

# ESG Overview

## TABLE OF CONTENTS

|                                     | <u>Page No.</u> |
|-------------------------------------|-----------------|
| Corporate Responsibility Overview   | 1               |
| ESG Supplemental Data               | 2               |
| Sands ECO360                        | 4               |
| Environmental Performance Data      | 9               |
| Environmental Assurance Certificate | 11              |

# Las Vegas Sands

## Corporate Responsibility Overview

---

### Selected Corporate Responsibility Highlights:



PEOPLE

SANDS ACADEMY

Las Vegas Sands Corp. was named to Forbes' annual list of "America's Best Employers" in the United States for the third consecutive year in 2019. In 2019, women represented approximately 50% of our total workforce. All of our team members and executives must complete annual mandatory training programs addressing our Code of Business Ethics and Conduct, Anti-Corruption, Anti-Money Laundering, Anti-Human Trafficking and Anti-Harassment.



COMMUNITIES

SANDS CARES

PROJECT PROTECT

We supported 135 entities in 2019 through Sands Cares, our charitable giving and community engagement program focusing on: (1) Providing services to the underserved or underprivileged populations identified in each of our local regions, (2) Supporting education and promoting opportunities for employment, (3) Promoting and preserving local culture and heritage, and (4) Providing disaster relief and working with communities to drive resiliency through both preparation and response mechanisms. In addition, Project Protect is our financial crime prevention, anti-human trafficking and responsible gaming program.



PLANET

SANDS ECO.360

We are firmly committed to environmental responsibility by promoting sustainable development and reducing the impact of our operations on the natural environment. Our Sands ECO360 program drives our global sustainability strategy with the primary objective of continuously improving our stewardship of the environment.

# ESG Supplemental Data

FY 2019

## SOCIAL

### Community

| Community Engagement                        | Las Vegas Sands |         |             |
|---|-----------------|---------|-------------|
|   | 2018            | 2019    | 2019 Target |
| # employee hours volunteered                | 29,307          | 39,494  | 81,500      |
| # community events                          | 92              | 115     | 100         |
| lbs. of food donated (1)                    | 140,896         | 200,988 | 125,000     |
| # of disaster relief kits built and donated | 90,350          | 100,320 |             |

| Customer Satisfaction (2) | Las Vegas Sands |      |
|---------------------------|-----------------|------|
|                           | 2018            | 2019 |
| % satisfied customers     | 77.5            | 79.7 |
| Data coverage             | 30.4            | 44.8 |

| Community Engagement                        | Sands China Limited |        |             |
|---|---------------------|--------|-------------|
|   | 2018                | 2019   | 2019 Target |
| # employee hours volunteered                | 11,102              | 14,114 | 12,000      |
| # community events                          | 28                  | 42     | 36          |
| lbs. of food donated (1)                    | -                   | 9,109  | -           |
| # of disaster relief kits built and donated | 35,350              | 40,320 |             |

| Customer Satisfaction (2) | Sands China Limited |      |
|---------------------------|---------------------|------|
|                           | 2018                | 2019 |
| % satisfied customers     | 83.7                | 85.6 |
| Data coverage             | 8.8                 | 20.7 |

### Employment

| Employee Engagement (3)        | Las Vegas Sands |        |       | *no survey conducted in 2019 |
|--------------------------------|-----------------|--------|-------|------------------------------|
|                                | 2017            | 2018   | 2019* |                              |
| Data coverage (H)              | 14,947          | 35,743 | -     |                              |
| Actively engaged employees (H) | 11,509          | 27,248 | -     |                              |
| Data coverage (%)              | 58%             | 73%    | 0%    |                              |
| Actively engaged employees (%) | 45%             | 56%    | 0%    |                              |

| Freedom of Association |  |
|------------------------|--|
| Las Vegas Sands        | 9% Certain culinary personnel are hired from time to time to provide services for trade shows and conventions at Sands Expo Center and are covered under a collective bargaining agreement between Sands Expo Center and the Local Joint Executive Board of Las Vegas, for and on behalf of Culinary Workers Union, Local 226 and Barbers Union, Local No. 305. This collective bargaining agreement expired in December 2020, but automatically renews on an annual basis. As a result, Sands Expo Center is operating under the terms of the expired bargaining agreement with respect to these employees.<br>Certain employees in Singapore are covered by the Attractions, Resorts and Entertainment Union (AREU). |

| Employee Engagement            | Sands China Limited |        |       | *no survey conducted in 2019 |
|--------------------------------|---------------------|--------|-------|------------------------------|
|                                | 2017                | 2018   | 2019* |                              |
| Data coverage (H)              | 14,947              | 17,567 | -     |                              |
| Actively engaged employees (H) | 11,509              | 11,000 | -     |                              |
| Data coverage (%)              | 31%                 | 67%    | 0%    |                              |
| Actively engaged employees (%) | 24%                 | 50%    | 0%    |                              |

| Freedom of Association |   |
|------------------------|---|
| Sands China Limited    | N/A There are no collective negotiation or collective bargaining agreements in Macao as there are no trade unions or workers' committees. |

### Training and Development

| Anti-corruption Training                   | Las Vegas Sands |             | Sands China Limited |       |
|--|-----------------|-------------|---------------------|-------|
|  | Completed       | % Completed | Completed           | %     |
| Directors and above                        | 884             | 92.4%       | 324                 | 92.0% |
| Managers/supervisors                       | 8,639           | 97.0%       | 4,171               | 97.0% |
| Salaried/specialists and hourly/operations | 35,813          | 96.8%       | 21,353              | 97.0% |
| Total                                      | 45,336          | 96.7%       | 25,848              | 97.7% |

| Counter-Human Trafficking Training         | Las Vegas Sands |             | Sands China Limited |       |
|--|-----------------|-------------|---------------------|-------|
|  | Completed       | % Completed | Completed           | %     |
| Directors and above                        | 883             | 92.3%       | 330                 | 93.8% |
| Managers/supervisors                       | 8,702           | 98.1%       | 4,241               | 98.9% |
| Salaried/specialists and hourly/operations | 35,712          | 96.9%       | 21,404              | 98.5% |
| Total                                      | 45,297          | 97.0%       | 25,975              | 98.5% |

### Diversity

| Gender Diversity                                       | Las Vegas Sands | Sands China Limited |
|--|-----------------|---------------------|
| Female share of total workforce (%)                    | 50%             | 51%                 |
| Females in all management positions (%)                | 43%             | 43%                 |
| Females in junior management positions (%)             | 44%             | 45%                 |
| Females in top management positions (%)                | 31%             | 29%                 |
| Females in revenue generating management positions (%) | 52%             | 45%                 |

#### Notes:

(1) Includes milk rescued from properties, collected through food drives and funded through Sands Care program.

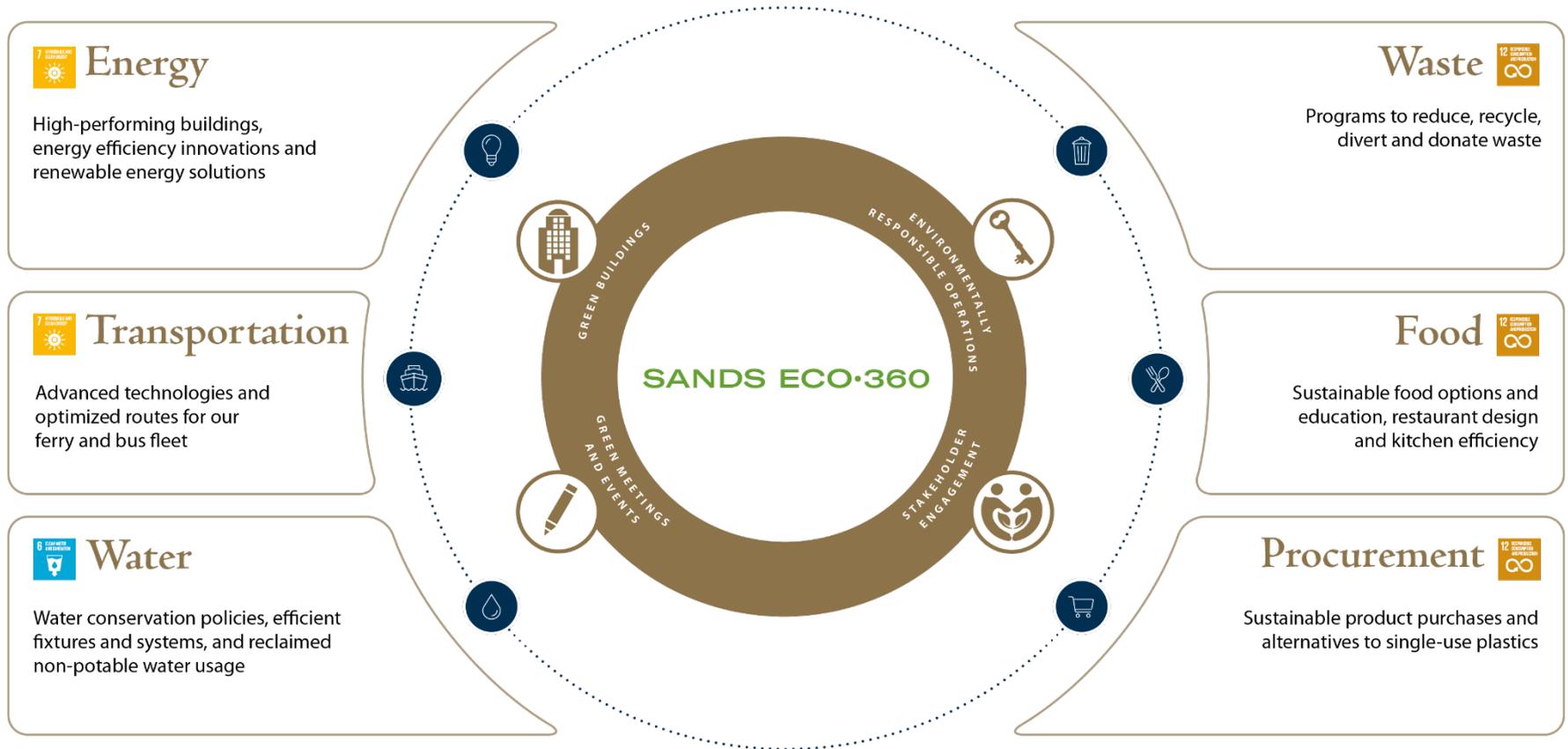
(2) Customer satisfaction represents % of satisfied customers out of total number of customers responding to the survey. Data coverage represents % of customers surveyed (both respondents and non-respondents) out of total number of reservations.

(3) Employee engagement represents number or percentage of actively engaged employees based on Company's Team Member engagement surveys. We conduct an employee engagement survey every two years.

# Sands ECO360

# Sands ECO360

## Industry Leading Global Sustainability Program



The Sands ECO360 Global Sustainability program reflects our vision to lead our industry in sustainable development and integrated resort operations

# Sands ECO360

## Global Goals - Our 2016-2020 Targets

- We have aligned our global sustainability targets for 2016-2020 with three key, measurable, UN Sustainable Development Goals (SDGs) and our emissions reduction goals are approved by science-based targets:

|  |  <b>7 AFFORDABLE AND CLEAN ENERGY</b><br><b>Emissions</b>   |  <b>6 CLEAN WATER AND SANITATION</b><br><b>Water</b>  |  <b>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</b><br><b>Waste</b>   |
|--|--|---|--|
| <b>UN Sustainable Development Goals (SDGs)</b> | <ul style="list-style-type: none"> <li>Double the global rate of improvement in energy efficiency</li> <li>Increase substantially the share of renewable energy in the global energy mix</li> </ul>  | <ul style="list-style-type: none"> <li>Substantially increase water-use efficiency across all sectors</li> </ul>  | <ul style="list-style-type: none"> <li>Substantially reduce waste generation through prevention, reduction, recycling, and reuse</li> <li>Halve per capita global food waste</li> </ul>  |
| <b>Sands ECO360 Alignment with SDGs</b>        |  Energy<br> Transportation   |  Water  |  Waste<br> Food<br> Procurement |
| <b>LVS Goals (2016-2020)</b>                   | <ul style="list-style-type: none"> <li>6% reduction in emissions from resort operations, in addition to offsetting newly opened resorts (Achieved)</li> <li>6% reduction in ferry emissions (Achieved)</li> </ul>  | <ul style="list-style-type: none"> <li>3% reduction in consumption on a per square foot basis (Achieved)</li> </ul>   | <ul style="list-style-type: none"> <li>5% increase in waste diversion rate (In Progress)</li> </ul>  |
| <b>Select 2019 LVS Accomplishments</b>         | <ul style="list-style-type: none"> <li>Implemented 53 eco-efficiency projects throughout our resorts</li> <li>Started sourcing renewable energy certificates (REC) for Marina Bay Sands and The Venetian Resort (VR)</li> <li>Achieved 98% of LED lighting at Sands China Ltd. properties</li> </ul> | <ul style="list-style-type: none"> <li>Implemented 17 water-efficiency projects throughout our resorts</li> <li>Implemented water engagement program with kitchens and food &amp; beverage outlets at all properties</li> <li>Increased water input from well and nano-filtration system at VR</li> </ul> | <ul style="list-style-type: none"> <li>Started food donation program at Sands China Ltd.</li> <li>Engaged team members and community members on single-use plastic reduction and challenges</li> <li>Increased sourcing of sustainable seafood at all properties</li> </ul>              |

# Sands ECO360

## Key Accomplishments 2019

---

- 1** Employee engagement: During 2019, our Team Members continued to embed sustainability into our culture, contributing to more than 240,000 Sands ECO360 Actions to protect the environment, which allowed us to reach our 1 million Sands ECO360 action by 2020 goal one year in advance. Our global ECOengage campaign on single-use plastic demonstrated to be an effective way to discuss and act on pressing, current environmental challenges.
- 2** LEED Certifications: The Sands Expo and Convention Center at Marina Bay Sands obtained the LEED Platinum certification for “Existing Buildings: Maintenance & Operations”. It is believed to be the first MICE venue in Asia Pacific to achieve this certification.  
The Parisian Macao is the first Integrated Resort in Macao to achieve the LEED Silver for Building Design and Construction certification.
- 3** CDP and DJSI: We are the only company from the Casino & Gaming industry named on the DJSI North America, and are still part of the CDP Climate A List and CDP Water A List.
- 4** Single-use Plastic: In 2019, we formalized our strategy to address single-use plastic and implemented multiple initiatives to eliminate, reuse, replace and recycle single-use plastic in our operations. Items like plastic straws, food containers, retail bags, laundry packaging and water bottles have been, or are in process of being, addressed.
- 5** Renewable Electricity: The Venetian Resort Las Vegas partnered with NV Energy to procure sufficient renewable energy certificates to cover 100% of its electricity use.

# Sands ECO360

## Sustainability Awards and Certifications

### Las Vegas Sands

Dow Jones Sustainability Indices  
(2015, 2016, 2018, 2019)

FTSE4Good  
(2019)

CDP Climate A List  
(2015, 2016, 2018, 2019)

CDP Water A List  
(2018, 2019)

### United States

Better Buildings Challenge  
*The Venetian Resort Las Vegas*

APEX/ASTM Level Two  
*Sands Expo and Congress Center at The Venetian Resort Las Vegas*

LEED Silver for New Construction  
*The Palazzo*

LEED Gold for Building Operations and Maintenance  
*Sands Expo and Congress Center at The Venetian Resort Las Vegas*

### Macao

LEED Silver for Building Design and Construction

*The Parisian Macao*

Macao Green Hotel Awards  
*Platinum – The Venetian Macao*  
*Gold – Sands Cotai Central, Parisian Macao, Four Seasons Hotel Macao*  
*Silver – Sands Macao*

World's Leading Green Hotel – World Travel Awards  
*Conrad Macao*

ISO 20121  
*The Venetian Macao*

IMEX / GMIC Green Supplier Award  
*The Venetian Macao*

### Singapore

LEED Platinum for Building Operations and Maintenance  
*Sands Expo and Convention Center at Marina Bay Sands*

LEED Gold for Building Operations and Maintenance  
*ArtScience Museum at Marina Bay Sands*

Singapore BCA Green Mark Platinum  
*Marina Bay Sands*

APEX/ASTM Level One  
*Marina Bay Sands*

ISO 20121  
*Marina Bay Sands*

IMEX / GMIC Green Supplier Award  
*Marina Bay Sands*



Recognized by independent third parties as a global leader in sustainability – recognition on a local and global level

# Environmental Performance Data

# Environmental Performance Data

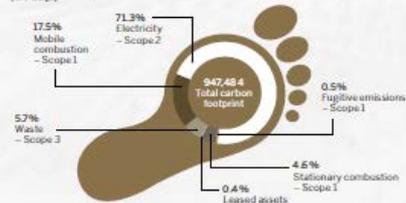
FY 2019

## Energy Performance<sup>1</sup>

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.

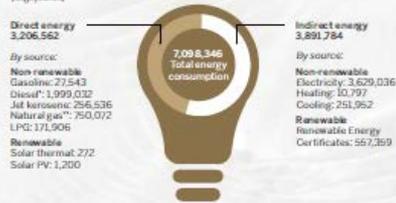
### Carbon Footprint

(MT CO<sub>2</sub>e)



### Energy Consumption

(Gigajoules)



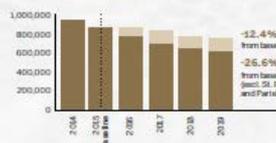
\* Diesel includes mobile diesel, stationary diesel and marine fuel.

\*\* Natural gas includes LNG, town gas and natural gas.

## Resort Operations<sup>2</sup>

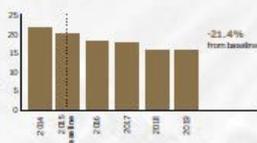
### Emissions Absolute

Scope 1 & Scope 2 (MT CO<sub>2</sub>e)



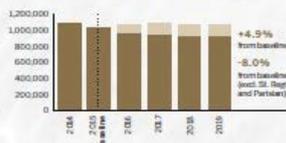
### Emissions Intensity<sup>3</sup>

Scope 1 & Scope 2 (MT CO<sub>2</sub>e/1,000 sq. ft.)



### Electricity Absolute

(MWh)

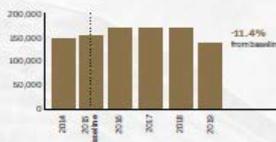


2020 Target: 6% reduction from the 2015 baseline

## Ferry Operations

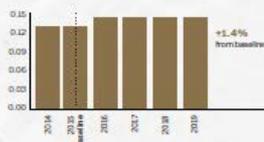
### Emissions Absolute

Scope 1 (MT CO<sub>2</sub>e)



### Emissions Intensity

Scope 1 (MT CO<sub>2</sub>e/hauloff mile)



■ Legacy properties<sup>4</sup>  
■ Newly opened properties<sup>5</sup>

2020 Target: 6% reduction from the 2015 baseline

### Notes

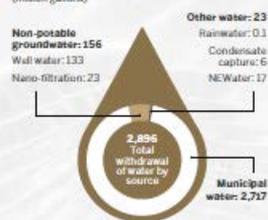
- Sands Bethlehem was removed from our portfolio after the sale of the property in 2013. All data has been adjusted to exclude this property.
- Emissions reported uses a market-based emissions approach.
- Data represents legacy properties and newly opened properties combined.
- Legacy properties: those 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 Avallon.
- 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 stampoo amenities.

## 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.

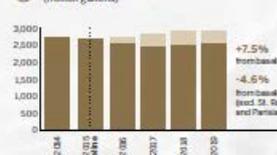
### Total Water Use

(million gallons)



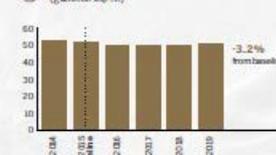
### Water Absolute<sup>6</sup>

(million gallons)



### Water Intensity<sup>3</sup>

(gallons/sq. ft.)



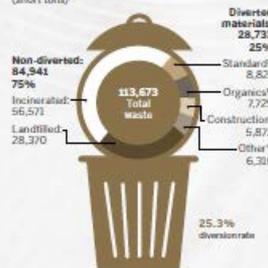
2020 Target: 3% reduction from the 2015 baseline

## 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.

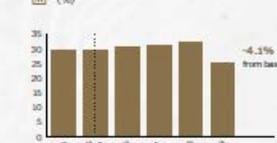
### Diverted Materials

(short tons)



### Waste Diversion Rate<sup>3</sup>

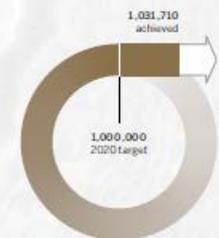
(%)



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.



# Environmental Assurance Certificate

**Assurance Statement related to  
Environmental Assertion 2019  
prepared for Las Vegas Sands Corp.**

**Terms of Engagement**

This Assurance Statement has been prepared for Las Vegas Sands Corp.

Lloyd's Register Quality Assurance, Inc. (LR) was commissioned by Las Vegas Sands Corp. (LVS) to assure its Environmental Assertion, for the calendar year 2019, (hereafter referred to as "the Assertion").

The Assertion relates to direct greenhouse gas (GHG) emissions (Scope 1), energy indirect GHG emissions (Scope 2), other indirect GHG emissions (Scope 3) from waste generation, energy consumption, waste generation and water use.

**Management Responsibility**

The management of LVS was responsible for preparing the Assertion and for maintaining effective internal controls over the data and information disclosed. LR's responsibility was to carry out an assurance engagement on the Assertion in accordance with our contract with LVS.

Ultimately, the Assertion has been approved by, and remains the responsibility of LVS.

**LR's Approach**

Our verification has been conducted in accordance with ISO 14064–3:2006, '*Specification with guidance for validation and verification of greenhouse gas assertions*' for the GHG data and LR's verification procedure for the other environmental data, to provide limited assurance that GHG and environmental data as presented in the Assertion have been prepared in conformance with the World Resources Institute/World Business Council for Sustainable Development (WRI/WBCSD) GHG Protocol: *A Corporate Accounting and Reporting Standard*, and LVS internal environmental data reporting procedures.

To form our conclusions the assurance engagement was undertaken as a sampling exercise and covered the following activities:

- reviewed processes related to the control of GHG emissions, energy consumption, waste generation and water data and records;
- interviewed relevant staff of the organization responsible for managing GHG emissions, energy consumption, waste generation and water use data and records; and
- verified historical GHG emissions, energy consumption, waste generation and water use data and records at an aggregated level for the calendar year 2019.

In performing our verification services, we have complied with the independence and impartiality requirements of the ISO 16064-3 standard. LR also provides third party assurance services related to ISO 14001 management systems. The ISO 14001 assurance services along with the services included under this verification project are the only services provided by LR to LVS, as such they do not compromise our independence or impartiality.

**Level of Assurance & Materiality**

The opinion expressed in this Assurance Statement has been formed based on a limited level of assurance and at a materiality of the professional judgment of the Verifier.

**LR's Opinion**

Based on LR's approach nothing has come to our attention that would cause us to believe that the total Scope 1 GHG emissions, Scope 2 GHG emissions, Scope 3 GHG emissions, energy consumption, waste generation and water use disclosed in the Assertion, as summarized in Table 1 below, are not materially correct and that the Assertion has not been prepared in conformance with WRI/WBCSD GHG Protocol, and LVS internal environmental data reporting procedures.

Signed

Dated: 20 March 2020



Madlen King  
LR Lead Verifier  
On behalf of Lloyd's Register Quality Assurance Inc.  
1330 Enclave Parkway, Suite 200  
Houston, TX 77077  
LRQA reference number: UQA00000516

**Table 1. Summary of Las Vegas Sands Corp., Environmental Assertion 2019**

| GHG emissions  | Tonnes CO <sub>2</sub> e |
|--|--------------------------|
| Scope 1 GHG emissions  | 214,263                  |
| Scope 2 GHG emissions (location-based)   | 766,936                  |
| Scope 2 GHG emissions (market-based)   | 675,385                  |
| Scope 3 GHG emissions from waste generation  | 54,107                   |
| Energy   | MWh                      |
| Total energy consumption   | 1,971,763                |
| Renewable energy consumption   | 409                      |
| Waste  | Tonnes                   |
| Total waste disposed (landfill, incineration, recycled)  | 103,123                  |
| Waste sent for landfill or incineration  | 77,057                   |
| Waste recycled   | 26,066                   |
| Water  | US Gallons               |
| Total water use  | 2,895,589,542            |
| Municipal water  | 2,716,998,120            |
| Well water   | 133,037,000              |
| Treated groundwater (nano-filtration)  | 22,518,290               |
| Reclaimed water  | 16,613,066               |
| Condensate water   | 6,309,012                |
| Rainwater  | 114,054                  |
| Note 1: Scope 2, Location-based and Scope 2, Market-based are defined in the GHG Protocol Scope 2 Guidance, 2015 |                          |

This Assurance Statement is only valid when published with a summary of the GHG Emissions Inventory, or the entire GHG Performance Assertion to which it refers. It may only be reproduced in its entirety.

Lloyd's Register Group Limited, its affiliates and subsidiaries, including LRQA, Inc., and their respective officers, employees or agents are, individually and collectively, referred to in this Legal Section as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

The English version of this Assurance Statement is the only valid version. Lloyd's Register assumes no responsibility for versions translated into other languages. In the case of any conflict between the English and any other language versions of this Legal Section, the English version shall prevail.