



柏騰科技  
Paragon Technologies

Paragon (3518TW)

# Investor Conference

2024 / 8 / 26

# Limiting responsibility

- The predictive information mentioned in this briefing report and related information, such as outlook of operating, financial performance and business forecasts, is the gathered information from company internal data and the existing status of external economic development.
- The actual operating outcomes, financial performance, and business achievements of the company in the future may differ from predictive information. The causes may include but are not limited to market demand, policies and regulations, the alter of total economic conditions, and other Risks and factors beyond our control.
- The information provided in this briefing reflects the company's views on the future so far, and does not express or imply express or guarantee its correctness, completeness or reliability. For the content of the briefing, the company is not responsible for updating or revising if there are any modifying or adjustments in the future.

# 大綱

## CONTENTS

01

公司簡介 Company Overview

02

財務資訊 Financial Information

03

SiC新廠進度報告  
progress report For advanced SiC factory

04

資訊交流 Q&A



# Company Overview

## Paragon<sub>(3518TW)</sub>

Paragon was established in 1995 as the world's first company to apply vacuum sputtering thin film technology to EMI/ESD solutions for 3C products. It is also the first vacuum sputtering technology company listed on the Taiwan Stock Exchange company.

- ◆ Establishment : 1995.10.20
- ◆ Capital : NTD 960 Million
- ◆ Chairman : Mr. Kenny, huang
- ◆ Assistant General manager : Ms. Cathy, Yu
- ◆ Main of products :
  - EMI 〈 Electromagnetic Interference 〉 – 95%
  - PVD appearance coating– 5%

# About Paragon



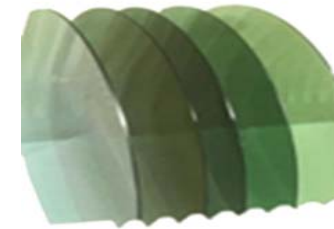
## Taiwan HQ & RD Center

- Established: 1995 year
- Capital: 960 million (NTD)



## EMI sputtering & PVD appearance coating

- Suzhou Factory (3C)
  - Nanjing Factory / Neijiang Factory (EMI)
- The leading company of EMI suppliers in Notebook Market, 50% of market share, Annual shipments of 50 million.



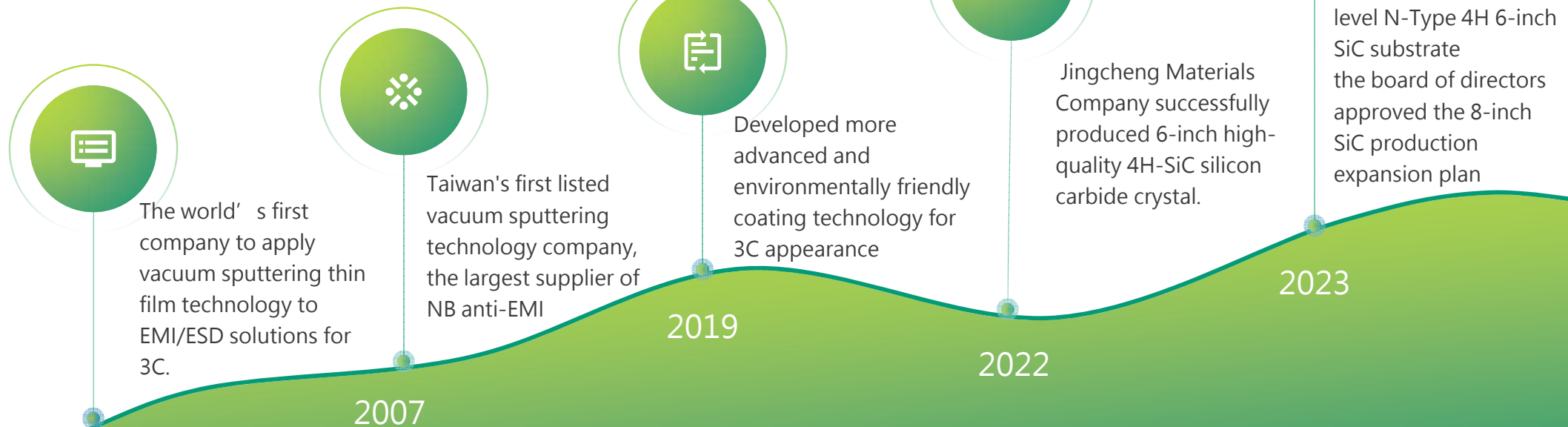
## Silicon carbide products

- Nankan Factory (2023.1)
  - Chiayi Factory (building)
- 6 ~8 inches Silicon Carbide (SiC) Wafer

# Development history

As the world's first company to apply vacuum sputtering thin film technology to EMI/ESD solutions for 3C products. The leading company of EMI suppliers in Notebook Market, 50% of market share.

In 2022, it will acquire Jingcheng Materials, which owns SiC (silicon carbide) wafer production technology.



1995

2007

2019

2022

2023



# Financial Information

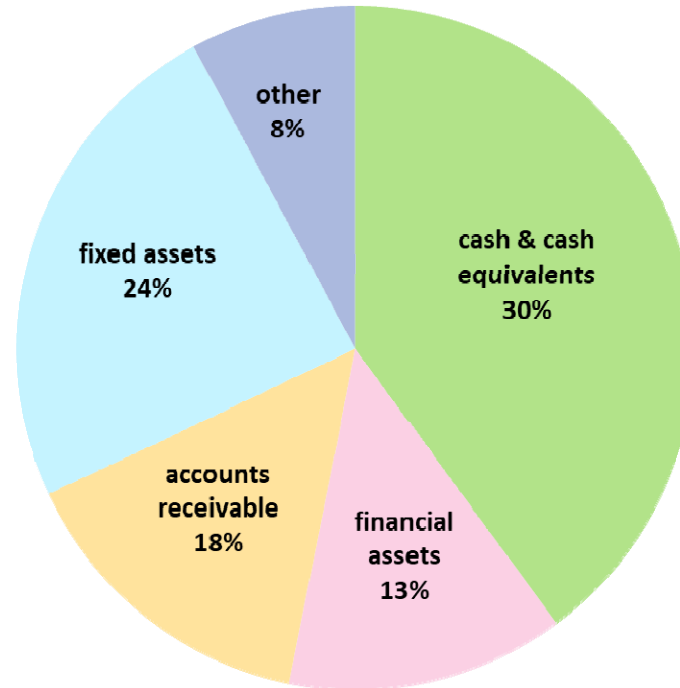


# Q2 24' Consolidated Balance

Unit in NT\$ Million

	2024.6.30	%	2023.12.31	%	2023.06.30	%
cash& cash equivalents	684	40	801	51	596	34
Financial assets-current&noncurrent	226	13	58	4	472	27
Notes and accounts receivable	255	15	279	18	263	15
Inventories	19	1	22	1	4	0
non-liquid asset in suspense	23	1	25	2	23	1
Fixed Assets & Right-of-use asset	413	25	314	20	314	18
Other Assets	94	5	63	4	101	5
<b>Total Assets</b>	<b>1,713</b>	<b>100</b>	<b>1,561</b>	<b>100</b>	<b>1,773</b>	<b>100</b>
Short-term loans & current portion of longterm loans payable	230	13	194	12	124	7
other payables	69	4	72	5	132	7
long-term debt payable	46	3	5	0	7	0
other liabilities	202	12	64	4	82	5
<b>Total Liabilities</b>	<b>548</b>	<b>32</b>	<b>336</b>	<b>21</b>	<b>344</b>	<b>19</b>
<b>Total Owners' Equity</b>	<b>1,165</b>	<b>68</b>	<b>1,226</b>	<b>79</b>	<b>1,429</b>	<b>81</b>
<b>Net Worth Per Share</b>	<b>13.86</b>		<b>14.59</b>		<b>17.70</b>	

# Q2 24' Financial Structure



ITEM	2024.Q2	2023	2022	2021	2020
Debt Ratio	31.97	21.49	16.30	24.54	37.12
Current Ratio	345.58	395.27	606.50	377.86	185.25
Cash flow Ratio	(4.44)	(17.17)	63.32	31.54	(1.05)

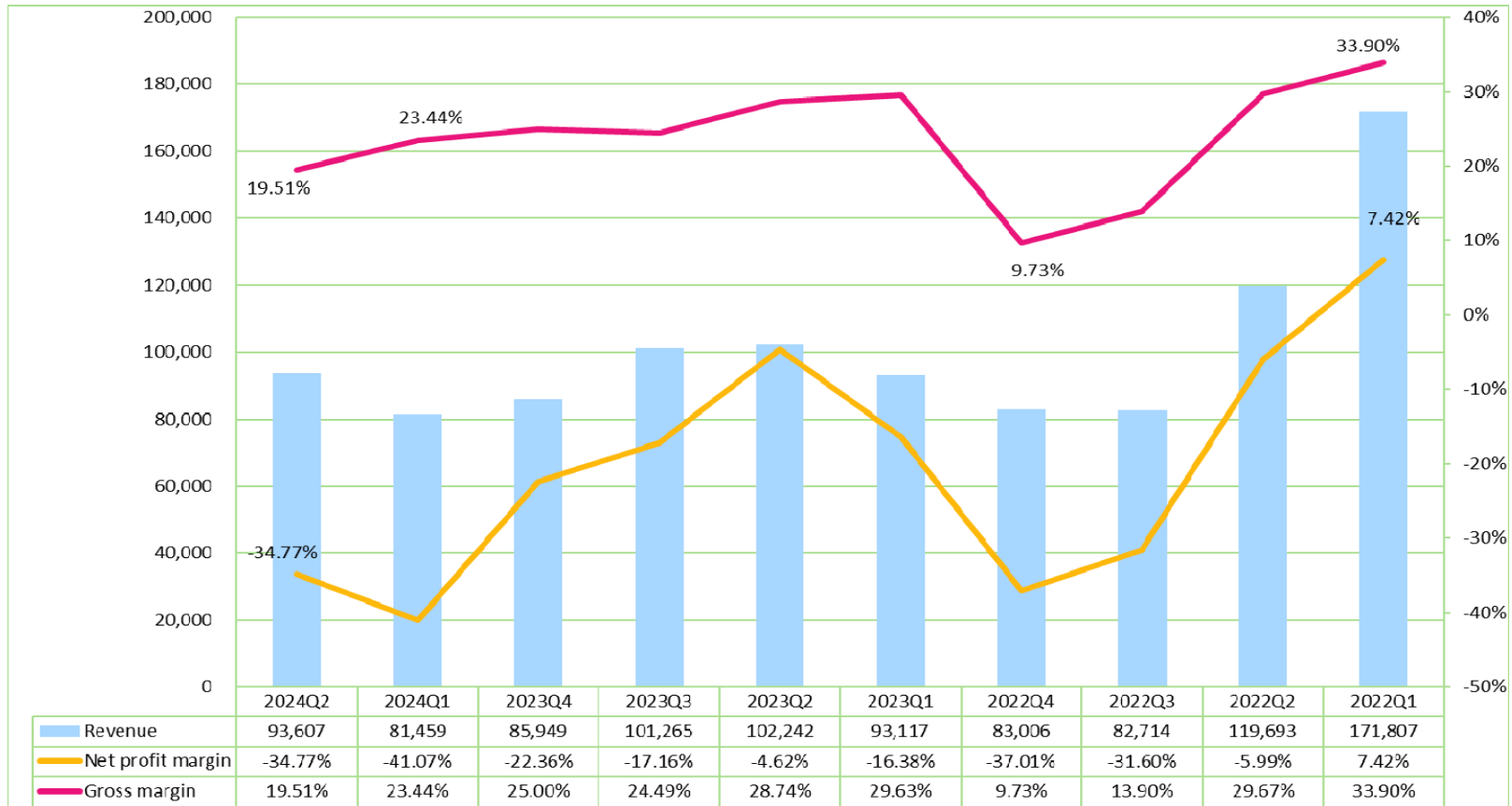
# 2024Q2 Consolidated income statement

Unit in NT\$ Million

ITEM	2024Q2	2024Q1	QoQ%	2023Q2	QoQ%
operating revenue	94	81	15	102	(8)
Gross Profit	18	19	(4)	29	(36)
operating expenses	51	53	(3)	33	53
Operating Profit	(33)	(33)	3	(5)	(589)
non-operating revenue and expenses	3	7	( 55 )	2	32
Pre-Tax Income	(30)	(27)	( 10 )	(2)	(1103)
income tax expense	16	20	(20)	1	(1361)
Net Income	(46)	(47)	(3)	(1)	(3756)
Gross margin(%)	20	23		28	
Net profit margin(%)	(49)	(58)		(1)	
Earnings Per Share <sub>(Dollar)</sub>	(0.55)	(0.57)		0.00	

# Revenue 、 Gross margin & Net profit margin

Unit in NT\$ Million



# Q2 24' Consolidated Cash Flow

Unit in NT\$ Million

	2024 ended June 30	2023 ended June 30
Cash provided by (used in) operating activities	(16)	6
Cash provided by (used in) investing activities	(216)	(307)
Cash provided by (used in) financing activities	93	40
Effects of exchange rate change on cash	22	(29)
Net increase (decrease) in cash and cash equivalents	(117)	(290)
Cash and cash equivalents at beginning of year	801	886
Cash and cash equivalents at end of year	<b>\$684</b>	<b>\$596</b>

# Important matters

- ◆ The first domestic guaranteed convertible corporate bond received full debt payment ° (113.8.13)
- ◆ Invested NT\$600 million in Jingcheng Materials Company ° (113.8.09)
- ◆ Jingcheng SiC new plant production equipment purchase NT\$270 million ° (113.8.09)
- ◆ Appointed Ms. You Xiuping as general manager ° (113.8.09)
- ◆ Cash capital increase: full payment received and capital increase base date ° (113.7.10)
- ◆ The shareholders' regular meeting re-elected 7 directors, and the board of directors unanimously elected Mr. Huang Yijun as chairman.(113.6.18)
- ◆ The board of directors approved the annual cash capital increase and the issuance of the first domestic guaranteed convertible corporate bonds.(113.3.13)
- ◆ The company's registered address has been moved to "No. 2, Lane 108, Section 1, Nanshan Road, Luzhu District, Taoyuan City"(113.01.25)
- ◆ Jingcheng SiC' s new plant purchased production equipment for NT\$160 million.(113.01.25)

詳情請參閱柏騰公司網站 (<https://www.pttech.com.tw>) 最新消息公告及公開資訊觀測站(<https://mops.twse.com.tw>) 重大訊息公告。



# progress report For advanced SiC factory

# SiC investment plan

- ◆ budget: NT\$899.53 million (first phase)
- ◆ location: Chiayi Dapu Mei Intelligent Industrial Park
- ◆ Main products: 8-inch SiC wafer
- ◆ capacity: 3000PCS/month
- ◆ Maximum capacity: 6000pcs/month

## 2024H2 (building)

ISO9001及14001Passed/  
Pass target customer  
certification  
Building a new factory and  
equipment  
Introduction of advanced 8-  
inch crystal growth process  
equipment

## 2025 (Factory enabled)

Q1 factory completion  
acceptance/Q2 device move in  
completed/Q3 equipment trial  
mass production preparation/  
Q4 new factory officially  
launched/Develop non-  
automotive product applications  
/Annual production capacity  
4000pcs

## 2026 (first phases)

ISO16949 certification  
Passed target automotive  
customer certification  
Annual production capacity  
24,000pcs  
Sample delivery to European  
and American target  
customers  
Develop high-end power  
product applications

## 2027 (second phases)

Passed certification from major  
European and American  
automotive manufacturers  
Enter the brand car factory  
supply chain  
Annual production capacity  
36,000pcs  
Prepare for the second phase of  
expansion of the new plant  
Maximum annual production  
capacity 72000PCS



# competitive advantage

At present, there are still only a few manufacturers that mass-produce 8-inch SiC. The current market supply exceeds demand, and it will become a mainstream product in the market in the future.

The Jingcheng team has good relationships with SIC growth, wafer processing, epitaxy and compound semiconductor production, sales, R&D and supply, and can enter the market as soon as possible.



It has the competitive advantage of lower costs and can achieve profits earlier than its peers.

Directly import 8-inch mass production process equipment, shortening learning costs and lowering equipment investment costs.

Self-made crystal seeds, independent development of special key materials, and familiarity with processing technology of brittle and hard materials.

The complete crystal growth + processing process has better timeliness and quality capabilities than its peers, and shortens technology development time.



# 資訊交流

Q&A

# TRUE PARTNER FOR A BRIGHTER FUTURE

spokesman : Mingi Liu(CFO)

TEL : (03)212-8833

E-mail : [mingi@pttech.com.tw](mailto:mingi@pttech.com.tw)

