



CBTech[®]

川寶科技股份有限公司
CHIME BALL TECHNOLOGY CO. LTD.

創新

Create

卓越

Best

科技

Technology

Investor Conference

Stock Symbol: 1595

Presented by : Wonder Chang, the CEO of CBT
Ray Lu, the President of BHT
November 9th, 2022

Disclaimer

This presentation, which included statements regarding its results of operations, financial conditions, and business prospects, are only based on the Company's estimates and expectations and are for reference only. Any business outlook or forward-looking statement hereof is subject to change after this date. Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events, or otherwise.

Outline

Operation Overview

Financial Overview

Future Outlook

Conglomerate Layout

Q&A

Group Members and Key Affiliated Enterprises

Chime Ball Technology Co., Ltd.

Flexible/Rigid PCB Exposure Units
Flexible PCB RTR Exposure Units
Flexible/Rigid PCB LDI/Solder Mask DI Exposure Units
Research and Development

Bao Hong Semi Tech Co., Ltd.

Wafer Manufacturing Units
Handling Systems in Wafer Fab
Key Parts Supplier

CBT International (SH) Co., Ltd.

International Trading Company for
Parts Sales
Maintenance
After-Sales Service

Bao Hua Technology Co., Ltd.

SEMI 2D/3D AOI
Automated Software Development

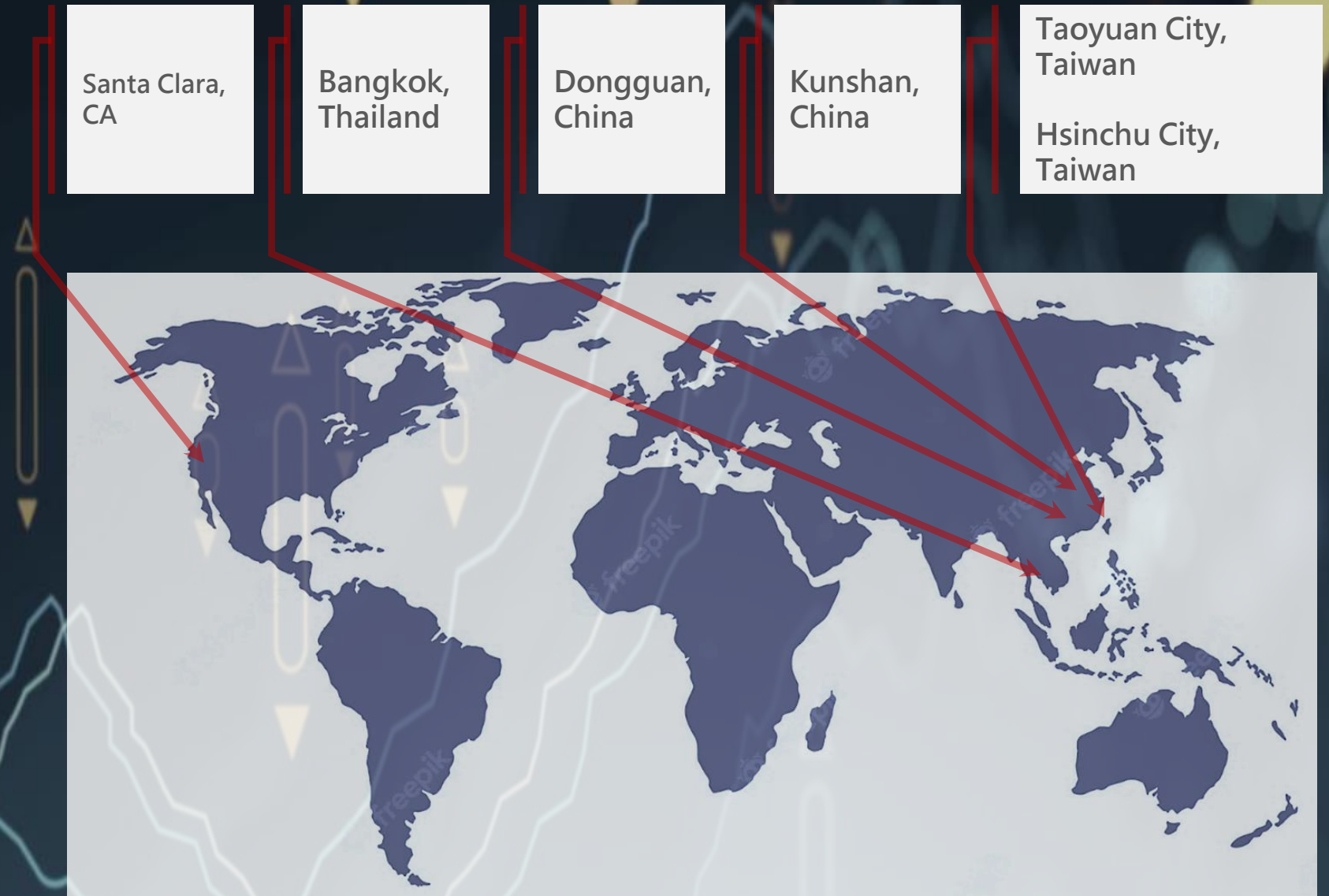
Pure Metallica Co., Ltd.

PEALD/ALE Thin Film/Etch Process Application
PEALD/ALE Thin Film/Etch Process Patent
Portfolio

Group Members' Locations

In order to meet the needs of the PCB/semiconductor industry, CBT group has established 5 service points with high-quality service and sales network around the world.

- ✓ *Taiwan*
- ✓ *China*
- ✓ *South Korea*
- ✓ *Thailand*
- ✓ *USA*

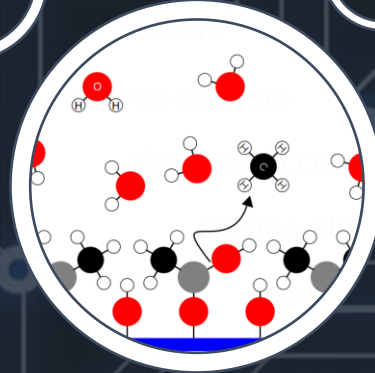


Diversified Product Line



Patent Portfolio

Exposure Units & Direct Imaging
Systems
63 Patents



PECVD (ALD) & ALE
25 Patents



Semi Fab Tools Automation, N2
EFEM (ATM), VTM Transfer Module
10 Patents

Business Units of CBT Group continue to dedicate to researching and developing new equipment, and are applying for various patents to protect our achievements and maintain competitiveness in the industries.



Operating Performance and Financial Statements

2018~2022 Q3 Consolidated Revenue, Gross Margin, Net Profit Margin, EPS and Dividend Yield

Unit: NT\$ thousand

| Account | 2018 | 2019 | 2020 | 2021 | 2022 Q3 |
|----------------------|-----------|-----------|-----------|-----------|-----------|
| Consolidated Revenue | 1,756,286 | 1,729,528 | 1,692,149 | 2,417,036 | 1,418,639 |
| Gross Margin | 30.31% | 25.91% | 21.83% | 25.09% | 25.13% |
| Net Profit Margin | 11.19% | 5.58% | 0.51% | 7.63% | 16.32% |
| EPS | 4.18 | 2.06 | 0.18 | 3.93 | 4.98 |
| Dividend Yield | 4.08% | 2.97% | 1.46% | 4.74% | - |
| BVPS | 51.6 | 50.78 | 49.69 | 53.4 | 56.81 |

Consolidated Income Statement for 2021 Q3 and 2022 Q3

| Account | 2022 Q3 | % | 2021 Q3 | % | YoY |
|--------------------------------------|-----------|------|-----------|------|--------|
| Operating Revenue | 1,418,639 | 100% | 1,750,739 | 100% | -19% |
| Gross Profit | 356,446 | 25% | 436,824 | 25% | -18% |
| Operating Expense | 278,527 | 20% | 253,590 | 14% | 10% |
| Net Operating Profit | 77,919 | 5% | 183,234 | 10% | -57% |
| Non-Operating Income and Expenditure | 231,230 | 16% | (20,210) | -1% | -1244% |
| Net Profit before Tax | 309,149 | 22% | 163,024 | 9% | 90% |
| Income Tax Expense | 77,625 | 5% | 36,024 | 2% | 115% |
| Profit after Tax | 231,524 | 16% | 127,000 | 7% | 82% |
| EPS | 4.98 | | 2.72 | | 83% |

Unit: NT\$ thousand

Consolidated Balance Sheet 2021 Q3 、2021 Q4 and 2022 Q3

| Account | 2021 Q3 | % | 2021 Q4 | % | 2022Q3 | % |
|-------------------------------|------------------|-------------|------------------|------------|------------------|-------------|
| Cash and Cash Equivalents | 931,092 | 20% | 1,019,832 | 22% | 1,415,595 | 28% |
| Receivable | 932,442 | 21% | 932,822 | 21% | 639,810 | 12% |
| Inventory | 1,116,996 | 25% | 1,118,223 | 25% | 1,496,776 | 29% |
| Other Current Assets | 347,579 | 8% | 302,379 | 7% | 419,482 | 8% |
| Property, Plant and Equipment | 686,611 | 15% | 644,660 | 14% | 748,907 | 14% |
| Intangible Assets | 388,864 | 9% | 379,860 | 8% | 353,441 | 7% |
| Other Non-Current Assets | 104,566 | 2% | 107,395 | 2% | 100,155 | 2% |
| Total Assets | 4,508,150 | 100% | 4,505,171 | 99% | 5,174,166 | 100% |
| Current Liabilities | 1,902,523 | 43% | 1,775,274 | 40% | 2,254,276 | 43% |
| Non-Current Liabilities | 146,701 | 3% | 208,488 | 5% | 249,541 | 5% |
| Total Liabilities | 2,049,224 | 46% | 1,983,762 | 45% | 2,503,817 | 48% |
| Common Stock | 471,481 | 10% | 471,481 | 10% | 469,261 | 9% |
| Additional Paid-In Capital | 552,126 | 12% | 553,718 | 12% | 555,669 | 11% |
| Retained Earnings | 1,448,891 | 32% | 1,506,186 | 33% | 1,640,532 | 32% |
| Other Equity | (7,667) | 0% | (3,323) | 0% | 424 | 0% |
| Treasury Stock | (10,480) | 0% | (10,480) | 0% | 0 | 0% |
| Non-Controlling Interest | 4,575 | 0% | 3,827 | 0% | 4,463 | 0% |
| Total Equities | 2,458,926 | 54% | 2,521,409 | 55% | 2,670,349 | 52% |

Unit: NT\$ thousand

Future Outlook (Operational Plan of Main BUs)

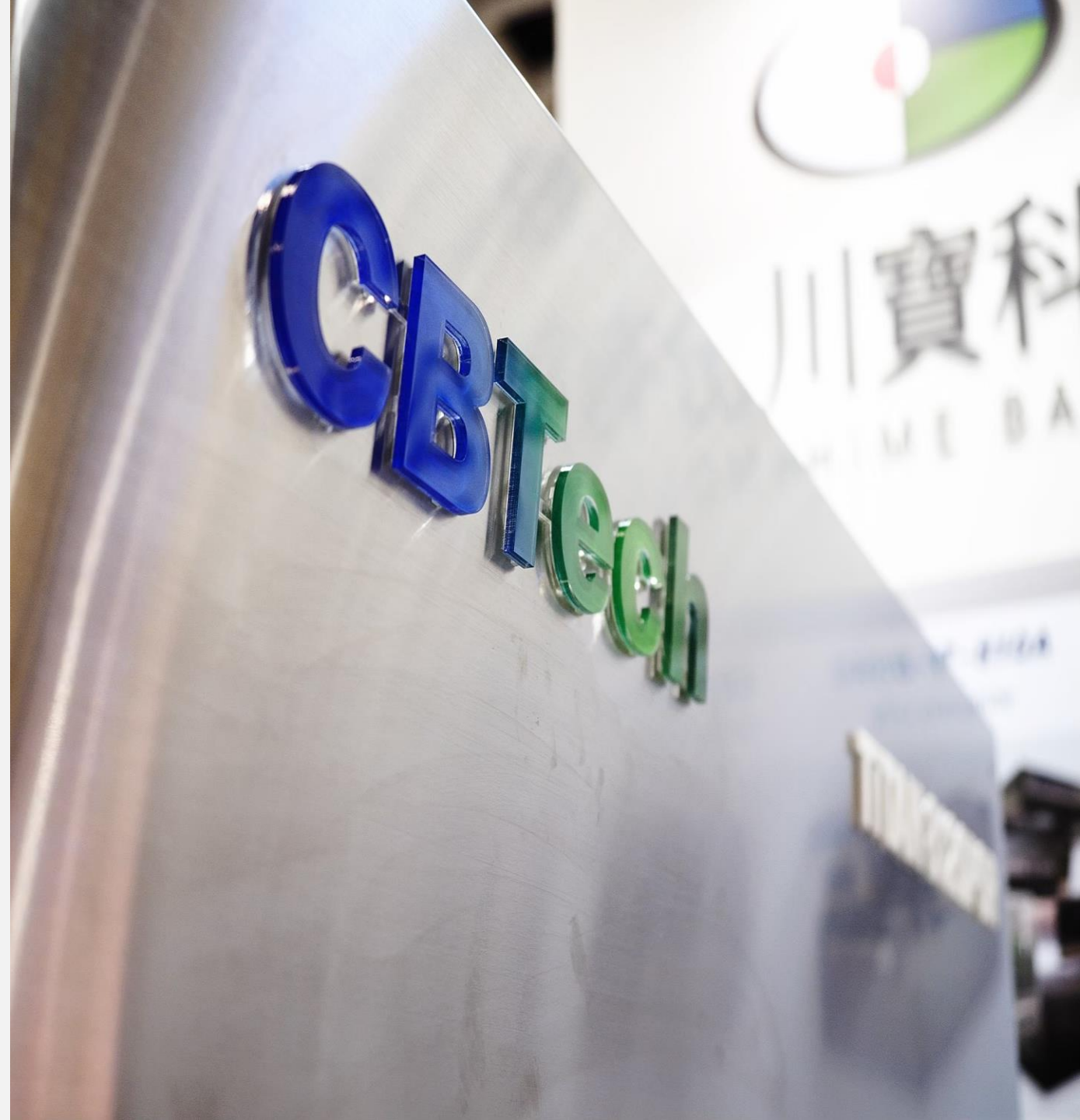


PCB BU Future Outlook

Current Situation

In 2021, the estimated GDP of Taiwan's circuit board industry is NT\$817.8 billion, with a growth rate of 17.5%, which is the year with the most dramatic growth since 2010.

Driven by 5G, semiconductors, electric vehicles and other innovative technologies, Taiwan's circuit board industry is expected to climb to a new peak. However, the year 2022 has not performed as expected due to geopolitical conflicts, inflations, COVID-19, intense competition with China, the rise of the trend of net zero emissions, and other factors. We hold a conservative view for the development of the equipment industry in the coming year.



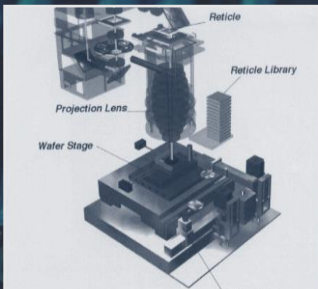
Carry Out 3 Pillars of Sustainable Business



Contacted Exposure Unit
FPCB RTR Exposure Unit
Solar Cell Projector



PCB/Substrate Direct
Imaging System
Pattern LDI $5\mu\text{m}\sim 40\mu\text{m}$
Solder Mask DI



Substrate/ 2.5D 3D IC
Stepper

Exposure Unit
provides application
solutions for 5G,
electric vehicles,
high-speed
computing(HPC), AI,
servers, solar cell
projector

Operational Plan for Next 5 Years

Current Application (2023 ~ 2025)

- Traditional Exposure Unit/FPCB RTR Exposure Unit
- Pattern LDI / Solder Mask Direct Imaging System
- Solar Cell Projector

Application Improvement (2023 ~ 2025)

- 5 μ m LDI Development Layout for Bismaleimide Triazine (BT) Board Market
- 3 μ m Stepper Development Layout for Ajinomoto Buildup Film (ABF) Board and 2.5D/3D IC Package Market

Advanced Transformation (2025 ~ 2027)

- BT & ABF Subtract LDI & Stepper Exposure Unit
- 2.5D/3D IC Package RDL Exposure Unit

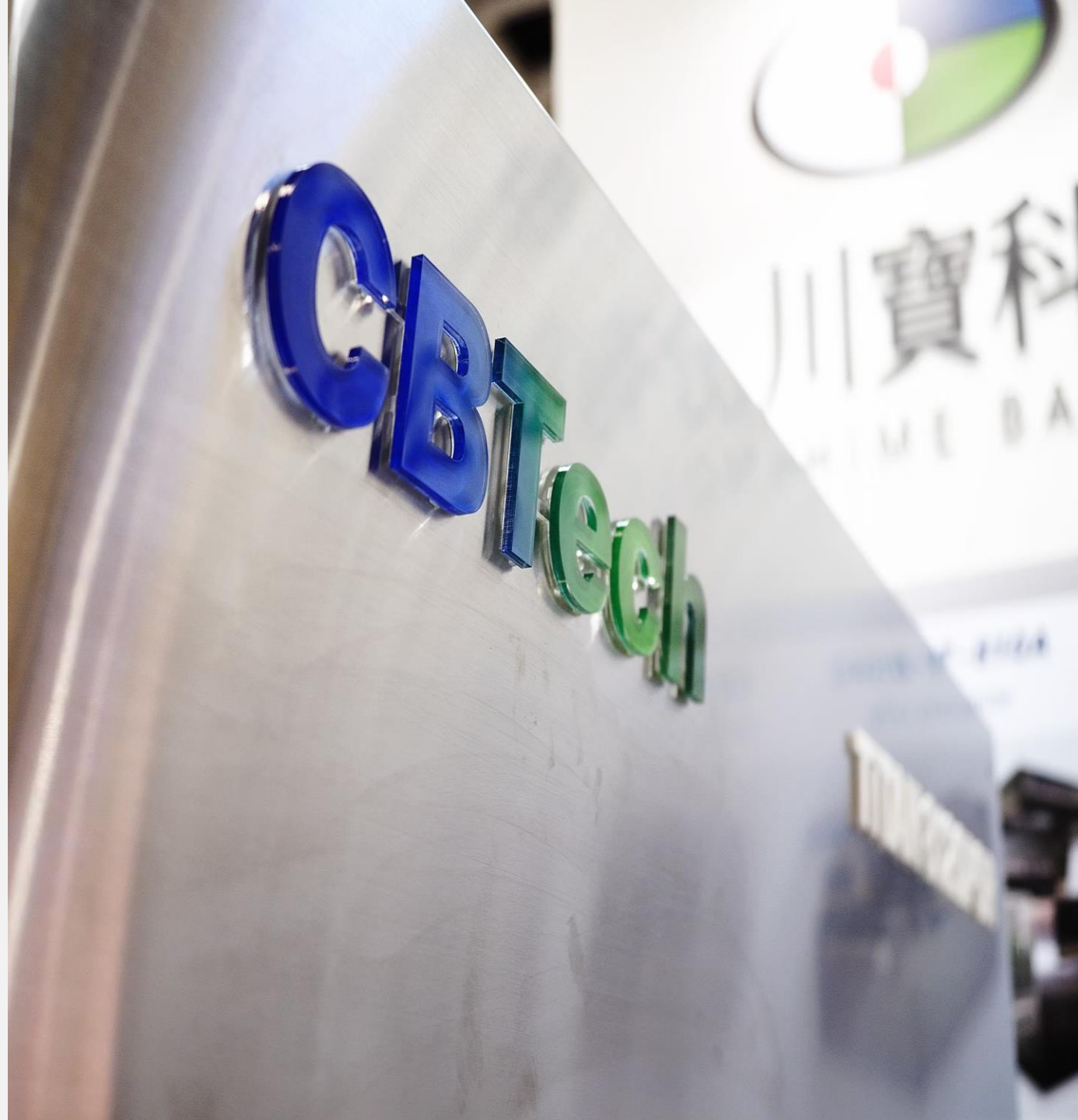


SEMI BU Future Outlook

Current Situation

In the past two years, the demand for process equipment is high, but the delivery time of new equipment has been extended due to supply management in the post-epidemic era and other various factors. Semiconductor manufacturers have been forced to take countermeasures. One of the main solutions is to obtain recycled semiconductor equipment. It directly leads to soaring prices, and in result, the market for mature process equipment performs outstanding.

Looking forward to 2023, despite the semiconductor industry is still facing challenges such as geopolitical, chip restrict and ban, supply management and talent gap, obtaining second-hand equipment will still be the main countermeasure regardless of its cost or delivery time. Therefore, it is expected that the revenue of BHT revenue in mature process equipment still has room for growth.



Carry Out 3 Pillars of Sustainable Business



Semi-Equipment Refurbishing &
Manufacturing Center



Advanced Fab Tool Automation
RD & Manufacturing Center



Spares Agent & Brittle
Materials Manufacturing Center

Providing
localized
semiconductor
equipment and
key components
as solutions



Roadmap of Organization Enterprise

Group Competitive Strategies

Competitive Strategies 『1 Core with 2 R&D Centers』



The Sustainable Development Committee focuses on the company's transformation from "Manufacturing" to "Technology."

Our Committee focuses on the technology cultivation and the long-term development, and adheres to the principles of "Corporate Governance and Integrity Operations," "Green Products and Environmental Protection" and "To Take Care of Employees and Caring for Minority," which allow us to be the model for enterprises domestically and to pursue sustainable business development.



Hsinchu R&D Center focuses on advance fab tool automation, software & mechanism development.



Luzhu Materials R&D Center focuses on optical design, optical coating, sputtering AST and critical material development.

Group Sustainable Development Goals (SDGs)

SDGs holds 3R 『REUSE, REDUCE & RECYCLE』

In response to the Global Net-Zero Emissions trend, Environment-Friendly, and providing customers Sustainable Development Solutions with our sustainable innovation



REUSE

Provides customers localized refurbishing equipment and spare parts and solution for regeneration resources



REDUCE

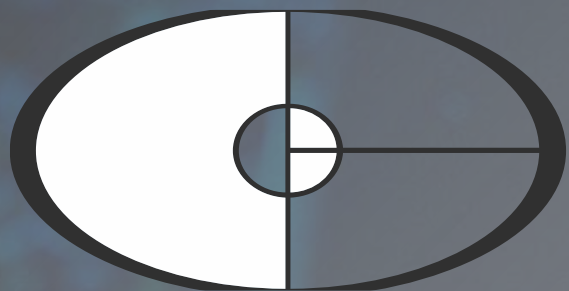
Continue to invests in green energy and optimization facility /equipment, and to implement Energy Management System (EMS)



RECYCLE

Actively invests in regenerating resources and circular economy technology development

Assists customers in driving Net Zero Emissions



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Create

卓越

Best

科技

Technology

股票代碼: 1595