

# Summary of Carbon Footprint for Listed Companies

## 上市公司碳足跡摘要

Part 1 Reporting Entity Information 第一部分 報告機構資料		
1.1 Company information 公司資料		
Name of reporting entity: 報告機構名稱:	Eng: The Hongkong and Shanghai Hotels, Limited 中文: 香港上海大酒店有限公司	Stock code: 股份代號: 00045
Hang Seng Industry Classification 恆生行業分類(HSIC):		
(i) Industry: 行業:	NULL ▾	
(ii) Sector: 業務類別:	▾	
1.2 Basis of information reported in this form (e.g. weblink(s) to the carbon audit report, GHG accounting report, Environmental, Social and Governance report (ESG report) or sustainability report (GHG emission-related chapter) of the reporting entity, etc) 報告內容的基礎 (例如: 報告機構的碳審計報告、溫室氣體排放核算報告、「環境、社會及管治報告」或可持續發展報告(與溫室氣體排放有關的章節)之網絡連結等):		
Our company's Corporate Responsibility and Sustainability Report is available at <a href="https://www.hshgroup.com/en/sustainable-luxury/sustainability-reports">https://www.hshgroup.com/en/sustainable-luxury/sustainability-reports</a>		
<p>Attachment 附件</p> <p>Additional files upload if any (not more than 3 files, not exceeding 2Mb per file) 上載附件檔案 (如有) (不多於3個檔案及每個檔案少於2MB)</p> <p>File Description 文件描述: File 文件:</p> <p>File Description 文件描述: File 文件:</p> <p>File Description 文件描述: File 文件:</p>		
Part 2 Greenhouse Gas (GHG) Emissions 第二部分 溫室氣體排放		
2.1 GHG Emission Data 溫室氣體排放數據		
Reporting period: 報告期:	2019-01-01 To (至) 2019-12-31	
GHG Accounting Standard / Guideline: 溫室氣體核算標準 / 指引:	<input checked="" type="checkbox"/> EPD/ EMSD Guidelines 環境保護署/ 機電工程署指引 <input checked="" type="checkbox"/> GHG Protocol 溫室氣體議定書 <input type="checkbox"/> International Organization for Standardization (ISO) 14064 國際標準化組織 (ISO) 14064 <input checked="" type="checkbox"/> Others, please specify: (其他, 請說明) Global Reporting Initiative Sustainability Reporting	
Operational boundary <a href="#">Note 1</a> 營運邊界 <a href="#">備註 1</a>	Brief descriptions on emission sources 排放來源簡述	Emission data 排放數據
Scope 1 範圍 1:	GHG emissions as a result of the consumption of fuel oil, diesel, petrol, natural gas, town gas and Tokyo gas. Fugitive emissions in CFCs and HCFCs from the consumption of refrigerants.	21,258 tonnes CO <sub>2</sub> -e (公噸二氧化碳當量)
Scope 2 範圍 2:	Energy purchased by companies, including steam, district cooling, town gas and electricity.	76,559 tonnes CO <sub>2</sub> -e (公噸二氧化碳當量)
Scope 3 範圍 3:		tonnes CO <sub>2</sub> -e (公噸二氧化碳當量)
Reported GHG emissions in total: 所報告的溫室氣體排放總和:	97,816 tonnes CO <sub>2</sub> -e (公噸二氧化碳當量)	
2.2 Company related information 與公司有關的資料		
Total number of full-time-equivalent employees of the entity(s) covered in the reported GHG emission data during the reporting period: 報告期內溫室氣體排放數據所涵蓋機構的相等於全職僱員總人數:	8009	

Total gross floor area owned/controlled by the entity(s) covered in the reported GHG emission data during the reporting period (m <sup>2</sup> ): 報告期內溫室氣體排放數據所涵蓋機構擁有/控制的總樓面面積(平方米):	652118
Total revenue of the entity(s) covered in the reported GHG emission data during the reporting period (HK\$ million): 報告期內溫室氣體排放數據所涵蓋機構的總收入(百萬港元):	5888
Other information which is relevant to the entity's business operations covered in the reported GHG emissions during the reporting period, please specify (e.g., total no. of passengers, total no. of customers, total unit of goods produced, total no. of hotel rooms occupied, total kWh electricity generated, or total measures of freight load, etc.): 報告期內溫室氣體排放數據所涵蓋機構的其他有關營運資料, 請說明(例如: 乘客總人數、顧客總人數、製成產品總數量、酒店入住房間總數、總發電量(千瓦/小時)或貨運總量等):	
Total number of guest nights for 2018 was 1,277,201	

### 2.3. Geographical coverage of reported GHG emission data 所報告的溫室氣體排放數據地域範圍:

<input checked="" type="checkbox"/> Operations within Hong Kong 香港以內的營運
<input checked="" type="checkbox"/> Operations outside Hong Kong (Please specify city(ies)/country(ies)) 香港以外的營運 (請說明城市/國家名稱): Beijing and Shanghai in C
Please also specify the percentage of GHG emissions arising from Hong Kong operations 請同時說明由香港營運所產生的溫室氣體百分比: 24.9 %

<input checked="" type="checkbox"/> Subsidiaries 附屬公司	Please list out the subsidiaries covered in the GHG emission data during the reporting period: 請列出報告期內溫室氣體排放數據所涵蓋的附屬公司:
	1 The Peninsula Hong Kong
	2 The Peninsula Beijing
	3 The Peninsula Shanghai
	4 The Peninsula New York
	5 The Peninsula Chicago
	6 The Peninsula Beverly Hills
	7 The Peninsula Bangkok
	8 The Peninsula Manila
	9 The Peninsula Tokyo
	10 The Peninsula Paris
	11 The Repulse Bay
	12 The Peak Complex
	13 St. John's Building
	14 Thai Country Club
	15 Quail Lodge and Golf Club
	16 The Landmark Vietnam
	17 Tai Pan Laundry & Dry Clenaing Services, Limited

Additional information on physical boundary in relation to GHG emission reported (if applicable): 與所報告的溫室氣體排放數據相關之建築物邊界的附加資料(如適用):
n/a

### Part 3 GHG Emission Reduction Measures, Future Initiatives and Targets 第三部分 減少溫室氣體排放的措施、未來計劃及目標

#### 3.1 GHG emission reduction measures implemented during the Reporting Period 在報告期內減少溫室氣體排放的措施

No. 列序	GHG Emission Reduction Measures 減少溫室氣體排放的措施
1	Majority of our hotels and commercial properties implemented LED lighting alternatives in back-of-house, public areas and guestrooms. LED lighting is more energy efficient than conventional lights, which is an effective measure to reduce carbon emission.
2	We continuously look for opportunities to optimise/upgrade the chiller, air-conditioning and lift systems of our operations to improve energy efficiency. We also installed variable speed drives and motion sensors to reduce wastage. Building re-commissioning project in our hotels in Hong Kong, Chicago and Manila helped us get the best out of our existing mechanical, ventilation and air-conditioning (MVAC) system through optimising the performance of machinery and equipment.
3	In most hotels where we manage laundry programme have implemented low-temperature laundry programme. The new washing process has a shorter wash cycle at a lower temperature and uses biodegradable chemicals. It reduces water and energy consumption without compromising the clean and fresh look of our towels and linens.

#### 3.2 GHG emission reduction measures for future initiatives and targets 為未來計劃及目標而制訂的減少溫室氣體排放措施

No. 列序	Future Initiatives 未來計劃	Target GHG Reduction (Qualitative/ Quantitative) 減排目標 (性質/ 數量)
1	Absolute carbon emission reduction	Achieve 10% absolute carbon emission reduction by 2020, using the 2006-2008 average as baseline
2		

	Carbon intensity reduction	Achieve 30% carbon intensity reduction by 2020, using the 2006-2008 average as baseline
3	Energy intensity reduction	Achieve 25% energy intensity reduction by 2020, using the 2006-2008 average as baseline

**Part 4 Verification information**  
**第四部分 核證**

Has verification <b>note 2</b> been conducted? 是否曾經進行核證? <b>備註 2</b>	<input checked="" type="radio"/> Yes – please fill in the blanks below (是 – 請填寫以下空格) <input type="radio"/> No (否)
Verification body 核證機構:	KPMG
	<input checked="" type="checkbox"/> Others, please specify: (其他, 請說明:) KPMG was engaged to undertake a limited assurance engagement on identified elements (including GHG emissions) of the Corporate Responsibility and Sustainability Report and Data Statement 2019. The Report complies with the "comply or explain" provisions in the Hong Kong Stock Exchange's (HKEx) Environmental, Social, and Governance Reporting Guide (ESG Guide), which includes a number of relevant recommended disclosures and the report has been prepared in accordance with the Global Reporting Initiative Sustainability Reporting Standards (GRI Standards): Core option. Verification conducted by KPMG was in accordance with the International Standard on Assurance Engagements (ISAE) 3000 Assurance Engagements other than Audits or Reviews of Historical Financial Information and ISAE 3410 Assurance Engagements on Greenhouse Gas Statements. These standards require the assurance team to possess the appropriate knowledge, skills and professional competencies needed to perform the assurance engagement.
Date of verification: 核證日期:	2020-03-17
Remarks (e.g. various verification status for different subsidiaries): 備註(例如: 各附屬公司的核證情況):	Scope 2 GHG emission figures reported are using market-based methodology. The Peninsula Chicago and The Peninsula Tokyo achieved Gold level under the EarthCheck Standard. The standard is accredited by the sustainability tourism standard-setter, Global Sustainable Tourism Council (GSTC), with three of our hotels: Hong Kong, Paris and New York achieving Silver. While our Paris and New York hotels received the Positive Luxury label as one of the few hotels in the world achieving responsible luxury