



## The Group participates in developing Hong Kong's first privately funded landfill solar farm

### 集團參與全港首個於堆填區私人發展的太陽能發電場



Officiating at the groundbreaking ceremony are (from right) Christopher Kwok, Group Executive Director; Tse Chin-wan, Secretary for Environment and Ecology; Laurent Pelletier, Chief Executive Officer of Veolia Hong Kong and Macau; and Kwok Ka-wa, Vice President of CITIC Pacific  
(右起) 集團執行董事郭基泓、環境及生態局局長謝展寰、威立雅香港及澳門行政總裁鮑智雅，及中信泰富副總裁郭家驊為「動土儀式」的主禮嘉賓

Sun Hung Kai Properties (SHKP), Veolia and CITIC Pacific held a groundbreaking ceremony for Hong Kong's first privately funded solar farm on a landfill, a significant milestone in the group's support of the HKSAR Government's Climate Action Plan 2050.

Located on a slope in the South East New Territories Landfill in Tseung Kwan O, the solar farm will be operated by Green Valley Landfill Limited (GVL) – a joint venture among Veolia, SHKP and CITIC Pacific. Annually, the solar farm is expected to generate 1.2 million kWh of green electricity, enough to power approximately 360 households\*. By replacing conventional fuel sources with renewable energy, it aims to reduce carbon emissions by around 468 tonnes a year, equivalent to the carbon dioxide (CO<sub>2</sub>) absorption of about 20,000 trees. The project is targeted to start generating green electricity in the first half of 2025.

SHKP Executive Director Christopher Kwok expressed gratitude to the Environment and Ecology Bureau and the Environmental

Protection Department for their strong support, which he credited as pivotal to the successful implementation of the project.

He said, "SHKP has been a strong advocate of solar energy, actively promoting the installation of solar panel systems across our owned and managed sites, resulting in the largest solar power network in the city. We are excited to see the solar farm nearing fruition."

Kwok highlighted that SHKP would not only provide civil and construction works for the project but also arrange for its subsidiary SUNeVision, Hong Kong's largest data centre operator, to acquire CLP Power's Renewable Energy Certificates 100% linked to the solar power generated by GVL. This collaboration between the Group's companies would create a closed-loop ESG model for the supply of green electricity.

Developing the solar farm project on the landfill involved several technological and project execution breakthroughs, including special civil engineering design to ensure slope stability and wind load protection. The Group will leverage its expertise to manage the civil and construction works, ensuring the smooth implementation of the project.

Looking ahead, the Group is prepared to develop more large-scale solar farms on sites such as land under planning and landfills, confident that the private sector can play a crucial role in harnessing solar energy for a sustainable future.

新地、威立雅及中信泰富早前為本港首個由私人發展、建在堆填區地面的太陽能發電場舉行動土儀式，以行動支持特區政府的《氣候行動藍圖2050》。

太陽能發電場坐落於將軍澳新界東南堆填區的斜坡上，由威立雅、新地及中信泰富合組的聯營公司—翠谷工程有限公司負責營運，預計每年可產生1,200,000度(kWh)電力，足以滿足約360戶家庭一年的用電需要\*。此發電場以太陽能取代化石燃料發電，令碳排放每年減少約468噸，大概相當於20,000棵樹的二氧化碳吸收量。項目預計於2025年上半年開始供電。

集團執行董事郭基泓特別感謝環境及生態局與環境保護署對計劃的大力支持，令項目得以成功落實。

他表示：「新鴻基地產致力倡導太陽能發展，積極推動在我們持有或管理的物業安裝太陽能發電系統，並發展成全港最大的太陽能發電網絡。我們很高興這個太陽能發電場很快便會落成。」



At the ceremony, Helen Lo (left), Commercial Director of SUNeVision, receives a CLP Renewable Energy Certificate from Lena Low (right), Senior Director of Customer Success & Experience of CLP Power, and Carl Lai (middle), Project Manager of GVL  
典禮上，新意網商務總監羅羿(左)從中華電力客戶成功及體驗高級總監劉麗娜(右)及翠谷工程項目經理黎嘉興(中)手上接過中電「可再生能源證書」

他指新地除了負責這個項目的土木和建築工程部分，集團旗下全港最大的數據中心服務商新意網，亦將認購與這個太陽能發電場百分百掛鈎的中電「可再生能源證書」。此安排促成旗下公司使用由集團合資聯營的太陽能發電場所生產的綠色電力，從而發展出「內循環的ESG模式」。

在堆填區安裝太陽能板，需要克服多項技術和施工上的挑戰，其土木工程設計經過精心規劃，以強化斜坡穩定性和防風荷載保護。集團在負責一系列土建及結構承托工程時，將繼續利用其企業專長，令工程得以順利完成。

展望未來，集團期望在規劃中的土地或堆填區等用地，發展更多大規模的太陽能發電場，並堅信私營機構在推動太陽能發展方面可作更大的貢獻，實現可持續未來。



\*According to the Electrical and Mechanical Services Department, the average electricity consumption per household per month in Hong Kong is about 275 kWh

\*根據機電工程署資料，以香港每戶家庭每月平均用電量約275度電推算





# Hong Kong's most extensive solar panel network

## 全港最大太陽能發電網絡

**S**HKP has been a strong advocate of solar energy since the Feed-in-Tariff Scheme's introduction in 2018. It has been actively driving the installation of solar panel systems across the sites it owns or manages. As of mid-2024, over 16,500 solar panels had been installed at 64 sites managed by the Group, making the largest solar panel network in Hong Kong.

These panels, located in residential developments, offices, shopping malls, industrial buildings and construction sites, generate nearly seven million kWh of electricity annually — enough to power 2,100 households. This effort also reduces carbon emissions by 3,200 tonnes each year, equivalent to the CO<sub>2</sub> absorbed by 140,000 trees. Notably, the Group installed over 1,400 solar panels at the construction sites for the Sai Sha mega project, a first in the industry.

Additionally, the Group's property management companies, Kai Shing and Hong Yip, use online monitoring systems to track the performance of the solar panel systems real-time, enabling swift interventions and increased efficiency.

**新**地積極響應自2018年推出的「上網電價計劃」，截至2024年中，集團已經在64個其擁有或管理的物業，設置超過16,500塊太陽能板，成為全港最大的太陽能發電網絡。

這些太陽能發電系統遍布住宅、寫字樓、商場、工廈及建築工地，每年可生產約700萬度電，足以為2,100戶家庭提供所需的電力，以及每年減少碳排放約3,200公噸，相當於140,000棵樹一年的二氧化碳吸收量。值得一提的是，集團於西沙的全新大型綜合項目配備逾1,400多塊太陽能板，成為香港首個在臨時工地搭建的太陽能發電系統。

此外，集團旗下物業管理公司啟勝及康業設有實時監測系統，全方位評估太陽能光伏板的運作表現，並因應不同情況迅速作出調節，以提升效率。



Group Executive Director Christopher Kwok expects the number of solar panels on sites managed by the Group to exceed 20,000 by the end of 2025  
集團執行董事郭基泓預計到2025年底，旗下管理物業設置的太陽能板將超過20,000塊