



## Solar Farm at Tseung Kwan O Landfill commences operation 將軍澳堆填區太陽能發電場正式啟用



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) 威立雅香港與澳門行政總裁鮑智雅、威立雅亞太區行政總裁葛文盛、環境保護署署長徐浩光、環境及生態局局長謝展寰、新地執行董事郭基泓、新地執行董事馮玉麟，以及中信泰富副總裁郭家驊主持發電場的啟用儀式

**T**seung 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  
小學生在開幕禮後的工作坊學習太陽能知識

由新地、威立雅及中信泰富合作發展的「將軍澳新界東南堆填區太陽能發電場」已投入運作。該項目不僅是全港首個加入「上網電價計劃」的堆填區太陽能發電場，規模更是本港同類型項目之冠，成為本港再生能源發展的重要里程碑，並為實現國家及香港分別在2060年及2050年前實現碳中和目標注入動力。

### 每年減碳排等同種植二萬棵樹

太陽能發電場建於已修復的堆填區上，佔地約14萬平方呎，共設置約1,850塊太陽能板。項目每年可生產約120萬度綠色電力，足夠供應約360戶家庭使用，並可減少約53萬公斤碳排放，減碳效果等同種植約20,000棵樹木。項目令堆填區同步實現建築廢物處理、沼氣生產及利用及太陽能發電三項綠色功能，充分體現地盡其用。

太陽能發電場的開幕典禮於早前舉行，香港特區行政長官李家超透過視像致辭表示：「通過發展綠色能源應對氣候變化以至確保能源安全，不能單靠政府的力量，更需要社會各界攜手參與。政府會全力為可持續發展創造條件，同時推動市場投入資源，企業帶來技術，合力把理念變成落地的工程。」

新地執行董事郭基泓表示：「本項目證明堆填區及尚未發展的土地均具備可觀的太陽能發展潛力。以現址為例，發電場佔地14萬平方呎，僅佔已修復的80公頃土地不足2%。我們可借鑒此先導項目的成功經驗，善用堆填區餘下土地資源。若政府進一步提供鼓勵措施，業界定必積極響應，攜手推動相關發展。」

### 全港最大太陽能發電網絡

新地多年來持續推動使用太陽能。至今，由新地促成及管理的太陽能發電系統達94個，合共安裝近27,000塊太陽能板；若連同主要聯營公司九巴安裝的太陽能板，總數更超過57,000塊，構建全港最大規模的太陽能發電網絡。

此外，新地旗下、全港最大的數據中心服務商新意網，亦已向中電認購與此發電場掛鈎的「可再生能源證書」，建構集團獨特的「內循環ESG模式」。