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CHINA ECOTEK CORPORATION

Investor Conference

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http://www.ecotek.com.tw/cec_csr/index.php

Eco-friendly and Trustworthy Company with
Comprehensive Business in Engineering



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01

Business Overview

Business Overview



M&E Engineering



Green Energy & Environmental
Engineering



Operation & Maintenance



Refractory Engineering



Biotechnology 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

- 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 W1 New Coal Enclosed Building Conveyor System, renovation work, Ph. 2 Project
- CSCC Ph. 2 Graphitizing Furnace, power station expansion Project
- POLYPLASTICS TAIWAN CO. TLP-1(LCP) Plant Project

Projects under negotiation

- DSC 1BFR1 Blast Furnace & Coke Plant, Revamping Project
- Central Glass Taiwan Company, Fluoride Gas Plant new-built Project
- ACC Raw Round Coal Conveyor System new-built Project

M&E Engineering

CSC New Coal Enclosed Building
Conveyor System, renovation
work, Ph. 2 Project



CSC Coal Iron Ore, Conveyor System
Reconstruction Project



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





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

- CSC Group PV System Construction Project
- CSC #3 Coke Plant EP Revamping Project
- 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 Power Plant No. 11 Boiler FGD System Project
- DSC Futian Reclaimed Water Plant Project
- Caotun Water Purification Plant Construction Project

Projects under negotiation

- CSC Energy Storage System, Microgrid System Project
- Kaohsiung City, Nanzi Dist. Reclaimed Water Plant, design & new built Project
- Taichung WenShan WTE plant Renewable Energy Plant Project

Green Energy & Environmental Engineering

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De-SOX



Dust Collecting



De-NOX



PV



Caotun Water Purification Plant



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

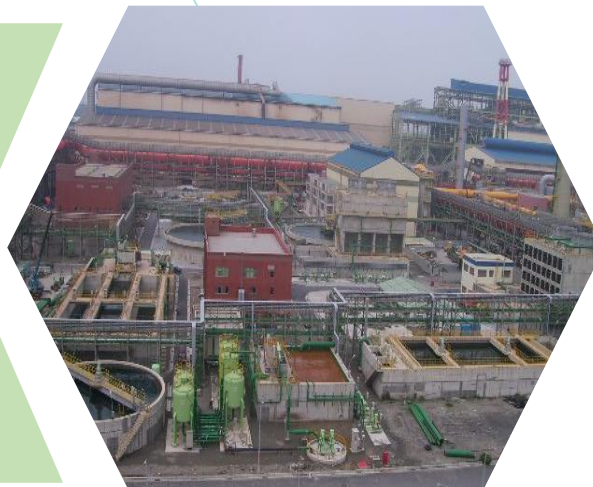
- CSC Group Site Maintenance
- CSC Raw Material Preparation Treatment Yard (RMTP) O&M
- CSC Industrial Waste Incinerator(IWI) O&M
- CSC Industrial Wastewater Purification Yard, Operation & Maintenance
- DSC Water Treatment Plant O&M
- Cheng-Ching Lake Advanced Water Treatment Plant O&M
- Kinmen county,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





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

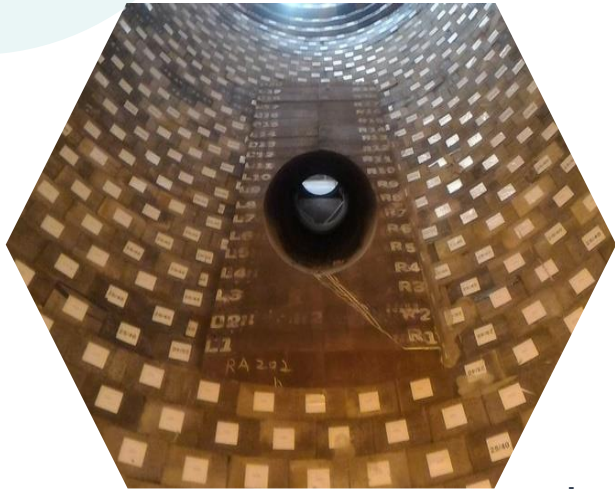
- CSC New Ph. 1&2 Coke Oven Plant(COP) Refractory Construction Project
- CSC #33 Hot-air Furnace Refractory Revamping Project
- CSCC Ph. 2 Graphitizing Furnace, Refractory Material Supplies.
- DSC Furnace Lining, Refractory Material Restoration Work(R01)
- DSC 1BFR1 Blast Furnace Lining Refractory Brick Restoration Work

Projects under negotiation

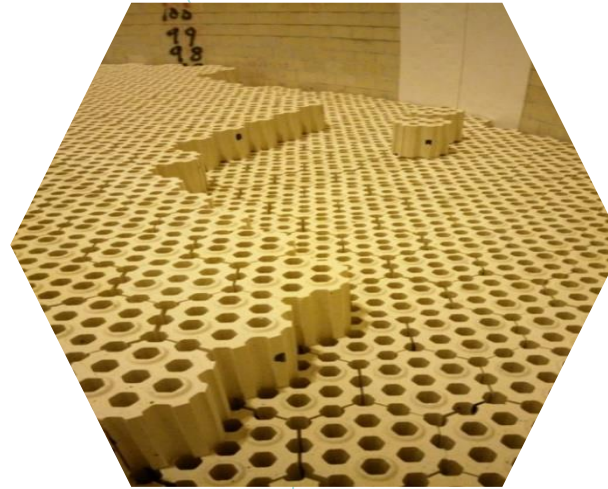
- CSC Lime Kiln and Hot-air Furnace Revamping Project
- DSC Furnace Lining, Refractory Material Restoration Work
- Kuan-Ho Refractories Company Tunnel Kiln Revamping Project

Refractory Engineering

Chimney Liner Revamping



Hot-air Furnace



Reheating Furnace



Blast Furnace



Biotechnology Engineering



Business Strategy

Biotechnology Engineering includes services such as:

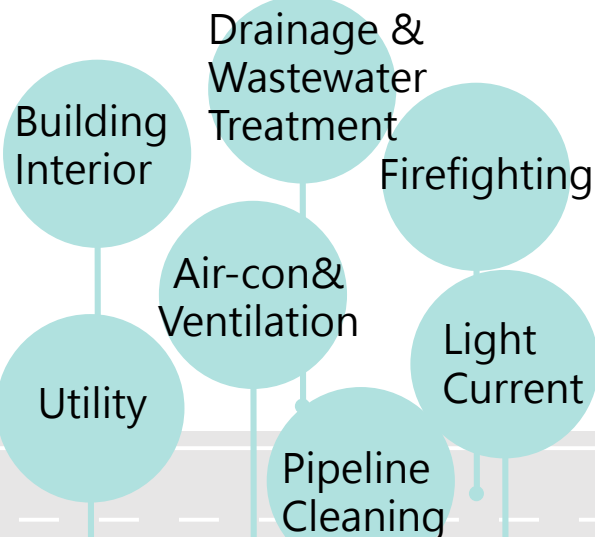
(1) Design Engineering (2) Construction (3) Validity Test

Major ongoing Projects during 2023

- Pharmosa Biopharm Company, Taipei Bioinnovation Park, GMP Filling Plant Project
- Acepodia Company, Nan-gang Biotechnology Research Park, GMP Lab Construction Project
- EirGenix Co. Zhubei Plant, Building B. Construction & Design Project
- EirGenix Co. Zhubei Plant, 5F Assembly Line Construction

Projects under negotiation

- TFBS BIOSCIENCE Co., Taipei Bioinnovation Park, Plant Construction Project
- ADIMMUNE Corporation, Lab Restoration Project
- HEALTH EVER BIO-TECH CO., Yilan City, Phase 2 Plant Construction Project



Biotechnology Engineering

EirGenix, INC.



Pharmosa Biopharm
Company



Acepodia Company



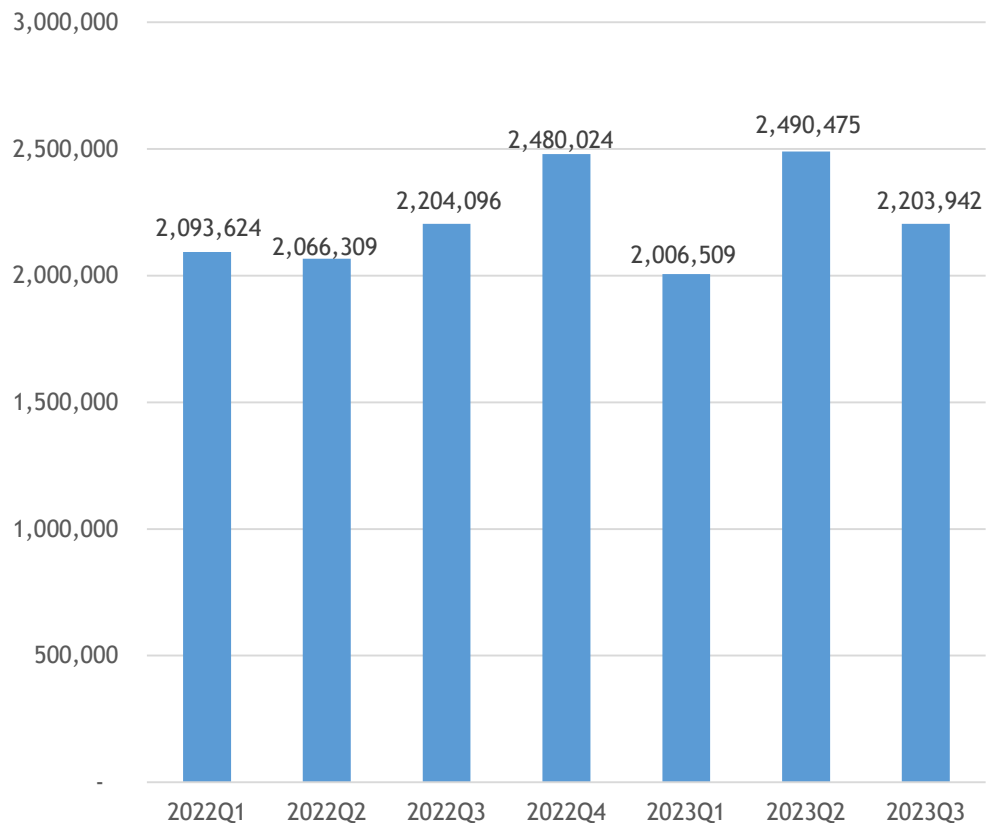
02

Financial Highlights

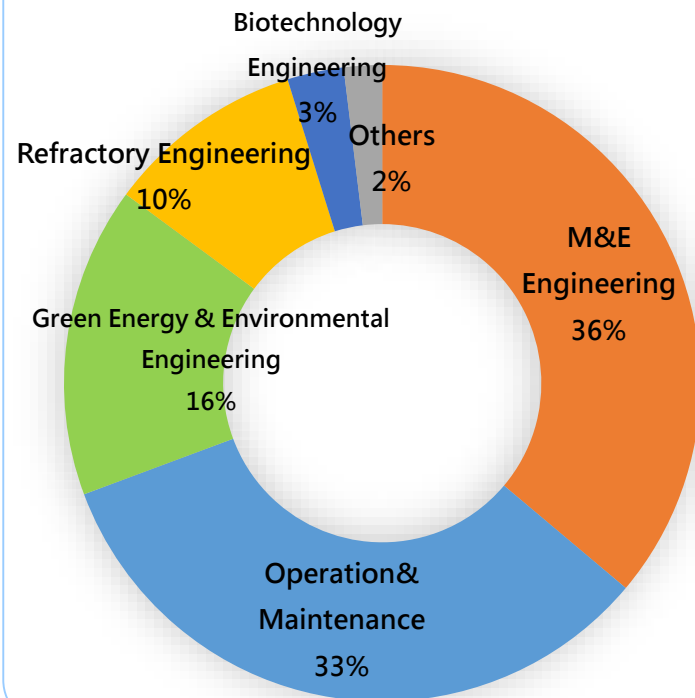
Financial Highlights

Revenue Overview

Unit: NT\$, Thousand



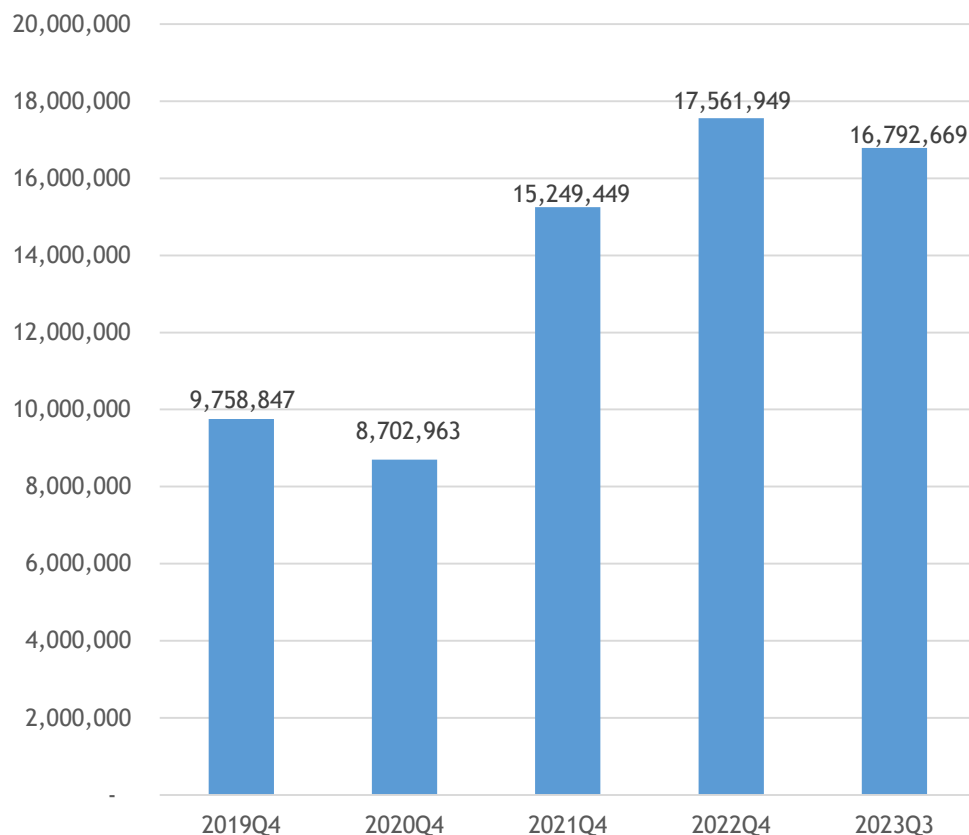
2023Q1~Q3 Category



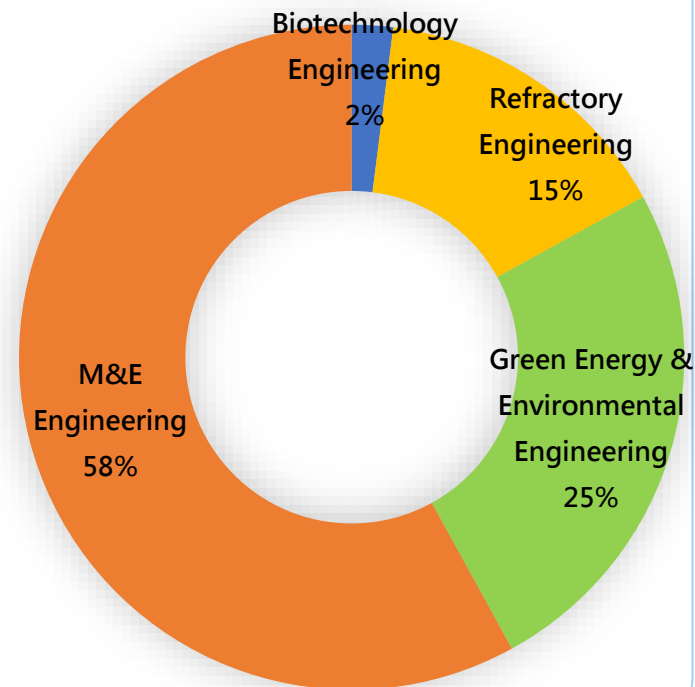
Financial Highlights

On-going project Overview

Unit: NT\$, Thousand



2023Q3 Category



Note :
exclude from Operation & Maintenance

Financial Highlights

Consolidated Income Statement

Unit: NT\$, Thousand

	2023/01/01-09/30		2022/01/01-09/30		YOY
Sales Revenues	6,700,926	100%	6,364,029	100%	5%
Operating costs	6,050,620	90%	5,787,212	91%	5%
Gross Profit	650,963	10%	576,299	9%	13%
Operating expenses	365,562	6%	343,966	5%	6%
Operating Income	285,401	4%	232,333	4%	23%
Total non-operating income and expenses	178,723	3%	277,717	4%	-36%
Profit before income tax	464,124	7%	510,050	8%	-9%
Income tax expense	84,964	1%	69,743	1%	22%
Profit for the period	379,160	6%	440,307	7%	-14%
Total basic earnings per share	3.06		3.56		

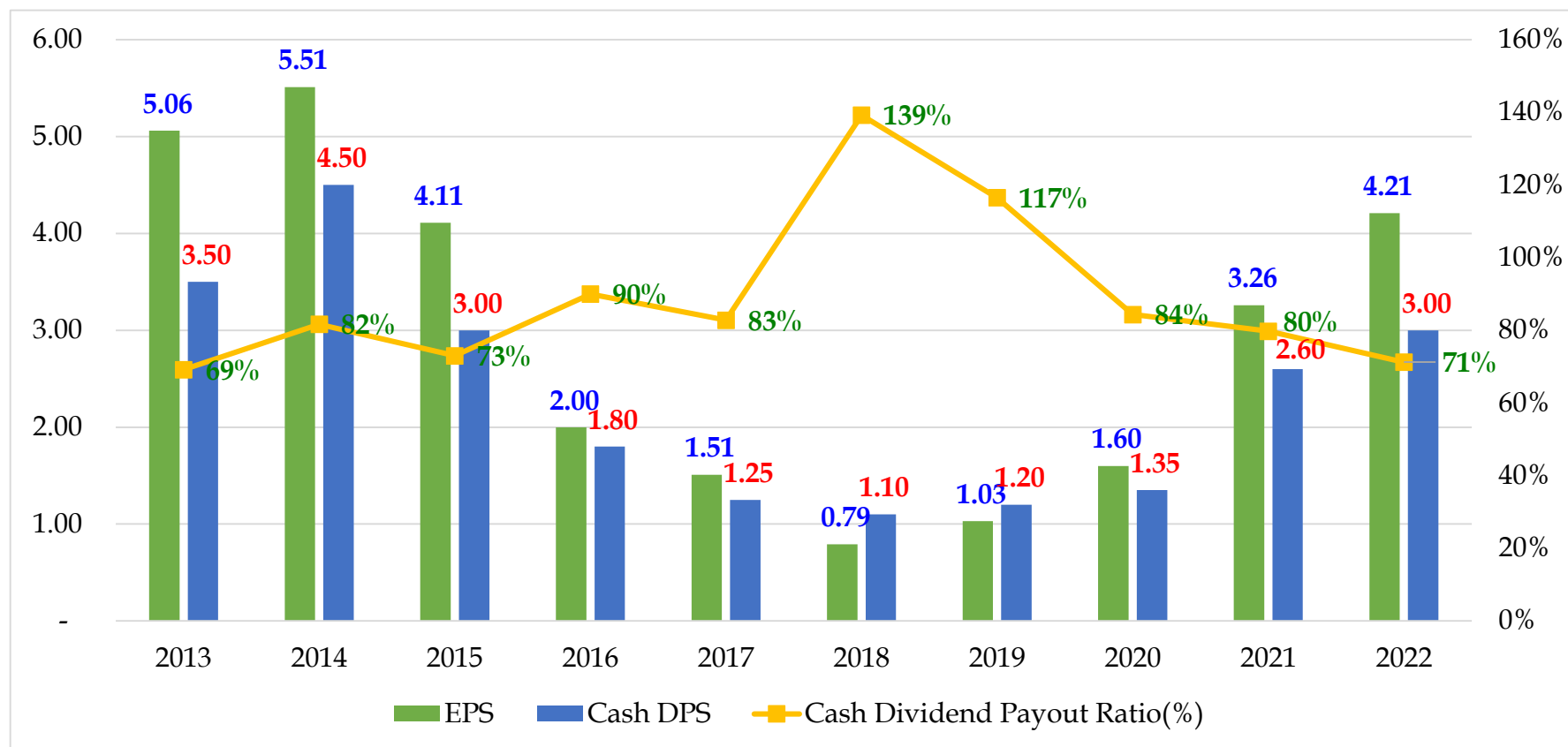
*Remark : Above data is reviewed by accountant

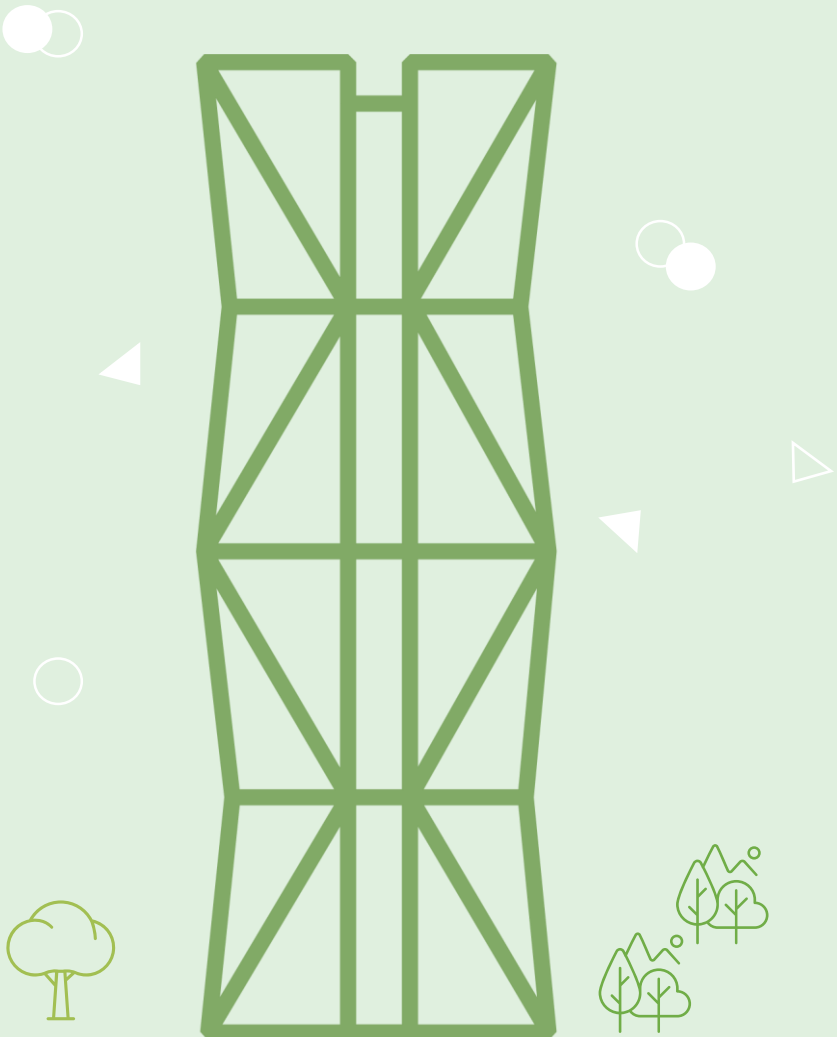


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Financial Highlights-Dividend Payout Ratio

Unit: NT\$





03

Operational Prospects

Operation Strategy



Develop Circular Economy

- 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



Strengthen Core Technology

- Strengthen professional skill
- Introduce crucial technology team
- Develop manpower with professional skill

Future Operation & Business Opportunities

M&E Engineering

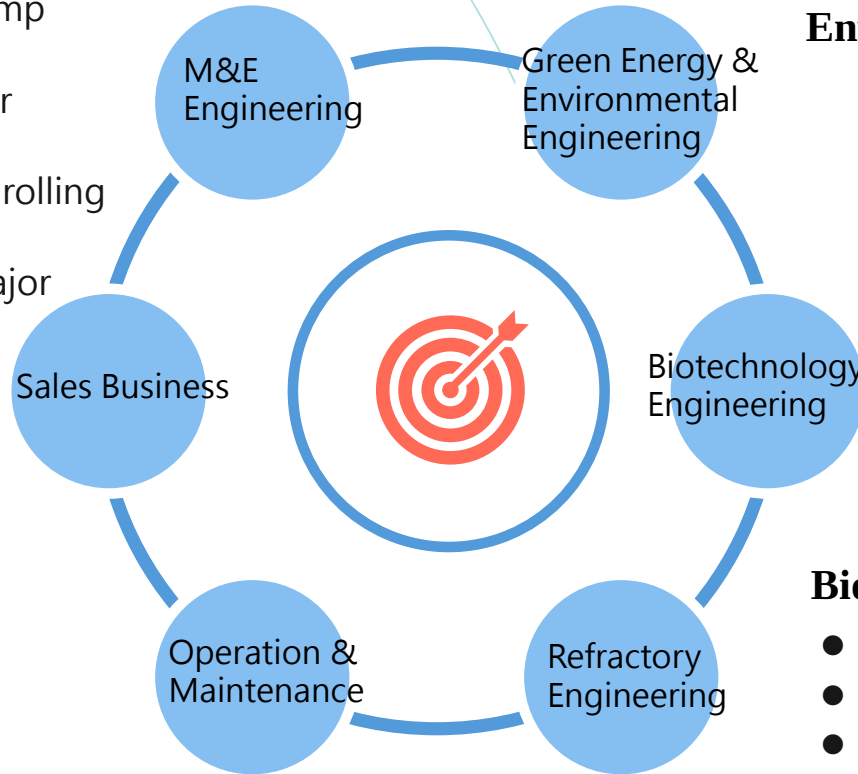
- CSC Coke Oven Plant Revamp Project
- CSC Stock-yard & Conveyor system Revamp Project
- CSC 2nd Acid Pickling Cold-rolling Line, PLCM Project
- DSC #1BF Blast Furnace Major Overhaul Project

Sales Business

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

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, Cheng-ching Lake, Kinmen)



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 Engineering

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

Expand Sales Business



Join the Pet Show, Cares EXPO Exhibition and product stand at KMRT



New model will launch on March, 2024



customized filter and R&D for filter materials



Expand Sales Business



● LED Lighting



22W LED Panel Lighting

Certificated energy label (140LM/W) with highest energy sufficient standard



100W LED Streetlight

Certificated energy label (140LM/W)



100/120/150/250/300/600W LED Bay Lighting

In progress of energy sufficient test

● Auxiliary Chemicals for water treatment



● Refractory Material



E nvironment Protection

- Import and change into LED lighting, which will reduce CO₂e about 21.19 tons.
- Inventory of GHG emission has passed the 3rd party verification



S ocial Responsibility

- CEC 30th Anniversary Party with charitable event: donation for welfare group and mountain cleaning activity
- Awarded for "Outstanding Business" by National Taxation Bureau in 2023.



G overnance of Company

- Company Governance Evaluation TOP 6-20%
- Re-approved by TIPS (class A) in 2023
- Guide in ISO27001 and approved by 3rd party verification.



THANK
YOU!

Q&A