

SANDS ECO·360

Experience Sustainable Culture



ONE MISSION,
ONE MILLION ACTIONS

Reaching Our
Team Member
Engagement
Goal

LEVERAGING A
360-DEGREE VIEW

Tackling Plastic
From All Angles



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Welcome

From Norbert Riezler

Senior Vice President, Chief Procurement and Sustainability Officer

We bring to you our 2019 Sands ECO360 progress report, which highlights our single-use plastic initiatives.

At a time when the world is grappling with the impacts of the COVID-19 pandemic, we continue to support our communities and take action for the planet. Although the beginning of 2020 proved challenging for all of us, this report shares the progress we made in 2019.

We officially added plastic as a key focus area of our Sands ECO360 strategy and set internal objectives in 2018. It became clear that making plastic a strategic priority resonated with our guests, Team Members and communities.

We leverage the four pillars of our Sands ECO360 strategy to holistically address plastic within our business. Although there is still much to do, we have developed a clear plan of action. This year we eliminated, changed to reusable, or sustainably replaced millions of plastic takeout containers, bags, cutlery, straws, water bottles and other single-use items.

In addition to plastic, we made strides in other Sands ECO360 focus areas. We ramped up renewable energy globally. This past May, The Venetian Resort Las Vegas and Sands Expo and Convention Center partnered with NV Energy to offset 100% of the resort's electricity consumption moving forward through the purchase of Renewable Energy Certificates (RECs). Marina Bay Sands also began procuring RECs from a local solar facility. Lastly, Sands China Ltd. built a large rooftop solar thermal plant, which will supply renewable energy for heating, cooling and hot water to the Sky Tower at Sheraton Grand Macao Hotel, Cotai Central.



Further, we completed 54 energy-efficiency projects that are expected to save more than 49.6 million kilowatt hours of electricity annually. These initiatives, combined with more sustainable grid systems, allowed us to meet our science-based targets. As we move into 2020, we continue to double down on energy efficiency and the pursuit of regional waste solutions.

Our Team Members reached an important milestone, as well. We achieved our goal of 1 million Sands ECO360 actions one year early, indicating that our program is benefiting both the planet and our culture.

As a result of our hard work, the Sands ECO360 program was once again recognized by sophisticated sustainability indices, including CDP, the Dow Jones Sustainability Index and FTSE4Good. We would like to thank the thousands of passionate Team Members who carried out actions and contributed to our industry-leading program. These achievements would not have been possible without key sustainability champions and an engaged workforce.

One Mission, One Million Actions

Your eyes trace the curves and crevices of thousands of plastic buckets, baskets, bottles and bags, all carrying markings reminiscent of time spent in the ocean. The blue items form the fins and body, while white pieces create the underbelly. As you step back, the full three-story sculpture comes into view: a blue whale breaching. Located at the ArtScience Museum in Marina Bay Sands Singapore, *Skyscraper (The Bruges Whale)* was initiated by Ocean Recovery Alliance and created by Studio KCA using plastic recovered from a remote beach in Hawaii. This awe-inspiring creation highlights the magnitude of the plastic problem and connects people and planet in an unexpected and informative way.

Experiences that elicit emotions can profoundly impact our behavior, world views and value systems. Four years ago, we began to embed this idea into our company culture by sparking

conversations and creating a more environmentally conscious workforce.

Our goal was to complete 1 million Sands ECO360 actions within our company and community by 2020. We are proud to say that we achieved this goal one year early.

More than 48,000 Team Members engaged on issues ranging from hunger and hygiene to biodiversity and climate change. Through the annual Clean Plate Challenge, we strived to avoid food waste. We packaged thousands of hygiene and disaster kits for those in need, using unused suite amenities. Further, regional initiatives like tree planting in Macau, the *Season of Sustainability* in Singapore and school garden builds

in Las Vegas illustrate how we put our values into action.

Along this journey, our Team Members shared with us their passion for other worthy causes. From animal rights enthusiasts to “ploggers” (plastic-picking joggers), they are well positioned to engage their peers, strengthen our business culture and energize our communities. We plan to support these changemakers by recognizing and amplifying such projects in the future.

With plastic action forming a core component of our Sands ECO360 sustainability strategy, the *Skyscraper* exhibit is just one way we inspire colleagues, communities and company to lessen impact on the planet.

Skyscraper (The Bruges Whale), Ocean Recovery Alliance and Studio KCA, Marina Bay Sands

Using Less, Reusing More

An endless number of products, an infinite number of choices. Framing sustainability in terms of how we use items, what they are made of and how we dispose of them allows us to break down complex decision analysis into actionable steps. Our Sands ECO360 strategy aims to eliminate unnecessary products, reuse where we can, replace plastic with proven alternatives and recycle as much as possible.

GREEN BUILDINGS

Building In Reusability

Recapturing materials at the end of their life is an important part of the circular economy and provides valuable resources for creating new products. We recently remodeled our recycling dock at The Venetian Resort to increase collection rates and improve efficiency. Our recycling coordinator ensures that recycled items are given a second life, despite the ongoing disruption in global recycling markets. We are also piloting in-house bottling plants to help replace single-use plastic water bottles with reusable glass alternatives.

GREEN MEETINGS & EVENTS

Reuse, Refill, Repeat

As the plastic-free movement sweeps the globe, we think it is critically important to bring this surge of action to our meeting clients and attendees. At the annual IMEX America conference at The Venetian Resort, exhibitors and attendees were invited to pledge to reduce all single-use plastic items and join the IMEX refill movement by opting to use water coolers instead of bottles. Marina Bay Sands has also placed a water-dispensing machine in its meeting and conference spaces, enabling attendees to refill their own bottles with chilled, sparkling or warm water.



Leveraging a 360-Degree View on Plastic

Every product we use carries a unique environmental footprint. Life cycle assessment (LCA) is a robust methodology that quantifies a product’s impact from conception to disposal by evaluating a range of environmental indicators, from water intensity to recyclability. Global warming potential is particularly significant for us: its universality allows us to execute a consistent product replacement strategy across all operations.



ENVIRONMENTALLY RESPONSIBLE OPERATIONS

Singling Out Plastics in Food and Beverage

With our food and beverage operations facing a mountain of single-use disposables, we reassessed our restaurant experiences and kitchen procedures to reduce the plastic we use. To tackle takeouts, Sands China Ltd. replaced 6.5 million plastic takeaway containers, utensils and cutlery sets with plant-based alternatives made of cornstarch that have a lower carbon footprint than their plastic equivalents. In addition, with our aim to phase out unnecessary plastic where possible, we eliminated or changed millions of plastic straws for sustainable alternatives in all owned operations globally.

STAKEHOLDER ENGAGEMENT

Exploring the Depths of Plastic Pollution

ECOengage, our annual global Team Member engagement campaign, explored the causes and impacts of plastic pollution and offered solutions we all can adopt. More than 1,700 Team Members and community members attended screenings of the eye-opening documentary *A Plastic Ocean*, in which a team of scientists investigate the effects of marine plastic on the environment. Six members of Sands China Ltd.’s executive committee amplified the plastic message in our Heart of House and elevated enthusiasm for the Plastic Free July campaign. As a result, more than 3,000 Team Members pledged to use fewer plastic bags, coffee cups, utensils and other single-use plastic items.

Environmental Performance

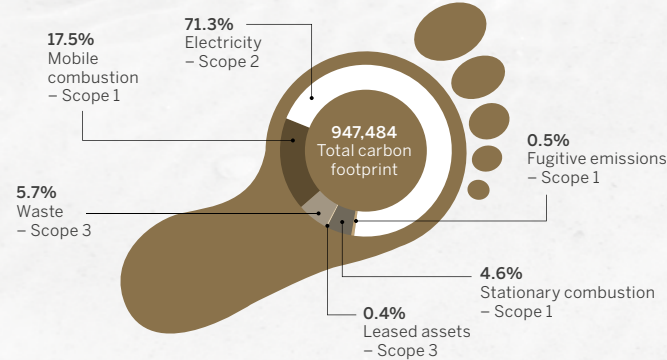


Energy Performance¹

We reduced absolute Scope 1 and 2 market-based emissions by 12.4% and 11.4% from the 2015 baseline for resort and ferry operations respectively. Efficiency projects, more sustainable grid systems and the purchase of renewable energy certificates contributed to the decrease in emissions.

Carbon Footprint

(MT CO₂e)



Energy Consumption

(Gigajoules)

Direct energy
3,206,562

By source:

Non-renewable
Gasoline: 27,543
Diesel*: 1,999,032
Jet kerosene: 256,536
Natural gas**: 750,072
LPG: 171,906

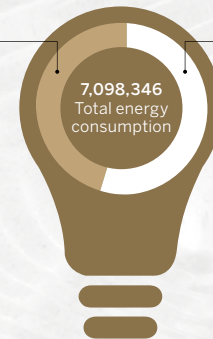
Renewable
Solar thermal: 272
Solar PV: 1,200

Indirect energy
3,891,784

By source:

Non-renewable
Electricity: 3,629,036
Heating: 10,797
Cooling: 251,952

Renewable
Renewable Energy Certificates: 557,359

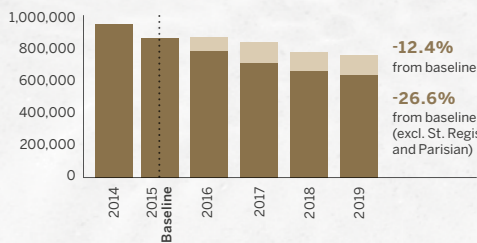


* Diesel includes mobile diesel, stationary diesel and marine fuel.
** Natural gas includes CNG, town gas and natural gas.

Resort Operations²

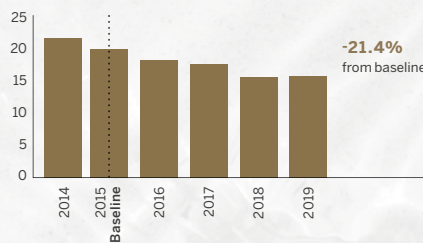
Emissions Absolute

Scope 1 & Scope 2 (MT CO₂e)



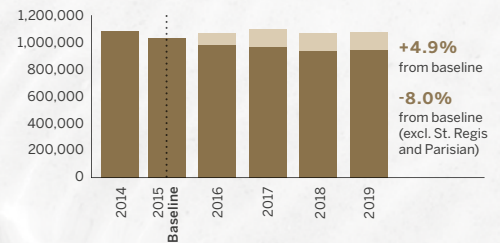
Emissions Intensity³

Scope 1 & Scope 2 (MT CO₂e/1,000 sq. ft.)



Electricity Absolute

(MWh)

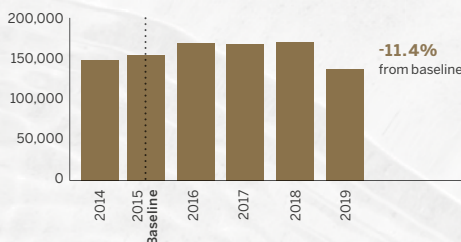


2020 Target:
6% reduction from the 2015 baseline

Ferry Operations

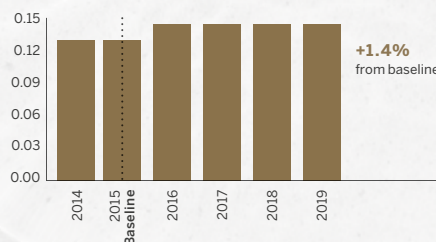
Emissions Absolute

Scope 1 (MT CO₂e)



Emissions Intensity

Scope 1 (MT CO₂e/nautical mile)



■ Legacy properties⁴
■ Newly opened properties⁵

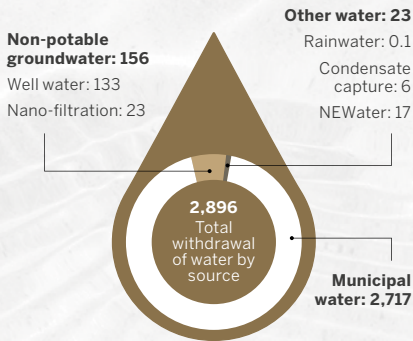
2020 Target:
6% reduction from the 2015 baseline



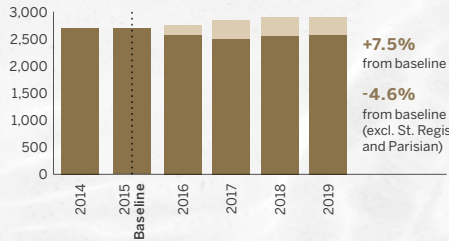
Water Performance

We achieved a 3.2% reduction in water use per square foot from the 2015 baseline. Absolute water use increased 7.5%, mainly due to increased business activity, but decreased by 4.6% when excluding the newly opened properties.

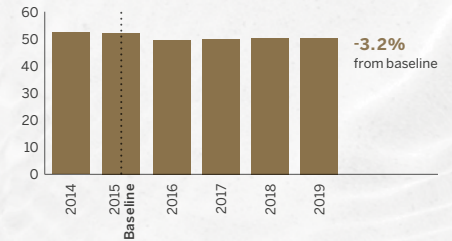
Total Water Use (million gallons)



Water Absolute⁶ (million gallons)



Water Intensity³ (gallons/sq. ft.)

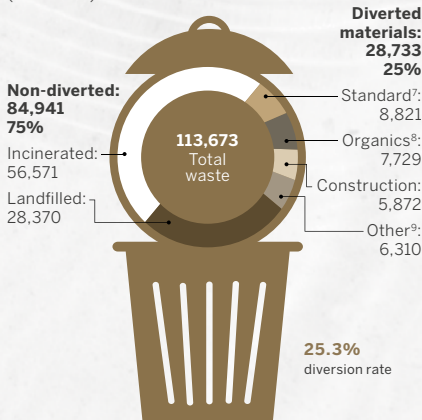


2020 Target:
3% reduction from the 2015 baseline

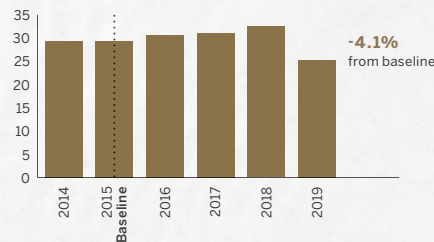
Waste Performance

Our waste diversion rate decreased by 4.1% from the 2015 baseline due to ongoing challenges in the global recycling market. We are continuously looking for opportunities to reduce, reuse, and recycle and are exploring innovative regional waste solutions.

Diverted Materials (short tons)



Waste Diversion Rate³ (%)

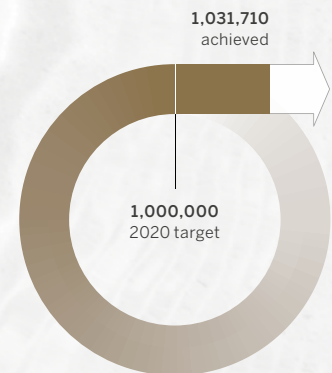


2020 Target:
5% increase from the 2015 baseline



TM Actions

We exceeded our 1 million Sands ECO360 actions goal one year early. In 2019, Team Members carried out 248,450 Sands ECO360 actions to support the environment.



Notes

- Sands Bethlehem was removed from our portfolio after the sale of the property in 2019. All data has been adjusted to exclude this property.
- Emissions reported uses a market-based emissions approach.
- Data represents legacy properties and newly opened properties combined.
- Legacy properties: those in operation prior to 2016, including The Venetian Resort Las Vegas, Marina Bay Sands, The Venetian Macao, The Plaza Macao, Sands Macao, Sands Cotai Central and Sands Aviation.
- Newly opened properties: those that became operational during or after 2016, including The St. Regis Macao, Cotai Central and The Parisian Macao.
- For our Las Vegas properties, 2016 serves as a proxy baseline year for water consumption.
- "Standard" includes: plastic, aluminum, cardboard, paper, glass and metal.
- "Organic" includes: food waste, food donations, horticultural waste and cooking oil.
- "Other" includes: recovered assets, batteries, e-waste, donations, light bulbs, soap and shampoo amenities.



ABOUT LAS VEGAS SANDS CORP.

Las Vegas Sands Corp. (LVS) is the world's pre-eminent developer and operator of world-class Integrated Resorts that feature luxury hotels; gaming, retail, entertainment, convention and exhibition facilities; celebrity chef restaurants; and many other amenities. Starting with a single property in 1990, the reach of LVS now extends worldwide, from Las Vegas to Macao and Singapore. Our Integrated Resorts have become premier destinations for travel enthusiasts around the world.

SANDS ECO•360

Our responsibility to the planet is as important to us as our commitment to the comfort and well-being of our guests and Team Members. The Sands ECO360 global sustainability strategy is designed to help minimize our environmental impact. It reflects our vision to lead the way in sustainable building development and resort operations. Driven by an aspirational idea, made possible through the dedication and hard work of our Team Members, we continue our journey to a more sustainable future.

For more information, visit our website:
<https://www.sands.com/sands-eco-360.html>

Please take a moment to tell us what you think by contacting us at
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