

CHINA ECOTEK CORPORATION(1535)  
Investor Conference  
Start Time 14:30

Coming soon



# CHINA ECOTEK CORPORATION Investor Conference



[http://www.ecotek.com.tw/cec\\_csr/index.php](http://www.ecotek.com.tw/cec_csr/index.php)

創造對環境友善、讓客戶信賴的全方位工程公司



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**2. Financial Highlight**

**3. Future Prospects**

# 1. Business Overview

# Business Overview

## M&E Engineering



## Green Energy & Environmental Engineering



## Operation & Maintenance



## Refractory Engineering



## Biotech & Food Engineering



# M&E Engineering



- Upgrade M&E technical level. Strengthen strategic partnership. Cooperate with subcontractors and enlarge business scope. Extend the business range of M&E engineering.
- Start with the Group and expand outside the Group, we promote turnkey construction for M&E equipment so revenue and profit will increase.

## ◆ During 2021 Q1 : Major On-going Projects

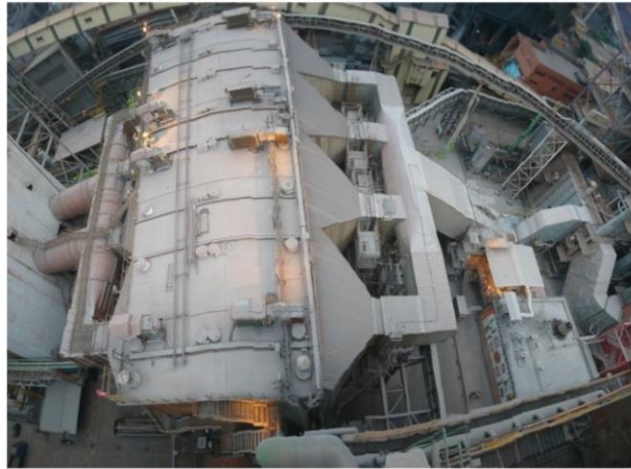
- CSC New-built Coal Mine Closed-type Building, Ph1-Conveyor Project
- CSC Retrofit Project of Conveying Coal/Iron Ore
- CSC Betterment Work of Ph1&2 Crusher System Pollution Control
- CSC Revamp Project of No. 1&2 Sinter Furnace Equipment
- CSC Ph1&2 Mixing Line Doubling Track Project
- CSC Revamp Project of M27, C1o, S6 Conveyor
- CSC #1 Power Plant Cooling Tower (CT-6) Project
- DSC Retrofit Project of Material Yard Conveyor
- SinDa Marine Structure Co. Utility Facility Renovation Project



# M&E Engineering

 中宇環保工程股份有限公司  
CHINA ECOTEK CORPORATION

## CSC #1 & #2 Sinter Plant Equipment Revamp



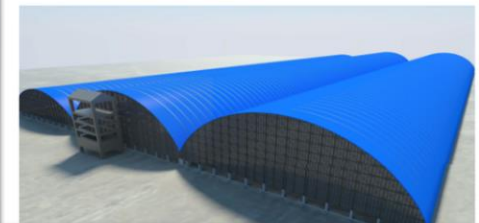
## CSC Coal Iron Ore Conveyor System



## SinDa Marine Structure Co.



## DSC Raw Material Yard





# Green Energy & Environmental Engineering

- Upgrade air pollution technique of de-NOX, de-SOX and dust collection. Expand the operation area.
- PV System Engineering targets on the Group projects and extends outside the Group, CEC continuously pushes for site turnkey project.
- Continuously develop sewage and pure water treatment project.

## ◆ During 2020 Q1: Major On-going Projects

- CSC Group PV Construction Project
- CSC #1SP FGD EPC Project
- CSC Additional Biological Filter for Effluent Water
- CSC Additional COD Removal Tank for Coke Plant
- DSC #1SP EP Equipment Project
- DSC Additional Sludge Dryer for Water Treatment Plant
- ShuLin Refuse Incineration Plant, ROT Project EP System EPC
- (VN) FHS Coke Plant FGD Project

# Green Energy & Environmental Engineering



De-SOx



Electrostatic Precipitator



De-NOx



De-Dust



PV





## Operation & Maintenance

- 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.



### ◆ During 2021 Q1: Major On-going Projects

- CSC Group On-site Maintenance
- CSC RMTP & Recycling Plant Operation
- CSC Recycling Yard Operation
- CSC Industrial Waste Water Treatment Plant O&M
- DSC Waste Water Treatment Plant O&M
- Cheng-Ching Lake Advanced Water Treatment Plant O&M
- Kinmen county, Tai-hu Advanced Water Treatment Plant O&M
- New Taipei City San-ying Water Resource Recycling Center O&M
- Kaohsiung City, Kangshan Qiaotou Sewage Treatment Plant O&M





# Operation & Maintenance

Cheng-ching Lake Advanced  
Water Treatment Plant



Gang-Shan  
Sewage Treatment Plant



San-ying Water Resource  
Recycling Center



King-men Tai Lake  
Advanced Water Treatment Plant





# Refractory Engineering



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

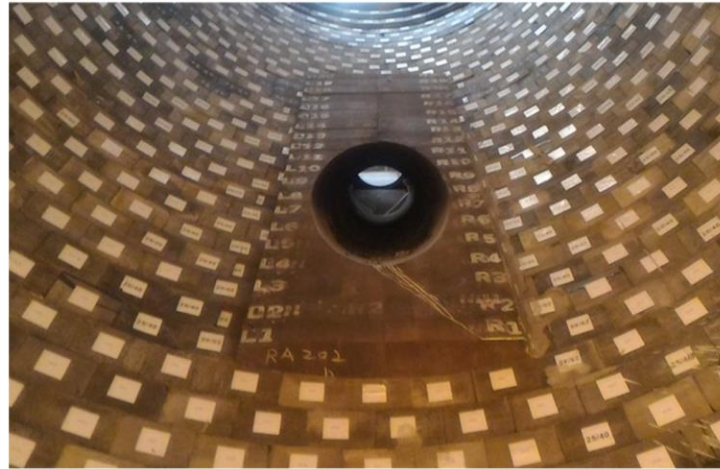
## ◆ During 2021 Q1: Major On-going Projects

- CSC #21 Hot-air Furnace Revamp Project
- CSC #31 Hot-air Furnace Revamp Project
- CSC #33 Hot-air Furnace Revamp Project
- CSC Y41 Reheating Furnace Revamp Project
- CSC No.1 Sinter Plant Chimney Liner Restore Project
- DSC #22 Hot-air Furnace Refractory Restore Project
- (VN) FHS Converter Furnace Refractory EPC Project

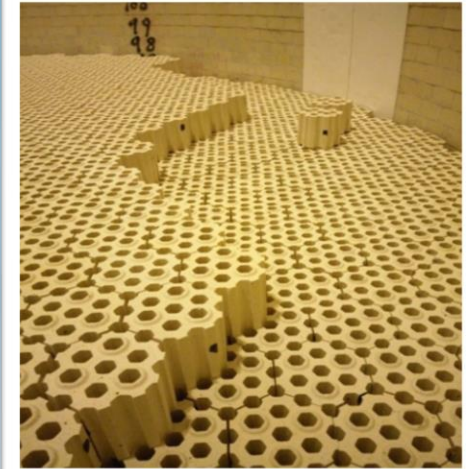


# Refractory Engineering

## Furnace Liner Revamping



## Air-heating Furnace



## Reheating Furnace



## Blast Furnace







# Biotech & Food Engineering

Biotech construction of whole plant provides complete service for

- (1) design
- (2) commissioning
- (3) liability test, etc.

## ◆ During 2021 Q1: Major On-going Projects

- Adimmune Corporation Cell Factory
- Virbac Co. Process & Development Laboratory
- Formosa Laboratories Co. Plant, M&E
- TaiMed Biologics Co. Pharmaceutical Plant
- Caliway Co. Pilot Plant
- CPDC Fine Chemical Plant  
Toufen City



# Biotech & Food Engineering



**Caliway  
Biopharmaceutical Co.**



**Formosa  
Laboratories, Inc.**



**TaiMed Biologics**



**Virbac**



**Adimmune Co.**



## 2. Financial Highlight

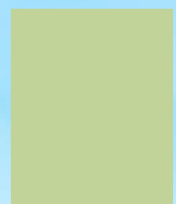


# Financial Highlight- Sales Distribution

■ Taiwan
 ■ Oversea

Unit: NT\$, Thousand

10,813,583



75%

9,315,910



76%

8,836,360



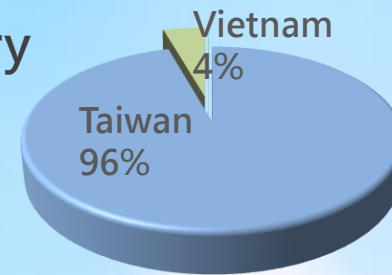
96%

2018

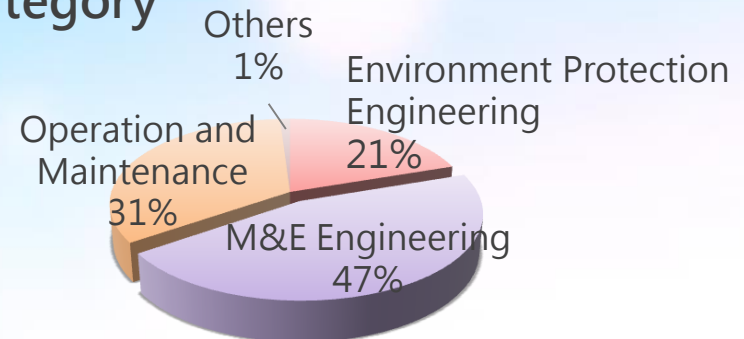
2019

2020

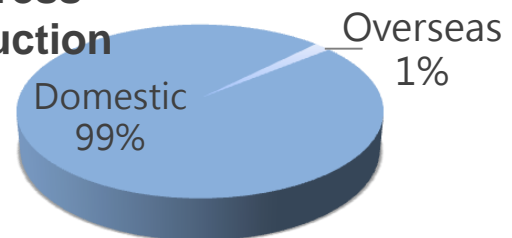
## Country



## Category



## In-progress Construction



Construction contracts were signed but not yet recorded on 31th, December, 2020 is 8,702,963.  
 (NT\$, Thousand)

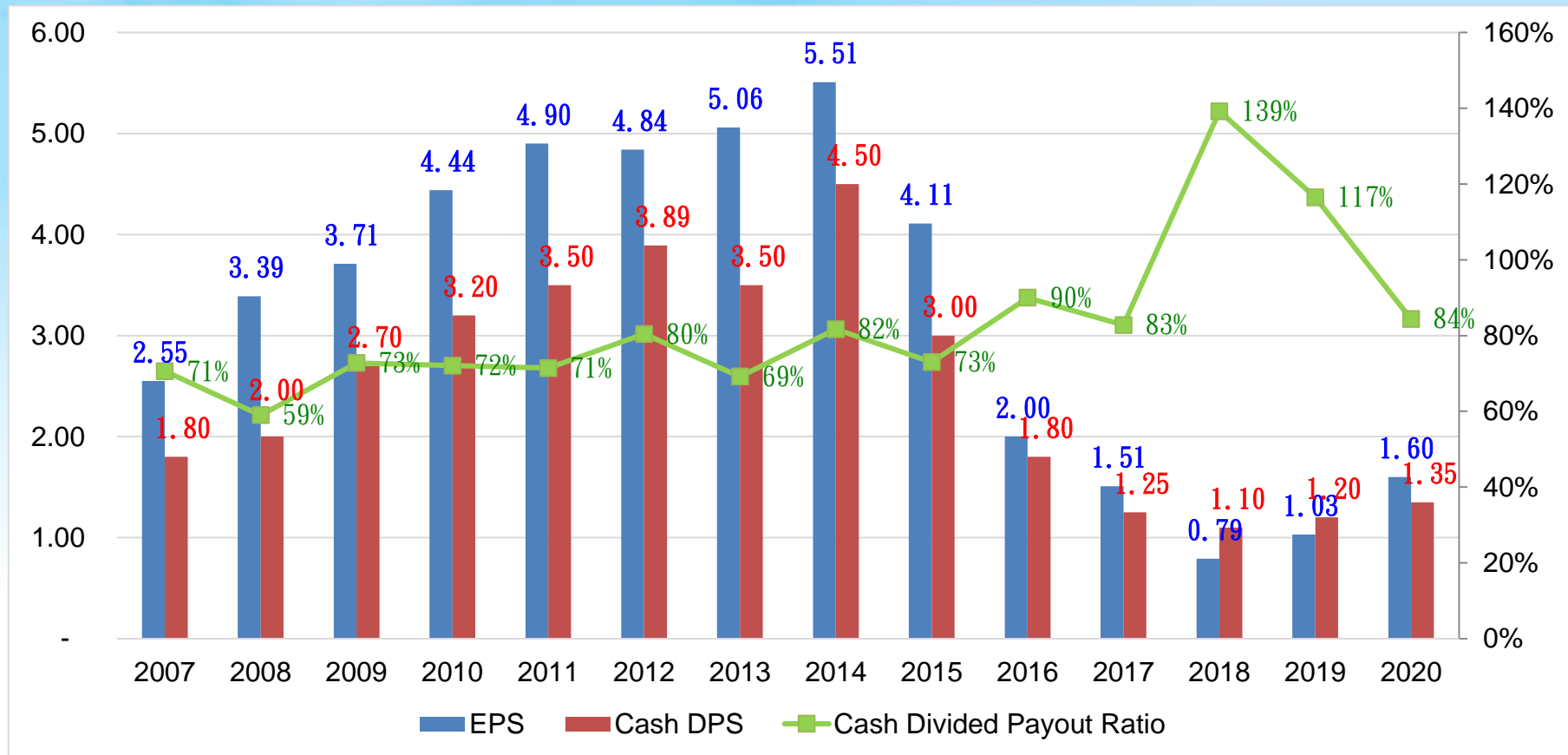
# Financial Highlight– Consolidated Income Statement

Unit: NT\$, Thousand

	2020/01/01-12/31		2019/01/01-12/31		YOY
Sales Revenues	8,836,360	100%	9,315,910	100%	-5%
Operating costs	8,318,011	94%	8,784,938	95%	-5%
Gross Profit	503,964	6%	510,725	5%	-1%
Operating expenses	439,240	5%	478,245	5%	-8%
Operating Income	64,724	1%	32,480	0%	99%
Total non-operating income	174,736	2%	131,092	2%	33%
Profit before income tax	239,460	3%	163,572	2%	46%
Income tax expense	42,025	1%	36,714	1%	14%
Profit for the period	197,435	2%	126,858	1%	56%
Total basic earnings per share	1.60		1.03		

# Financial Highlight– Dividend Payout Ratio

Unit: NT\$



Remark:

Cash DPS by NT\$1.35 in 2020. Approved by Board of Directors in Feb. 25<sup>th</sup> 2021, and will report to Shareholders for recognition in June 22<sup>th</sup> 2021. Besides, EPS by NT\$ 1.60 is also reviewed & approved by accountant.



## 3. Future Prospects

# Future Prospects

Future Prospects

Strategy Focus

Action Plan

## Future Prospect

To create an all-around engineering company that benefits the environment and wins customers' trust.

## Strategy Focus

Engineering, O&M, Circular Economy as "Power of Triple Balance" Strategy

### Upgrade Engineering Management Efficiency

- Strengthen execution ability and decrease risks of construction
- Improve the ability of engineering management. Bring in visualized analysis.

### Business Expansion

- Strive for business of equipment revamping work within the Group.
- Expand sales item and marketing area.
- Explore business of circular economy, such as green energy and water treatment.

### Enforce Technical Research & Development

- Unite CSC R&D department and improve the technology of energy-saving, water and air pollution control.
- Join the integral design within the Group. Upgrade the ability of self-design.

# Future Operation & Business Opportunities

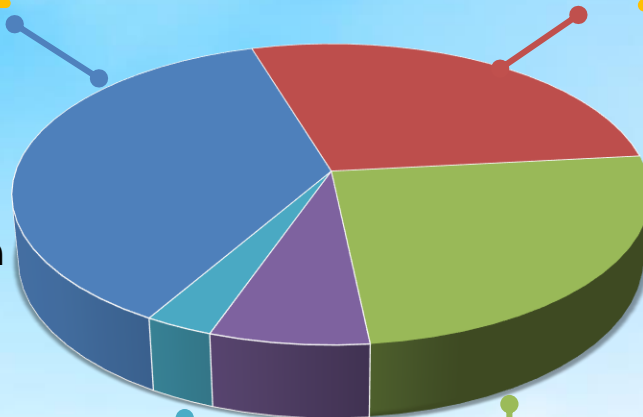
## 01 M&E Engineering

- CSC Coke Plant Revamp Project
- CSC Coke Yard & Convey System Revamp Project
- CSC Coal Sample Preparation
- CSC new-built CDQ Project

## 02

## Green Energy & Environmental Engineering

- CSC TG9、TG10 Project
- CSC PV Project
- Waste Water Treatment Revamp
- Air Pollution Control FGD&SCR System and Dust Control Equipment Revamp Project
- Public Works(Purified Water, Recycled Water, Seawater Desalination)



## 03

## Operation & Maintenance

- CSC On-site Maintenance
- Recycling Yard O&M
- RMTP O&M
- Water Treatment Plant O&M (CSC, DSC, Cheng-ching Lake, Kinmen, San-ying, Gang-xiao)

## 04

## Refractory Engineering

- CSC Coke & Furnace Plant
- CSC Coke Plant & CDQ Revamp
- Refractory Engineering for CSC, DSC Hot-air Furnace, Blast Furnace

## 05

## Biotech & Food Engineering

- National Biotechnology Research Park
- Hsinchu Science and Industrial Park
- Central Taiwan Science Park
- South Smart Biotech Medical Cluster Ping-tung Agricultural Biotechnology Park



# THANK YOU

## Q&A

