



中台資源科技

CHUNGTAI RESOURCE TECHNOLOGY CORP.

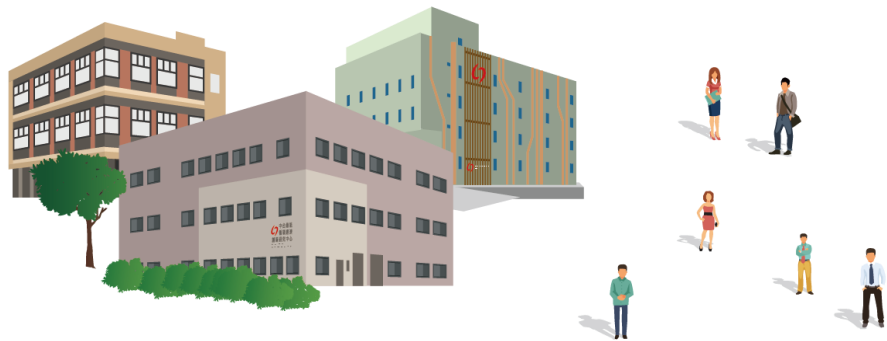
Investor Presentation – June 2026
(Stock Code: **6923**)

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簡報大綱

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Chung Tai

Mission | Circular Economy: Solution for Net-Zero Emissions

- Founded in 2001, Chung Tai Resource Technology Corp. upholds the philosophy of "Utilizing Resources for Public Welfare" and is committed to continuously innovating circular economy solutions focused on **raw material recovery**, **material reuse**, and **waste to energy**. We aspire to become the ideal partner in the green supply chain for industries.
- Our core operations include integrated incineration and power generation of industrial waste, mercury recovery from mercury-containing waste, pyrolysis of composite waste for precious metal recovery, copper recycling from waste printed circuit boards (PCBs), and environmental remediation projects. **We provide comprehensive resource recycling and treatment solutions.**



Web Site: <https://www.chinalab.com.tw/>

Our growth strategy is guided by the spirit of “innovating technology for economic value and cherishing resources for perpetual circulation.” We focus on strengthening our core competencies while fulfilling our threefold ESG commitments across environmental, economic (circular), and social (including human rights) dimensions:

– Properly managing waste to protect the natural environment / Promoting resource recycling to advance the circular economy / Creating corporate value to foster sustainable social development

We are committed to making a tangible contribution to the land and people of Taiwan through responsible and sustainable action.

- **Date of Establishment:** May 9, 2001
- **Chairman:** Mr. Cheng Kuang-Chieh
- **Paid-in Capital:** NT\$914.88 million
- **Registered Address:** Taoyuan City, Taiwan
- **Number of Employees:** 190
- **Listed on the Taiwan Stock Exchange (TWSE) in September 2024, stock code:** **6923**

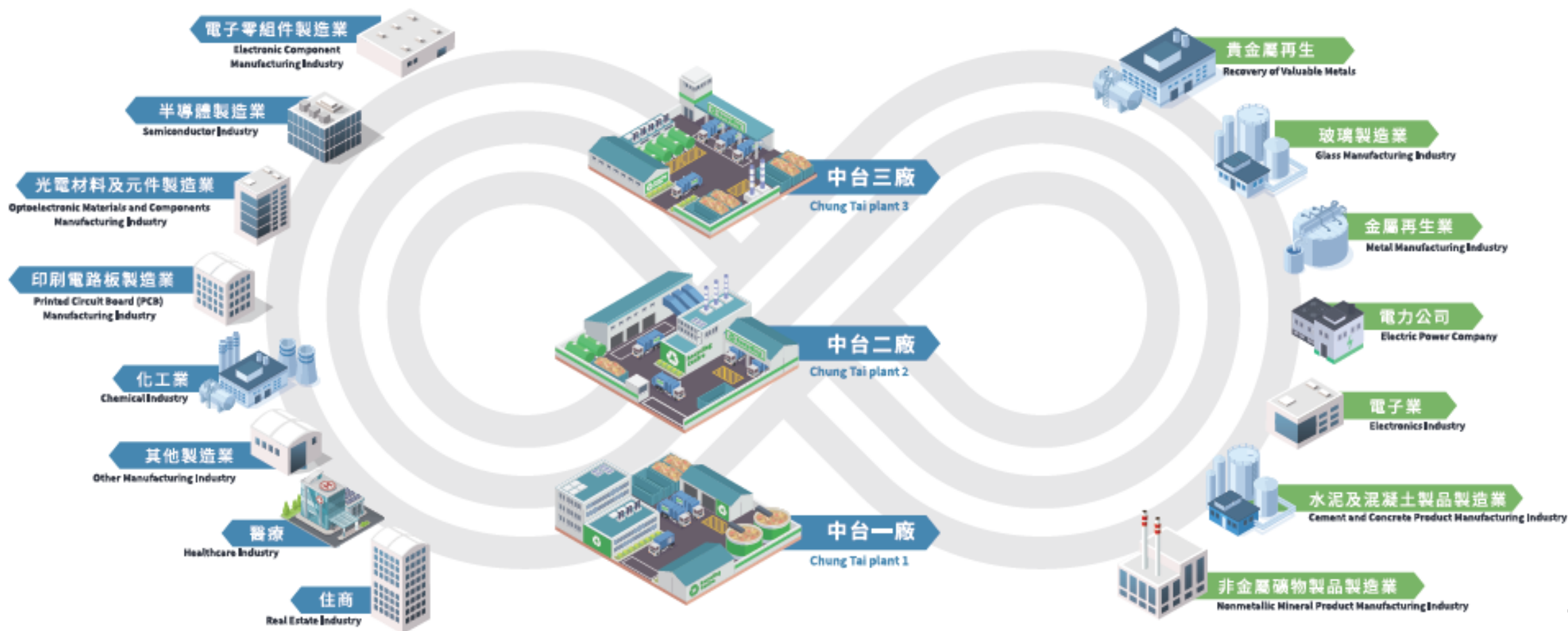


Integrated Resource Value Chain System



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We provide comprehensive recycling and treatment services for waste materials generated by the semiconductor, optoelectronics, PCB, chemical, medical, and residential/commercial sectors. These wastes are transformed into reusable resources and energy, which are then reintegrated into relevant industries to promote circular reuse, thereby creating social value for businesses.



Industrial Waste Incineration for Power Generation and Bottom Ash Reuse

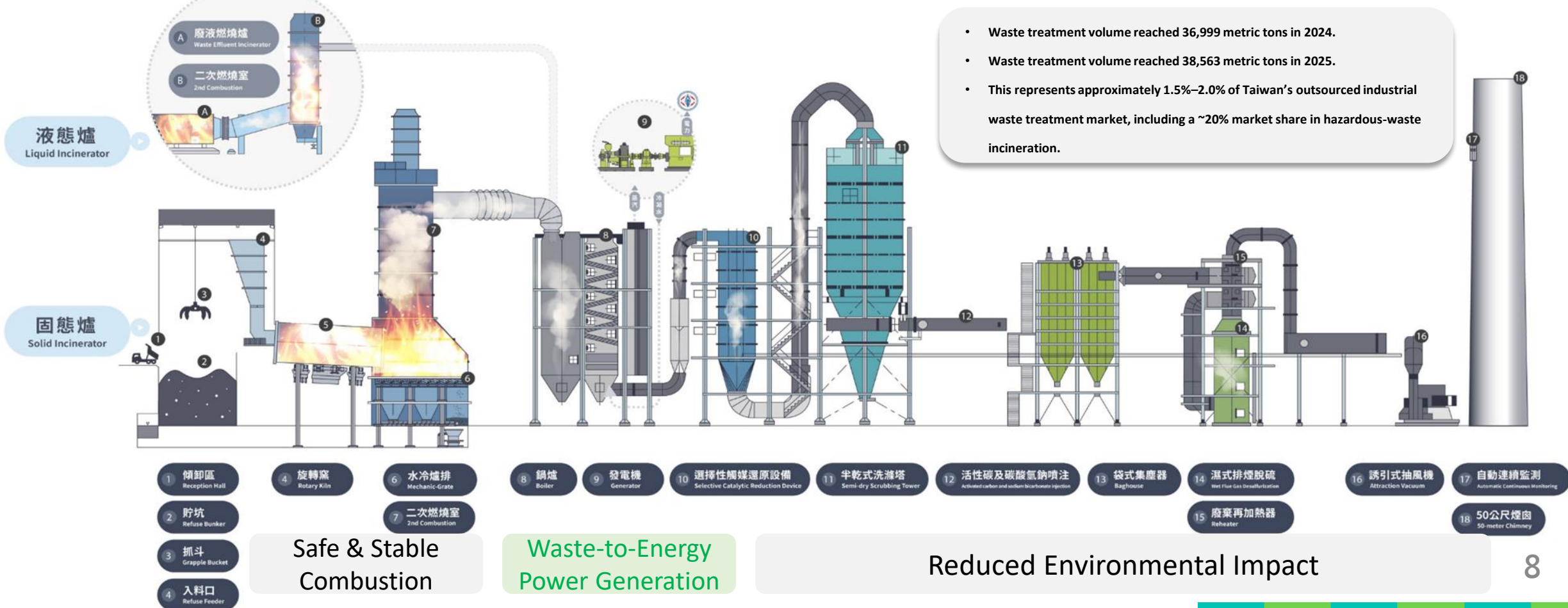
Chung Tai operates **Taiwan's only integrated treatment center** that combines industrial incineration with waste-to-energy, solidification, and chemical treatment technologies. Equipped with an advanced treatment system for high-sulfur and high-chlorine difficult-to-handle waste, Chung Tai is capable of **processing solid, liquid, and medical waste streams**. In response to the wide variety and complex characteristics of industrial waste, the Company is licensed to handle a total of **212 waste categories**. In terms of **energy recovery**, thermal energy from incineration is converted into electricity, with an output of approximately **4.5 MW—primarily for internal use, with surplus power sold to Tai-power**. For **resource recovery**, bottom ash is processed on-site and reused to produce **controlled low-strength materials (CLSM), recycled aggregates, and cement blocks**, contributing to circular economy practices.

Incineration Capacity:
3,780 metric tons/month

**Hazardous Waste
Solidification:** 500 metric
tons/month

**General Solidification
Treatment:** 1,500 metric
tons/month

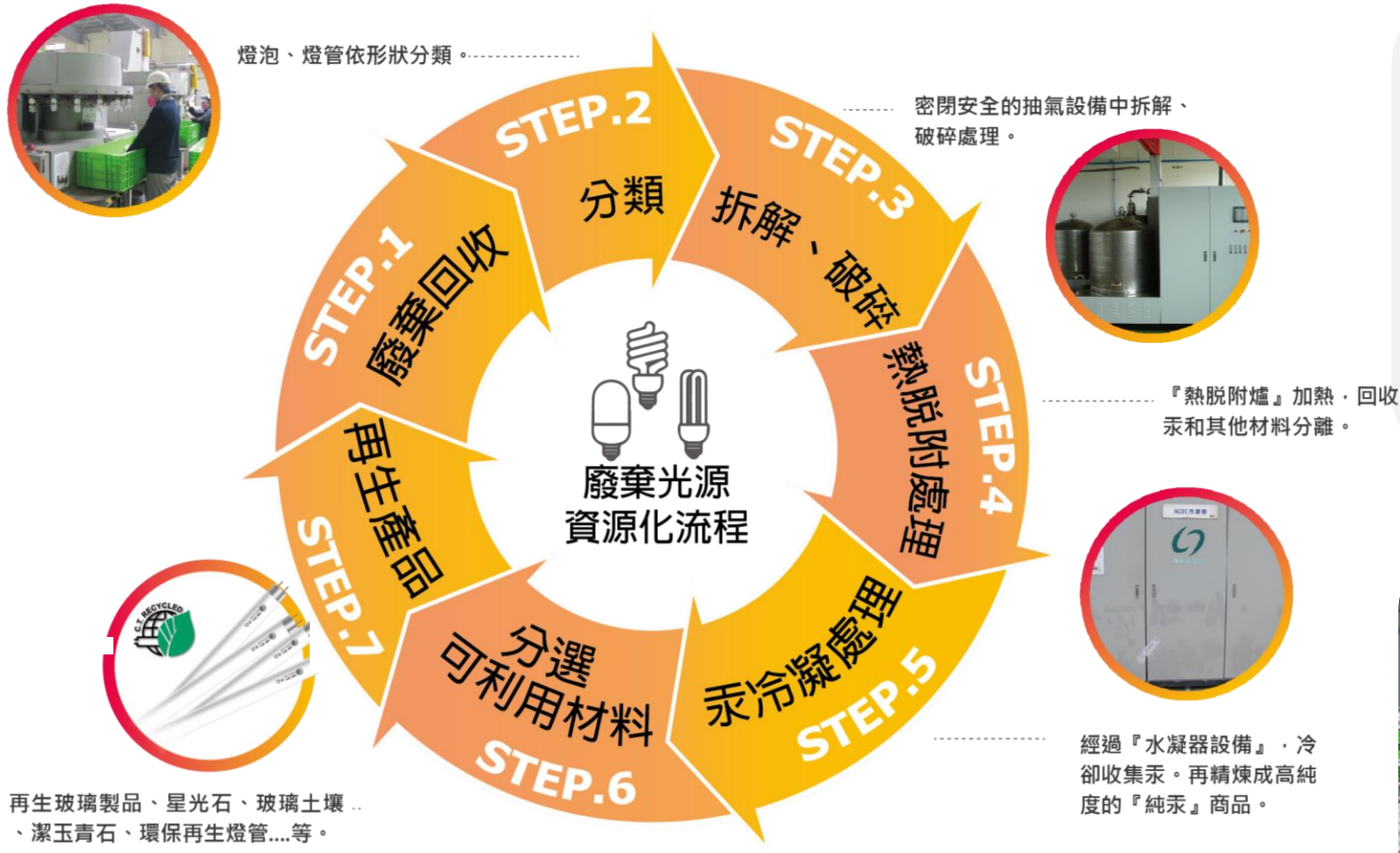
Chemical Treatment:
2,400 metric tons/month



Resource Recovery of Waste Lighting Sources and Mercury-Containing Waste



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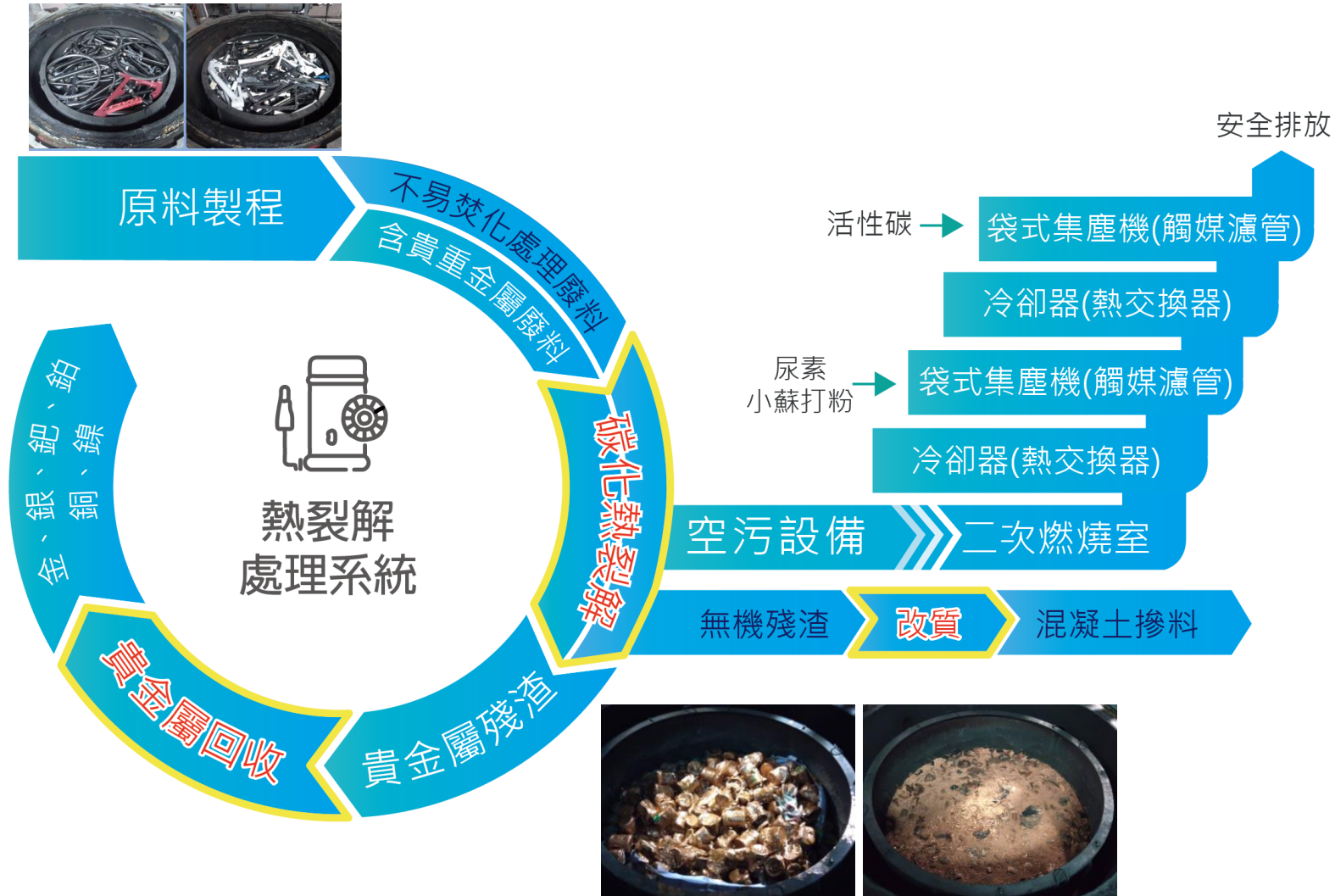
- Chung Tai operates **the largest waste lighting recycling facility in Taiwan**. We hold a **market share of over 99%** in the treatment of mercury-containing industrial waste.
- Our self-developed recovery and treatment equipment enables **mercury purification to reach 99.99% purity**, demonstrating **world-leading technology** in this field. **Approximately 60% market share in waste lighting tube recycling**.
- We are licensed to treat up to **612 metric tons of mercury-containing waste per month**.



Recycling of Precious Metal Composites



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- Using **vacuum-based oxygen-free pyrolysis technology**, we transform the physical structure of composite waste materials while preserving valuable inorganic resources such as **precious metals and carbon fibers**, facilitating subsequent purification and refinement processes.
- Our licensed treatment capacity is **500 metric tons per month**.



Resource Recovery of Waste PCBs



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- Chung Tai holds approximately **20% market share** in the treatment of waste printed circuit boards (PCBs).
- Using a combination of **dry and wet crushing** as well as **gravity separation via shaking tables**, we produce **high-purity copper powder** and **cement additive materials**, achieving **full-cycle recovery with zero waste**.
- Our licensed treatment capacity is **1,600 metric tons per month**.



廢印刷電路板
Waste PCBs



廢印刷電路板邊框
Waste PCB Frames



廢電子零組件
Waste Electronic Components



廢電話交換機及通信器材
Waste Telephone Exchange & Communication Equipment



廢印刷電路板粉料
Waste PCB Powder



廢印刷電路板碎料
Waste PCB Scraps



廢硬碟
Waste Hard Discs



混合五金廢料
Waste Mix Hardware

100+ Professional Technical Certifications

Corporate Licenses

Plant	Licenses
The Company	Environmental Engineering and Construction
	Class A Cleanup Permit
Plant I	Class A Waste Handling Permit
Plant II	Class A Waste Handling Permit
	Waste for Recycling for Fluorescent lamp
Plant III	Class A Waste Handling Permit



Plant I :

Environmental & Fire Safety Licenses

Licenses Type	No.		
	A	B	Others
廢棄物處理技術員	1	1	-
廢水處理專業技術人員	1	-	-
空氣污染防治專業技術人員	1	-	-
職業安全衛生管理員	-	1	-
甲種職業安全衛生業務主管	-	-	1
防火管理人	-	-	1
保安監督人	-	-	1

Plant II、III :

Environmental & Fire Safety Licenses

Licenses Type	No.		
	A	B	others
廢棄物處理技術員	11	3	-
毒化物專業技術管理人員	3	2	-
廢水處理專業技術人員	4	2	-
空氣污染防治專業技術人員	4	1	-
職業安全管理師	-	-	1
職業安全衛生管理員	-	-	3

OSH Certifications

Licenses Type	No.	Licenses Type	No.
特定化學物質作業主管	5	未滿三公噸固定式起重機操作人員	4
有機溶劑作業主管	6	乙炔熔接裝置作業操作人員	2
粉塵作業主管	3	重機械操作-挖掘機	1
缺氧作業主管	7	高空工作作業車訓練	2
堆高機操作人員	25	甲級鍋爐操作人員	4
急救人員	11	第一種壓力容器操作人員	5
高壓氣體特定設備操作人員	3	三公噸以上固定式起重機操作人員	14
高壓氣體容器操作人員	3	三公噸以上移動式起重機操作人員	1

■ Material and Product QC

貴金屬含量分析
(金銀鉑鉻銅鎳等)

元素分析
(硫、氯)

重金屬查驗
(TCLP)

抗壓/比重/粒徑試驗

分析實驗室

焚化處理 Incineration



- 1 閃火點
Flash Point
- 2 酸鹼值
pH Value
- 3 熱值
Heating Value
- 4 三成分
Three Components
- 5 含硫量
Content Sulphur
- 6 含氯量
Chlorosity

固化處理 Solidification



- 1 毒性溶出試驗
Toxicity Characteristic
Leaching Procedure
(TCLP)
- 2 抗壓強度
Compressive Strength

再生產品 Recycled Product



- 1 氯離子含量
Chloride Ion Content
- 2 毒物溶出試驗
Toxicity Dissolution Test
- 3 抗壓強度
Compressive Strength
- 4 再生粒料環境用途
溶出試驗
Dissolution of Recycled
Pellets for Environment
Use

化學處理 Chemical Treatment Methods

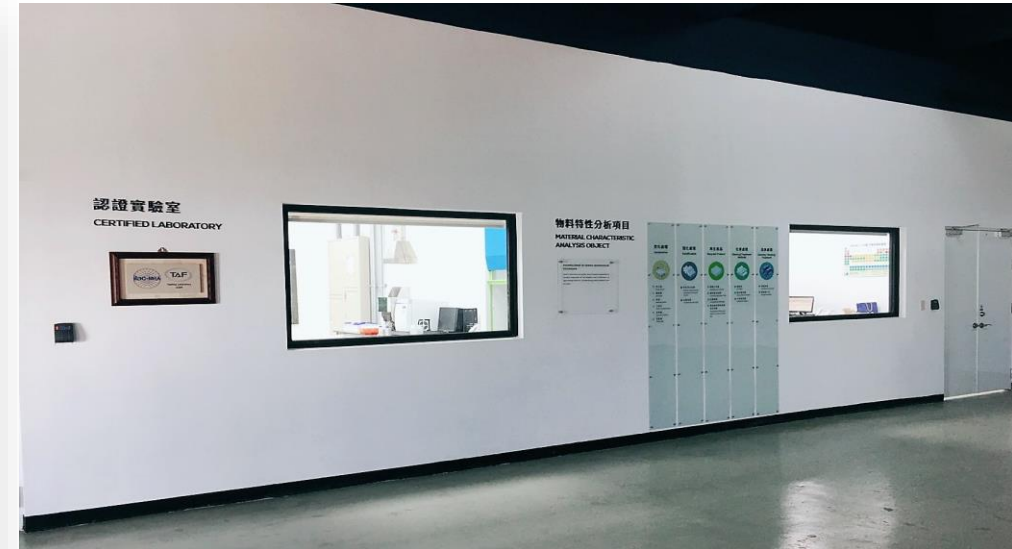


- 1 酸鹼值
pH Value
- 2 重金屬含量
Heavy Metal Content
- 3 化學需氧量
Chemical Oxygen

洗淨處理 Cleaning / Washing Treatment



- 1 容器檢視
Container Inspection
- 2 殘液量分析
Residue Analysis



■ Environmental Analysis

環境檢測分析
(廢水及廢棄物)

■ Health Management

健康管理分析
(尿液及頭髮汞含量)

Introducing **Four Key** Smart Technologies



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01

High-Specification Laboratory



資訊系統

辨識廢棄物組成成分，蒐集進料、配料、排放污染資訊，
做最適化處理

Central Control Room



CCTV/自動連續監測設備(CEMS)

控制焚化過程各個系統設備的操作狀況，與實驗室資訊相互
回饋

02

ERP-Based Material Management System

Integration of intelligent warehousing and barcode tracking with an ERP system enhances operational efficiency and inventory quality

03

Vehicle Tracking & Driving Assistance System

Monitors waste logistics in real-time, providing dashboard views and camera-based visual aids to prevent loss, misdelivery, or blind-spot-related accidents.

04

Industrial Waste Big Data Analytics

Analyzes the composition of various industrial wastes to optimize treatment formulas, support resource recovery, and enhance data-driven operations.

ISO-Certified HSE & Energy Systems, Trusted Quality

- The Company has integrated and established **ISO 45001 Occupational Health and Safety Management**, **ISO 14001 Environmental Management**, and **ISO 50001 Energy Management** systems.
- Accordingly, we have formulated the Occupational Safety, Environmental Protection, and Energy Management Policy to ensure effective implementation of these systems, while continuously communicating with stakeholders—including employees, customers, suppliers, and the general public.
- We are committed to achieving zero accidents, environmental sustainability, and energy conservation and carbon reduction.

Comply with Regulations and Fulfill Corporate Responsibility

Implement Risk Management to Achieve a Zero-Incident Workplace

Enhance Awareness and Ensure Full Employee Participation

Promote Environmental Education and Facilitate Effective Communication

Pursue Continuous Innovation to Foster an Eco-Friendly Environment

Committed to Energy Efficiency, Carbon Reduction, and Continuous Improvement

文件編號 Document number	ESH-M01	中台資源科技股份有限公司 CHUNG TAI RESOURCE TECHNOLOGY CORP.	制訂部門 Department	ESH
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文件名稱 Document Title			生效日期 Effective Date	2024.02.01

管理手冊

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程序書

42份

作業指導書

74份





Industry Overview

Supply Shortfall Supporting Long-Term Growth

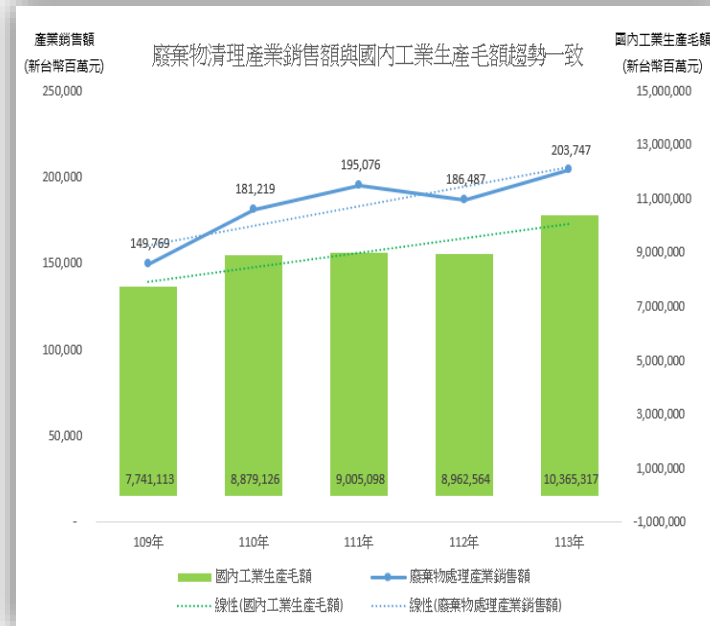
Strong Demand for Waste Treatment



In 2024, Taiwan generated nearly 2.2 million tons of general industrial waste, with the treatment rate reaching 79%, leaving roughly 500,000 tons in backlog awaiting processing.

Under tightening environmental regulations and increasing compliance demands, public and private treatment capacity remains insufficient, driving strong demand and firm pricing. The supply-demand imbalance has become more pronounced.

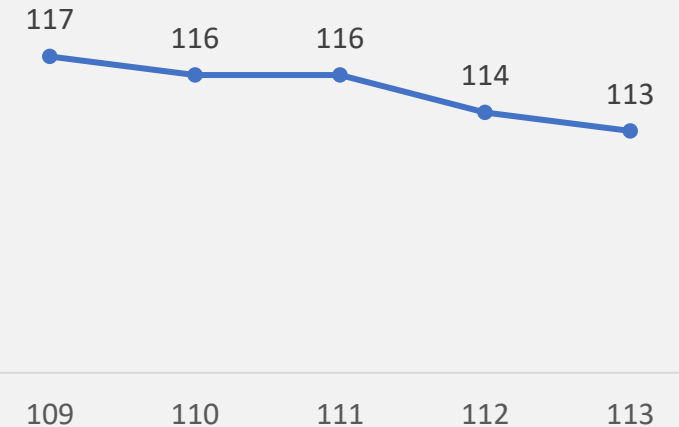
Waste Clearance Industry Scaling Up



The waste clearance industry reached a market size of NT\$20 billion in 2024, with a CAGR of 8% since 2020. Rising treatment costs and stricter environmental requirements continue to push industry expansion and increase revenue opportunities for compliant operators.

Source: Company data; MOF (Categories 38 & 39); MOEA industrial production statistics..

Class-A Plants: Hard to Build, Fewer in Operation



Source: Ministry of Environment, Annual Industrial Waste Reports.

In 2024, the number of Class-A treatment facilities nationwide declined amid growing waste volumes and increasingly stringent environmental standards. Higher entry barriers, long construction timelines, and scarce approved capacity limit new supply, reinforcing the supply shortage and supporting a stable, favorable market environment for licensed operators.

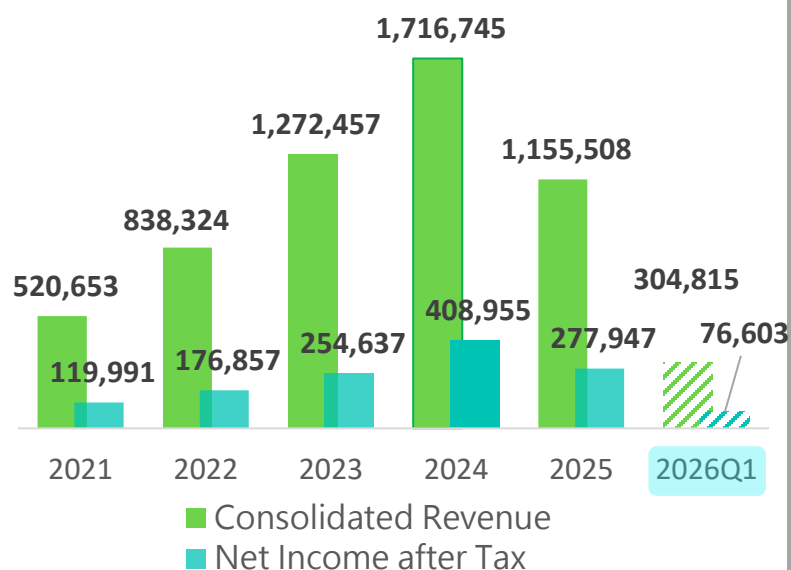


3 Recent Financial Performance

Profitability and Shareholder Returns Continue to Improve

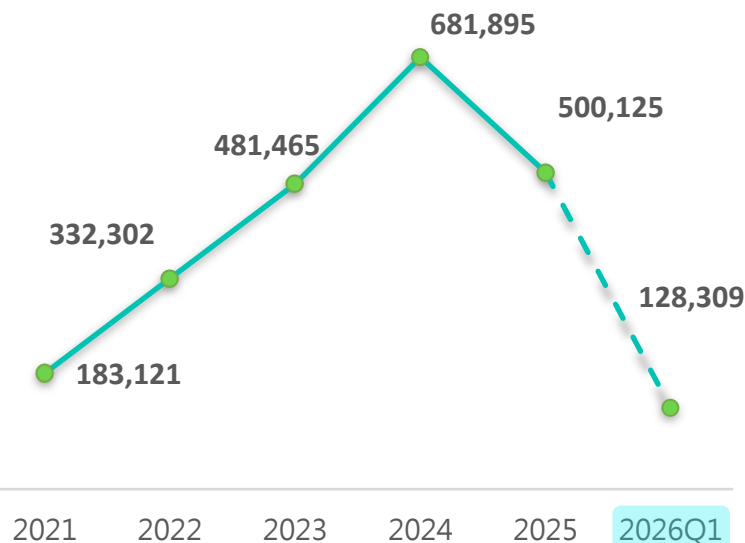
Consolidated Revenue and Profit

(NT\$ K)

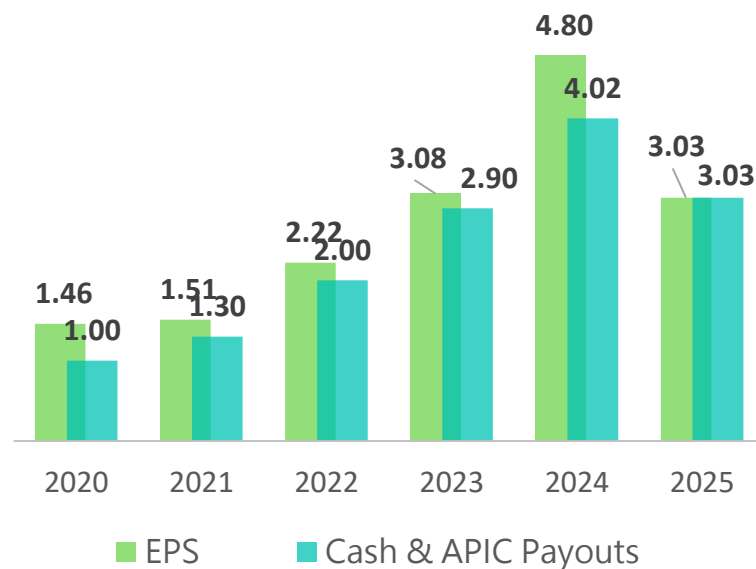


EBITDA

(NT\$ K)



EPS / Dividend Payout



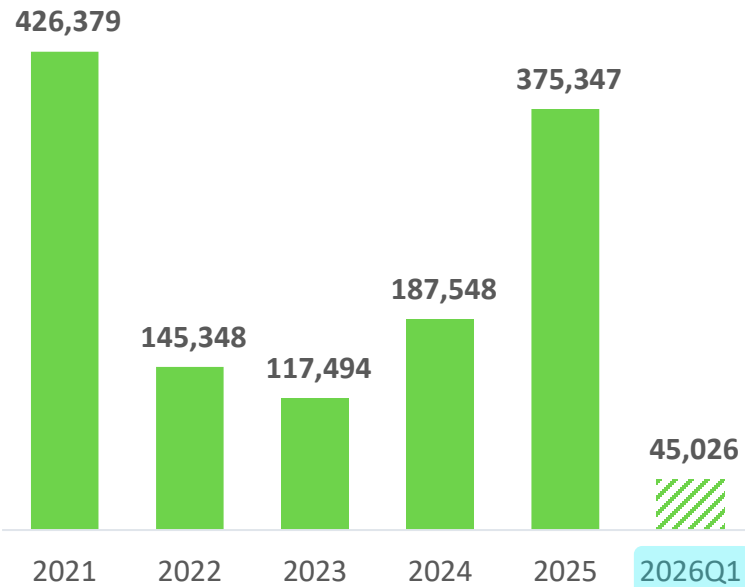
Optimized Capital Allocation & Continued Revenue Diversification



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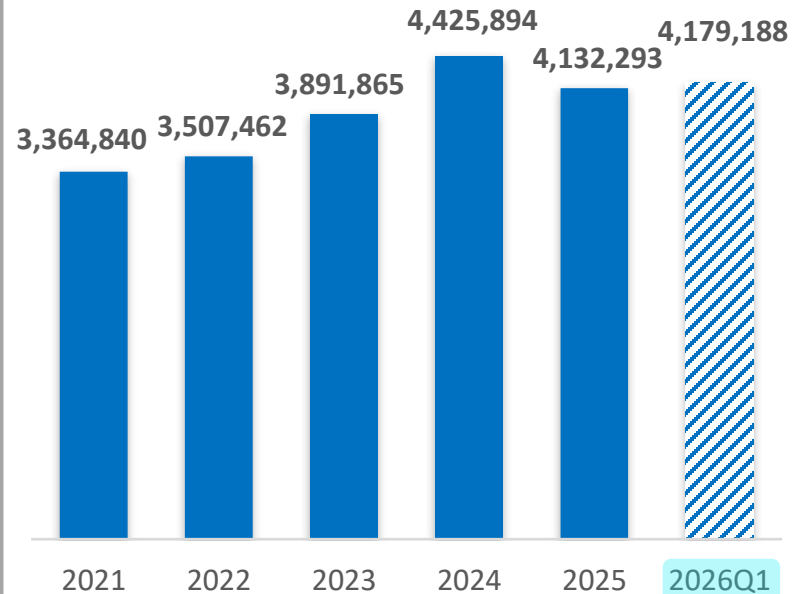
CapEx

(NT\$ K)

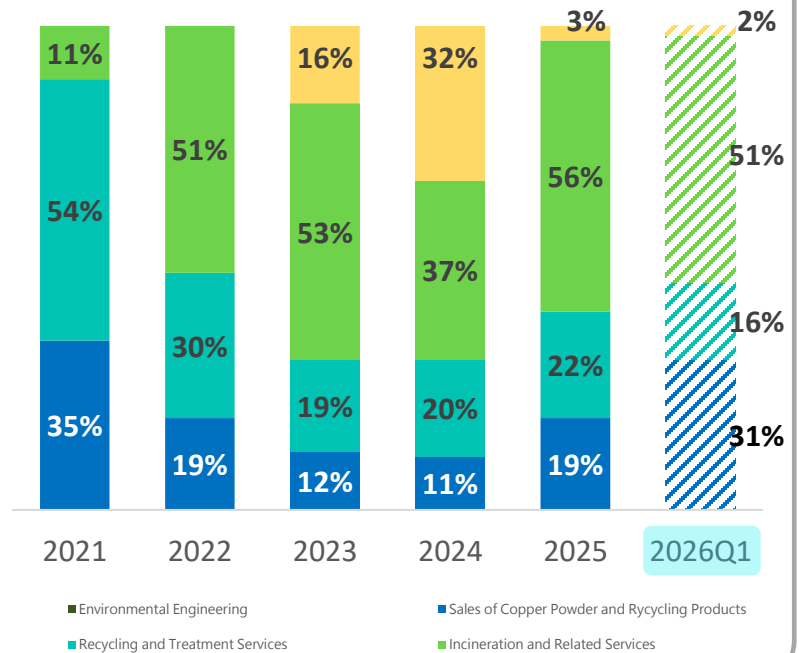


Total Consolidated Assets

(NT\$ K)

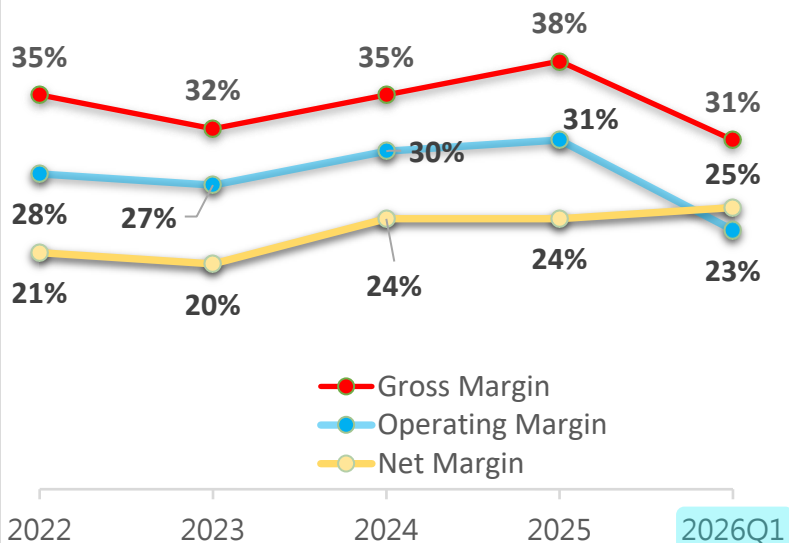


Revenue Contribution

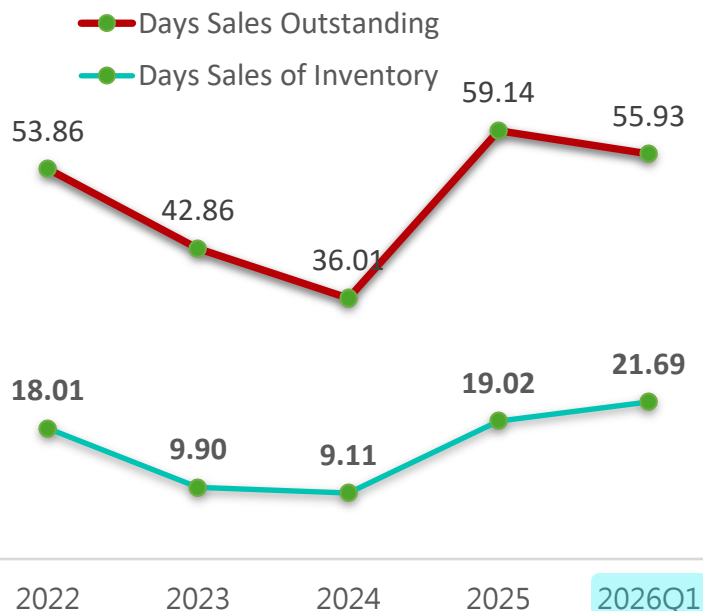


Strengthening profitability and cash generation drive growth in per-share value

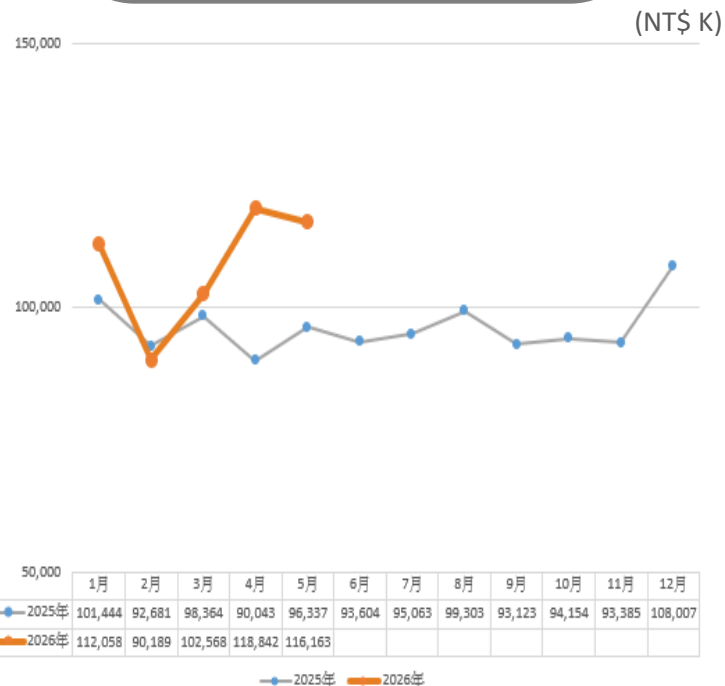
Key Profitability Ratios – Last 4 Years (Gross, Operating, Net)



DSO & DSI



Monthly Revenue Trend



2026

4 Investment Portfolio & Outlook





Chase Technology

- Provides an integrated “waste-management real-time platform” and “smart sustainability solutions,” covering energy management, waste tracking, carbon accounting, ESG reporting, and compliance automation.
- Enhances operational efficiency through digitalizing the full hazardous-waste workflow—from manifesting to regulatory reporting—creating differentiated competitiveness in sustainability services.



Da-Yuan

- Develops waste-to-energy technologies, including SRF fuel reuse and high-efficiency incineration (with power-generation efficiency exceeding 25%).
- Expands upstream-to-midstream capabilities in industrial waste treatment, strengthening the Company’s circular economy value chain.



KE JIOU CO. LTD.

Ke Jiou

- Distributes heated tobacco products and collaborates with global brands on used product take-back programs. Contract Successfully Executed in 2Q26.
- Develops integrated recycling models for heated-tobacco and bio-based waste, deepening downstream processing capabilities such as organic waste-to-biogas and biomass energy, forming a more complete recycling loop.

- Three-pillar layout forming a comprehensive circular sustainability ecosystem: from waste management to energy recovery and product take-back programs.
- Builds multi-service synergies, capturing opportunities in the expanding circular economy and sustainability markets to support long-term growth.

2026 Outlook | Steady Progress, Tech Deepening, Policy Tailwinds 中台 6923

Growth Potential of Asbestos Waste

In response to the severe damage caused by Typhoon Danas in the Chianan region, the government launched an asbestos-building-material cleanup program. The Company participated in back-end processing, driving additional business in 2025, estimated to contribute **approximately 3.5% of annual revenue**.

Looking ahead to 2026, the Company will continue strengthening its asbestos-waste treatment capabilities while **investing in resource-recovery technologies to upgrade the process from end-of-pipe disposal to circular material regeneration**, enhancing value creation and long-term competitiveness. **Approved after revision of the recycling trial plan review.**

With the increasing frequency of extreme weather events and strengthening policy measures, asbestos-related projects are expected to present further growth opportunities in 2026.



Chung Tai's Circular Economy Model for Asbestos Resource Recovery

High-Barrier Environmental Remediation Focus

The Company continues to develop mercury-contaminated soil remediation services, focusing on long-term, large-scale public projects with high technical barriers.

In 2026, Chung Tai will actively pursue major remediation contracts in line with government project timelines.

Leveraging its advanced technical capabilities and prior experience in large-scale remediation projects, the Company is well positioned to expand in both public and private engineering markets and strengthen its competitive advantage.



Map of Potential Environmental Remediation Sites

Asbestos treatment, environmental remediation, and metal-recycling businesses will continue to expand; Phase II capacity is expected to come online in the second half of 2028. Emerging technologies advance through deeper validation—laying the foundation for new business domains over the next three to five years.

Supported by strengthening policies and rising market demand, the Company expects to return to a stable growth trajectory in 2026, with multiple capacity and technology-driven profit-expansion cycles beginning in 2028 and beyond.

Plant 1 Phase II Progress

The Plant 1 Phase II facility is expected to obtain its occupancy permit in 2025.

Due to increasingly stringent environmental regulations and ongoing adjustments requested by regulators, revenue and profit contributions from the **40-ton/day solid-liquid co-incineration line** will be deferred from the original timeline.

An additional **NT\$300 million** in capital expenditures is planned, **with trial operations expected in the 2028.**

Following permit approval, the Company will focus on shortening both the construction and ramp-up periods by strengthening equipment testing, process optimization, and customer onboarding.

Plant 1 Phase II is positioned to become a key growth driver in 2028, enhancing long-term hazardous-waste treatment capacity and operational efficiency.

New Recycling Technologies & R&D

The Company continues to collaborate with industry, government, and research institutions to advance emerging waste-recycling technologies with long-term market potential, including:

- Flue-gas carbon capture technology development
- Pre-treatment and material recovery for spent lithium batteries
- Solar panel dismantling and material regeneration
- Treatment technologies for heated-tobacco devices and consumable.

These areas represent growth markets supported by national policy and the energy transition.

In 2026, the Company will continue validating technology maturity, with commercialization opportunities expected as these technologies scale, aligning with circular-resource trends and forming new profit-growth drivers.

Policy & Market Outlook Tailwinds and Challenges

The industry environment will be shaped by several key trends:

- **Resource Circulation Promotion Act**
- **Continued rise in global copper prices**
- **Expansion of Extended Producer Responsibility (EPR) programs**
- **Taiwan's 2050 net-zero and circular economy policies**



These trends present meaningful market opportunities for the Company. At the same time, Chung Tai continues to strengthen its technical capabilities and environmental standards to meet increasingly stringent regulatory requirements.

An aerial photograph of a river winding through a lush, green forest. The river is a light blue-grey color, contrasting with the vibrant green of the trees. The perspective is from directly above, showing the meandering path of the water.

5 Corporate Sustainability

Multiple-Year Grade-A Recognition by Taoyuan City



註：因嚴重特殊傳染性肺炎疫情關係，2021年桃園市政府暫停評鑑。

ESG as a Driver of Corporate Value and Market Confidence



Recognition for Sustainability:

Action Awarded the *2025 Taiwan Sustainability Action Award (TSAA)*—Gold Class—for the “SDG 12 Sustainable Circular Economy Project,” recognizing the Company’s achievements in circular economy development and resource value enhancement.



Leadership in the Circular Economy:

Recognized by the Taiwan Circular Economy Awards as an industry leader for innovative resource-recycling technologies and for advancing industrial sustainability solutions.



Community Engagement and Social Impact:

Donated a shuttle vehicle to a local school and continued long-term support for youth sports and community programs : community activities, and volunteer programs—the Company continues to expand its positive social impact.



Advancing Sustainability Education:

Completed the construction of an 800-ping environmental education center, offering hands-on programs covering waste reduction, energy transition, and resource recycling. As of June 2026, the Company hosted **906 education sessions**, with **15,446 participants**, strengthening corporate sustainability influence at the community level.



Corporate Governance as a Competitive Advantage:

Recognized by the Taiwan Institute of Directors as one of the *Top 100 Mid-Cap Companies for 2025*, and ranked 9th among the “Top 10 Growth Companies,” demonstrating the Company’s governance maturity and long-term competitiveness.



Excellence in Sustainability Reporting

Received the *2025 Taiwan Corporate Sustainability Awards (TCSA)*—Service Industry, Silver Class—setting a new benchmark for ESG transparency and disclosure quality.

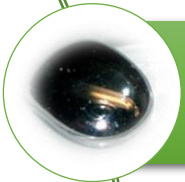
A Leadership Position That Cannot Be Replicated



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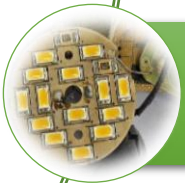
The Leading Private Waste-to-Energy Facility in Taiwan by Scale in Recent Years



Taiwan's Sole Licensed Mercury Waste Treatment Facility



#1 in Taiwan – 90% Market Share in Waste Fluorescent lamp Recycling



Taiwan's No.1 Full-Cycle PCB Recycling Provider



Taiwan's Leading Expert Team in Mercury Soil Remediation

Thank You – Questions Are Welcome



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替美麗的地球保留自然資源

We Create Treasure For Earth.



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CHUNG TAI RESOURCE TECHNOLOGY CORP.