclose, manage and share vital environmental information.

³ The Newsweek Green Rankings comprehensively assess the environmental performance of the largest companies in the U.S. and around the world.

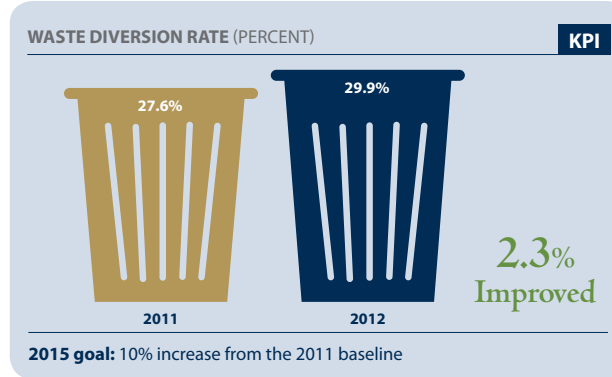
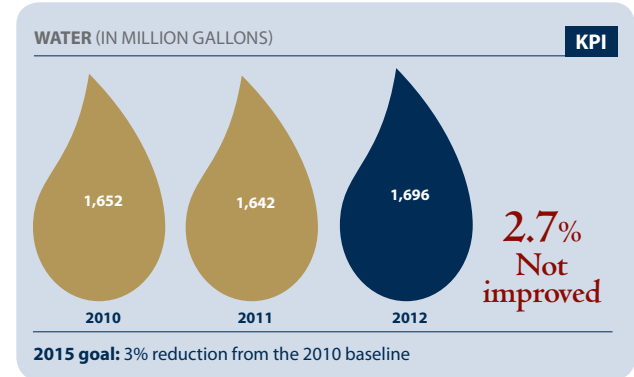
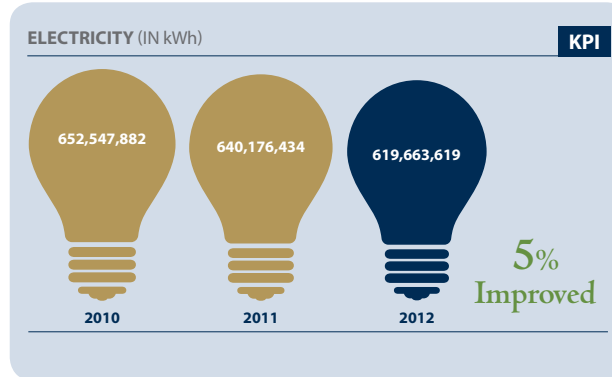
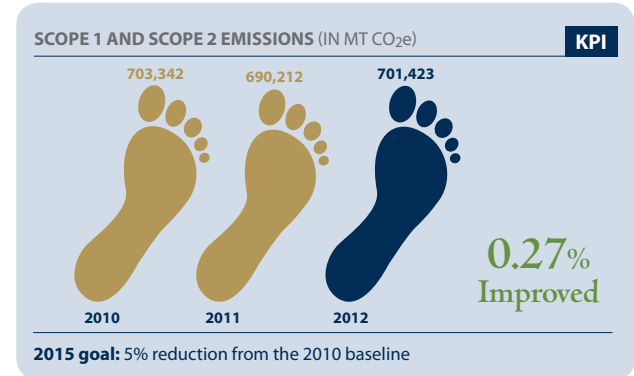
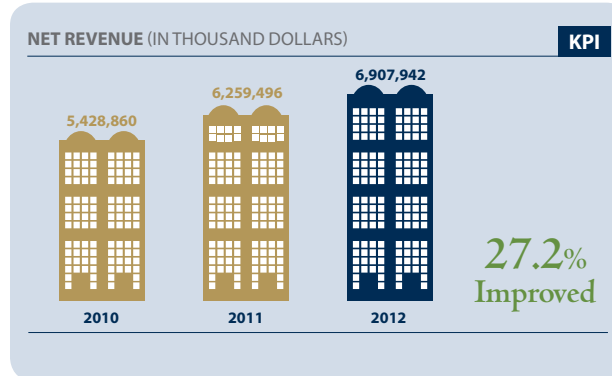
...it's about measurement

As we continuously expand our business, we set the first year of full operations at each property as the baseline year to measure performance. Our existing operations⁴ use a 2010 baseline and the newly opened properties will use a 2012 baseline.

Performance of existing operations

Although our existing operations experienced a significant growth in net revenue (27.2%), our team was able to reduce Scope 1 and Scope 2 carbon emissions by 0.27%. Our energy reduction efforts were offset by a 7% rise in the emissions factor in Macao, where electricity is increasingly sourced from coal-fired power plants in Mainland China.

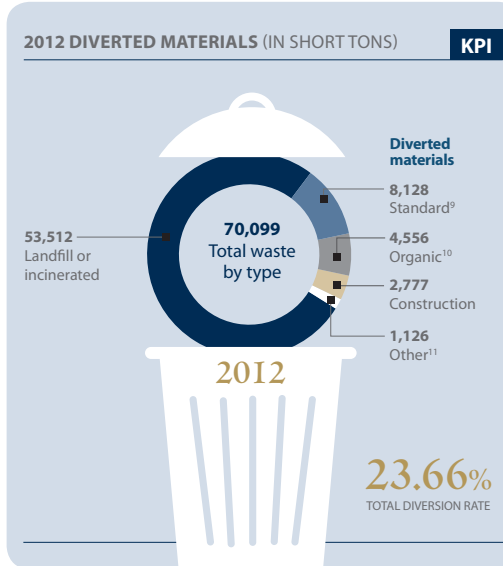
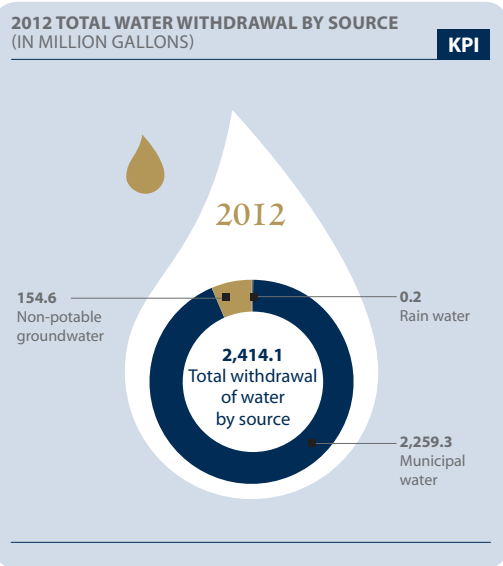
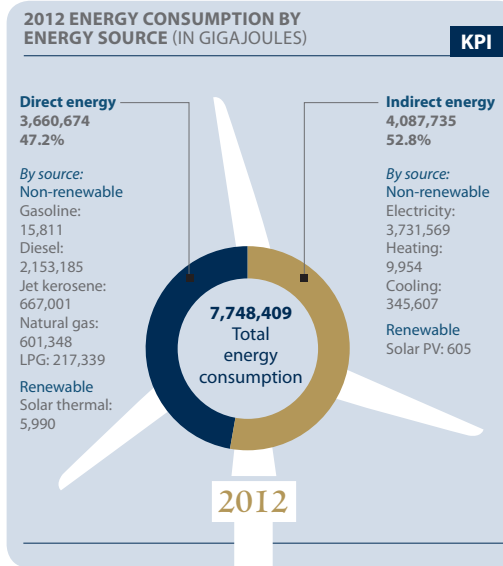
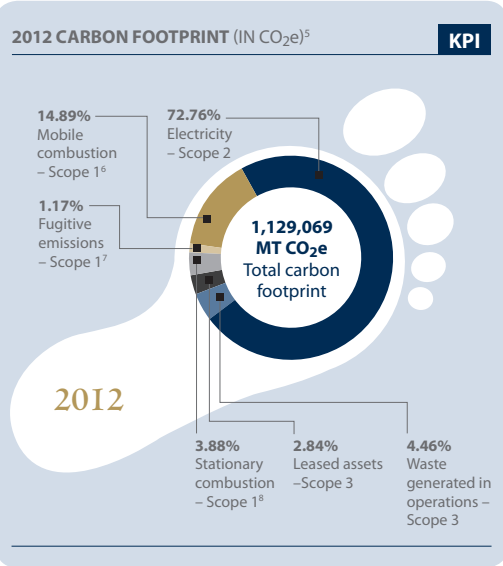
Electricity is our primary focus as it represents 72.76% of total reported emissions. We successfully reduced our consumption by 5% by implementing conservation projects – an impressive feat considering the growth in our existing operations.



⁴ Existing operations include The Venetian and The Palazzo, Sands Expo, Sands Macao, The Venetian Macao, The Plaza Macao, Sands Aviation and Cotai Jet. For Marina Bay Sands Singapore and Sands Bethlehem, 2012 is set as the baseline for sustainability targets because it is the first year of full operation. We will show progress for these properties in next year's report.

...it's about measurement

2012 company-wide performance



...it's about action

Improvement to measurement and reporting was the first step toward achieving our 2015 goals. Understanding environmental performance data allows us to prioritize conservation initiatives. Going forward, we will focus on the following opportunities:

Emissions	Electricity
<ul style="list-style-type: none"> Continue electricity conservation projects (see Electricity box, right). Explore fuel efficiency opportunities for aircraft and ferries. 	<ul style="list-style-type: none"> Continue energy-efficient lighting upgrades. Optimize building management systems and central plant operations. Continue commissioning and energy audits.
Water	Waste
<ul style="list-style-type: none"> Conduct water fixture audits and improve operational practices. Explore chemical mitigation for cooling towers and use of reclaimed water in Macao. Install more water efficient fixtures during renovations. 	<ul style="list-style-type: none"> Replicate best practices of the Las Vegas recycling model at other properties. Implement food waste reduction programs globally. Help establish Clean the World's first Asian operation in Macao.

5 We changed the boundary from operational control to financial control to simplify reporting structure. Our 2010 and 2011 emissions (Scope 1 and Scope 2) have been restated accordingly.
 6 Includes gasoline, diesel, jet fuel and marine fuel.
 7 Refrigerants.

8 Includes natural gas, LPG and diesel.
 9 "Standard" includes: plastic, aluminum, cardboard, paper, glass and metal.
 10 "Organic" includes: food waste, horticultural waste and cooking oil.
 11 "Other" includes: recovered assets, batteries, e-waste, donations, light bulbs, soap and shampoo amenities.

...it's about people

The following accomplishments of 2012 demonstrate our Sands ECO360° program in action across the world.

Bethlehem: Blown away by hand dryers



After a sustainability assessment, Bethlehem Team Members discovered that the property disposed of a staggering amount of paper towels on a daily basis. Our research revealed that using paper towels had a much greater environmental burden than using hand dryers. After a successful pilot of the equipment in the new event center, which opened in May 2012, we installed 120 dryers property-wide, saving 365 pounds of paper a day.

Las Vegas: Travel industry event goes the extra mile

We partnered with IMEX and MeetGreen® to host our most sustainable event to date: IMEX America 2012. Together, we set ambitious targets for recycling, sustainable food, donations and engagement. We achieved a 72% combined event diversion rate – diverting 59 tons of waste from landfill. During the event, 40% of the food served was sustainable, including regional (within 400 miles), organic, and sustainable seafood. A total of 4,100 pounds of trade show materials and food was donated to charities, and we sponsored a volunteer program at Clean the World's Las Vegas Recycling Center. We're pleased to report that we exceeded our goals!



Global: New recycling ideas won't go to waste

New and innovative waste management practices were implemented at each destination. In Las Vegas, a profit-sharing incentive program rewards recycling dock employees for increasing the recycling rate. Sands Bethlehem joined Las Vegas in partnering with Clean the World to repurpose partially used soaps and amenities. A food digester system – one of the largest in Singapore – decomposes food waste on site at Marina Bay Sands. At The Venetian Macao, we use 27 upstream recycling stations for the collection and separation of materials. These new practices set us on the path toward achieving and exceeding our recycling target.



Singapore: Mraz sings praises about Marina Bay Sands

Grammy award-winning musician Jason Mraz enjoyed "staying green" at Marina Bay Sands when he visited the property in June, 2012. "Trust me. They've thought of everything here," Mraz said in his blog. His eco-customized rooms included compost collection bowls, recycling bins, organic fruit and snacks, and plug load controls for electronics. After his visit, we carried out a carbon footprint analysis and even planted a tree on his behalf to promote environmental awareness. Mraz, known for his dedication to green advocacy, wrote extensively about his experience on jasonmraz.com.



Image courtesy of Marina Bay Sands

Macao: Green Fund revealed at Masquerade Ball

We partnered with the Macao Ecological Society to establish the Sands China Green Fund. A Masquerade Ball fundraising event was hosted at The Venetian Macao where unique items – like the gold Puma boots of Jamaican sprinter Usain Bolt – were auctioned off. Edward Tracy, Sands China President and Chief Executive Officer, presented a check for \$112,000 and promised ongoing support. The money will be used for environmental studies scholarships and conservation campaigns throughout the region.



...it's about leading the way

Las Vegas: Doubles down on efficiency

The Las Vegas campus, our most mature property, is the birthplace of Sands ECO360°. Over the last two years, we managed to improve sustainability performance in Las Vegas while seeing the business grow by 14%. As we had already implemented a number of significant improvement initiatives, we worked to find more creative, innovative solutions to continue our progress. For example, instead of simply swapping "like for like" in terms of lighting, we installed brand new lighting technologies in meeting spaces and hotel towers – saving 10 million kWh of electricity each year. To go beyond LEED certification standards, we continued to implement projects that reduced Scope 1 and Scope 2 emissions by 10.6%, electricity consumption by 10.9% and water use by 4.4%. The Las Vegas campus is a model for the Sands ECO360° program and our global properties are keenly following suit.

10.6%

REDUCTION IN EMISSIONS SINCE 2010

10.9%

REDUCTION IN ELECTRICITY CONSUMPTION SINCE 2010

4.4%

REDUCTION IN WATER USE SINCE 2010



About this report

Our addendum draws on the performance highlights of the calendar year 2012. It covers the full scope of our global operations including majority-owned subsidiaries. We will release a full environmental report every other year and an addendum in the following year.

Boundaries

This report covers all LVS global properties.

Data

We included aggregated data from our monthly reporting for each property. The data was collected by LVS Team Members. We believe this information fairly represents our global environmental performance and sustainability efforts. Our carbon footprint was calculated by an independent consultant and assured by a third-party verifier.¹² The Las Vegas carbon inventory includes Sands Aviation and the Macao carbon inventory includes Cotai Jet. In 2012, we changed our boundary used for carbon inventory from operational control to financial control. This simplifies the reporting structure and the 2010 and 2011 carbon inventories have been restated accordingly.

GRI index

We adhere to the Global Reporting Initiative (GRI) G3.1 Sustainability Reporting guidelines. The application level has been checked by the GRI and achieves a Level C.

To view the LVS GRI index, please visit:

lasvegassands.com/sandseco360



¹² The scope of Carbon Disclosure Project verification was limited to Marina Bay Sands, Singapore.

...it's our way of doing business



FRONT COVER: The Venetian Macao and The Plaza Macao ABOVE LEFT TO RIGHT: The Venetian, The Palazzo, Sands Expo and Convention Center, Sands Bethlehem, Marina Bay Sands, Sands Macao, The Venetian Macao, The Plaza Macao, and Sheraton Macao Hotel – Conrad Macao – Holiday Inn Macao



More information and the electronic version of this report can be found at lasvegassands.com/sandseco360

Sustainability is a cornerstone of our business philosophy. The Sands ECO360° Global Sustainability strategy reflects our vision to become a leader in sustainable development and resort operations. Our legacy must be to leave a responsible, cleaner, and safer world for future generations. This is far more than just an idea...

Please let us know what you think about our Environmental Report Addendum at: sandseco360@lasvegassands.com

Please consider the environment before printing the report.