

碩禾電子材料股份有限公司 2019年第3季法人說明會

Nov. 22, 2019

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Safe Harbor Notice

- The statements of GSMC's current expectations included in this presentation are forward-looking statements subject to significant risks and uncertainties and actual results may differ materially from those contained in these forward-looking statements.
- GSMC undertakes no obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise.



Agenda

- > 基本資訊
- > 市場分析
- > 3Q19 營運成果
- > 3Q19營運總結
- > 市場展望
- > Q&A



基本資訊





合併架構

Giga Solar Materials Corp.

(3691)



100%

50.39%

100%

37.14%

100%

Whole Sun Green Power

Green Energy Electrode Yancheng Giga Solar Materials Giga Diamond Materials







Yancheng
Giga Diamond
Materials



太陽能供應鏈



Al / B-S Ag / F-S Ag Paste

GSMC (Al/B-SAg/F-SAg)

Competitors:

DuPont (B-S Ag / F-S Ag)

Heraeus (B-S Ag / F-S Ag)

Samsung(B-SAg / F-SAg)

Ruxing (Al)

Toyo (Al)









Multi C-Si Mono C-Si





Solar Cells



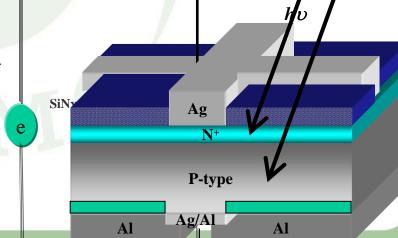


Downstream

Module Assembly



DownstreamSystem Integration





碩禾電子材料股份有限公司 GIGA SOLAR MATERIALS CORP.

漿料產品

單/多晶

660A、B 高阻/高拉力

Dual 530H/530I **660B-PF** 無網結

660A/B-K (K系列) 調整塑型

加走主王

TOPCon 920系列 DP

660B(D) 660B(U)

PERC

L 317 系列 L 220 系列

HJT

J380

Bifical

L 280 系列

660B-PF

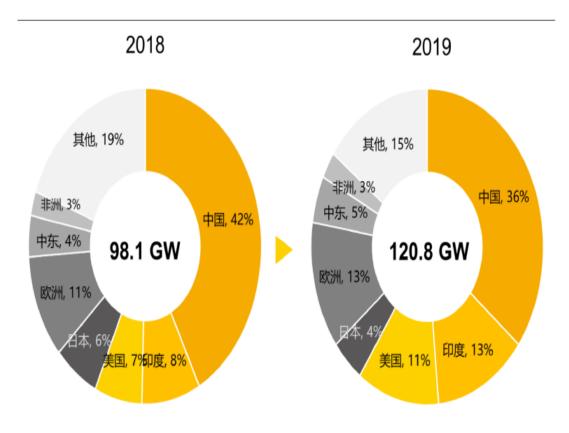


市場分析



全球市場需求分析

2018-2019年全球组件需求预估



- 去年底中国内需与出口都显着增加,总计 2018全年组件需求达到98.1GW。
- 2019年因为中国新政方向将改为竞价、PV InfoLink预估内需能到达43GW、但由于官 方依旧还未正式公布2019的新政策、因此后 续中国内需仍有不小的变数。
- 印度、美国、欧洲三大市场今年需求相比去年都进一步提升,部分新兴市场如巴西、埃及等也都可能较去年成长,整体海外市场动能明确。
- 综合目前已知的信息,2019年的全球需求上 看120.8GW,相较2018年增加了22.7GW, 成长约23%。
- 中国占全球的需求比重持续缩小,今年海外市场将占到全球约64%的比重。

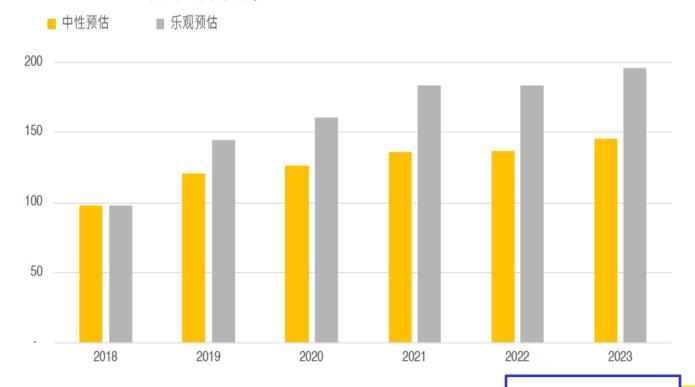
Source:



長期太陽能市場需求穩定向上

• 光伏需求逐年成长,且目前看来2020年也是许多国家的政策节点,整体需求从2019下半年到2020年都会是需求旺盛的期间。若以乐观值来看,2020全球需求就有望挑战150GW。随后也持续逐年上升。浆料的市场总值依旧持续提升。





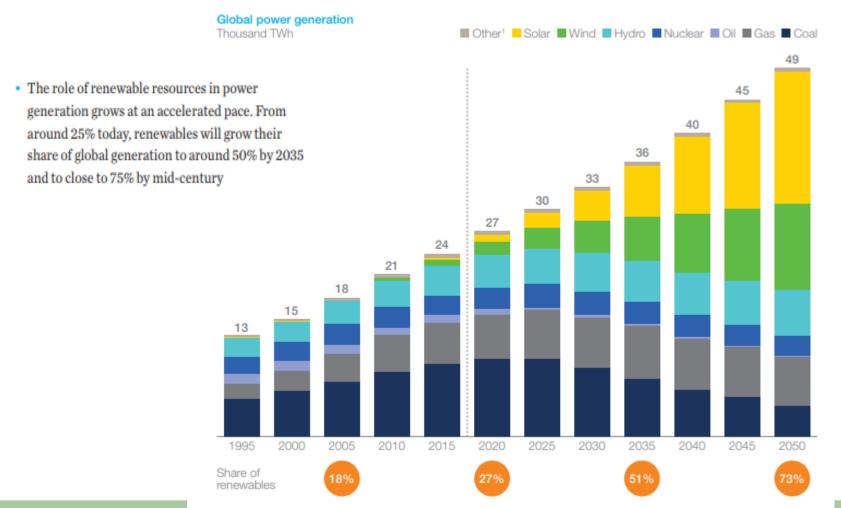
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麥肯錫公司發布《全球能源視角2019》

Renewable generation accounts for more than 50% of power supply post-2035, a clear trend break from historical fossil fuel-based generation





3Q19

營運成果





2019年第三季合併綜合損益表與前一季比較

(新台幣仟元)

Account	3Q19	%	2Q19	%	QoQ %
Net Sales	1,755,951	100.00%	2,097,157	100.00%	-16.27%
Gross Profit	228,116	12.99%	294,925	14.06%	-22.65%
Operation Income	11,171	0.64%	102,379	4.88%	-89.09%
Non-Operation Income (Loss)	26,857	1.53%	(210,498)	-10.04%	-112.76%
Income (Loss) Before Tax	38,028	2.17%	(108,119)	-5.16%	-135.17%
Net Income (Loss)	18,931	1.08%	(74,297)	-3.54%	-125.48%
Shareholders of the Parent	82,252	4.68%	(27,423)	-1.31%	-399.94%
Non-Controlling Interests	(63,321)	-3.61%	(46,874)	-2.24%	35.09%
EPS	1.31		(0.45)		

Remark: 1.The Financial statement of 3Q19 was un-audited.

2.Outstanding shares of 3Q19 and 2Q19 were 63,675K shares and 60,989K shares, respectively.



2019年第三季合併綜合損益表 與去年同期比較

(新台幣仟元)

Account	3Q19	%	3Q18	%	YoY%
Net Sales	1,755,951	100.00%	1,909,292	100.00%	-8.03%
Gross Profit	228,116	12.99%	138,381	7.25%	64.85%
Operation Income (Loss)	11,171	0.64%	(33,068)	-1.73%	-133.78%
Non-Operation Income (Loss)	26,857	1.53%	(392,367)	-20.55%	-106.84%
Income (Loss) Before Tax	38,028	2.17%	(425,435)	-22.28%	-108.94%
Net Income (Loss)	18,931	1.08%	(383,550)	-20.09%	-104.94%
Shareholders of the Parent	82,252	4.68%	(315,688)	-16.53%	-126.05%
Non-Controlling Interests	(63,321)	-3.61%	(67,862)	-3.55%	-6.69%
EPS	1.31		(5.24)		

Remark: 1.The Financial statement of 3Q19 was un-audited.

2.Outstanding shares of 3Q19 and 2Q19 were 63,675K shares and 60,989K shares, respectively.



合併資產負債表 2019.9.30

(新台幣仟元)

Account	2019.09.30	0/0	2019.06.30	0/0	QoQ%
Current Assets	7,187,006	55.52%	9,120,929	60.69%	-16.87%
Non-Current Assets	5,757,869	44.48%	5,908,101	39.31%	-2.20%
Total Assets	12,944,875	100.00%	15,029,030	100.00%	-11.39%
Current Liabilities	3,211,497	24.81%	5,149,665	34.26%	-25.65%
Non-Current Liabilities	4,215,538	32.57%	4,304,460	28.64%	-1.67%
Total Liabilities	7,427,035	57.37%	9,454,125	62.91%	-15.75%
Equity Attributable to Shareholders of Parent	4,828,721	37.30%	4,715,584	31.38%	2.46%
Non-Controlling Interests	689,119	5.32%	859,321	5.72%	-20.57%
Shareholders' Equity	5,517,840	42.63%	5,574,905	37.09%	-1.05%
Total Liabilities and Shareholders' Equity	12,944,875	100.00%	15,029,030	100.00%	-11.39%

Remark: 1.The Financial statement of 3Q19 was un-audited.

2.Outstanding shares of 3Q19 and 2Q19 were 63,675K shares and 60,989K shares, respectively.



碩禾電子材料股份有限公司 GIGA SOLAR MATERIALS CORP.

3Q19

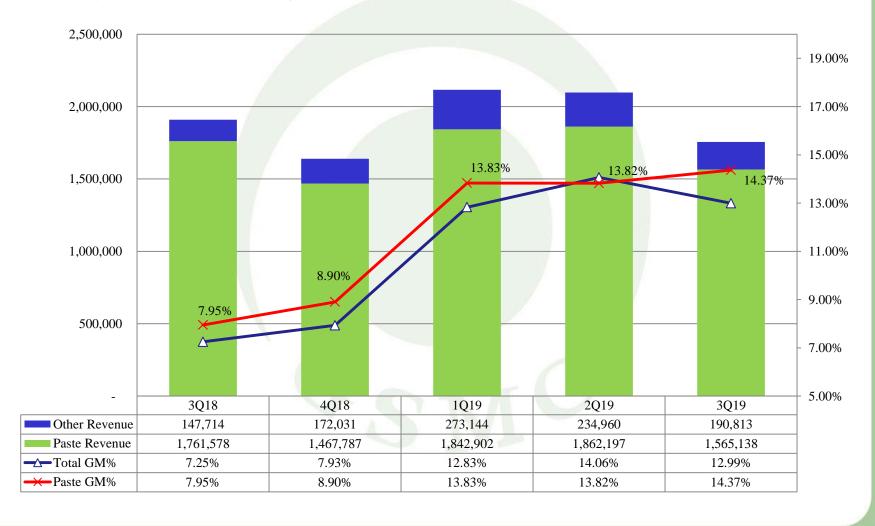
營運總結





合併季營收及毛利率

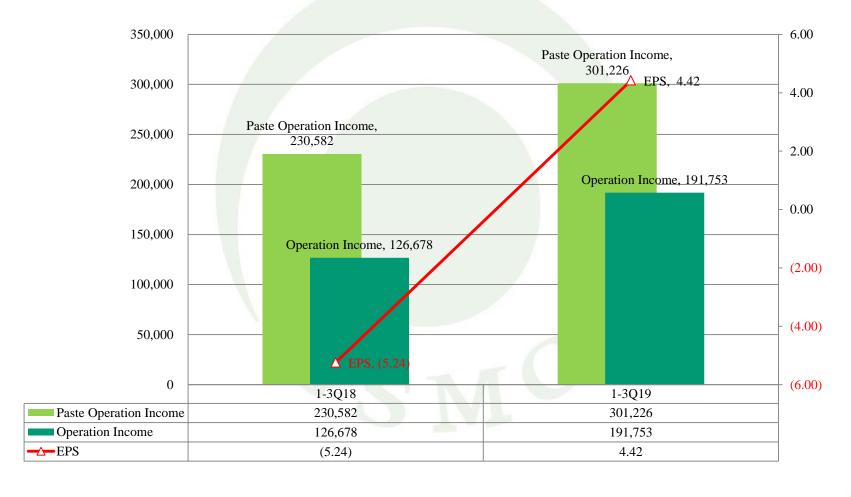
(新台幣仟元)





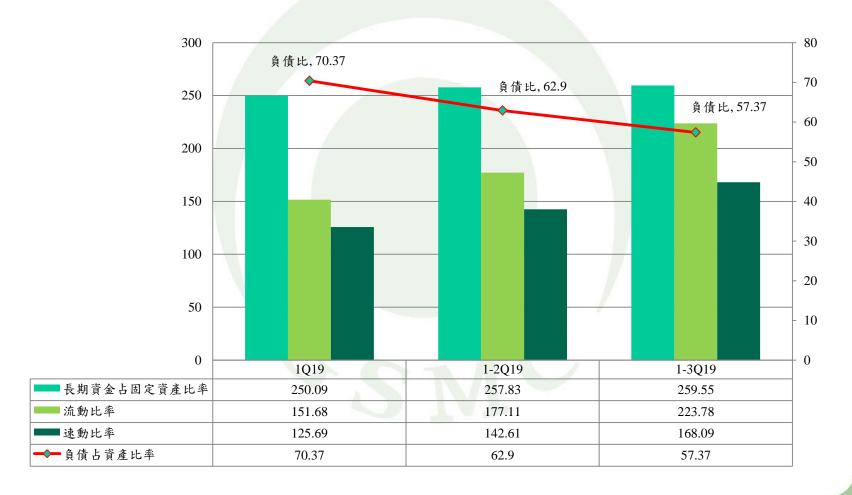
合併前三季營業利益及每股盈餘比較

(新台幣仟元)





財務比率比較









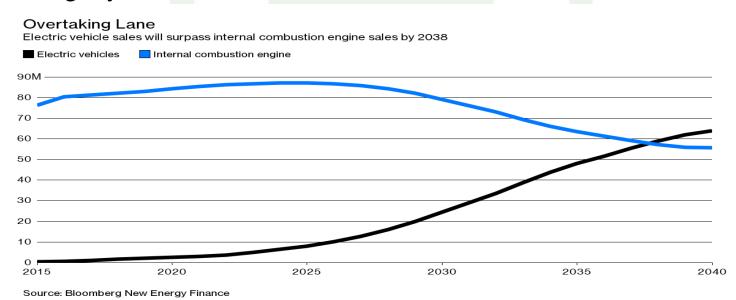
- > Paste-
 - •Continuously steady growth.
- > Solar Plant
 - Downsizing: sale of non-profit solar projects.
 - Keep the fixed income projects.

福島電廠	1-3Q19	1-3Q18	
認列投資收益 (NT:K)	62,033	55,730	

- > DW-
 - •Cost reduction continuously.
 - •Activating Strategies of the Fixed assets: Product improvement and R&D team enhancement.



- > Battery Material:
 - •FeLiPO4-Massive production
 - •Si Anode-Sample delivering
 - Target market: Electric vehicles, wearables devices, and energy storage systems.





> 交通部估投入300億元!目標2030年巴士全面電動化









Thank you for your attention!