



GRI Index

2017 Sands Environmental Progress Report

Our 2017 Environmental Progress Report has been prepared in accordance with the GRI Standards: Core option. We have reported against self-selected indicators based on material topics. The data in this report covers our performance for the calendar year 2017.

Lloyd's Register Quality Assurance Inc. was engaged by Las Vegas Sands Corp. to provide assurance of the carbon and water data included in this report. See the [Assurance Statement](#) on our website.

GRI Index: 2017 Sands ECO360 Progress Report

The table below lists our reported GRI indicators and provides links to the relevant information.

Unless otherwise specified, the chapters and page numbers refer to the 2017 Sands ECO360 Environmental Progress Report.

General Disclosures

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
ORGANIZATION PROFILE		
I02-1	Name of the organization	Las Vegas Sands Corp. Las Vegas Sands Corp. ("LVSC," or together with its subsidiaries "we" or the "Company") is a Fortune 500 company and the leading global developer of destination properties (Integrated Resorts) that feature premium accommodations, world-class gaming, entertainment and retail, convention and exhibition facilities, celebrity chef restaurants, and other amenities. The Company currently owns and operates Integrated Resorts in Asia and the United States. In addition to helping local communities increase tourism, LVSC is involved in numerous philanthropic activities through Sands Cares, the Company's corporate citizenship program. LVSC is also committed to sustainability through Sands ECO360, the Company's global sustainability program. In addition, the Company has a strong global commitment to responsible gaming and is dedicated to providing a responsible gaming environment for all the guests and has been named to Fortune's "World's Most Admired Companies" list.
I02-2	Activities, brands, products, and services	FORM 10-K FY17 (Annual Report): p.3-4 Available through our investor website: http://investor.sands.com More information about Las Vegas Sands Corp. is available on the corporate website: https://www.sands.com/properties/all-properties.html https://www.sands.com/corporate-overview.html
I02-3	Location of headquarters	3355 Las Vegas Boulevard South, Las Vegas, Nevada, United States
I02-4	Location of operations	FORM 10-K FY17 (Annual Report): p.4-9
I02-5	Ownership and legal form	FORM 10-K FY17 (Annual Report): p.3-4
I02-6	Markets served	FORM 10-K FY17 (Annual Report): p.4-9
I02-7	Scale of the organization	GRI Index, Data appendix, Employee data, p.14-15 FORM 10-K FY17 (Annual Report): p.3-9, 22, 44
I02-8	Information on employees and other workers	GRI Index, Data appendix, Employee data, p.14-15 FORM 10-K FY17 (Annual Report): p.22 Supervised workforce data is not tracked by the Company in any region. Only a small fraction of the organization's work is performed by supervised workers. Seasonal workforce changes are slight. There are no significant variations of employment numbers.
I02-9	Supply chain	FORM 10-K (Annual Report): p.3-23 Procurement and Supply Chain: https://www.sands.com/corporate-overview/procurement-supply-chain.html Our supply chain is made up of 6,000 tier one suppliers, 50 of which are critical tier one suppliers.
I02-10	Significant changes to the organization and its supply chain	FORM 10-K FY17 (Annual Report): p.11
I02-11	Precautionary Principle or approach	We apply the Precautionary Principle through our commitment to environmentally responsible operations: http://www.sands.com/sands-eco-360/our-strategy/360-responsible-operations.html

General Disclosures (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
102-12	External initiatives	<p>Las Vegas Sands Corp. also actively supports the following initiatives:</p> <ul style="list-style-type: none"> - U.S. Green Building Council - American Gaming Association - Events Industry Council Sustainability Committee - Better Buildings Alliance - National Center for Responsible Gaming (NCRG) - National Council on Problem Gambling (NCPG) - Nevada Council on Problem Gambling - Problem Gambling Center (PGC) - The National Environment Agency of Singapore - Singapore Packaging Agreement - The United Nations Sustainable Development Goals (SDGs) - Science Based Targets (SBTs) <p>For more information on the responsible gaming initiatives we support, see: http://www.marinabaysands.com/company-information/responsible-gambling.html https://www.venetian.com/casino/responsible-gaming.html https://www.sandschina.com/community-affairs/responsible-gaming.html See our 2017 CDP Climate Change response: (CC2.3c & 2.3e) ECO360 Global Sustainability Program: http://www.sands.com/sands-eco-360/our-strategy.html</p>
102-13	Membership of associations	<p>Las Vegas Sands Corp. holds active memberships in the following initiatives:</p> <ul style="list-style-type: none"> - U.S. Green Building Council - American Gaming Association - Singapore Packaging Agreement <p>See our 2017 CDP Climate Change response: (CC2.3c & 2.3e)</p>
STRATEGY		
102-14	Statement from senior decision-maker	Senior Vice President and Chief Procurement and Sustainability Officer statement, Sands ECO360 2017 Environmental Progress Report : p.2
ETHICS AND INTEGRITY		
102-16	Values, principles, standards, and norms of behavior	<p>Our Governance documents, including our Code of Business Conduct and Ethics, can be accessed on our corporate website: https://investor.sands.com/Company/Documents-and-Charters/default.aspx For our Supplier Code of Conduct, see our Procurement & Supply Chain section online: http://www.sands.com/corporate-overview/procurement-supply-chain.html</p>
GOVERNANCE		
102-18	Governance structure	<p>For information regarding the Board of Directors and its Committees, see: http://investor.sands.com/ir-home/governance/board-of-directors/default.aspx See our Environmental Responsibility Policy for information about our sustainability governance: https://www.sands.com/content/dam/corporate/sands/master/main/home/sands-eco-360/our-strategy/360-sustain-policy/environmental-responsibility-policy.pdf For our Strategy, see: https://www.sands.com/sands-eco-360/our-strategy.html For Corporate Governance Guidelines, see: https://s21.q4cdn.com/635845646/files/doc_downloads/governance_documents/Corporate-Governance-Guidelines-July-2017.pdf</p>

General Disclosures (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
STAKEHOLDER ENGAGEMENT		
I02-40	List of stakeholder groups	See our strategy: http://www.sands.com/sands-eco-360/our-strategy/stakeholder-engagement.html https://www.sands.com/sands-eco-360/our-strategy.html
I02-41	Collective bargaining agreements	FORM 10-K FY17 (Annual Report): p.22
I02-42	Identifying and selecting stakeholders	We have identified the key stakeholders to engage with through both our previous and current experience/relationships with them. Our stakeholders are individuals and organizations interested in and/or affected by our business. Understanding and taking action on what is relevant to our stakeholders maximizes the effectiveness of our strategy. For examples of our stakeholder engagement, see: http://www.sands.com/sands-eco-360/our-strategy/stakeholder-engagement.html
I02-43	Approach to stakeholder engagement	Our stakeholders, see our Sands ECO360 2016 Environmental Report, p.26-27: https://www.sands.com/sands-eco-360/our-news/environmental-report.html Stakeholder engagement, see our Sands ECO360 2016 Environmental Report, p.12-13: https://www.sands.com/sands-eco-360/our-news/environmental-report.html For key issues and strategy, see our website: https://www.sands.com/sands-eco-360/our-strategy.html We value the regular engagement with all our key stakeholder groups. These interactions range from online or telephone surveys and questionnaires (e.g., Team Members and guests) to in-person meetings (e.g., suppliers, government officials, and NGOs). The various engagement activities with our stakeholders throughout the year have also allowed us to determine the focus of our Sands ECO360 Report. No specific engagement was undertaken to determine report content.
I02-44	Key topics and concerns raised	See information on our stakeholders and stakeholder engagement, in our Sands ECO360 2016 Environmental Report, p.12-13, p.26-27 For key issues and strategy, see our website: https://www.sands.com/sands-eco-360/our-strategy.html

Boundaries

Material issues	Impacts occurs internal to LVSC	Impacts occurs external to LVSC	Responded to through:
Health, safety, and well-being	All entities	Our supply chain, our guests	GRI Index, Corporate Citizenship Overview and corporate websites
Energy consumption and risks	All entities	Our supply chain	Sands ECO360 report, newsletters and GRI Index
Workforce development and availability of skills	All entities	Our supply chain	GRI Index, Corporate Citizenship Overview and corporate websites
Business ethics (anti-corruption)	All entities	Our supply chain	GRI Index, Corporate Citizenship Overview and corporate websites
Community support and engagement	All entities	Our communities	Sands ECO360 report, Corporate Citizenship Overview and corporate website (including press releases and the blog Sands Confidential)
Water consumption and risks	All entities		Sands ECO360 report, GRI Index, newsletter
Waste	All entities		Sands ECO360 report, GRI Index, newsletter
Climate change and carbon emissions	All entities		Sands ECO360 report, GRI Index, CDP response
Economic impact	All entities	Our investors, supply chains, communities, and governments in countries of operations	Sands ECO360 report, GRI Index, Corporate Citizenship Overview and corporate website

General Disclosures (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
REPORTING PRACTICE		
I02-45	Entities included in the consolidated financial statements	FORM 10-K FY17 (Annual Report): p.82-128
I02-46	Defining report content and topic Boundaries	Report content, and topic boundaries, are defined by taking into account the most significant economic, environmental, and social impacts, as well as the concerns of our stakeholders. We do this by continually monitoring feedback from stakeholders who can be reasonably considered to affect, or be affected by, our business operations. We incorporate the Greenhouse Gas Protocol framework when determining our boundary for scope 1, 2, and 3 emissions. For examples of our stakeholder engagement, see online: https://www.sands.com/sands-eco-360/our-strategy/stakeholder-engagement.html
I02-47	List of material topics	For our key issues, see: http://www.sands.com/sands-eco-360/our-strategy.html
I02-48	Restatements of information	We adjusted our absolute water consumption for the 2016 year due to a reporting error.
I02-49	Changes in reporting	There are no significant changes in material topics and topic Boundaries.
I02-50	Reporting period	Our report draws on the performance highlights of the calendar year 2017. It covers the full scope of our global operations, including majority-owned subsidiaries.
I02-51	Date of most recent report	2017 Environmental Progress Report (published in June 2018)
I02-52	Reporting cycle	We report annually. We alternate publishing a full report and a progress report every other year.
I02-53	Contact point for questions regarding the report	Back cover of the report (sandseco360@sands.com)
I02-54	Claims of reporting in accordance with the GRI Standards	This report has been prepared in accordance with the GRI Standards: Core option.
I02-55	GRI content index	This GRI Index can be found on the ECO360 website https://www.sands.com/sands-eco-360/our-news/environmental-report.html
I02-56	External assurance	The carbon emissions and water withdrawal data included in the report was assured by a third-party verifier; the Assurance Statement is available: https://www.sands.com/sands-eco-360/our-news/environmental-report.html

Material Topics

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
ECONOMIC		
ECONOMIC PERFORMANCE		
GRI 103: MANAGEMENT APPROACH		
I03-I	Explanation of the material topic and its Boundaries	Las Vegas Sands contributes significantly to the economy through shareholder returns, taxes, licenses paid, employment of labor force, as well as community contributions and the generation of indirect economic stimulus as a result of our investments. Details on our financial performance, prepared in accordance with relevant laws, and externally assured, can be found online at: http://investor.sands.com/ir-home/financial-info/quarterly-financial-results/default.aspx
I03-2	The management approach and its components	
I03-3	Evaluation of the management approach	
<p>FORM 10-K FY17 (Annual Report): p.73–128</p> <p>Our approach to ensuring that we continue to impact the economy and the community in a positive way can be found in our governance documents and our committee charters: http://investor.sands.com/ir-home/governance/documents-and-charters/default.aspx</p> <p>Boundary: internal: all entities, external: our communities</p>		
GRI 201: ECONOMIC PERFORMANCE		
201-I	Direct economic value generated and distributed	<p>FORM 10-K FY17 (Annual Report): p.44–45, 104</p> <p>We communicate about community investments through our press releases, available here: https://investor.sands.com/ir-home/press-releases/default.aspx</p>
201-3	Defined benefit plan obligations and other retirement plans	FORM 10-K FY17 (Annual Report): p.119–120
INDIRECT ECONOMIC IMPACTS		
GRI 103: MANAGEMENT APPROACH		
I03-I	Explanation of the material topic and its Boundaries	See Economic Performance
I03-2	The management approach and its components	
I03-3	Evaluation of the management approach	
GRI 203: INDIRECT ECONOMIC IMPACTS		
203-2	Significant indirect economic impacts	<p>We are committed to collaborating with government and the public sector on a global agenda for development. We measure our contribution to sustainability using the widely recognized UN Sustainable Development Goals (SDGs) and science-based targets (SBTs). For more details on this, please see Sands ECO360 2016 Environmental Report: p.14–17.</p> <p>Increasing the understanding of sustainability through communication, awareness, and partnerships within local communities is the foundation of the Sands ECO360 program. Our communities are home to our properties and our Team Members. Being an exemplary employer and an upstanding corporate citizen is an integral part of doing business for Las Vegas Sands Corp. Through Sands Cares, we are an active community partner offering assistance to charitable organizations and causes that improve the quality of life for everyone. We work with local governments and municipalities to advance sustainability awareness. For example, at Sands Bethlehem we work alongside the City of Bethlehem municipality in our recycling programs.</p> <p>The added value from direct, indirect, and induced economic impact tied to each Integrated Resort is substantial, reflecting the multiplier effect of our investment and operations. The design, development, and operation of Integrated Resorts serves as an economic growth engine, creates cultural, entertainment, and shopping draw within the local community and has led to the creation of thousands of jobs. In Macao, our developments and operations account for approximately 27.9% of the Special Administrative Region's GDP.</p> <p>When we enter new jurisdictions, we use our highly experienced in-house staff, independent international consultants, and local experts to conduct economic and community impact assessments. Our mission is to complement what exists and enhance the environment through the introduction of new industry-leading facilities, world-class attractions and superior service levels. To achieve this, we work with local governments and build relationships with our customers, employ local labor, enhance education, improve infrastructure, and enable other businesses to thrive.</p> <p>See also Sands Cares: https://www.sands.com/sands-cares/our-commitment.html</p>

Material Topics (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
ANT-I-CORRUPTION		
GRI 103: MANAGEMENT APPROACH		
I03-1	Explanation of the material topic and its Boundaries	Acting with integrity is central to our commercial success, as we know that how we do business is as important as the results we achieve. We are committed to the highest standards of ethical conduct, including an unwavering commitment to anti-corruption. We also expect those we do business with to maintain the highest level of ethical behavior. Boundary: internal: all entities, external: our communities
I03-2	The management approach and its components	We have several policies and management structures in place to prevent corruption in all our operations. Our Code of Business Conduct and Ethics and our Anti-Corruption Policy can be accessed online: http://investor.sands.com/ir-home/governance/documents-and-charters/default.aspx Our Supplier Code of Conduct also includes a corruption and bribery prohibition. The document can be accessed online: http://www.sands.com/corporate-overview/procurement-supply-chain.html
I03-3	Evaluation of the management approach	We continually monitor our performance in this area through a number of mechanisms, including: <ul style="list-style-type: none"> - our audit committee - our ethics hotline: https://s21.q4cdn.com/635845646/files/doc_downloads/governance_documents/reporting-and-non-retaliation-policy-final-for-ir.PDF - the completion of training by key personnel within our business - disclosures on non-compliance with the Foreign Corrupt Practices Act (FCPA): see FORM 10-K FY17 (Annual Report), p.25, and FORM 10K FY17 (Annual Report) 'Litigation' section: p.110
GRI 205: ANTI-CORRUPTION		
205-1	Operations assessed for risks related to corruption	FORM 10-K FY17 (Annual Report); p.29 We have several policies and management structures in place to prevent corruption in all our operations. Our Code of Business Conduct and Ethics, Supplier Code of Conduct and our Anti-Corruption Policy can be accessed online: https://investor.sands.com/Company/Documents-and-Charters/default.aspx , https://www.sands.com/corporate-overview/procurement-supply-chain.html
205-2	Communication and training about anti-corruption policies and procedures	GRI Index, Data appendix, Anti-corruption data, p.15 The LVSC Code of Business Conduct and Ethics and Anti-Corruption Policy have been communicated to (and acknowledgements of receipt obtained for) both the LVSC and SCL (Sands China Limited) Board of Directors and Management. These Members also receive annual in-person training on the Code and anti-corruption policies and procedures. All Team Members are required to receive training on the Code of Business Conduct and Ethics and anti-corruption policies and procedures. The Company also communicates its anti-corruption policies and procedures to business partners, e.g., suppliers, agents, lobbyists, at the time of contracting, and depending on the type of business partner, annually thereafter. All suppliers and partners are required to acknowledge our anti-corruption policies and procedures.
ENVIRONMENTAL		
ENERGY		
GRI 103: MANAGEMENT APPROACH		
I03-1	Explanation of the material topic and its Boundaries	While our ultimate purpose is guest satisfaction, we also consciously aim to reduce our environmental footprint in our own operations, as well as focusing on the procurement of sustainable products and services.
I03-2	The management approach and its components	For more details on our approach environmentally responsible operations, and supply chain sustainability, see: http://www.sands.com/sands-eco-360/our-strategy/360-responsible-operations.html Boundary: internal: all entities, external: our supply chain
I03-3	Evaluation of the management approach	Our Sands ECO360 strategy focuses on the impacts that are most material to our business, balancing short-term targets and long-term aims. We measure and manage our environmental performance by recording and analyzing utility data to improve our operations. To maintain transparency and accountability, we issue annual reports about our performance. Data pertaining to our environmental performance can be found below. Our commitment to sustainability is validated through third-party disclosure frameworks, such as CDP and the Dow Jones Sustainability Index (DJSI). We've also set ambitious science-based greenhouse gas reduction targets, and are the first Integrated Resort company to have them approved by the Science Based Targets Initiative.

Material Topics (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
GRI 302: ENERGY		
302-I	Energy consumption within the organization	<ul style="list-style-type: none"> a. Total 2017 non-renewable fuel consumption is 3,397,088,451 MJ. Non-renewable fuels include mobile fuels (compressed natural gas (CNG), diesel, gasoline), aviation fuel, marine fuel, natural gas, and liquefied petroleum gas (LPG). b. Total 2017 renewable fuel consumption is 290,778 MJ. Renewable fuel consumption results from the utilization of biodiesel in automobiles. c. In mega joules (MJ), the total <ul style="list-style-type: none"> i. electricity consumption in 2017 is 3,851,279,770 MJ ii. heating consumption in 2017 is 902,614,900 MJ iii. cooling consumption (i.e., electricity chilled water) in 2017 is 242,648,746 MJ iv. steam consumption is N/A d. In joules, watt-hours or multiples, the total: <ul style="list-style-type: none"> i. electricity sold is N/A ii. heating sold is N/A iii. cooling sold is N/A iv. steam sold is N/A e. Total energy consumption (i.e., renewable fuels, non-renewable fuels, and electricity, renewable energy generated onsite) in 2017 amounts to 7,508,749,441 MJ. f. Monthly energy consumption is tracked via monthly invoices from the local utilities. g. All conversion factors were verified via third-party audit of our 2017 greenhouse gas (GHG) inventory data.
302-2	Energy consumption outside of the organization	<ul style="list-style-type: none"> a. There is no energy consumption outside of the organization to report. b. N/A c. N/A
302-3	Energy intensity	<ul style="list-style-type: none"> a. 157.6 MJ per conditioned square foot. b. Denominator (47,634,448) represents conditioned space. c. All applicable energy sources (e.g., fuel, electricity, heating, cooling) are included, after conversion to MJ. d. Ratio uses energy consumption within the organization.
302-4	Reduction of energy consumption	<ul style="list-style-type: none"> a. In 2017, newly implemented energy efficiency projects, coupled with ongoing operational improvements, contributed to a reduction in energy use of 124,084,476 MJ. b. Energy reductions include reductions in electricity, heating, and cooling. c. All reductions reported above occurred during calendar year 2017. d. A conversion factor of 1 kilowatt hour (kWh) to 3.6 mega joules (MJ) was employed in the calculations.
302-5	Reductions in energy requirements of products and services	<ul style="list-style-type: none"> a. Our product is hotel room nights and the use of casino space, meeting space, retail space and other amenities; the energy used has been captured in Scope 1 and 2 emissions, and energy reductions in calendar year 2017 has been calculated in 302-4. b. N/A c. N/A
WATER		
GRI 103: MANAGEMENT APPROACH		
103-I	Explanation of the material topic and its Boundaries	See Management Approach for "Energy"
103-2	The management approach and its components	
103-3	Evaluation of the management approach	

Material Topics (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
GRI 303: WATER		
303-I	Water withdrawal by source	See our Sands ECO360 2017 Environmental Progress Report , p.7 b. Monthly invoices from the local municipalities record consumption of purchased water, while on-property meters record rainwater and groundwater collection. Our data is assured by a third-party verifier. See our 2017 assurance statement
303-3	Water recycled and reused	a. In Las Vegas, our Nano filtration system captured and filters approximately 8 million gallons in 2017, which is used for irrigation purposes on property. Our property in Singapore also captured approximately .37 million gallons of rainwater in 2017 for use in irrigation and other non-potable uses. Our Singapore property also captures condensate water and uses it for irrigation and other non-potable uses. See our Sands ECO360 2017 Environmental Progress Report , p.7
EMISSIONS		
GRI 103: MANAGEMENT APPROACH		
I03-I	Explanation of the material topic and its Boundaries	See Management Approach for “Energy”
I03-2	The management approach and its components	
I03-3	Evaluation of the management approach	
GRI 305: EMISSIONS		
305-I	Direct (Scope 1) GHG emissions	a. 249,971 MT CO ₂ e b. CO ₂ , CH ₄ , N ₂ O, HFCs (PFCs, SF ₆ , NF ₃ not relevant to operations) c. 20.59 MT CO ₂ e e. GWP values were retrieved from “The Climate Registry General reporting Protocol, v2.1, January 2016, p.196, Appendix B, Table B.1, AR5” f. Financial control g. The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
305-2	Energy indirect (Scope 2) GHG emissions	a. 824,321 MT CO ₂ e b. 766,933 b. CO ₂ , CH ₄ , N ₂ O, HFCs (PFCs, SF ₆ , NF ₃ not relevant to operations) e. GWP values were retrieved from “The Climate Registry General reporting Protocol, v2.1, January 2016, p.196, Appendix B, Table B.1, AR5” f. Financial control g. The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
305-3	Other indirect (Scope 3) GHG emissions	a. 567,431 MT CO ₂ e b. CO ₂ , CH ₄ , N ₂ O, HFCs (PFCs, SF ₆ , NF ₃ not relevant to operations) c. No biogenic Scope 3 emissions d. Scope 3 emission sources include: purchased goods and services; capital goods; fuel- and-energy-related activities (not included in Scope 1 or 2); upstream transportation and distribution; waste generated in operations; business travel; employee commuting; and upstream leased assets f. GWP values were retrieved from “The Climate Registry General reporting Protocol, v2.1, January 2016, p.196, Appendix B, Table B.1, AR5” g. The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
305-4	GHG emissions intensity	a. 0.0190 MT CO ₂ e b. Metric tons CO ₂ e per square foot of conditioned space c. Scope 1 and Scope 2 (location-based) d. CO ₂ , CH ₄ , N ₂ O, HFCs (PFCs, SF ₆ , NF ₃ not relevant to operations)

Material Topics (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
305-5	Reduction of GHG emissions	<p>a. In 2017, 66 energy efficiency projects were implemented, with an annual CO₂e savings of 23,838 MT CO₂e</p> <p>b. CO₂, CH₄, N₂O, HFCs (PFCs, SF₆, NF₃ not relevant to operations)</p> <p>c. Baseline year – 2015</p> <p>d. Scope 1 and 2 (location-based)</p> <p>e. The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)</p>
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	All GHG emissions are expressed in terms of carbon dioxide equivalent (CO ₂ e). GWP values were retrieved from “The Climate Registry General reporting Protocol, v2.1, January 2016, p.196, Appendix B, Table B.1, AR5.” Additional methodology includes The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition).

EFFLUENTS AND WASTE

GRI 103: MANAGEMENT APPROACH

I03-1	Explanation of the material topic and its Boundaries	See Management Approach for “Energy”
I03-2	The management approach and its components	
I03-3	Evaluation of the management approach	

GRI 306: EFFLUENTS AND WASTE

306-1	Water discharge by quality and destination	There were no planned and/or unplanned water discharges to report in calendar year 2017.
306-2	Waste by type and disposal method	<p>See our Sands ECO360 2017 Environmental Progress Report, p.4, 7</p> <p>ii. Waste information is provided by the waste disposal contractor, and supported by documentation.</p>
306-3	Significant spills	There are no significant spills to report from our operations.

ENVIRONMENTAL COMPLIANCE

GRI 103: MANAGEMENT APPROACH

I03-1	Explanation of the material topic and its Boundaries	See Management Approach for “Energy”
I03-2	The management approach and its components	
I03-3	Evaluation of the management approach	

GRI 307: ENVIRONMENTAL COMPLIANCE

307-1	Non-compliance with environmental laws and regulations	<p>a. We have not been subject to any fines nor non-monetary sanctions for non-compliance with environmental laws and/or regulations</p> <p>b. As indicated in (a) above, we have not identified any non-compliance with environmental laws and/or regulations</p>
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SUPPLIER ENVIRONMENTAL ASSESSMENT

GRI 103: MANAGEMENT APPROACH

I03-1	Explanation of the material topic and its Boundaries	See Management Approach for “Energy”
I03-2	The management approach and its components	
I03-3	Evaluation of the management approach	

Material Topics (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
GRI 308: SUPPLIER ENVIRONMENTAL ASSESSMENT		
308-I	New suppliers that were screened using environmental criteria	We actively engage 3,000 suppliers, representing 50% of our total spend (both direct and indirect).
308-2	Negative environmental impacts in the supply chain and actions taken	<p>When selecting any given supplier we require them to document whether they provide sustainable alternatives to their conventional products and services. Additionally, a supplier business review is held where we re-educate them on our sustainable sourcing standards. For those that excel we nominate them for our Corporate Culture and Sustainability award. This award is presented annually at our Supplier Excellence Awards ceremony.</p> <p>We collect suppliers' sustainability strategy and program information to evaluate their corporate culture and commitment to sustainability. We also collect suppliers' product environmental information and identify whether their products meet our standards, which consider products' both environmental and social impact. We use the data to analyze each product category and determine the product category compliance level to our sustainable procurement standards.</p>
SOCIAL		
OCCUPATIONAL HEALTH AND SAFETY		
GRI 103: MANAGEMENT APPROACH		
103-I	Explanation of the material topic and its Boundaries	We are committed to ensuring a safe and healthy workplace for our employees. A summary of our occupational health and safety efforts across our operations can be found below.
103-2	The management approach and its components	<p>See online: http://www.sands.com/sands-cares/people.html</p> <p>Las Vegas Sands Corp. has an OSHA Written Workplace Safety Program as required by Nevada. This includes Safety Hazard Assessments for chemicals and risk-related job positions, training at time of hire, and annual training. We also have specialized teams in place to ensure electronics and fire safety at every property. Every Team Member accident is investigated and correction recommended to prevent re-occurrence.</p> <p>Further information is also included on our property websites:</p> <ul style="list-style-type: none"> - Las Vegas: http://careers.sands.com/content/about/ - Macao: www.venetianmacao.com/hotel/about-us/careers.html - Marina Bay Sands: www.marinabaysands.com/careers.html - Sands Bethlehem: www.pasands.com/about-us/careers.html <p>In the United States, we provide the following programs around Team Member health, safety and well-being:</p> <ul style="list-style-type: none"> - Wellness Physicals: health screenings (BMI, blood pressure, lipid panel, glucose). - Utilization Management: medical necessity, appropriate setting, appropriate length of stay, and concurrent review. - Case Management: identifies catastrophic and complex illnesses, transplants, and high dollar cases and then matches the level and method of case management services to the intensity of the case in the most efficient manner possible. The Case Manager helps the Team Member understand what to expect during the course of treatment, establishes collaborative long- and short-term recovery goals, interfaces with providers, addresses questions and concerns by the patient or family members, negotiates care in an effort to reduce claim costs, and communicates with our stop-loss carrier. - Maternity Management: trimester assessment calls for low-risk Team Members. If moderate- to high-risk Members, referred to case management. Educational books/ materials mailed to Members (available in Spanish), incentives for participating in program, post-partum assessment after delivery. - Disease Management: Personal Registered Nurse Health Coach, targeted messaging, education, newsletters. Conditions managed in the Disease Management program: <ul style="list-style-type: none"> • COPD (chronic obstructive pulmonary disease), congestive heart failure, coronary artery disease, diabetes, hypertension, asthma, depression. - We have partnered with a provider of valuable behavioral health information and interactive tools to help Team Members maintain or achieve overall wellness.
103-3	Evaluation of the management approach	Management continually monitors and acts on injury-related data for our operations internally.
GRI 403: OCCUPATIONAL HEALTH AND SAFETY		
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	We track and act on injury-related data for our operations internally. There were no work-related fatalities in 2017. We do not publicly disclose specific injury-related data. The information is subject to specific confidentiality constraints and is not reported due to sensitivity reasons.

Material Topics (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
TRAINING AND EDUCATION		
GRI 103: MANAGEMENT APPROACH		
I03-1	Explanation of the material topic and its Boundaries	<p>We believe that investing in our people, through training and education, is important both for their development as well as to the execution of our strategy, and the sustainability of our business. Our employees receive formal training on eco-awareness, to drive our sustainability performance, including in waste management and recycling. Further, virtually all members of our workforce receive training on bribery and corruption. We provide training relevant to an individual's role, regardless of gender, other diversity factors, and employee level. For further information, see: http://www.sands.com/sands-cares/people.html and http://www.sands.com/sands-eco-360/our-strategy/stakeholder-engagement.html</p> <p>Specifically on eco-awareness and how to further drive sustainability, we engage our Team Members through a range of channels:</p> <ul style="list-style-type: none"> - Orientation - Team Member handbook - Department training - Daily pre-shift meetings - Quarterly newsletters - Property tours - Wall displays - Video messages - Sustainable product giveaways and special Team Member Engagement Events <p>Boundary: internal: all entities, external: not material.</p> <p>As we rely on our employees for the execution of our strategy and sustainability efforts, we evaluate our management approach to training based on our performance against our goals and targets in relevant areas.</p>
I03-2	The management approach and its components	
I03-3	Evaluation of the management approach	
GRI 404: TRAINING AND EDUCATION		
404-1	Average hours of training per year per employee	<p>GRI Index, Data appendix, Training data, p.15</p> <p>Training data is not broken down by gender. A breakdown by employee category is only available at our U.S. properties.</p>
LOCAL COMMUNITIES		
GRI 103: MANAGEMENT APPROACH		
I03-1	Explanation of the material topic and its Boundaries	<p>Our approach to local community involvement is set out in the stakeholder engagement pillar of our ECO360 strategy, see online: https://www.sands.com/sands-eco-360/our-strategy.html and https://www.sands.com/sands-eco-360/our-strategy/stakeholder-engagement.html</p> <p>See also the stakeholder engagement section of our 2016 Sands ECO360 report: p.12-13</p> <p>Our stakeholder engagement is also available online: https://www.sands.com/sands-eco-360/our-strategy/stakeholder-engagement.html</p> <p>Besides our environmentally focused ECO360 program and report, Las Vegas Sands Corp. has an extensive corporate citizenship program called Sands Cares. See our website: https://www.sands.com/sands-cares/our-commitment.html, and the Corporate Citizenship Overview: https://www.ifoldsflip.com/i/977355-2017-corporate-social-responsibility-report for more information.</p> <p>Boundary: internal: all entities, external: our supply chain and communities.</p>
I03-2	The management approach and its components	

Material Topics (continued)

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
GRI 413: LOCAL COMMUNITIES		
413-1	Operations with local community engagement, impact assessments, and development programs	<p>See also our citizenship program Sands Cares https://www.sands.com/sands-cares/our-commitment.html and the Corporate Citizenship Overview https://www.ifoldsflip.com/i/977355-2017-corporate-social-responsibility-report</p> <p>All of our operations have implemented local community engagement plans.</p> <p>In addition to helping our host city or country achieve its tourism and economic goals, we also remain committed to helping achieve broader social objectives. Our Integrated Resorts serve as economic growth engines; create cultural, entertainment and shopping draw within the local communities; and create thousands of jobs.</p> <p>Along with the significant employment opportunities associated with our projects, we provide training and other opportunities for our Team Members to grow in a wide range of tourism-serving positions. Service excellence is a critical priority for us and, as such, we partner with local public and private institutions to train the workforce and elevate the overall levels of service in the local tourism industry.</p> <p>When entering new jurisdictions, we use our highly experienced in-house staff, independent international consultants, and local experts to conduct economic and community impact assessments. Our mission is to complement what exists and enhance the environment through the introduction of new industry-leading facilities, world-class attractions, and superior service levels. To achieve this, we work with local governments and build relationships with our customers, employ local labor, enhance education, improve infrastructure, and enable other businesses to thrive.</p> <p>Another example of an assessment of impact on the local community: For our operations in Pennsylvania, the Pennsylvania Gaming Control Board published a Gaming Diversity Report for 2015/2016: https://gamingcontrolboard.pa.gov/files/communications/2016-2017_Gaming_Diversity_Report.pdf</p> <p>The report includes figures pertaining to Sands Bethlehem's expenditures to local businesses, equality demonstrated in the area of procurement, community outreach, sponsorships and donations to local charities, and statistics pertaining to positions offered/hired. All statistics in the report are through June 30, 2017.</p>
413-2	Operations with significant actual and potential negative impacts on local communities	<p>Promoting an environment of responsible gaming and recognizing issues with problem gaming has been an initiative that the company has taken very seriously and was developed as part of Las Vegas Sands' "Play Responsibly." Every year, Las Vegas Sands conducts their one-of-a-kind Responsible Gaming Ambassador Training at their properties around the world, where Responsible Gaming Ambassadors are trained to detect problem gambling issues with their guests, maintaining a safe environment for patrons, Team Members and the communities in which we operate.</p>

Data appendix

Employee data

Las Vegas Sands Corp. U.S. markets

NEVADA

Las Vegas Sands Corp.,
Sands Aviation, The
Venetian, The Palazzo, and
Venetian Marketing Inc.

Female					Male					Grand total
FT/FTFLX	On-call*	Part-time	Seasonal**	Total female	FT/FTFLX	On-call*	Part-time	Seasonal**	Total male	
3,713	691	13	0	4,417	3,762	759	3	0	4,524	8,941

*On-Call employees have no set schedule or guaranteed hours and are called on an "as-needed" basis to perform work based on business needs.

**Only Seasonal workers are designated as "temporary" workers. The Company does utilize workers through staffing agencies, but the Company does not track this information.

Sands Expo and Convention
Center (SECC)

Female					Male					Grand total
FT/FTFLX	On-call*	Part-time	Temporary**	Total female	FT/FTFLX	On-call*	Part-time	Temporary**	Total male	
50	435	1	0	486	68	503	0	0	571	1,057

*On-Call employees have no set schedule or guaranteed hours and are called on an "as-needed" basis to perform work based on business needs.

**Temporary worker information not tracked or compiled. There are no seasonal worker designations.

PENNSYLVANIA

Sands Bethlehem

Female					Male					Grand total
FT/FTFLX	On-call*	Part-time	Temporary**	Total female	FT/FTFLX	On-call*	Part-time	Temporary**	Total male	
967	19	56	0	1,042	1,354	11	57	0	1,422	2,464

*On-Call employees have no set schedule or guaranteed hours and are called on an "as-needed" basis to perform work based on business needs.

**Temporary worker information not tracked or compiled. There are no seasonal worker designations.

Las Vegas Sands Corp. Asian markets

SINGAPORE

Marina Bay Sands
Non-local (term contracts)*

Female				Male				Grand total
FT/FTFLX	Part-time	Temporary**	Total female	FT/FTFLX	Part-time	Temporary**	Total male	
1,394	0	8	1,402	1,945	0	1	1,946	3,348

Marina Bay Sands
Local (open contracts)

Female				Male				Grand total
FT/FTFLX	Part-time	Temporary**	Total female	FT/FTFLX	Part-time	Temporary**	Total male	
3,136	13	51	3,200	3,235	8	32	3,275	6,475

*All non-local workers' employment is subject to the approval of their work pass by the Singapore government.

**Temporary workers include interns.

Las Vegas Sands Corp. Asian markets (continued)

MACAU

Venetian Macau Ltd. Non-local (term contracts)*	Female			Male			Grand total
	FT	Temporary**	Total female	FT	Temporary**	Total male	
	3,627	8	3,635	4,825	3	4,828	8,463

Venetian Macau Ltd. Local (open contracts)	FEMALE				MALE				Grand total
	FT/FTFLX	Part-time	Temporary**	Total female	FT/FTFLX	Part-time	Temporary**	Total male	
	10,718	67	22	10,807	8,812	29	16	8,857	19,664

*Macau law requires all non-local workers to have term contracts that reflect their work permit status.

** Temporary workers include interns.

Omission: Supervised workforce data is not tracked by the Company in any region. Only a small fraction of the organization's work is performed by supervised workers. Seasonal workforce changes are slight. There are no significant variations of employment numbers.

Training data

Total training hours by region

Region	Hours	Average hours per employee
U.S.*	61,379	4.9
Macau	1.67 million	64
Singapore	179,033	18
Total	Approximately 1.9 million	Approximately 38

* At our U.S. properties, the scope of training activities included in the data collection is more limited than at our Asian properties. We are currently reviewing these processes.

Training attendances in U.S. markets

VPs	607
Directors	2,218
Managers	7,967
Supervisors	4,042
Individual contributors	26,199

Omission: Training data is not broken down by gender. A breakdown by employee category is only available at our U.S. properties. This data is not currently available; we are reviewing the processes in place.

Anti-corruption data

The table below combines the communication of, and training on, anti-corruption policies and procedures.

	LAS VEGAS*		PENNSYLVANIA		MACAO		SINGAPORE***	
	Completed	Percent**	Completed	Percent**	Completed	Percent**	Completed	Percent**
Directors and above	361	98%	51	100%	374	99%	252	99%
Managers/supervisors	1,184	97%	463	99%	5,637	100%	3,019	100%
Salaried/specialists	555	96%	102	99%	17,542	99%		
Hourly/operations	6,926	96%	2,190	96%	119	95%	5,926	100%
Total	9,026	96%	2,806	97%	23,672	99%	9,197	100%

* All Sands Expo Team Members completed anti-corruption training: 117/117

** Each Percentage provided is approximate.

*** MBS HR's job categories do not distinguish between Salaried/Specialists and Hourly/Operations.

Team Members who comprise the percentage not shown as Completed did not receive anti-corruption policies and procedures due to termination or approved leave of absence.