



Solar Farm at Tseung Kwan O Landfill commences operation 将军澳堆填区太阳能发电场正式启用



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Officiating at the solar farm's opening ceremony are (from left) Veolia Chief Executive Officer of Hong Kong and Macau Laurent Pelletier, Veolia Chief Executive Officer of Asia Pacific Zone Gavin Graveson, Director of Environmental Protection Samuel Chui, Secretary for Environment and Ecology Tse Chin-wan, SHKP Executive Director Christopher Kwok, SHKP Executive Director Allen Fung, and CITIC Pacific Vice President Kwok Ka-wa (左起) 威立雅香港与澳门行政总裁鲍智雅、威立雅亚太区行政总裁葛文盛、环境保护署署长徐浩光、环境及生态局局长谢展寰、新地执行董事郭基泓、新地执行董事冯玉麟，以及中信泰富副总裁郭家骅主持发电场的启用仪式

Tseung Kwan O South East New Territories Landfill Solar Farm, jointly developed by SHKP, Veolia and CITIC Pacific, has commenced operation. It is Hong Kong's first solar farm on a landfill that participates in the Feed-in Tariff Scheme and the largest of its kind in the city. The project marks a significant milestone in Hong Kong's renewable energy development and contributes to achieving the nation's carbon neutrality target by 2060 and Hong Kong's target by 2050.

Annual carbon emission reduction equivalent to 20,000 trees

Built on a restored landfill, the solar farm spans approximately 140,000 square feet and features about 1,850 solar panels. The project generates approximately 1.2 million kWh of green electricity annually - enough to power about 360 households yearly and offset around 530,000 kilograms of carbon emissions, which is equivalent to planting approximately 20,000 trees. The project now features three green functions: construction waste processing, landfill gas production and utilization, and solar power generation, maximizing land use efficiency.



In a video address at the opening ceremony of the solar farm held recently, Chief Executive of the Hong Kong SAR John Lee stated, “Tackling climate change through green energy development and safeguarding energy security cannot rest on the government alone. It requires the active participation from all sectors of society. The government is fully committed to creating the right conditions for sustainable development, encouraging market investment and enabling businesses to leverage their technological strengths to turn ideas into concrete projects.”

SHKP Executive Director Christopher Kwok said, “This project demonstrates the strong potential for developing solar energy on landfill sites and other undeveloped land. The restored area of this landfill covers 80 hectares, while the current project uses only about 140,000 square feet, less than 2%. Building on this pilot project’s success, we can better utilize the remaining landfill land. With further supportive measures from the government, the industry will respond proactively and work together to advance this development.”

Hong Kong’s largest solar power network

The Group has long been committed to promoting the adoption of solar energy. To date, SHKP has facilitated and managed 94 solar power systems, comprising nearly 27,000 solar panels. Including those installed by the Group’s principal associate, Kowloon Motor Bus, the total exceeds 57,000 panels, forming the largest solar power network in Hong Kong.

Furthermore, SUNeVision, an SHKP subsidiary and the largest data centre provider in Hong Kong, has purchased CLP Renewable Energy Certificates linked to the green electricity generated by the solar farm, forming a closed-loop ESG model within SHKP.





Primary school students learn about solar technology at a post-event workshop
小学生在开幕礼后的工作坊学习太阳能知识

由新地、威立雅及中信泰富合作发展的“将军澳新界东南堆填区太阳能发电场”已投入运作。该项目不仅是全港首个加入“上网电价计划”的堆填区太阳能发电场，规模更是本港同类型项目之冠，成为本港可再生能源发展的重要里程碑，并为实现国家及香港分别在2060年及2050年前实现碳中和目标注入动力。

每年减碳排等同种植二万棵樹

太阳能发电场建于已修复的堆填区上，占地约13,000平方米（14万平方呎），共设置约1,850块太阳能板。项目每年可生产约120万度绿色电力，足够供应约360户家庭使用，并可减少约53万公斤碳排放，减碳效果等同种植约20,000棵树木。项目令堆填区同步实现建筑废物处理、沼气生产及利用及太阳能发电三项绿色功能，充分体现地尽其用。

太阳能发电场的开幕典礼于早前举行，香港特区行政长官李家超通过视频致辞表示：“通过发展绿色能源应对气候变化以至确保能源安全，不能单靠政府的力量，更需要社会各界携手参与。政府会全力为可持续发展创造条件，同时推动市场投入资源，企业带来技术，合力把理念变成落地的工程。”

新地执行董事郭基泓表示：“本项目证明堆填区及尚未发展的土地均具备可观的太阳能发展潜力。以现址为例，发电场占地13,000平方米（14万平方呎），仅占已修复的80公顷土地不足2%。我们可借鉴此先导项目的成功经验，善用堆填区余下土地资源。若政府进一步提供鼓励措施，业界定必积极响应，携手推动相关发展。”

全港最大太阳能发电网络

新地多年来持续推动使用太阳能。至今，由新地促成及管理的太阳能发电系统达94个，合共安装近27,000块太阳能板；若连同主要联营公司九巴安装的太阳能板，总数更超过57,000块，构建全港最大规模的太阳能发电网络。

此外，新地旗下、全港最大的数据中心服务商新意网，已向中电认购与此发电场挂钩的“可再生能源证书”，建构集团独特的“内循环ESG模式”。