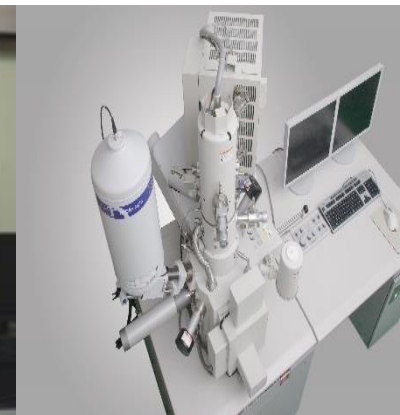
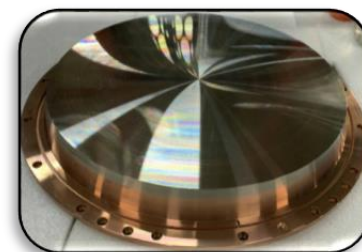
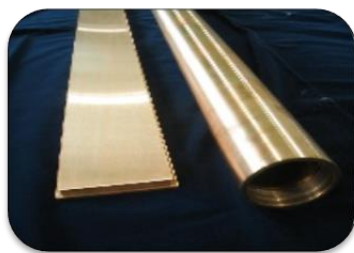


## 2022 Investor Conference



股票代號 Stock Code : 3663

# Table of Contents

I. Company Profile	4
II. Competitive Advantages	5
III. Production Tech. & Application	6
IV. Operational Overview	8
V. Financial Performance	10
VI. ESG Executive Status	11
VII. Future Prospects & Opportunities	14

# Safe Harbor Statement



This presentation may contain forward-looking statements. All statements other than historical and current fact, without limitation, including business outlook, predictions, estimates, are forward-looking statements. Such statements are based upon management's current beliefs and expectations and are subject to various risks, uncertainties and other factors that could cause actual outcomes and results to differ materially.

We caution readers not to place undue reliance on forward-looking statements as these statements speak only as of the date they are made, and we disclaim any obligation to, update or alter any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law or regulation.

This cautionary statement is applicable to all forward-looking statements contained in this presentation.

# I. Company Profile

## -Industrial Material Business



CSC Group

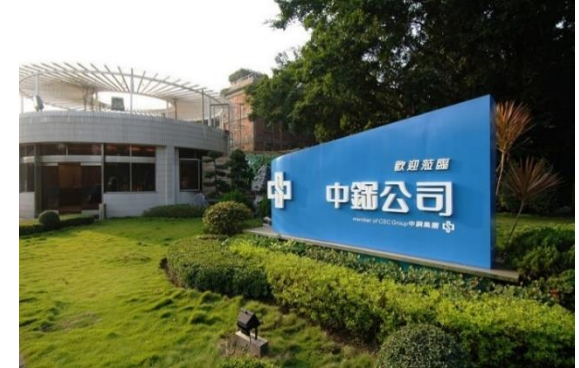
Steel Business

Engineering Business

Industrial Materials  
Business

Trading & Logistics  
Business

Services & Investments  
Business



TTMC belong to Industrial materials business group, **focusing on opt-electric sputtering targets**. The market territory includes Taiwan, China, Japan, Europe and USA.

## II. Competitive Advantages -Certification

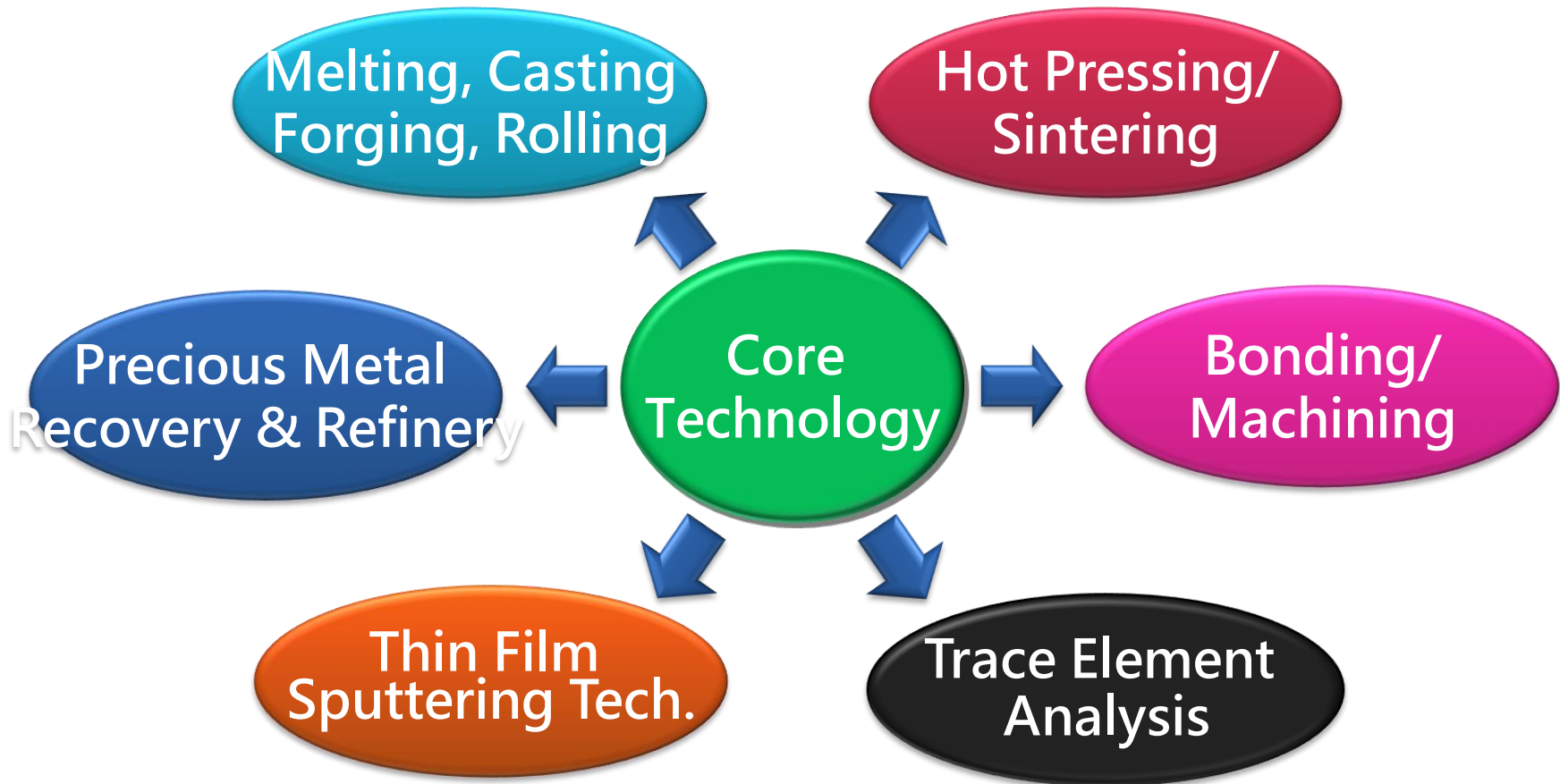


Item	Description
Quality Management System	ISO 9001, IECQ-QC 080000, ISO 17025
Occupational Health and Safety Management System	ISO 45001, ISO 14001
Authorized Economic Operator	AEO
Certified Products	<ul style="list-style-type: none"> <li>(1) <b>EMI sputtering targets</b> qualified for <b>NB</b> and <b>smart phones</b>.</li> <li>(2) <b>Dielectric targets</b> for Blu-ray disc.</li> <li>(3) <b>Al/ Mo/ Cu rotary targets</b> certified for generation 8.5 TFT-LCD, being the first supplier in Taiwan.</li> <li>(4) <b>Cu, SUS, NiV, Ti, Ag, Au, AlCu sputtering targets</b> qualified by <b>SEMI customers</b>.</li> <li>(5) <b>Ag 、 Ni 、 NiV 、 Ti 、 Sn slugs</b> qualified by <b>SEMI customers</b>.</li> <li>(6) <b>Nickel alloy pickling C-hook</b> qualified by customer.</li> <li>(7) <b>Biomedical composite materials</b> qualified by customer.</li> </ul>



# III. Production Tech. & Application

## -Core Technology

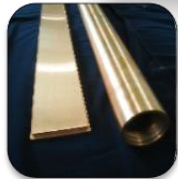


TTMC features core technologies for developing and manufacturing high purity, efficiency targets, meeting customers' requirements.

# III. Production Tech. & Application

## -Product mix

### Sputtering Target Products



#### Display/Touch Panel

(planar/rotary type, **Al**, **Mo**, **Cu**, **Ti**)



#### Optical Storage

(**Ag**, ZnS, TRA-, TRB- series...)



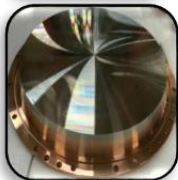
#### Quartz Crystal/Passive component

(**Ag**, Ag/Ni-alloy)



#### Tool /Decorative/Function Coating

(Ag,Al, Cu, Ti, Ni-alloy)



#### Semiconductor Industry

(Al-Cu, Ti, Cu, **Ni**V, Ag, WTi, SUS, Sn)

### Specialty Alloys Products



#### Consumed Parts of Sputtering Equipment

(Taiko ring, sliding plate)



#### Ni-base Superalloys

(TA-007, TA-008, TA-009)



#### Biomedical Materials

(Al-matrix composite)



#### Ti-consumer Products

# IV. Operation Overview

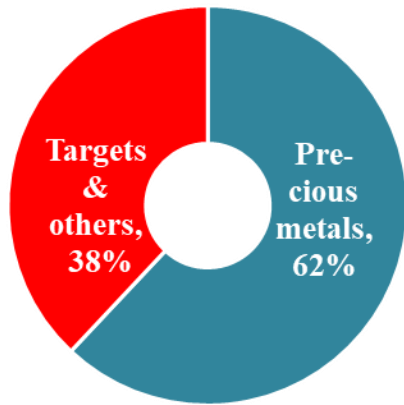
## -Sales Revenue by Product



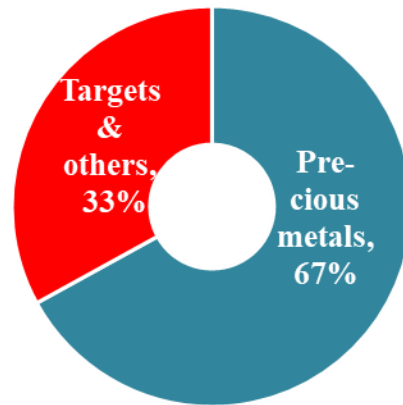
2019



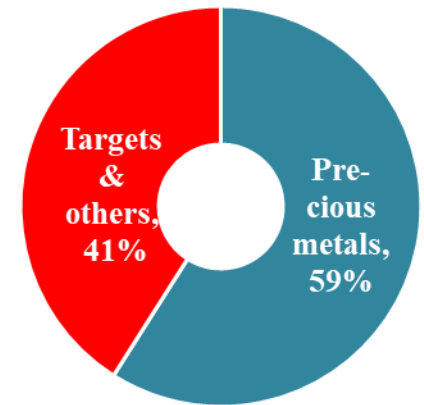
2020



2021



2022 Q1~Q3



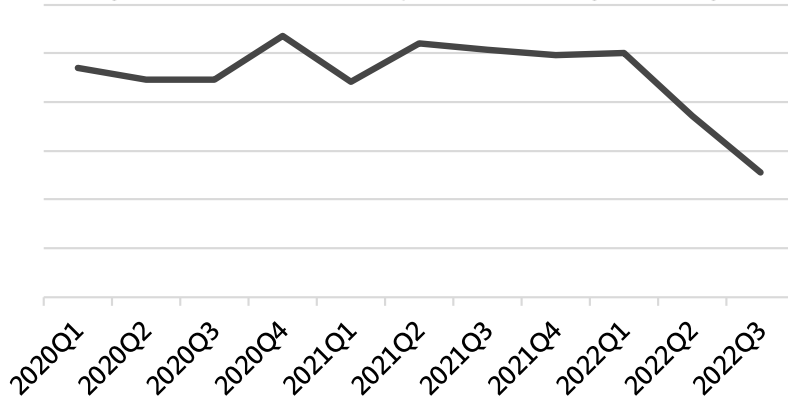
To optimize the product mix, the company is dedicated to raise the ratio of high profit products (HPT). Such ratio is increased from 2018 to 2020, but decreased in 2021 year, due to the dual height of price and selling amount of Ag. The HPT ratio is increased to 41% due to the dual drop of price and selling amount of Ag this year.



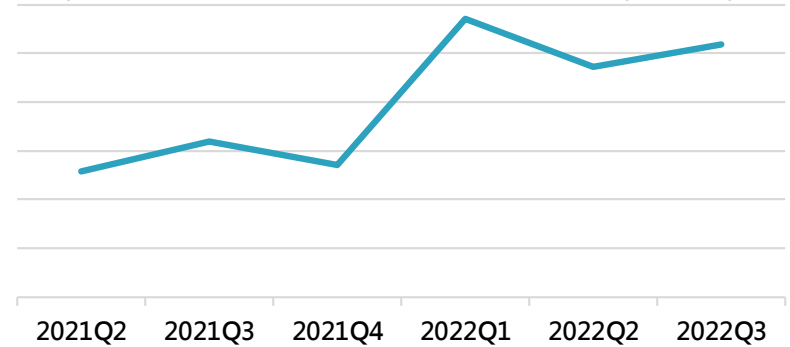
# IV. Operation Overview

## -Sales of Major Products

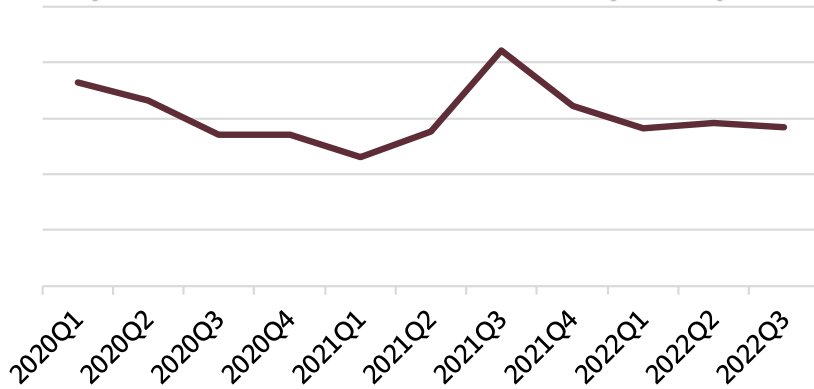
Target for display -selling weight



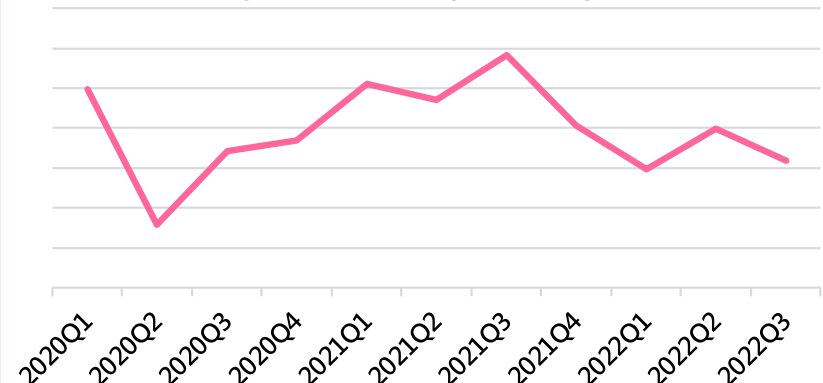
Target for semiconductor -selling weight



Target for ODS media -selling weight



Ag -selling weight



The sale of targets for display drops significantly due to the impact of the economic environment this year. But targets for semiconductor continue to grow up.



CSC GROUP

# V. Financial performance

## -Income Statement(Consolidated)



Unit : NTD thousand (except EPS)

Items	For the 9 months ended Sep. 30,2022	For the 9 months ended Sep. 30,2021	Increased (decreased) Amounts	Increased (decreased) Percentages
Operating Revenue	2,022,364	2,314,481	-292,117	-13%
Operating Costs	1,840,107	2,147,763	-307,656	-14%
Gross Profit	182,257	166,718	15,539	9%
Gross Margin	9%	7%	2%	29%
Operating Expenses	111,031	102,692	8,339	8%
Operating Profit	71,226	64,026	7,200	11%
Non-Operating Income and Expenses	21,238	-8,089	29,327	363%
Operating profit Before Tax	92,464	55,937	36,527	65%
Net Income(Losses)	72,821	45,141	27,680	61%
Net Income Margin	3.60%	1.95%	1.65%	85%
Earnings Per Share	0.99	0.61	0.38	62%

The continued optimization of production and selling activities contributes to the profit of company. Both the gross profit and margin till Q3 are better than that in last year.



CSC GROUP

# VI. ESG Executive Status



## -ESG Future Goals

### **E** Environmental

- Integrating the profit of resource recycling, the 6% reduction of carbon emission density by 2025 is aimed.
- Through energy saving from process and facilities, the 6% reduction of energy intensity by 2025 is aimed.
- To link customers and raw materials suppliers for the recycling and reuse of precious metals (Au/Ag) and high purity Cu.
- To establish ISO-14064 GHG Emissions Inventories and Verification.
- To construct ISO-50001 energy management system.

### **S** Social

- To attend the island-wide charitable and community welfare.
- To implement the career training for middle-aged and senior-aged employers for constructing the age-friendly workplace to gain the irreplaceable manpower.
- To develop the bio-materials for advanced cancer therapy medical instrument for promoting such high-end instrument.

### **G** Governance

- To consolidate the corporate governance and keep the ranking result being rank 2 .
- To publish the sustainability report.
- To link the guidelines of TCFD and SASB for disclosing the sustainability related information.
- To enhance the Cyber-security Awareness(CSA) and implement the CSA training for zeroing Cyber-security event.

# VI. ESG Executive Status

## -ESG executive summary



### Environmental

- The drops of carbon emission density (12.6%), energy intensity (10.3%), and water resources (18.1%) fulfill the ESG short-term targets.
- To Execute the ISO-14064 GHG Emissions Inventory.

### Social

- To take care the underprivileged minority, engagement of the disabled people and concern of Asset Limited, Income Constrained, Employed has been carried out.
- To join social welfare activities, such as purchase over-production pomelos and sheltered workshop' s cakes, sizihwan bay beach cleanup, 2022' s Beep Baseball game.

### Governance

- Continuously locates in the second ranking range (6%-20%) in all TWSE/TPEX-listed companies-2021 Corporate Governance Evaluation Results in Taiwan.
- To report the operation risk survey to Board and publish 2021 Sustainability Report.



# VI. ESG Executive Status (Cont.)



CSC GROUP





# VII. Future Prospects & Opportunities

## -Operation Strategy

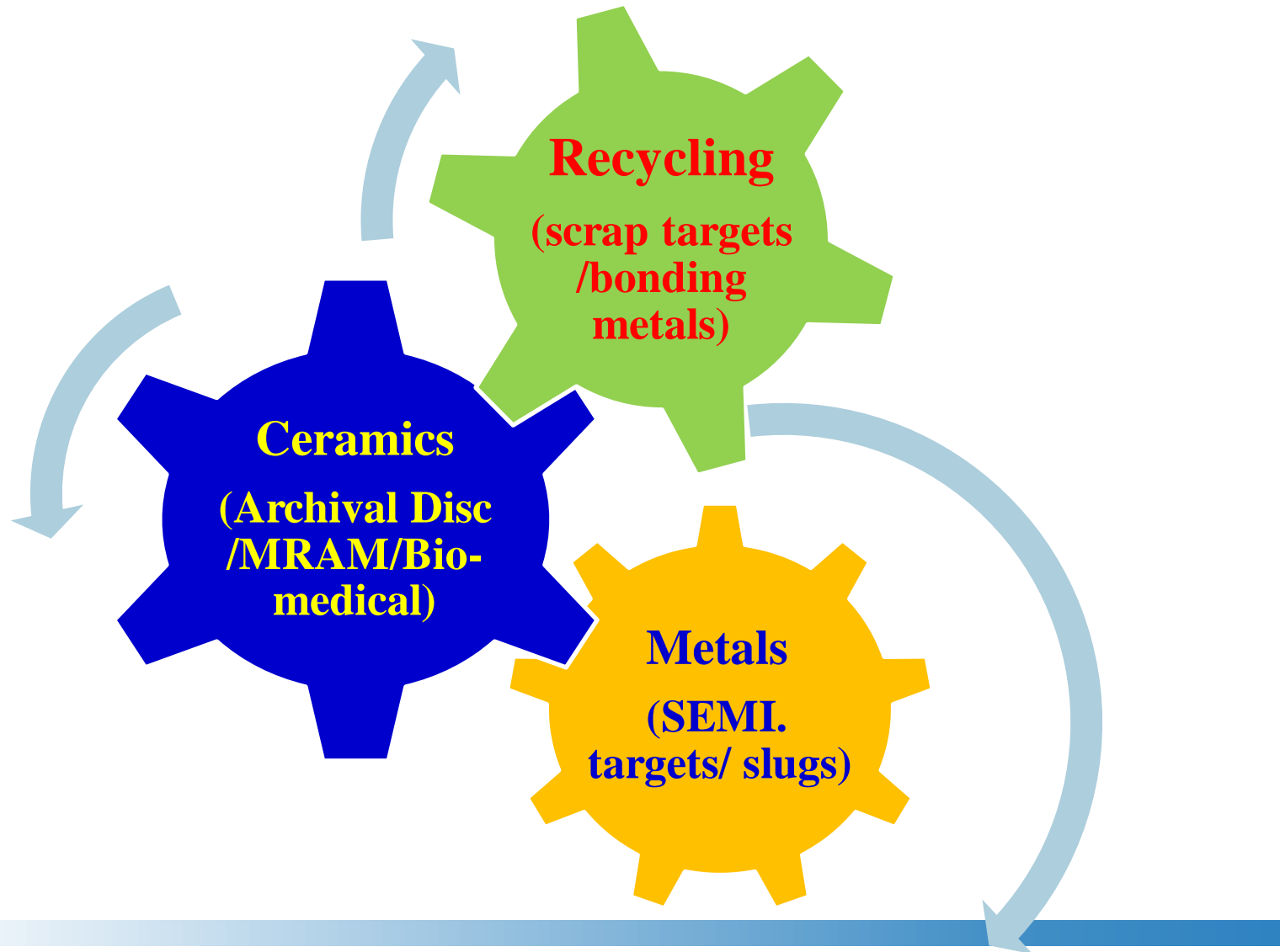
- 1 • To realize Lean Management for raising management efficiency.
- 2 • To develop smart manufacturing, short chain production technology for energy saving and carbon reduction.
- 3 • To improve production skill of opt-electric sputtering targets for consolidation and extension of business
- 4 • To develop high end targets for semiconductor and 5G communication industries.
- 5 • To establish the recycling and reuse skills of used targets for securing key raw materials



CSC GROUP

# VII. Future Prospects & Opportunities

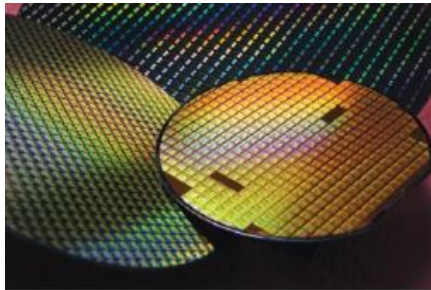
## -strategy canvas for product developments



## VII. Future Prospects & Opportunities -Semiconductor Target

- Advanced 3D-IC fabrication process is composed of three major ends, including FEOl (Wafer level IC fabrication), MEOl (Wafer thinning), and BEOl (Wafer level packaging).

IC fabrication



Wafer thinning



IC packaging



- Targets for BEOl packaging and MEOl wafer thinning are mass-produced .
- Targets for FEOl IC manufacturing and compound semiconductors are undergoing verification.
- The ratio of SEMI sputtering targets and slugs is continuously increased. The selling ratio of SEMI products is over 16% this year, around 20% higher than that last year.

Thanks for  
your  
attention