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CHINA ECOTEK CORPORATION Investor Conference 2023.04.26

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Eco-friendly and Trustworthy Company with Comprehensive Business in Engineering





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Agenda



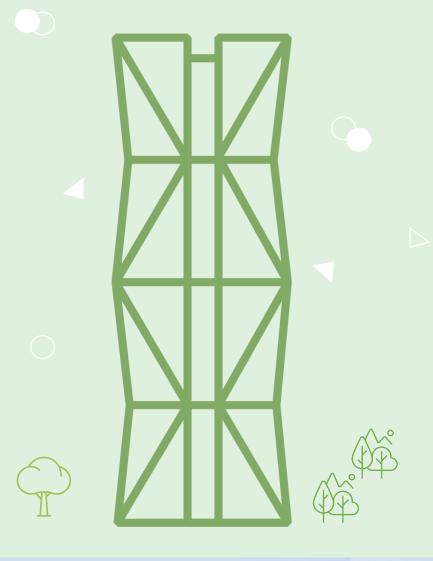




Financial Highlights

Operation Strategy







Business Overview

Business Overview





M&E Engineering



Green Energy & Environmental

Engineering



Operation & Maintenance



Refractory Engineering



Biotechnology Engineering

M&E Engineering





Business strategy

Upgrade M&E technical level. Cooperate with massive subcontractors. Extend the business range of M&E engineering.

Proactively expand the engineering capacity inside and outside the Group, contracting EPC projects so the revenue and profit can increase.

Major ongoing Projects during 2023 Q1

- CSC New Ph. 1&2 Coke Oven Plant(COP) Revamping Project
- CSC New Ph. 1&2 Coal Sample Preparation Work
- CSC Ph. 1&2 Coke Dry Quench(CDQ), Power Station new-built Project
- CSC Coke Conveying & Handling System, new-built Project
- CSC New Coal Enclosed Building Conveyor System, renovation work, Ph. 2 Project
- CSC Power Plant Motor Blower, new-built Project
- CSMC 69KV Major Power Station Revamping Project
- DSC #1BFR1 Revamping Project, slag pit assembly work
- CSCC Ph. 2 Graphitizing Furnace, power station expansion Project
- POLYPLASTICS TAIWAN CO. TLP-1(LCP) Plant Project

M&E Engineering



CSC Coal/Iron Ore Conveyor System Revamping

CSC New Coal Enclosed Building Ph. 2, Conveyor System





POLYPLASTICS TAIWAN CO. TLP-1(LCP) Plant Project



Green Energy & Environmental Engineering



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Business strategy

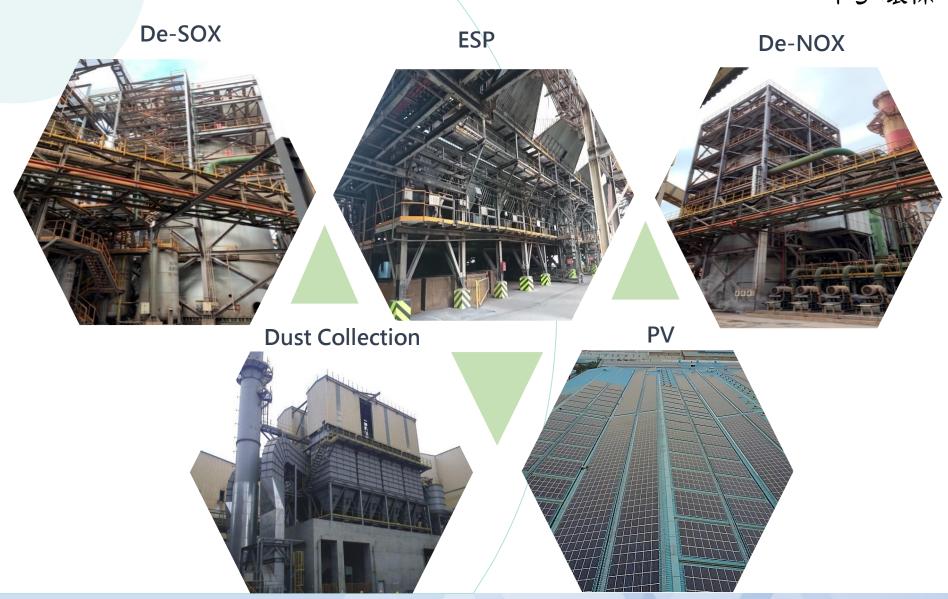
- Strive for undertaking air pollution control EPC project such as de-NOX, de-SOX and dust-collecting device.
- Promote EPC project for PV system engineering, targeting on the Group projects and extends outside the Group.
- Continuously develop sewage and pure water treatment.
- Develop Construction Project about Circular Economy.

Major ongoing Projects during 2023 Q1

- CSC Group PV System Construction Project
- CSC CDQ Dust-collecting System, Cooling Water System, new-built Project
- CSC W2 New Ph. 1&2 COP, Pushing Emissions Control Systems (PECS)
- CSC Power Plant TG-9/TG-10 Extension Project
- CSC DC-15A, DC103A, DC-221 Revamping Project
- CSC Steel-making Plant No. 3 Dust-collecting System Renewal Project
- CSC Fongshan River Reclaimed Water Pipeline, and Demineralized Water System Project
- CSC No. 3 BF heating-air furnace, Carbon Capture Pilot Plant
- CSC Steel Converter / BF CO Extraction Pilot Plant, Turnkey Project
- Caotun Water Purification Plant Construction Project

Green Energy & Environmental Engineering





Operation & Maintenance





Business strategy

- On-site O&M work at CSC and DSC provides stabilized profit.
- Keep up O&M work at public construction for sewage and Advanced water treatment.

Major ongoing Projects during 2023 Q1

- CSC Group Site Maintenance
- CSC Raw Material Preparation Treatment Yard (RMTP)
 O&M
- CSC Industrial Waste Incinerator(IWI) O&M
- CSC Industrial Wastewater Purification Yard, Operation & Maintenance
- DSC Water Treatment Plant O&M
- Cheng-Ching Lake Advanced Water Treatment Plant O&M
- Kinmen county, Tai-hu Advanced Water Treatment
 Plant O&M

Operation & Maintenance



Cheng-Ching Lake Advanced Water Treatment Plan

DSC Waste Water Treatment Plant



Kinmen county, Tai-hu Water Treatment Plant

CSC Industrial Waste Water Treatment Plant





Refractory Engineering





Business strategy

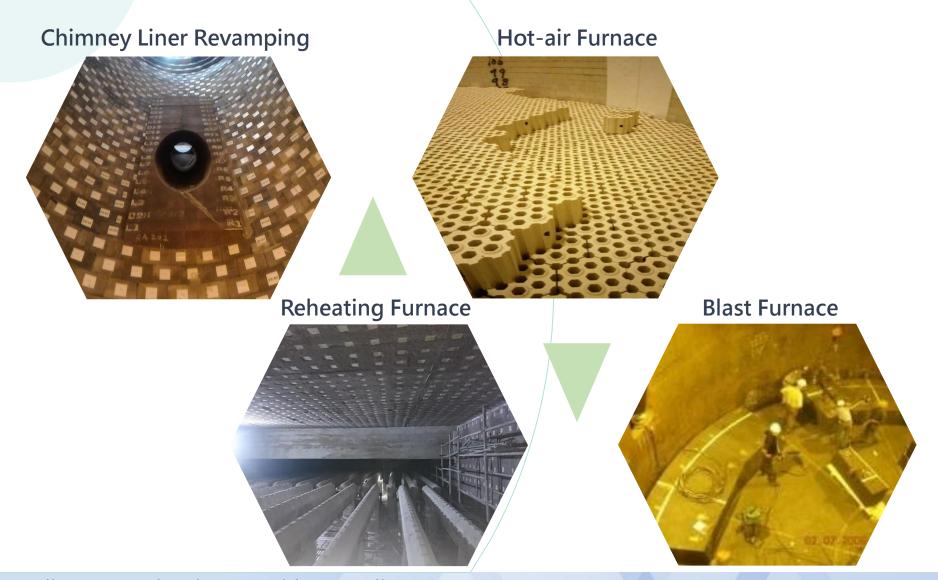
- Strengthen the professional technique, searching for sources of global refractory materials and expanding business about refractory turnkey construction.
- Install self-own factory. Develop & invest refractory formula. Train engineering team, and enhance value chain.

Major ongoing Projects during 2023 Q1

- CSC New Ph. 1&2 Coke Oven Plant(COP) Refractory
 Construction Project
- CSC Ph 4. Coke Dry Quench(CDQ) Oven Refractory Construction Project
- CSC #33 Hot-air Furnace Refractory Revamping Project
- CSC Y41-3 Hot-air Furnace Refractory Revamping Project
- CSCC Ph. 2 Graphitizing Furnace, Refractory Material Supplies.
- DSC Furnace Lining, Refractory Material Restoration Work(R01)

Refractory Engineering





Biotechnology Engineering





Business Strategy

Biotechnology Engineering includes services such as: (1)Design Engineering (2)Construction (3)Validity Test

Major ongoing Projects during 2023 Q1

- EirGenix Co. Zhubei Plant, Building B. Construction & Design Project
- EirGenix Co. Zhubei Plant, 5F Assembly Line Construction
- Acepodia Company, Nan-gang Biotechnology Research Park, GMP Lab Construction Project
- BeiGene (Taiwan) Limited Company, Neihu area, Lab Revamping
 Project
 Utility

Building Interior

Air-con& Ventilation Light Current

Firefighting

Drainage & Wastewater Treatment

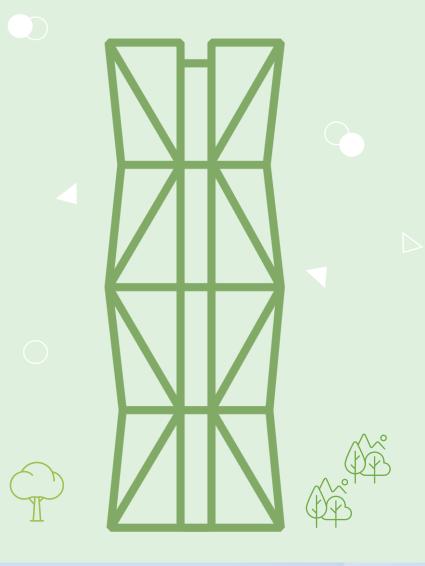
Pipeline Cleaning

Biotechnology Engineering







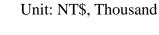


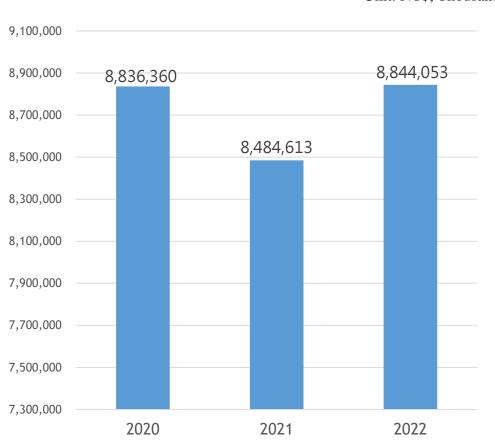


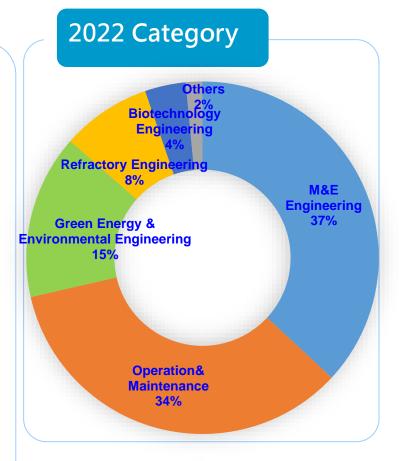
Financial Highlights







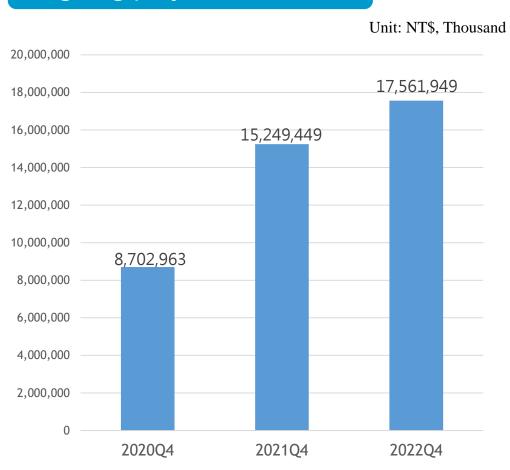


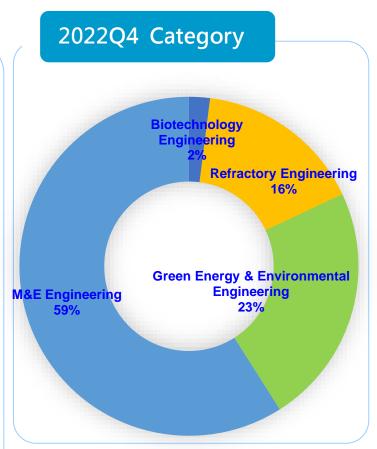


Financial Highlights









Note : exclude from Operation & Maintenance

Financial Highlights



Consolidated Income Statement

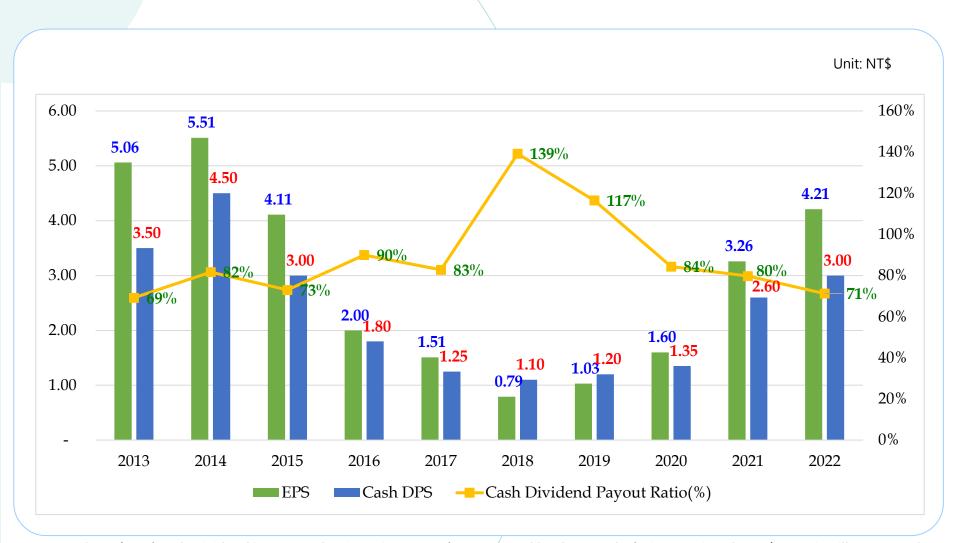
Unit: NT\$, Thousand

	2022/01/01-12/31		2021/01/01-12/31		YOY
Sales Revenues	8,844,053	100%	8,484,613	100%	4%
Operating costs	8,031,190	91%	7,764,125	92%	3%
Gross Profit	812,742	9%	706,961	8%	15%
Operating expenses	480,109	5%	464,656	5%	3%
Operating Income Total non-operating income	332,633	4%	242,305	3%	37%
and expenses	279,269	3%	240,534	3%	16%
Profit before income tax	611,902	7 %	482,839	6%	27%
Income tax expense	91,383	1%	78,959	1%	16%
Profit for the period	520,519	6%	403,880	5%	29%
Total basic earnings per share	4.21		3.26		

^{*}Remark: Above data is approved & reviewed by accountant

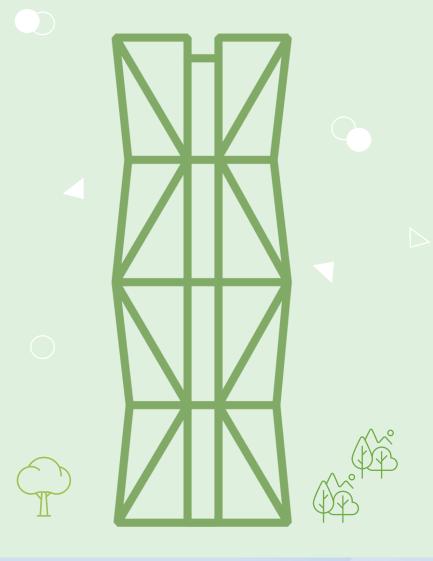
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Financial Highlights-Dividend Payout Ratio



*Remark: NT\$ 3 of Cash Dividend is expected to issue in 2022. After approved by the Board of Directors in Feb. 21rd 2023, it will report and have rectification in the Shareholders Meeting in June 21th 2023. Besides, 2022 EPS is NT\$4.21 and is approved and reviewed by accountant.







Operation Strategy

Operation Strategy







- Expand PV engineering outside the Group and energy storage system
- CSC steel & chemistry cogeneration (Circular Economy) project
- CSC carbon capture and storage (CCS) engineering project
- Reclaimed Water Development Project
- Expand sales items about energy saving and carbon reduction, such as business LED and air purifier.



Enlarge Business Domains

- Combine R&D inside & outside the Group
- Enhance techniques of air pollution control and water treatment
- Participate in the Group's Integral Design
- Increase proportion of independent design
- Labor with material in Refractory Engineering



Develop Digital Transformation

- Import smart wear for construction work
- Optimize management of pipeline and materials
- Import the design of smart material management
- Strengthen operational execution ability to support administration system

Future Operation & Business Opportunities





M&E Engineering

- **CSC Coke Oven Plant Revamp** Project
- CSC Stock-yard & Conveyor system Revamp Project
- CSC 2nd Acid Pickling Cold-rolling Line, PLCM Project
- DSC #1BF Blast Furnace Major **Overhaul Project**

Sales Business

- air purifier, activated carbon adsorption
- LED, industrial socket
- water treatment chemicals

M&E **Engineering** **Green Energy Environmental**

Engineering

Refractory

Engineering

Biotechnolog y Engineering

Green Energy & **Environmental Engineering**

- Waste Water Treatment **Equipment Revamping**
- Air Pollution Control FGD&SCR System Engineering
- Public Works(Purified Water, Reclaimed Water)
 - PV Installation Project
 - Energy storage system
 - CSC cogeneration for steel and chemical, carbon capture & storage (CCS) project

Biotechnology Engineering

- Hsinchu Biomedical Science Park
- South Smart Biomedical Industrial
- Ping-tung Agricultural Biotechnology Park

refractory materials

Operation & Maintenance

Sales Business

Operation & Maintenance

- **CSC Site Maintenance**
- CSC Industrial Waste Incinerator(IWI) O&M
- CSC Raw Material Preparation Treatment Yard (RMTP) **Operation Work**
- Water Treatment Plant O&M (CSC, DSC, Chengching Lake, Kinmen)

Refractory Engineering

CSC & DSC Refractory Revamping for Heating Furnace, Reheating Furnace, and Converter

Expand Sales Business





- Industrial Air Cleaner-CEKU2000B
 NEW ARRIVAL
- Customized Purifier Filter
 Exclusive Composite Filter with Activated Carbon
- Instant Detection for HCHO, VOC, PM2.5, Ammonia and H2S



Expand Sales Business





LED Lighting



 Auxiliary Chemicals for water treatment



Refractory Material





Q&A