

A member of Envision Greenwise



晉揚國際(香港)有限公司
CHUN YANG INTERNATIONAL (HK) CO., LTD.

善用智慧能源 共創綠色未來 *Smart Energy & Green Future*



香港首間動力電池處理設施
Hong Kong's First EV Battery Processing Plant

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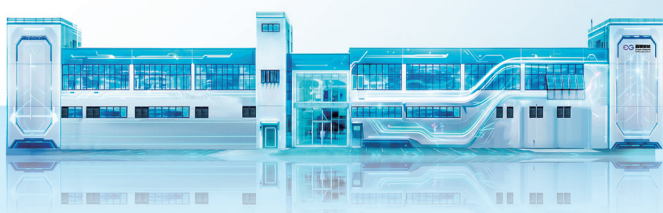
位於香港 **屯門環保園**

Hong Kong's First EV Battery Processing Plant

Located at **EcoPark, Tuen Mun**, HK

土地面積
Land area of

9,420 平方米
m²



香港持牌 — 全港首間涵蓋退役動力電池收集、拆解至黑粉再造的處理設施

Hong Kong's First Licensed EV Battery Processing Facility: From Collection and Dismantling to Black Mass Production

項目簡介

PROJECT INTRODUCTION

香港首間動力電池處理設施由晉揚國際（香港）有限公司建設及營運，專注於退役電動車電池等鋰電池的安全處理與資源回收。

設施有幸被納入《行政長官2025年施政報告》及《香港電動車普及化路線圖更新版》，成為推動新能源產業發展、構建新質生產力的關鍵驅動力。

Hong Kong's First EV Battery Processing Plant is developed and operated by Chun Yang International (HK) Company Limited, focusing on the safe disposal and resource recovery of retired EV batteries and other rechargeable lithium batteries.

The facility is honored to be included in The Chief Executive's 2025 Policy Address and Hong Kong Roadmap on Popularisation of Electric Vehicles (Updated Version), serving as a key driver in promoting the new energy industry and fostering new quality productive forces within the region.

設施開幕，標誌着本港在電動車電池回收及資源再生方面邁出關鍵一步，為綠色經濟注入新動力。

The opening of the facility represents a pivotal step in strengthening the city's capabilities in battery recycling and resource recovery, reinforcing its transition toward a green economy.

—香港特別行政區行政長官李家超先生，GBM，SBS，PDSM，PMSM 於設施開幕典禮致辭

Mr. John Lee Ka-chiu, GBM, SBS, PDSM, PMSM, Chief Executive of the Hong Kong Special Administrative Region, delivered a congratulatory video address at the Plant's opening ceremony

專業牌照 安全合規

Professional Licences Safe & Compliant



化學廢物處置牌照
Chemical Waste Disposal License



化學廢物收集與運輸牌照
Collect & Transport Chemical Waste License



鋰電池進出口許可證
Import and Export Licence for Lithium Batteries

項目發展歷程

Key Stages

歷時 13 個月完成整體建築
Full Building Erected in 13 Months

簽約

04.2024

簽訂環保園T2、T3地塊租約
Signed lease for Lots T2 & T3
at EcoPark



動土儀式

06.2024

動土儀式，項目正式啟動
Groundbreaking ceremony;
project launched



施工階段

09.2024

項目進入施工階段
Construction
phase commenced



10.2025

獲發佔用許可證 (OP)
Occupation Permit
(OP) obtained



高效推進，見證香港速度
Efficient Execution,
Delivering Hong Kong Speed

開幕典禮

07.2026

項目正式開幕
Opening Ceremony



生產線調試

01.2026

生產線搭建、調試及機電測試
Production line installation,
testing and commissioning



相關政策

Related Policy

《行政長官2025年施政報告》指出，政府正推動全港首間大型電動車電池回收設施，預計2026年上半年在環保園啟用。本地退役電池將轉化為再生黑粉供應內地和周邊地區，促進電動車電池回收產業發展。

“The Chief Executive’s 2025 Policy Address” states that: The Government is pushing forward the construction of Hong Kong’s first large-scale electric vehicle (EV) battery recycling facility at the EcoPark, which is expected to commence operation in the first half of 2026. The recycled black mass converted from locally retired batteries will be supplied to the Mainland and neighbouring regions, promoting the development of the EV battery recycling industry.



2026年2月，香港政府公布《香港電動車普及化路線圖更新版》。《路線圖》指出，有關回收設施不但有助促進電動車電池回收產業發展，提升香港在區域綠色產業鏈的角色，更為粵港澳大灣區環保產業的互利合作提供良好示範。

The Hong Kong Government announced the Updated Version of the Hong Kong Roadmap on Popularisation of Electric Vehicles on February 2026. The Roadmap mentioned that the recycling facility will not only promote the development of the EV battery recycling industry and strengthen Hong Kong’s role in the regional green industry chain but also serve as a good model for mutually beneficial co-operation in the environmental industry of the Guangdong-Hong Kong-Macao Greater Bay Area.

全港首條全自動智能鋰電池黑粉生產線

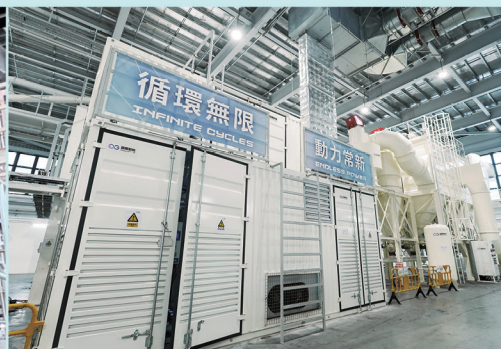
The First Automatic Production Line for Black Mass from Lithium Batteries in Hong Kong

智能生產線

INTELLIGENT PRODUCTION LINE

該產線採用德國專利技術，通過自動化設備與智能化系統，將鋰電池實現從退役到再生產的資源循環閉環。

Powered by patented German technology, the production line uses automated equipment and intelligent systems to create a closed-loop recycling lifecycle for lithium batteries, from retirement to remanufacturing.

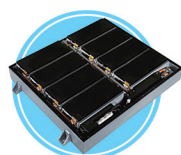


▲ 該產線獲「新型工業化資助計劃」支持
This production line is supported by the New Industrialisation Funding Scheme (NIFS)

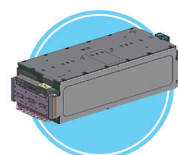
◀ 長逾60米，闊逾20米，高逾9米
Exceed (L) 60m x (W) 20m x (H) 9m

電動車電池循環利用路徑

ELECTRIC VEHICLE BATTERY RECYCLING PATHWAY



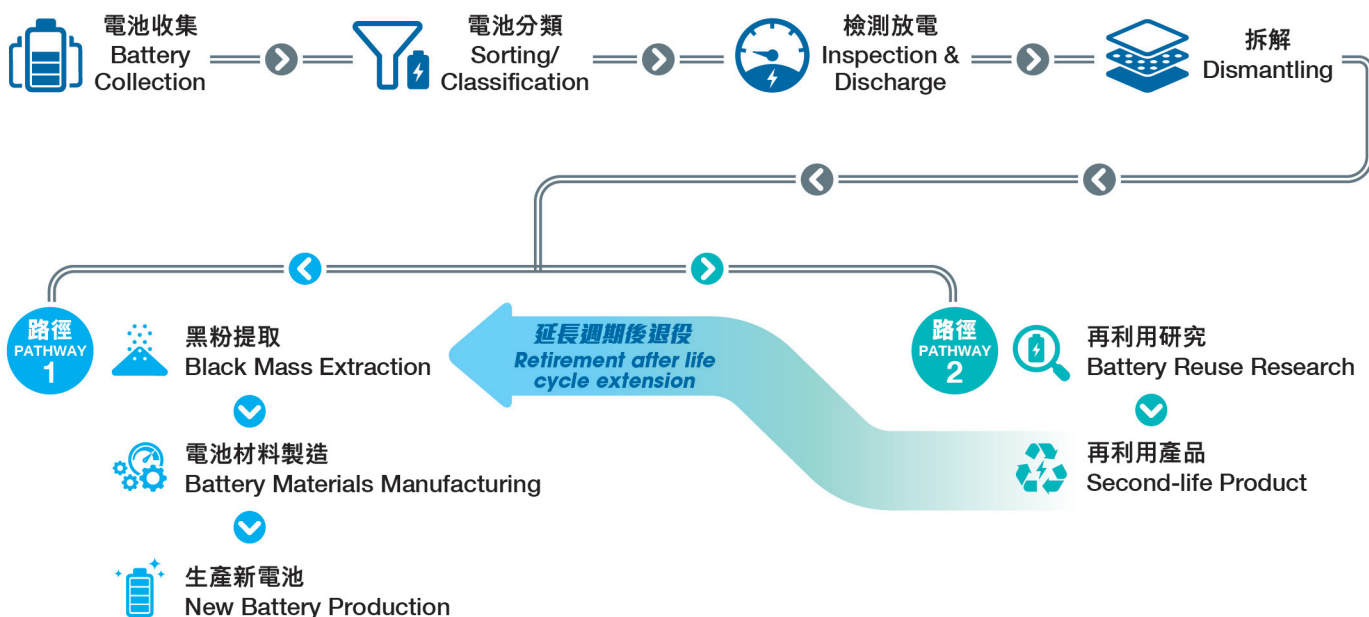
電池包
Pack



模組
Module



電芯
Cell



設施概覽

Facility Overview

項目 Item	內容 Details
廠址與規模 Location & Footprint	屯門龍門路133號環保園T2及T3地段，佔地約100,000平方呎 Lots T2 & T3, EcoPark, 133 Lung Mun Road, Tuen Mun (approx. 100,000 sq. ft.)
年處理產能 Annual Processing Capacity	初期可處理約10,000 公噸鋰離子電池（約20,000 至30,000 組電動車電池） Initial capacity of approx. 10,000 tonnes of lithium-ion batteries (~20,000 to 30,000 EV battery packs)
主要產出物料 Main Output Materials	黑粉、銅粒、鋁粒、外殼材料等 Black mass, copper and aluminum granules, casing materials, etc.
處理電池種類 Battery Chemistries Handled	三元鋰電池、磷酸鐵鋰電池等 NMC (Nickel Manganese Cobalt), LFP (Lithium Iron Phosphate), etc.
兼容電池封裝形態 Compatible Form Factors	方形蓄電池、軟包電池、柱狀電池、刀片電池等 Prismatic, Pouch, Cylindrical, Blade, etc.
適用回收來源 Applicable Feedstock Sources	電動私家車/商用車動力電池、數據中心UPS 備用電池、工商業電池儲能系統（BESS）及消費電子產品鋰電池（智能手機、筆記本電腦等） Electric private cars/commercial vehicle power batteries, data center UPS backup batteries, C&I Battery Energy Storage Systems (BESS), and consumer electronics lithium batteries (smartphones, laptops, etc.)
目標回收率 Target Recovery Rate	黑粉回收率目標高達98% Target black mass recovery rate up to 98%

電池黑粉

BLACK MASS

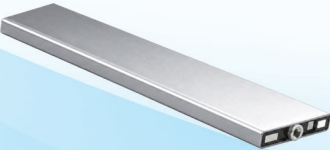
黑粉富含鋰、鈷、鎳、錳等價值金屬，可作為製造新電池材料的重要原料。

Black Mass contains valuable metals including lithium, cobalt, nickel and manganese, serving as an important feedstock for new battery materials.



可處理電池類型

APPLICABLE LITHIUM BATTERY TYPES



刀片電池
Blade Battery



軟包電池
Pouch Cell



方形蓄電池
Prismatic Cell



柱狀電池
Cylindrical Cell

設施使命

Facility Mission

以「**本地收集**、**本地處理**、**資源再生**」為核心，填補香港本地退役動力電池回收處置空白，並為香港及粵港澳大灣區提供安全、合規、可追溯的處理方案。

Built around **Local Collection**, **Local Processing** and **Resource Regeneration**, the facility strengthens Hong Kong's local recycling capability and supports a safe, compliant and traceable regional circular-economy system.



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