

所報告的溫室氣體
排放總和:

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:	7527
Total gross floor area owned/controlled by the entity(s) covered in the reported GHG emission data during the reporting period (m ²): 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):	1,040,480
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):	5886
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):	
Consumed 137,597,037 kWh electricity	

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): Singapore, Sydney	
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: 0 %	
<input 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:
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):	

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	We make every effort to minimise our environmental footprint, enhance energy and material use efficiency, and raise environmental awareness. We integrate environmental protection and conservation practices into all aspects of our operations, including initiatives to reduce greenhouse gas ("GHG") emissions and conserve natural resources and energy. We monitor GHG emissions from our properties to analyse and evaluate our environmental performance against objectives and targets. These metrics are also used to evaluate the overall effectiveness of our EMS and to set future targets and action plans.
2	We have stringent measures in place for reducing GHG emissions in accordance with local government policies and international frameworks to combat climate change, such as Hong Kong's Climate Action Plan 2030+ and the Paris Agreement. We are a strong advocate of transparency in GHG disclosure and report our emissions annually in the Carbon Footprint Repository for Listed Companies in Hong Kong, developed by the Environmental Protection Department. We were also among the first group of companies to sign the Business Environment Council ("BEC")'s Low Carbon Charter (in March 2019).
3	

Enhancing energy efficiency and promoting energy saving play an important part in our efforts towards the continuous reduction of our GHG emissions. Sino Land supports the Energy Saving Charter initiated by the Environment Bureau and the Electrical and Mechanical Services Department. To date, 78 of our residential buildings, 33 of our shopping malls, and 42 of our commercial and industrial buildings have signed the Energy Saving Charter and pledged to maintain an average indoor temperature between 24°C and 26°C during the summer months. As a committed advocate of sustainability, we became a 4Ts Charter (Target, Timeline, Transparency and Together) partner of the Environment Bureau, under which we have set an internal energy intensity reduction target with implementation timelines. Thirteen shopping malls, 11 residential buildings and 13 commercial and industrial buildings have signed the 4Ts Charter.

4

With a view to reducing our GHG footprint, the Group has committed to harnessing technology and implementing initiatives that promote the use of renewable energy in our daily operations. By 2030, we aim to have cumulatively generated 8,500,000 kWh of energy from renewable sources since 2012. To meet this goal, we are installing renewable energy features in our managed properties and establishing smart platforms to monitor and optimise our building services and renewable energy systems. We are also promoting energy awareness and the use of renewable energy among employees, customers, suppliers and other stakeholders.

5

Photovoltaic System:

The Group is expanding the coverage of solar panels across our managed properties. As of 30 June 2020, over 2,100 photovoltaic panels, with a total power generating capacity of more than 700 kW, have been installed at properties under the Group's management in Hong Kong.

6

Integrated Renewable Energy Platform:

We have developed an Integrated Renewable Energy Platform, the Solar PowerSmart System, to monitor the real-time performance of the photovoltaic panels at our managed properties, including their system status, system capacity and photovoltaic energy output. This has enabled us to obtain the performance ratio of each site and compare it with the actual and rated energy outputs on a daily, monthly and yearly basis, for improvements in system performance.

7

Smart Hybrid Conversion System of Solar Energy at Olympian City 1:

We began conducting a feasibility study on the installation of a smart hybrid conversion system for solar energy at Olympian City 1 in 2020, with a rated power of 86.22 kW.

8

More than 360 EV Charging Stations:

The Group strongly supports the use of electric vehicles ("EVs"). We have installed more than 360 EV charging stations in more than 50 car parks of the Group.

9

The Group has set a target to reduce its GHG emissions by 30% by 2030, based on its 2012 baseline. As of 30 June 2020, a reduction of 17.7% had been achieved, equivalent to 633,720 trees planted.

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		The Group has committed to achieve a GHG emission reduction of 30% from our 2012 baseline (covering the common areas of 51 properties under our management) by 2030.
2		By 2030, achieve a renewable energy generation of 8,000,000 kWh from the 2012 level.

Part 4 Renewable Energy 第四部分 可再生能源

4.1 Feed-in Tariff (FiT) Scheme 上網電價計劃

Has your company joined the FiT Scheme? 是否已參與上網電價計劃?	<input checked="" type="radio"/> Yes – please fill in the blanks below (是 – 請填寫以下空格) <input type="radio"/> No (否)	
Renewable Technology 可再生能源技術	<input checked="" type="radio"/> Solar 太陽能 (700 _____ kW 千瓦) <input type="radio"/> Wind 風能 (_____ kW 千瓦) <input type="radio"/> Others (Please Specify) 其他(請註明) _____ (_____ kW 千瓦)	

4.2 Renewable Energy (RE) Certificate 可再生能源證書

Has/Have RE Certificate(s) been purchased? 有否購買可再生能源證書?	<input type="radio"/> Yes – please fill in the blanks below (是 – 請填寫以下空格) <input checked="" type="radio"/> No (否)	
Purchased from 購自?	<input type="radio"/> The Hongkong Electric Co., Ltd 香港電燈有限公司	<input type="radio"/> CLP Power Hong Kong Ltd 中華電力有限公司
Amount of Electricity Purchased 購買的電量	_____ kWh(千瓦時)	_____ kWh(千瓦時)

Part 5 Verification information 第五部分 核證

Has verification Note 2 been conducted? 是否曾經進行核證? 備註 2	<input type="radio"/> Yes – please fill in the blanks below (是 – 請填寫以下空格) <input checked="" type="radio"/> No (否)	
Verification body 核證機構:	_____	
Verification standard:	<input type="checkbox"/> International Organization for Standardization (ISO) 14064-3:2006 - Greenhouse gases - Part 3: Specification with	

核證標準:	<input type="checkbox"/> guidance for the validation and verification of greenhouse gas assertions 國際標準化組織 (ISO) 14064-3:2006 – 溫室氣體 - 第3部分：溫室氣體確定的證實和驗證的規範與指南
	<input type="checkbox"/> Others, please specify: (其他，請說明:) <input type="text"/>
Date of verification: 核證日期:	<input type="text"/>
Remarks (e.g. various verification status for different subsidiaries): 備註(例如: 各附屬公司的核證情況):	<input type="text"/>