

CHINA ECOTEK CORPORATION

Investor Conference



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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CONTENT

1. Business Overview

2. Financial Highlight

3. Future Prospects

1. Business Overview

Business Scope

M&E, Plant Engineering

Steel Plant

Aluminum Plant

Biotech & Food Plant

Synthetic Fiber Mill

Industrial Plant



Environmental Protection & Energy Resource

Water Treatment

- Advanced Water Purification
- Sewage & Waste Water Treatment and Recycling
- Industrial Water
- Chemical dosing for waste treatment

Air Pollution Control

- De-NO_x, De-SO_x, De-Dioxin System
- De-dust
- Deodorization

Energy

- Power plant & co-generation plant
- PV plant
- LED

Operation & Maintenance

O&M

- Water Purification Plant & Waste Water Plant
- Steel Plant
- Incineration plant

Mechanical O&M

- Mechanical Equipment
- Heavy Rotary Equipment

Electrical Maintenance

- Power system
- panel control system

Major Revamping & Periodical Repair

Refractory O&M

Operation Overview

M&E Engineering



Green Energy & Environmental Protection Engineering



Operation & Maintenance



Refractory Engineering



Biotech & Food Engineering





M&E Engineering



中宇環保工程股份有限公司
CHINA ECOTEK CORPORATION

- 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 2020 : Major On-going Projects

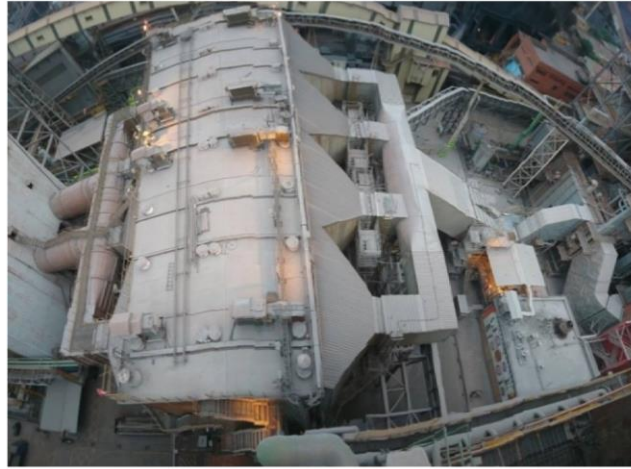
- CSC Revamping Project of No. 2 Blast Furnace 3rd Campaign
- CSC #1 & #2 Sinter Plant Equipment Revamp Project
- CSC Phase1&2 Coke Plant Utility Piping Revamp Project
- CSC Power Plant TG-9&10 Project (Design Service)
- CSC #1 Power Plant Cooling Tower (CT-6) Project
- CSC Retrofit Project of Conveying Coal/Iron Ore
- CSC New-built Coal Bin Closed-type Building
- SinDa Marine Structure Co. Utility Facility EPC Project

M&E Engineering



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CSC #1 & #2 Sinter Plant Equipment Revamp



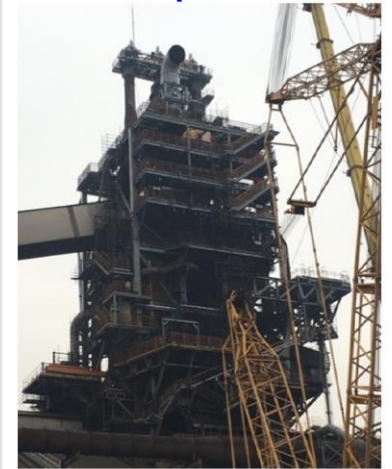
CSC Coal Iron Ore Conveyor System



SinDa Marine Structure Co.



CSC Blast Furnace Revamp





Environmental Protection 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: Major On-going Projects

- CSC Group (CSC, CCCC, CHC)PV Construction Project
- CSC #1SP FGD EPC Project
- CSC #2SP EP Revamp Project
- CSC JSH21 & DC203 Dust-collector Revamp Project
- DSC #1SP EP Equipment Project
- CSC Biological Filter for Effluent Water, M&E & Piping
- CSC Wastewater Purification Field, UF Replacement Project
- ShuLin Refuse Incineration Plant, ROT Project EP System EPC
- XinDian Refuse Incineration Plant, ROT Project EP System EPC
- (VN) FHS Coke Plant FGD Project

Green Energy &

Environmental Protection Engineering

De-SOx

Electrostatic Precipitator



De-NOx



De-Dust



PV



Refractory Engineering



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- 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.

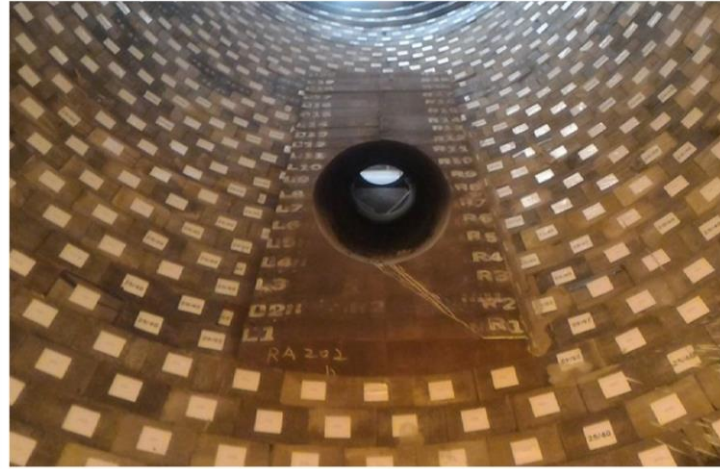
◆ During 2020: Major On-going Projects

- CSC No.2 SB #3 BFR Refractory Revamp Project
- CSC #21/#31/#33 Hot-air Furnace Revamp Project
- CSC Y41Reheating Furnace Revamp Project
- DSC R01 Refractory Liner Revamp Project
- DSC R02 Elect. Furnace, Material Supply with Labor
- (VN) FHS Converter Furnace Refractory EPC Project

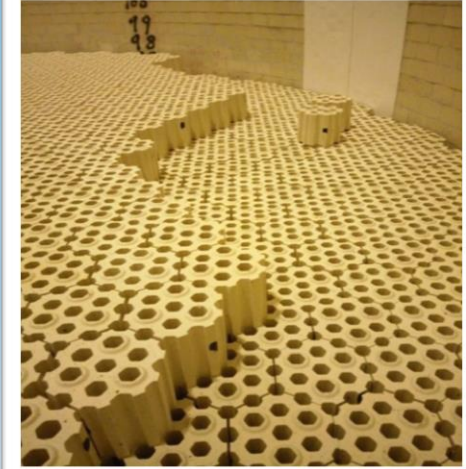
Refractory Engineering



Furnace Liner Revamping



Air-heating Furnace



Reheating Furnace



Blast Furnace





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 2020: Major On-going Projects

- CSC Group On-site Maintenance
- CSC RMTP & Recycling Plant Operation
- CSC Industrial Waste Water Treatment Plant O&M
- DSC Industrial 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



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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



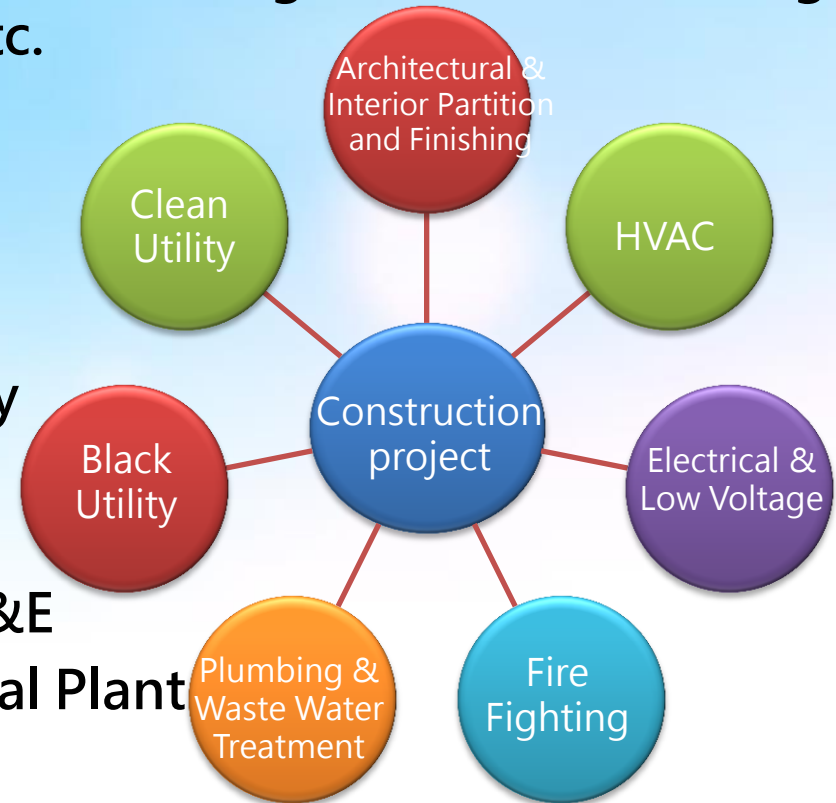


Biotech & Food Engineering

- Biotech construction of whole plant provides complete service for (1) design (2) commissioning (3) liability test, etc.

◆ During 2020: 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



Biotech & Food Engineering



TaiMed Biologics



Formosa
Laboratories, Inc.



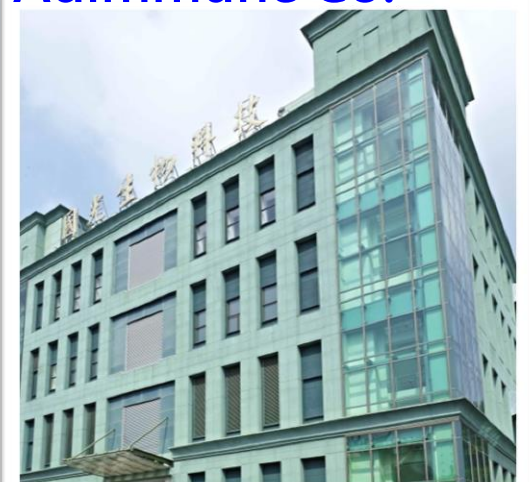
Caliway
Biopharmaceutical Co. Virbac



Virbac

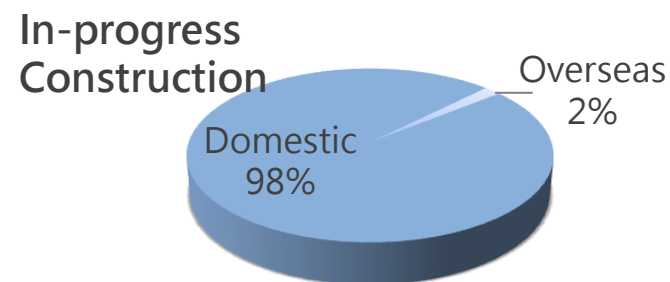
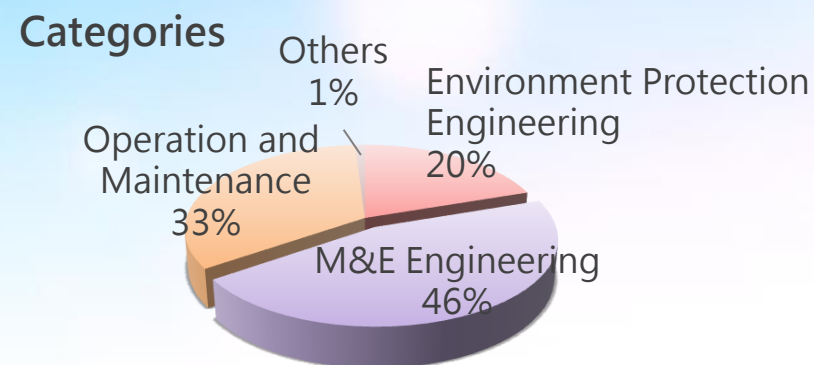
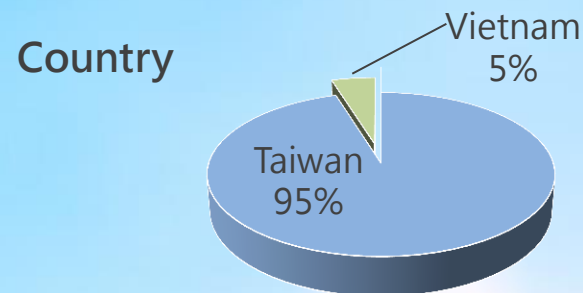
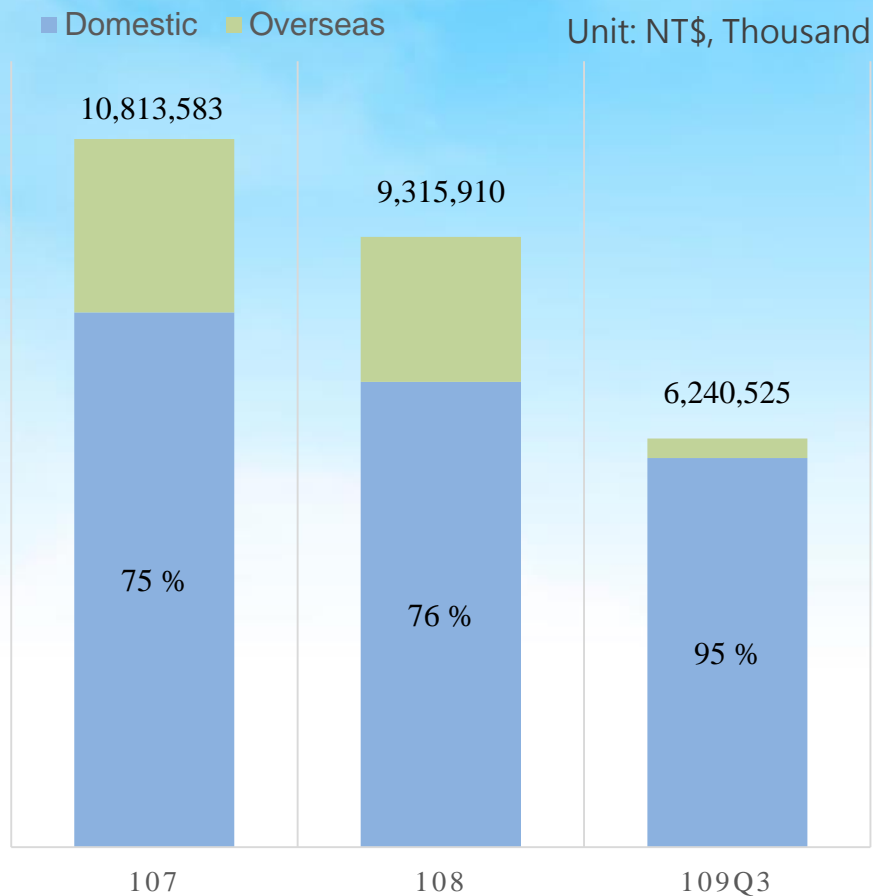


Adimmune Co.



2. Financial Highlight

Financial Highlight- Sales Distribution(2020 Q1~Q3)



Construction contracts were signed but not yet recorded on 30th, September, 2020 is 10,374,125 (NT\$, Thousand) **18**

Financial Highlight– Consolidated Income Statement (2020 Q1~Q3)

Unit: NT\$, Thousand

	2020/01/01-09/30		2019/01/01-09/30		YOY
Sales Revenues	6,240,525	100%	7,076,555	100%	-12%
Operating costs	5,879,965	94%	6,682,466	95%	-12%
Gross Profit	353,442	6%	380,060	5%	-7%
Operating expenses	323,032	5%	359,953	5%	-10%
Operating income	30,410	1%	20,107	0%	51%
Total non-operating income	123,042	2%	94,857	2%	30%
Profit before income tax	153,452	3%	114,964	2%	33%
Income tax expense	23,695	0%	28,343	1%	-16%
Profit for the period	129,757	3%	86,621	1%	50%
Total basic earnings per share	1.05		0.70		

*Above finance data have been reviewed by accountant.

Financial Highlight– Consolidated Balance Sheet (2020 Q3)

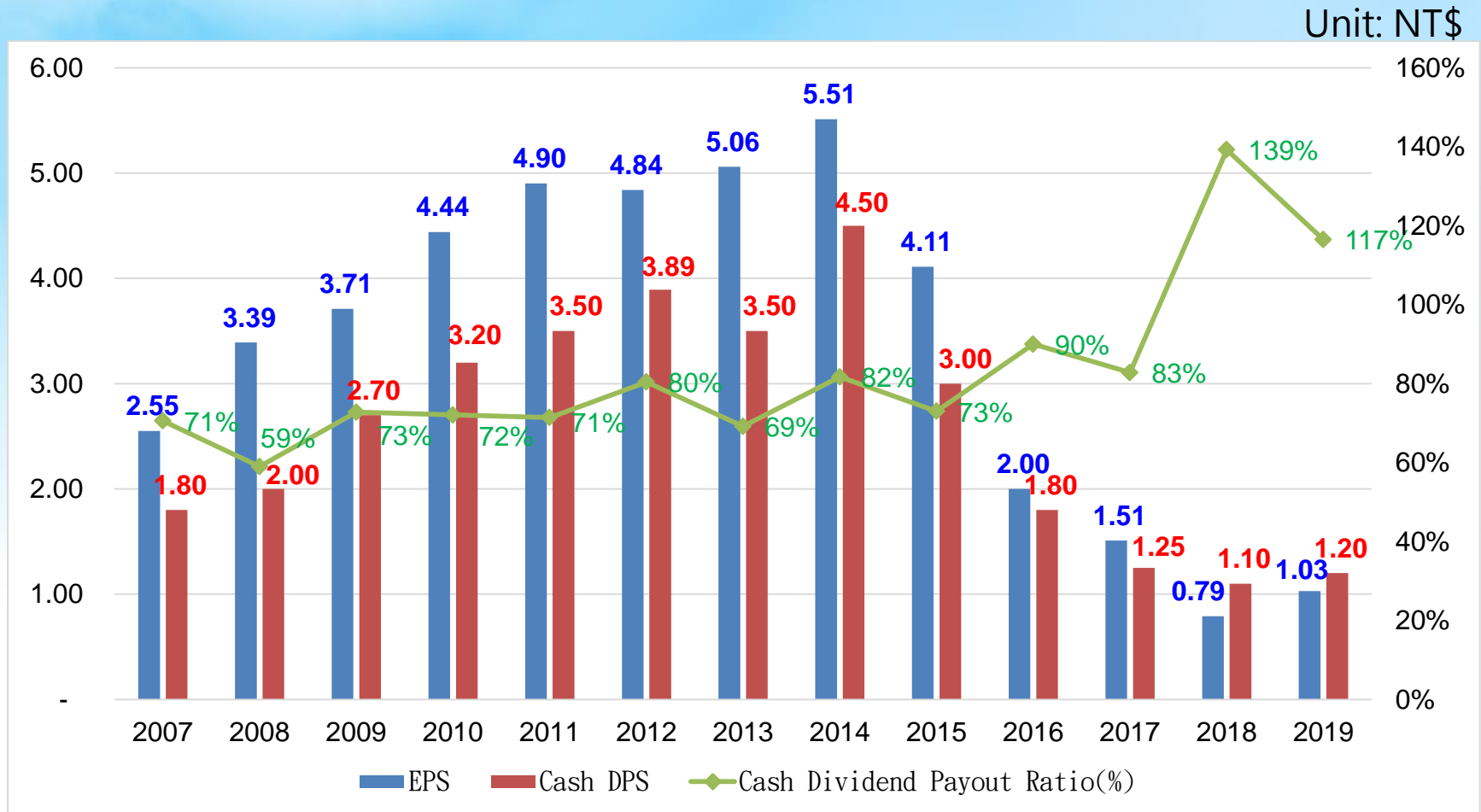
Unit: NT\$, Thousand

	2020/9/30		2019/9/30	
Current assets	4,471,660	74%	5,084,340	78%
Non-current assets	1,534,044	26%	1,464,824	22%
Total assets	6,005,704	100%	6,549,164	100%
Current liabilities*	2,662,147	45%	3,130,185	48%
Non-current liabilities	442,302	7%	464,507	7%
Total Liabilities	3,104,449	52%	3,594,692	55%
Total equity	2,901,255	48%	2,954,472	45%
Total liabilities and equity	6,005,704	100%	6,549,164	100%

* "Contract liabilities-current" NT\$1.24B

Above finance data have been reviewed by accountant.

Financial Highlight–Dividend Payout



3. Future Prospects

Future Prospects

Future Prospects
Strategy Focus
Action Plan

Company Vision

Steady Operation with Continuous Innovation
Provide All-around Engineering Service

Business Strategy

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

Upgrade Engineering Management Efficiency

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

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.

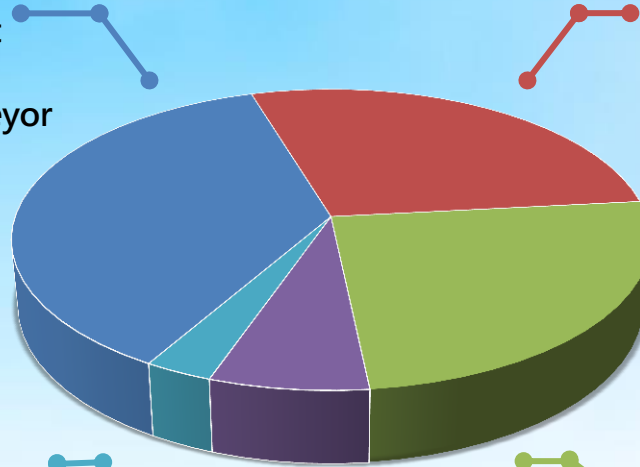
Future Operation & Business Opportunities

01 M&E Engineering

- CSC Coke Plant Revamp Project
- CSC Stock-yard & Conveyor system Revamp, 1.4 coke conveyor & handling system
- CSC coal sample preparation
- CSC CDQ: Cooling Tower, Conveying line, EP

02 Green Energy & Environmental Protection Engineering

- CSC TG9、TG10 Project
- CSC PV Project
- Waste Water Treatment Revamp
- Air Pollution Control FGD&SCR System and Dust Control Equipment Revamp Project



05 Biotech & Food Engineering

- National Biotechnology Research Park, Taipei Nei-hu Technology Park, New Taipei City Industry Park
- Hsinchu Science and Industrial Park
- Central Taiwan Science Park,
- South Smart Biotech Medical Cluster
- Ping-tung Agricultural Biotechnology Park

04 Refractory Engineering

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

03 Operation & Maintenance

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

Thank you

Q&A

