



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

集团参与全港首个于堆填区私人发展的太阳能发电场



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) 集团执行董事郭基泓、环境及生态局局长谢展寰、威立雅香港及澳门行政总裁鲍智雅，及中信泰富副总裁郭家骅为“动土仪式”的主礼嘉宾

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 (CO₂) 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、威立雅及中信泰富日前为香港首个由私人发展、建在堆填区地面的太阳能发电场举行动土仪式，以行动支持特区政府的《气候行动蓝图2050》。

太阳能发电场坐落于将军澳新界东南堆填区的斜坡上，由威立雅、新地及中信泰富合组的联营公司—翠谷工程有限公司负责营运，预计每年可产生1,200,000度(kWh)电力，足以满足约360户家庭一年的用电需要*。此发电场以太阳能取代化石燃料发电，令碳排放每年减少约468吨，大概相当于20,000棵树的二氧化碳吸收量。项目预计于2025年上半年开始供电。

集团执行董事郭基泓特别感谢环境及生态局与环境保护署对计划的大力支持，令项目得以成功落实。

他表示：“新鸿基地产致力倡导太阳能发展，积极推动在我们持有或管理的物业安装太阳能发电系统，并发展成全港最大的太阳能发电网络。我们很高兴这个太阳能发电场很快便会落成。”



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. On the occasion, SUNeVision General Manager Luo Yi (left) from CLP Power's successful customer experience and senior manager Liu Lina (right) and GVL project manager Li Jiaxing (middle) hand over the CLP Renewable Energy Certificate.

他指新地除了负责这个项目的土木和建筑工程部分，集团旗下全港最大的数据中心服务商新意网，也将认购与这个太阳能发电场百分百挂钩的中电“可再生能源证书”。此安排促成旗下公司使用由集团合资联营的太阳能发电场所生产的绿色电力，从而发展出“内循环的ESG模式”。

在堆填区安装太阳能板，需要克服多项技术和施工上的挑战，其土木工程设计经过精心规划，以强化斜坡稳定性和防风荷载保护。集团在负责一系列土建及结构承托工程时，将继续利用其企业专长，令工程得以顺利完成。

展望未来，集团期望在规划中的土地或堆填区等用地，发展更多大规模的太阳能发电场，并坚信私营机构在推动太阳能发展方面可作更大的贡献，实现可持续未来。



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

*根据机电工程署资料，以香港每户家庭每月平均用电量约275度电推算



Hong Kong's most extensive solar panel network 全港最大太阳能发电网络

SHKP 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 CO₂ 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.

新地积极响应自2018年推出的“上网电价计划”，截至2024年中，集团已经在64个其拥有或管理的物业，设置超过16,500块太阳能板，成为全港最大的太阳能发电网络。

这些太阳能发电系统遍布住宅、办公楼、商场、工厦及建筑工地，每年可生产约700万度电，足以为2,100户家庭提供所需的电力，以及每年减少碳排放约3,200公吨，相当于140,000棵树一年的二氧化碳吸收量。值得一提的是，集团于西沙的全新大型综合项目配备逾1,400多块太阳能板，成为香港首个在临时工地搭建的太阳能发电系统。

此外，集团旗下物业管理公司启胜及康业设有实时监测系统，全方位评估太阳能光伏板的运作表现，并因应不同情况迅速做出调节，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
集团执行董事郭基泓预计到2025年底，旗下管理物业设置的太阳能板将超过20,000块