



中美矽晶製品股份有限公司
Sino-American Silicon Products Inc.



SAS (5483 TT) Q320 Results Presentation

November, 2020

Spokesman: CW Lee, Vice President
TEL: +886-3-577-2233 EXT: 2291
Email: CWLee@saswafer.com



Disclaimer

This presentation has been prepared by Sino-American Silicon Products Inc. (the “Company”). This presentation and the materials provided herewith do not constitute an offer to sell or issue or the solicitation of an offer to buy or acquire securities of the Company in any jurisdiction or an inducement to enter into investment activity, nor may it or any part of it form the basis of or be relied on in connection with any contract or commitment whatsoever. Any decision to purchase securities in a proposed offering should be made solely on the basis of the information contained in the offering circular published in relation to such proposed offering, if any.

The information contained in this presentation has not been independently verified. No representation, warranty or undertaking, express or implied, is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or the opinions contained herein. The information contained in this document should be considered in the context of the circumstances prevailing at the time and has not been, and will not be, updated to reflect material developments which may occur after the date of the presentation. None of the Company nor any of its affiliates, advisors or representatives will be liable (in negligence or otherwise) for any loss howsoever arising from any use of this presentation or its contents or otherwise arising in connection with the presentation.



Executive Comments

1. COVID-19

Governments around the world have taken the opportunity to accelerate clean development by putting renewable energy at the heart of post COVID-19 recovery plans to catch up the delayed plans for green energy as well as economic recuperation.

2. Revenue performance

Semiconductor revenue from GlobalWafers contributed over 90% of its revenue, solar revenue share accounted for nearly 10%.

3. Outlook

- Encouraged by RE100 program and the emphasis of corporate ESG, the demand of renewable energy is growing significantly.
- Governments around the world have written into official policies, or put into law, to raise the usage of renewable energy by 2030.
- SAS strengthens strategic deployment in semiconductor industry via reinvestments.
 - ✓ ATC, AWSC - Seizing EV and 5G trends respectively.
 - ✓ TSC – Credible supplier of specialty gas for advanced semiconductor process beneficial for customers' BCP and reducing carbon footprint
 - ✓ Expedite Taiwan's compound semiconductor industry chain
 - ✓ Favorable for SAS' sustainable growth

Note:

1. FX Rate: NTD:USD = 29.1

Executive Comments

4. GWC

■ Q320

- Semiconductor market has remained largely resistant to global macroeconomic headwinds.
- Sequential improvement in revenue and shipment QoQ.
- Utilization
 - ✓ 8” – good
 - ✓ SOI – improving
 - ✓ 12” – hit an all-time record high on both EPI and Polished Wafers, demands for 12” advanced wafers are very strong.
- Accumulated cash flow from operations of NT\$ 9,411mn (US\$323mn) and cash*² of NT\$ 32,651mn (US\$ 1,122mn)*¹ reflect its correct operation strategy and emphasize the strength of its business model and financial moats.

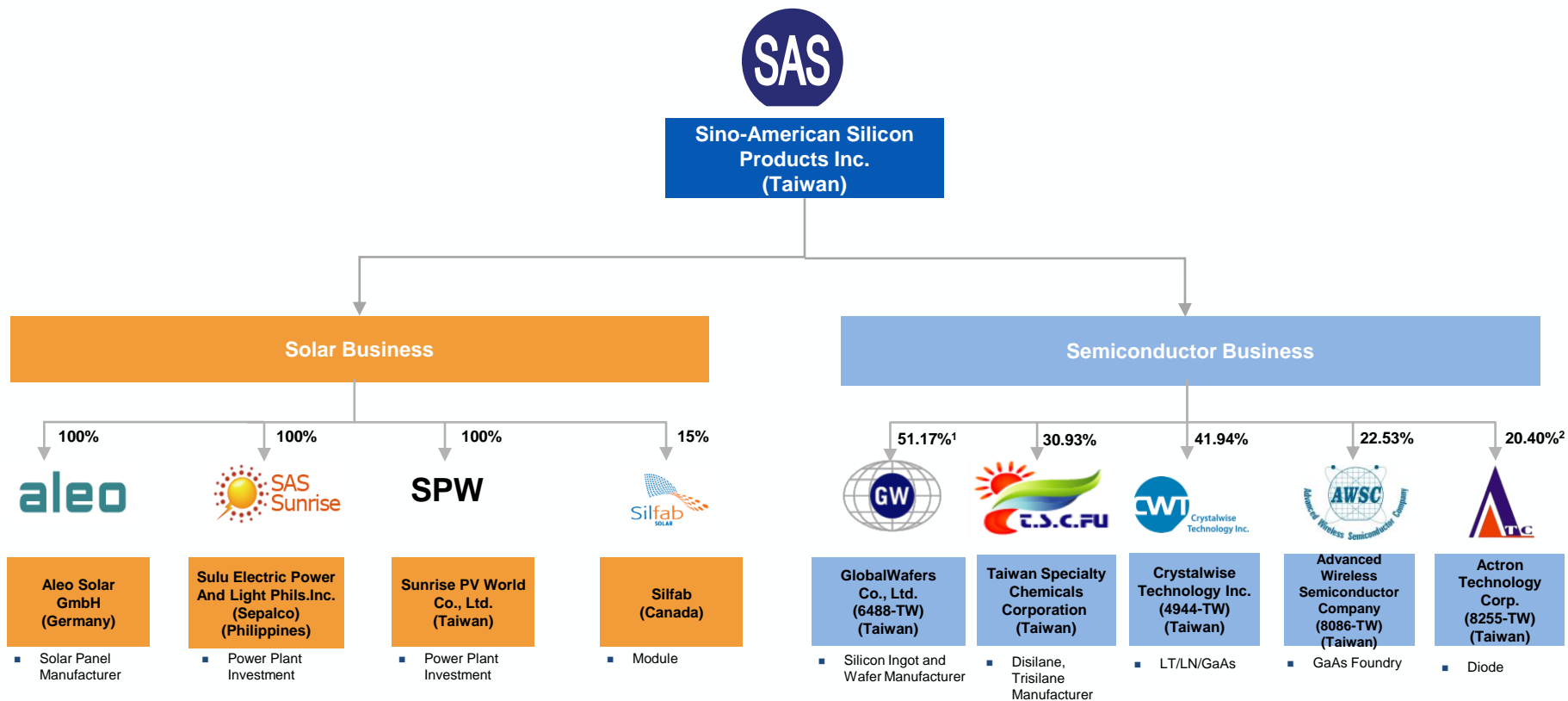
Note:

1. FX Rate: NTD:USD = 29.10

2. Cash = cash and the equivalent + restricted cash



SAS Group Structure



Note:

1. SAS' shareholding % of GWC : GWC shares held by SAS / GWC total outstanding shares deducting repurchased shares
2. The shareholding % of Actron Technology Corp. is as of End of September.



Synergy

Rationale for the Strategic Partnership

Rationale for the Strategic Partnership

- The strategic partnership of SAS and ATC/AWSC/TSC provides a unique opportunity to expand high value business, fostering innovations into future economic growth.

1 Diversify investments to strengthen business deployment

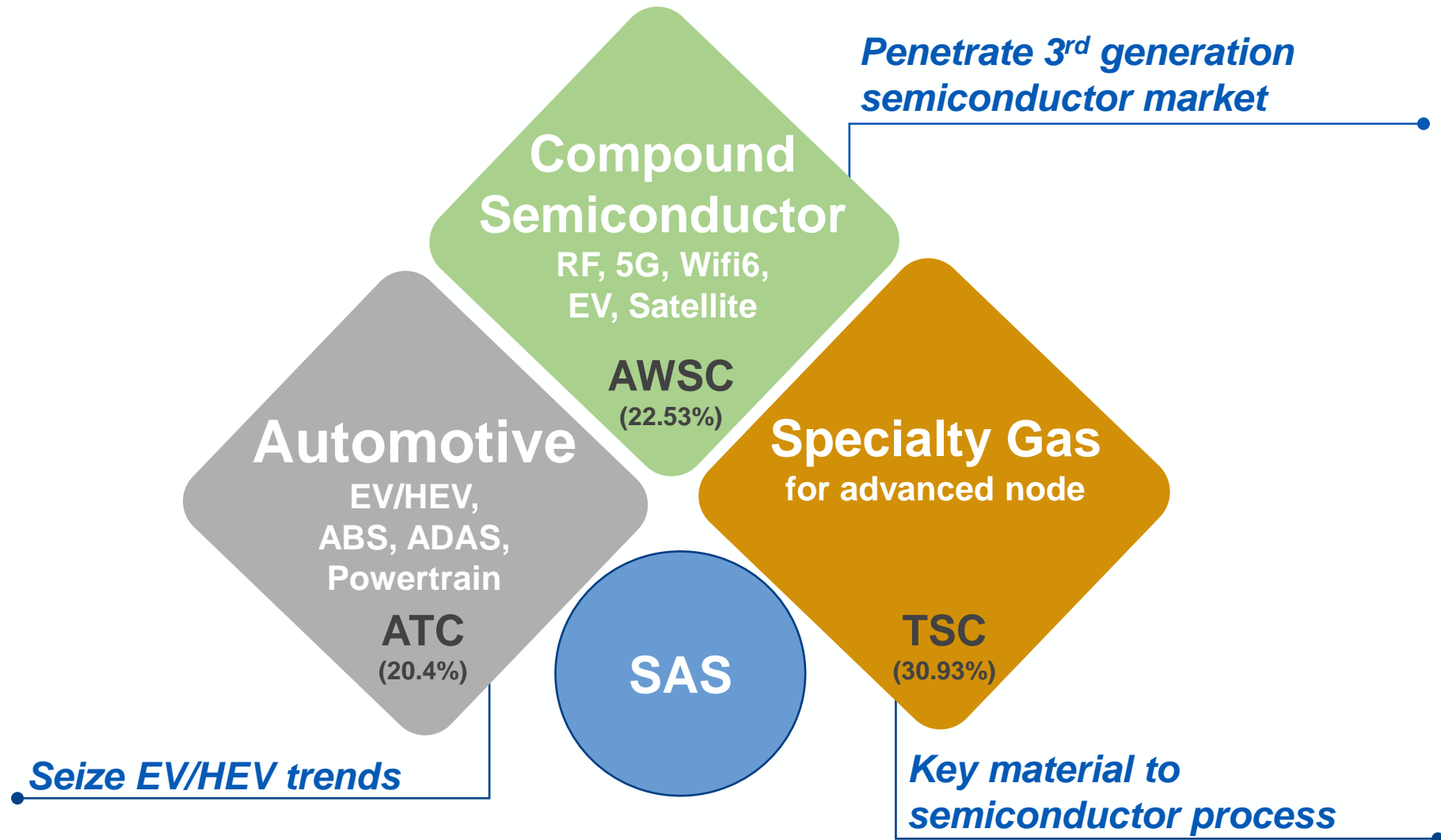
2 Expand territory into business with high potential to increase SAS' intrinsic value

3 Invest in semiconductor value chain for growth potential to SAS' market value

4 Augment company scale through reinvestment recognition for sustainable growth



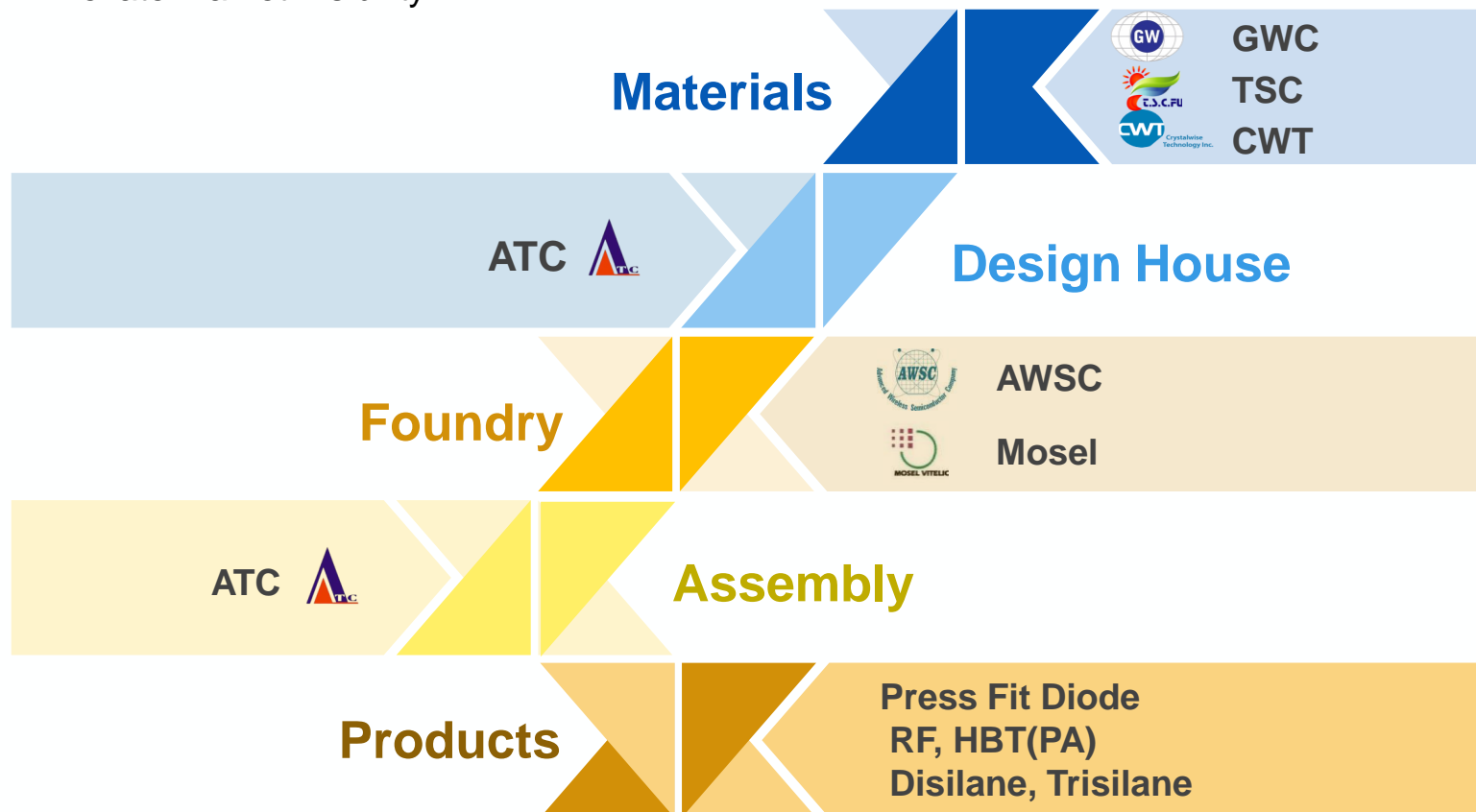
Focus Application of the Reinvestments





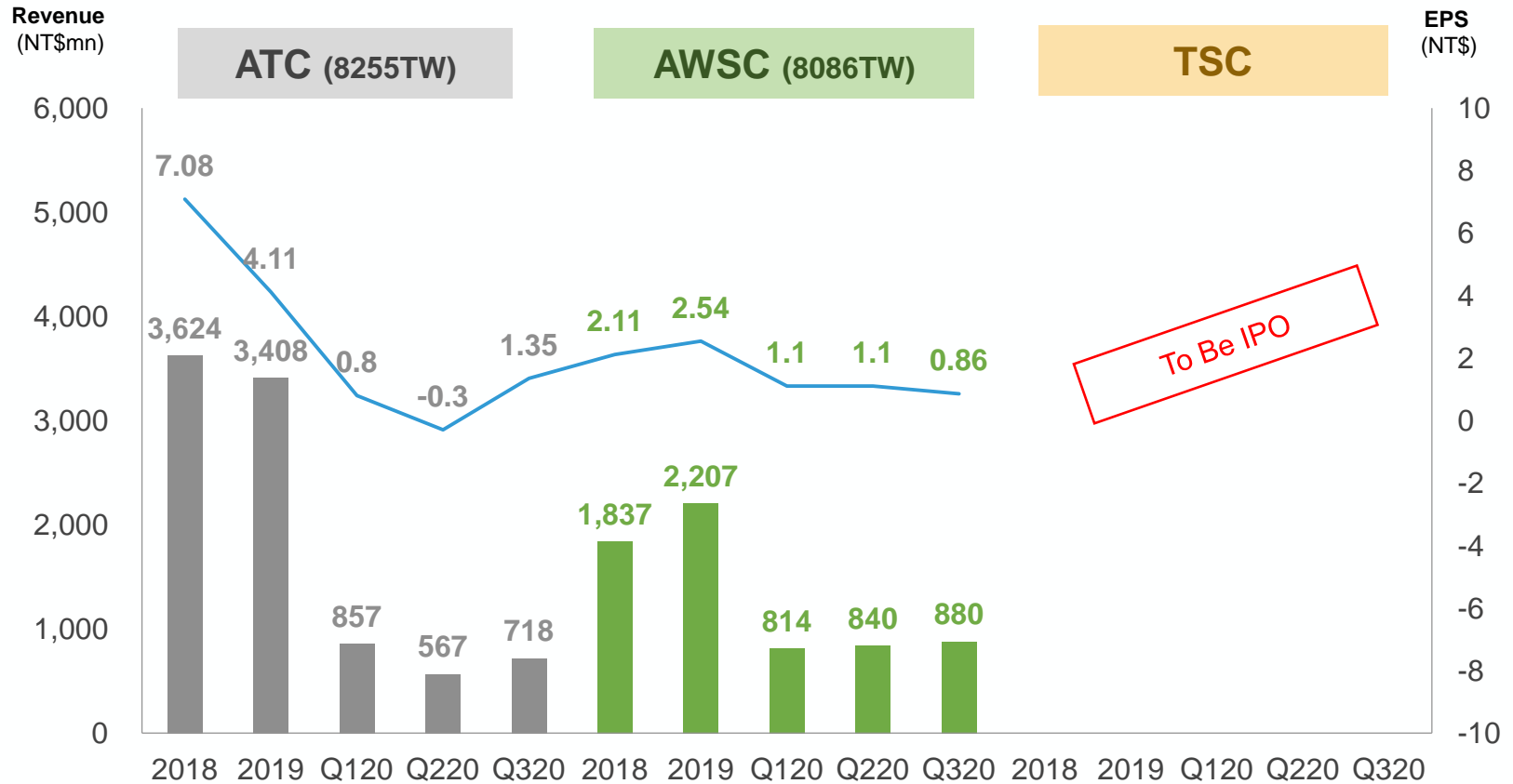
SAS' Strategic Deployment in Semiconductor Supply Chain

- Augment Profit through Recognition
- Increase Market Cap
- Deployment in Semiconductor Supply Chain
- Elevate Market Visibility





Financial Overview of Strategic Partners



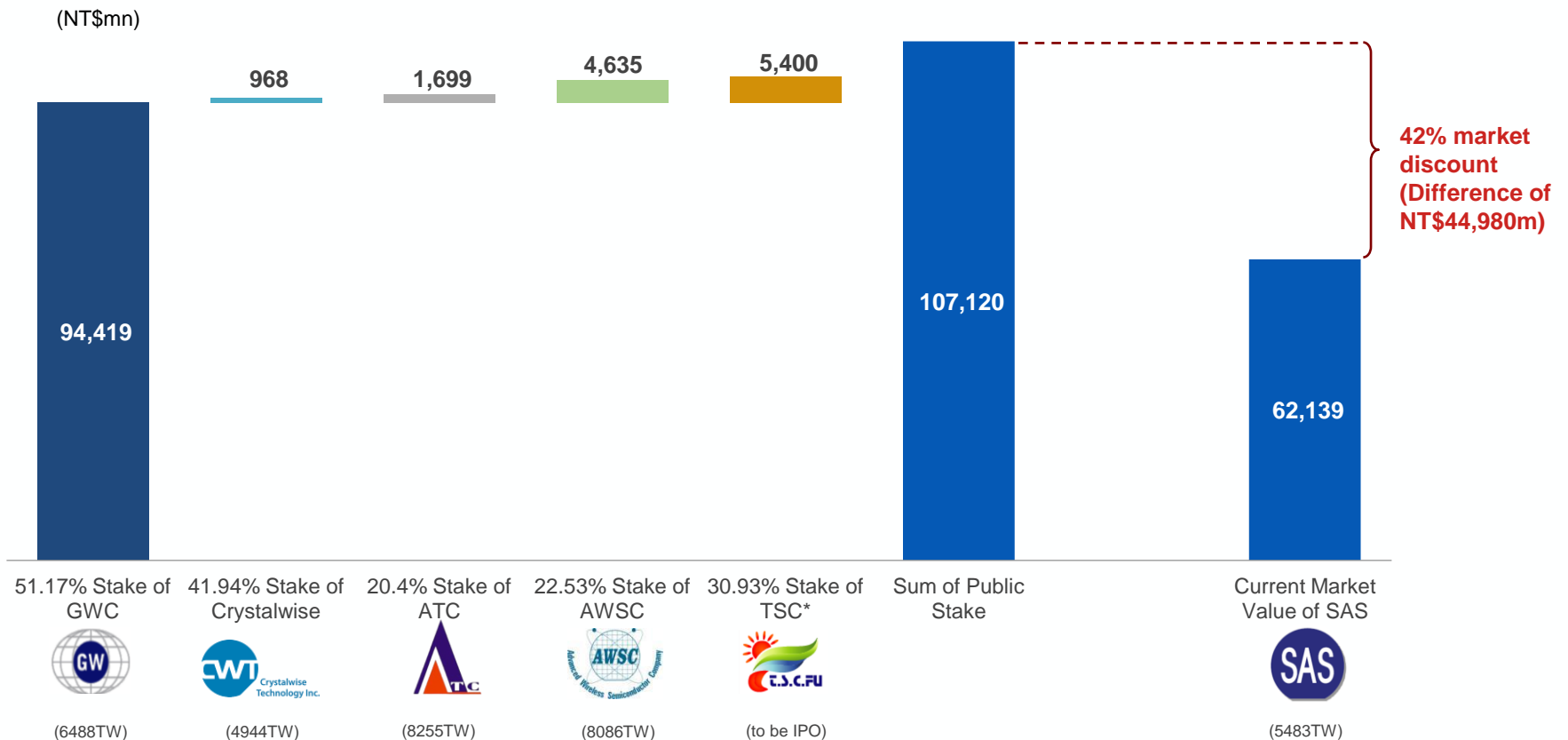
Market Cap	NT\$8,328 mn	NT\$20,571 mn	-
	US\$286 mn	US\$707 mn	-
Capital	NT\$915 mn	NT\$1,997 mn	NT\$2,910 mn
	US\$31 mn	US\$69 mn	US\$100 mn
SAS Ownership	20.40%	22.53%	30.93%

Source: Stock price of November 6, 2020
Note: FX rate: US\$1 = NT\$29.1



Undervalued Market Value of SAS

- Current market value of SAS trades at 42% discount compared to the sum of its stake of reinvestments in GWC, Crystalwise, Actron, AWSC and TSC, which makes SAS a worthy option to participate the future growth of promising businesses.



Source: Stock price of November 6th, 2020

Note: With assumption that TSC stock price is NTD 60.



Reinvestment Summary



Actron Technology Corporation
(8255 TW)



Advanced Wireless Semiconductor Company
(8086 TW)



Taiwan Specialty Chemicals Corporation

Established	1998	1998	2013
SAS Ownership	20.4%	22.53%	30.93%
Market Cap^{*1}	NT\$8,328 mn	NT\$20,571 mn	-
Revenue (3Q20- accumulated)	NT\$2,148 mn	NT\$2,533 mn	-
EPS (3Q20- accumulated)	NT\$1.85	NT\$3.06	-
Key Products	Automotive Diode, LLD, ULLD	GaAs, GaN on SiC	Specialty Gas
Core Competence	<ul style="list-style-type: none"> ➢ Top 1 automotive diode supplier in the world. ➢ Solid partnership with the Big 6 automakers. ➢ Superior electronic components help in seizing EV/HEV trend. 	<ul style="list-style-type: none"> ➢ Specializes in PA – the key foundation of electronics ➢ Foundry for PA and other RF components (GaN on Si, GaN on Si SiC...) ➢ Penetrate 5G, WiFi 6, RF... 	<ul style="list-style-type: none"> ➢ Semiconductor Specialty Gas maker ➢ Customer's Best BCP partner ➢ Reduce carbon footprint

Market Cap: Stock price of November 6, 2020



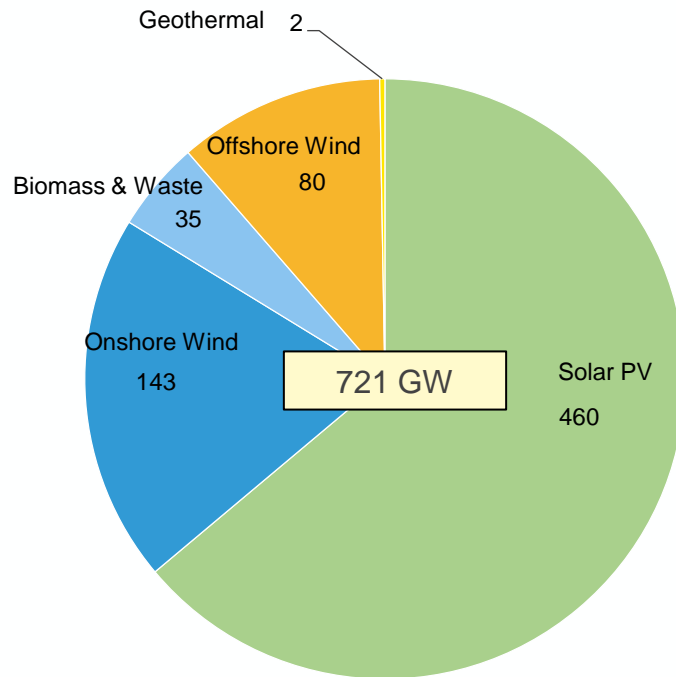
Industry Overview

Nations' Green Power Policies Prompt Solar Market to Grow

➤ According to the research, governments as a whole have been ambitious about setting targets for solar than for other non-hydro renewable energy technology. In addition, governments have to set targets of installing 460 GW of Solar PV capacity, large and small, by 2030.

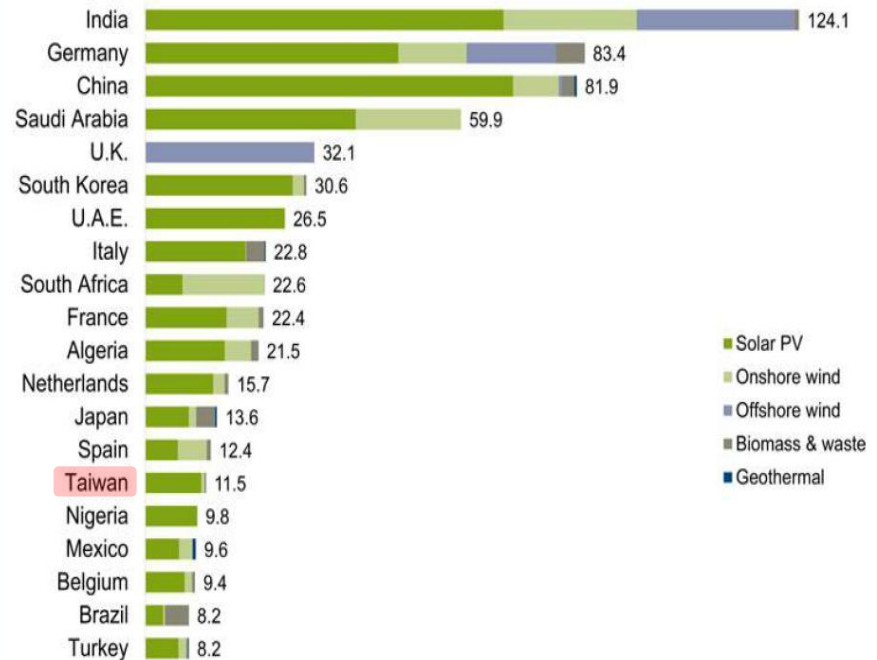
Renewable Power Additions Required to Meet Government Targets with Deadlines Between 2020 and 2030

Unit: GW



Renewable Power Additions Required to Meet Government Targets with Deadlines Between 2020 and 2030 by Country

Unit: GW



Source: UNEP, Frankfurt School-UNEP Centre, BloombergNEF, Jun, 2020

Nations Committed to Carbon Neutrality

- More and more nations are committed to reduce their CO₂ levels to help combat climate change and to end their contribution to global warming.

Sweden

- Carbon neutrality by 2045
- The first country to put into law a timeline.

Japan

- Carbon neutrality by 2050

France

- 0 emissions by 2050.
- Reduce fossil fuels consumption by 30% ~ 40% by 2030.

Germany

- Carbon neutrality by 2050

Denmark

- Carbon neutrality by 2050
- Reach 70% below its 1990 emissions in 2030.

Netherland

- Cutting greenhouse emissions by 49% by 2030
- Reduce emission by 95% from 1990 levels by 2050 .



Source: NS Energy, Mar, 2020; Climate Home News, Oct, 2020

RE100 Members Power Hungry Push the Growth of Renewable Power Market

- Research estimates that these RE100 members would need to source an additional 210 TWh of renewable power by 2030 and to meet this 210TWh shortfall could underpin 105GW of new solar and wind plant construction globally by 2030.

Renewable Energy Shortfall for RE100

Unit: TWh




Source: UNEP, Frankfurt School-UNEP Centre, BloombergNEF, Jun, 2020


Decarbonization Accelerates Green Power Deal

- Analysts expect renewable energy demand from corporations to remain strong with more companies pledging to cover 100% of their electricity use with renewable or even becoming "carbon-negative" businesses. More than 260 companies worldwide, with a combined electricity demand of 281 TWh per year, have made such commitments as part of the RE100 initiative.

Tech Companies that Own Large Power Purchase Agreements





TAIWAN




920 MW

The largest ever single-project corporate PPA, signed by Ørsted A/S with the world's biggest semiconductor foundry.

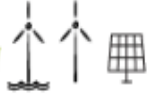



DENMARK
U.S.
FINLAND
SWEDEN
BEELGIUM
CHILE



1,600 MW

A package of 18 deals with developers including Engie SA, Neoen SA and Better Energy A/S.




UT
U.S.
IL
OH
TN
IRELAND

FACEBOOK

806 MW

Developers include Apex Clean Energy Inc. and Brookfield Renewable Partners LP.



Source: S&P Global Market Intelligence, Oct,2020



SAS Consolidated Performance Update



Financial Highlights

➤ Improving Profitability

✓ Q320

Gross Margin : 3rd highest

Net Profit, Net Profit contributed to parent company : 2nd highest

✓ 3Q20 (accumulated)

Gross Margin, Operating Profit : Best Ever!

Net Profit, Net Profit contributed to parent company : Best Ever!

EPS : 2nd highest



Financial Highlight : Q320 vs. Q220

(NT\$m)	Q320	Q220	QoQ
Revenue	15,379	15,038	2.3%
EBITDA* ¹	5,717	5,539	3.2%
EBITDA %	37.2%	36.8%	0.4%
EBIT	4,017	4,123	-2.6%
Operating Profit	3,977	4,038	-1.5%
Operating Profit %	25.9%	26.9%	-1.0%
Net Profit	3,323	3,172	4.8%
Net Profit %	21.6%	21.1%	0.5%
EPS	NT\$2.86	2.59	NT\$0.27
ROE* ² (annualized)	28.3%	27.0%	1.3%
ROA* ³ (annualized)	12.4%	11.8%	0.6%

1.EBITDA= Net Profit + Tax + Interests + Depreciation + Amortization.

2.ROE = Net Profit / Average Shareholders Equity

3.ROA = (Net Profit + Interest*(1- Effective Tax Rate))/Average Asset



Financial Highlight : Q320 vs. Q319

(NT\$mn)	Q320	Q319	YoY
Revenue	15,379	16,107	-4.5%
EBITDA* ¹	5,717	5,530	3.4%
EBITDA %	37.2%	34.3%	2.9%
EBIT	4,017	4,118	-2.5%
Operating Profit	3,977	4,082	-2.6%
Operating Profit %	25.9%	25.3%	0.5%
Net Profit	3,323	3,230	2.9%
Net Profit %	21.6%	20.1%	1.6%
EPS	NT\$2.86	NT\$2.76	NT\$0.1
ROE* ² (annualized)	28.3%	28.0%	0.3%
ROA* ³ (annualized)	12.4%	11.9%	0.5%

1. EBITDA = Net Profit + Tax + Interests + Depreciation + Amortization.

2. ROE = Net Profit / Average Shareholders Equity

3. ROA = (Net Profit + Interest*(1- Effective Tax Rate))/Average Asset



Financial Highlight : 3Q20 vs. 3Q19 (accumulated)

(NT\$mn)	3Q20	3Q19	YoY
Revenue	45,695	50,268	-9.1%
EBITDA* ¹	16,351	13,889	17.7%
EBITDA %	35.8%	27.6%	8.2%
EBIT	11,906	9,841	21.0%
Operating Profit	11,720	9,768	20.0%
Operating Profit %	25.6%	19.4%	6.2%
Net Profit	9,282	6,394	45.2%
Net Profit %	20.3%	12.7%	7.6%
EPS	NT\$7.82	NT\$2.00	NT\$5.82
ROE* ² (annualized)	25.4%	17.9%	7.6%
ROA* ³ (annualized)	11.3%	8.1%	3.3%

1. EBITDA = Net Profit + Tax + Interests + Depreciation + Amortization.

2. ROE = Net Profit / Average Shareholders Equity

3. ROA = (Net Profit + Interest * (1 - Effective Tax Rate)) / Average Asset



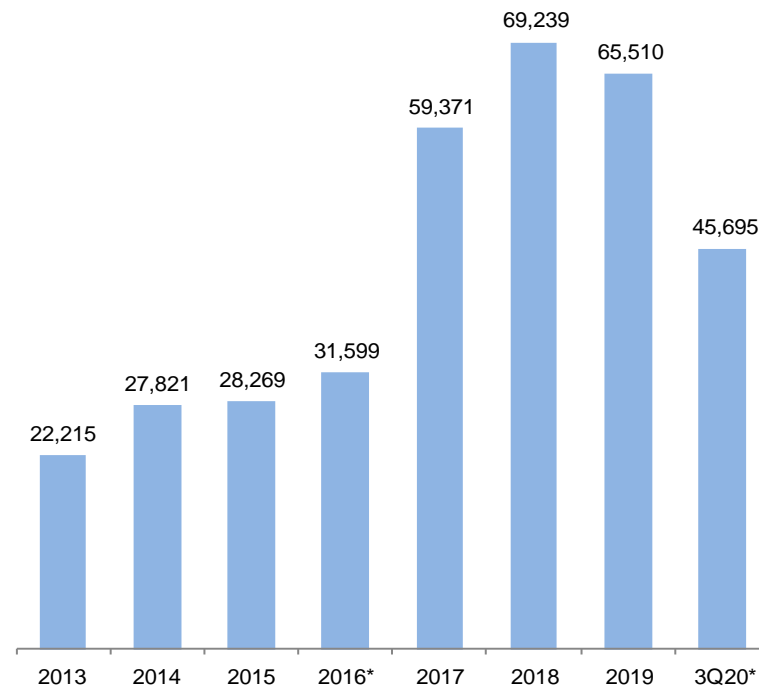
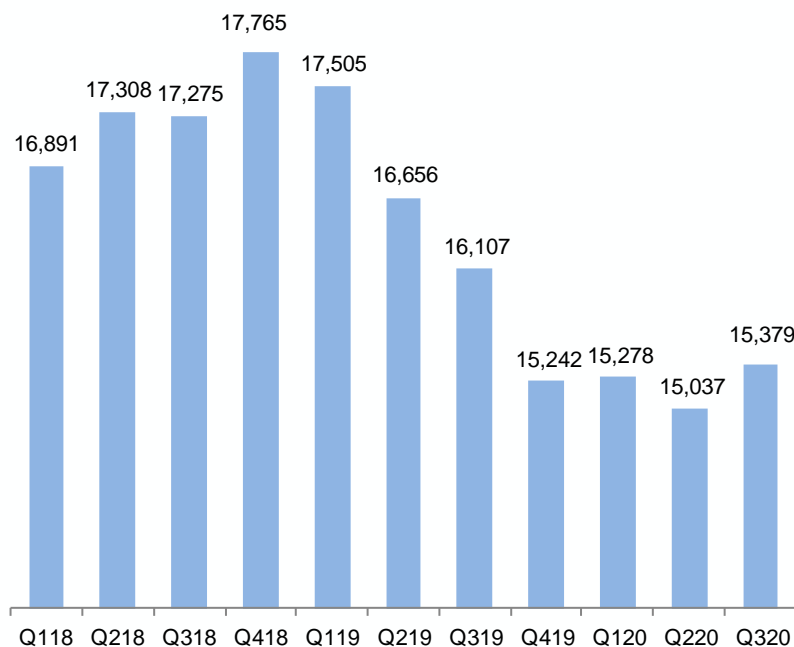
Revenue

Quarterly

Annual

(NT\$mn)

(NT\$mn)



Note:

1. Upon completion of GWC's acquisition of SunEdison Semiconductor ("SEMI") in 2016, FY2016 financials has included earnings from SEMI from the period of 02 Dec 2016 – 31 Dec 2016.

2. Impairment of assets and onerous contract provision were recognized in 4Q18 & 2Q19 respectively.

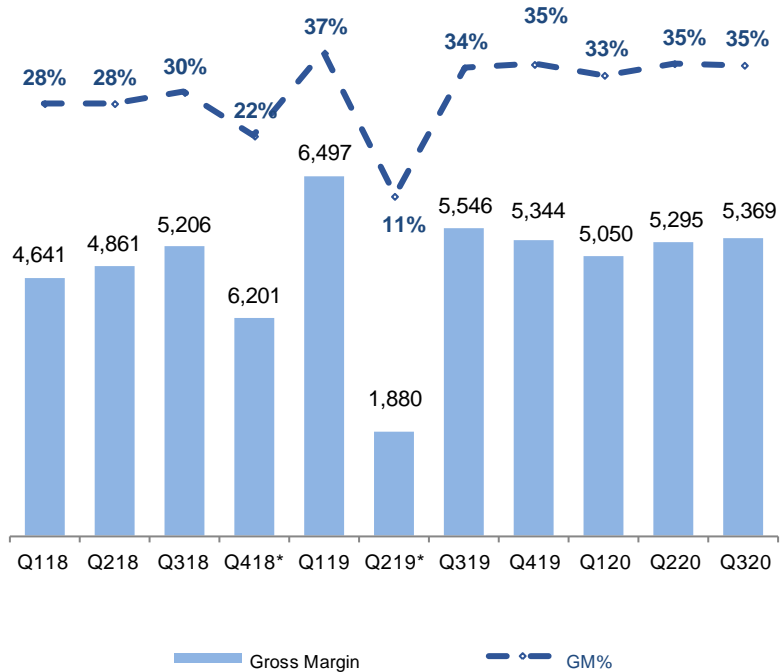
3. 3Q20: Accumulated number



Gross Profit

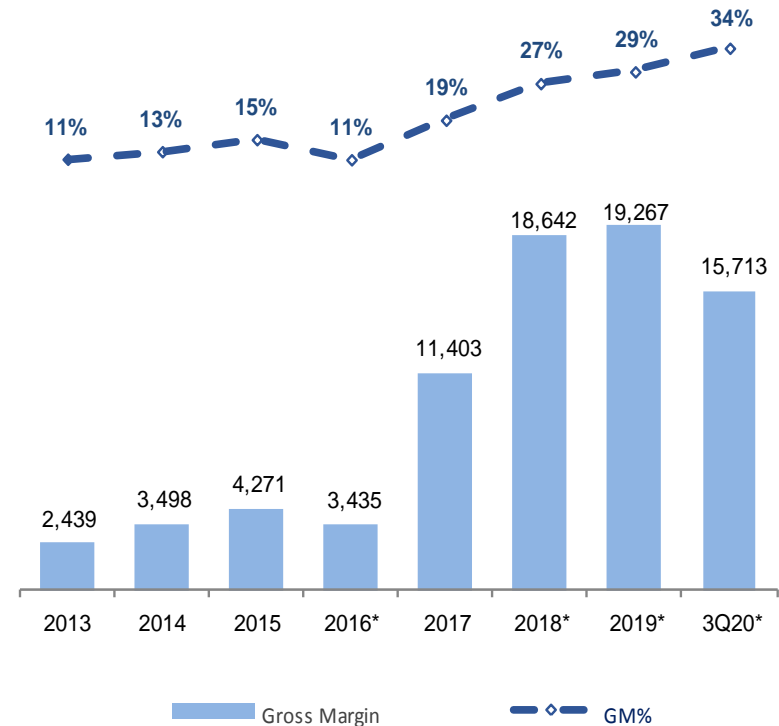
Quarterly

(NT\$mn)



Annual

(NT\$mn)



Note:

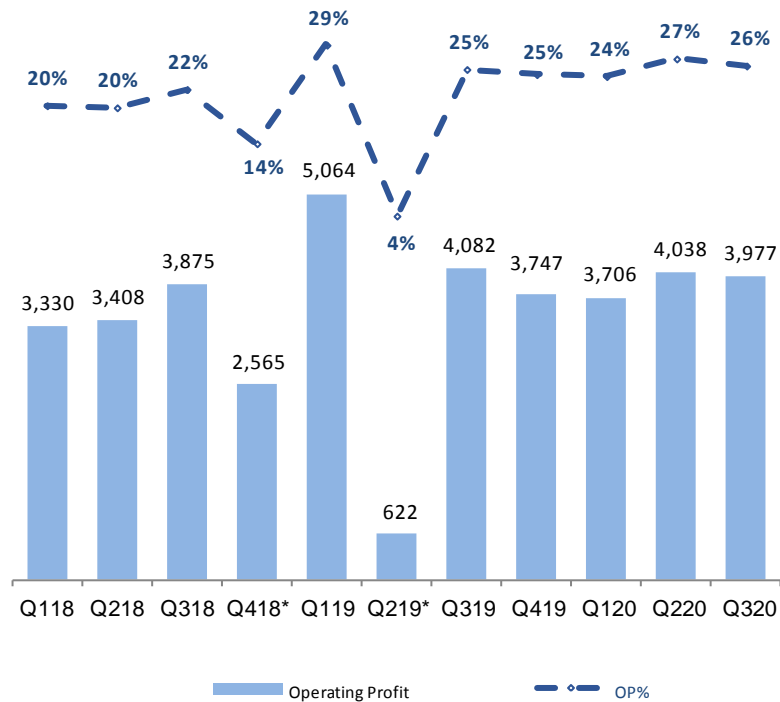
1. Upon completion of GWC's acquisition of SunEdison Semiconductor ("SEMI") in 2016, FY2016 financials has included earnings from SEMI from the period of 02 Dec 2016 – 31 Dec 2016.
2. Impairment of assets and onerous contract provision were recognized in 4Q18 & 2Q19 respectively
3. 3Q20: Accumulated number



Operating Profit

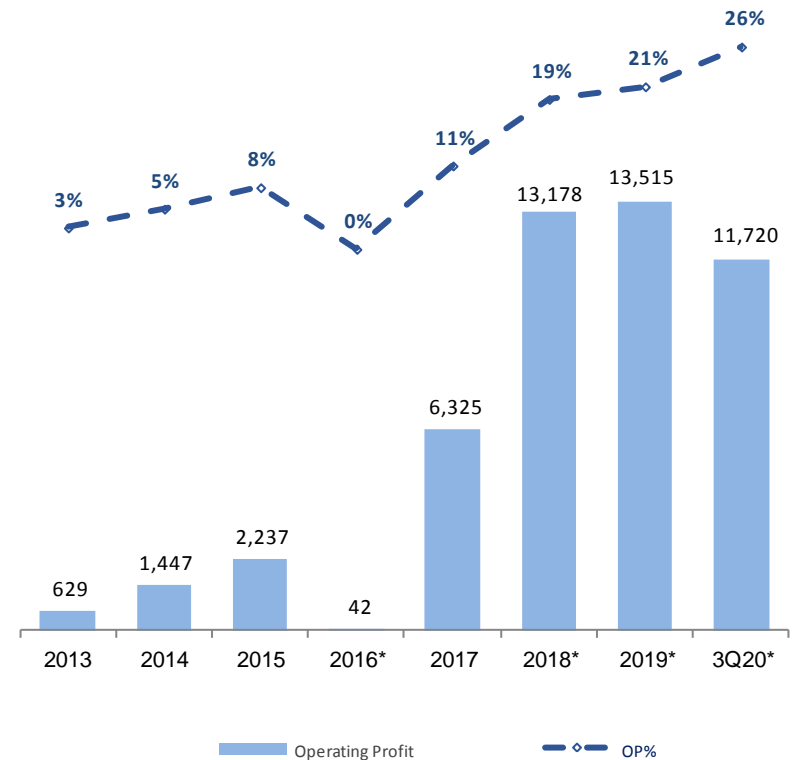
Quarterly

(NT\$m)



Annual

(NT\$m)



Note:

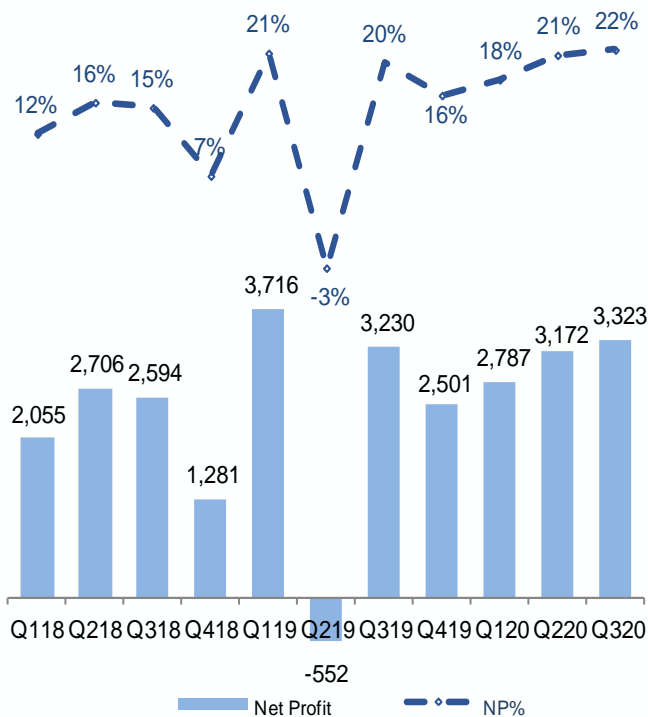
1. Upon completion of GWC's acquisition of SunEdison Semiconductor ("SEMI") in 2016, FY2016 financials has included earnings from SEMI from the period of 02 Dec 2016 – 31 Dec 2016.
2. Impairment of assets and onerous contract provision were recognized in 4Q18 & 2Q19 respectively
3. 3Q20: Accumulated number



Net Profit

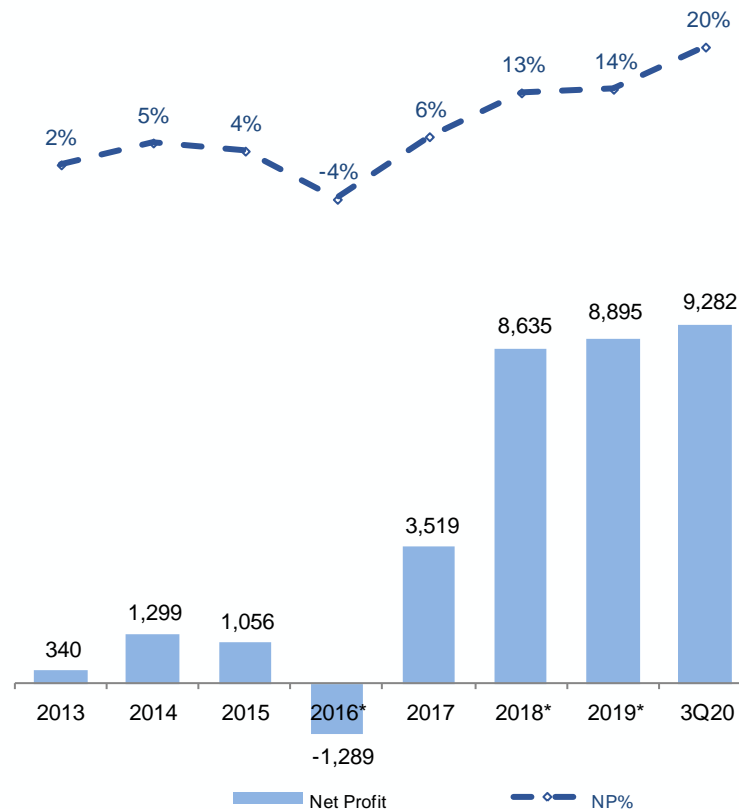
Quarterly

(NT\$mn)



Annual

(NT\$mn)



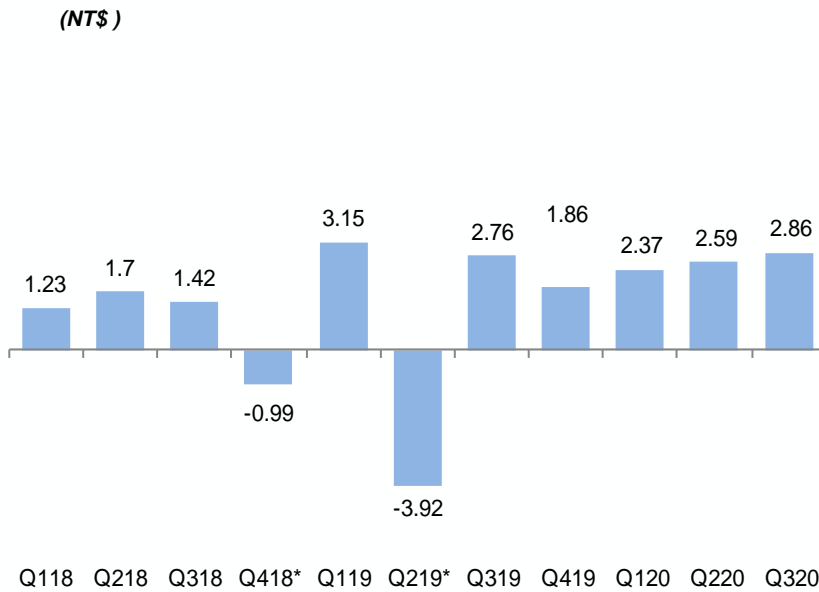
Note:

1. Upon completion of GWC's acquisition of SunEdison Semiconductor ("SEMI") in 2016, FY2016 financials has included earnings from SEMI from the period of 02 Dec 2016 – 31 Dec 2016.
2. Impairment of assets and onerous contract provision were recognized in 4Q18 & 2Q19 respectively
3. 3Q20: Accumulated number

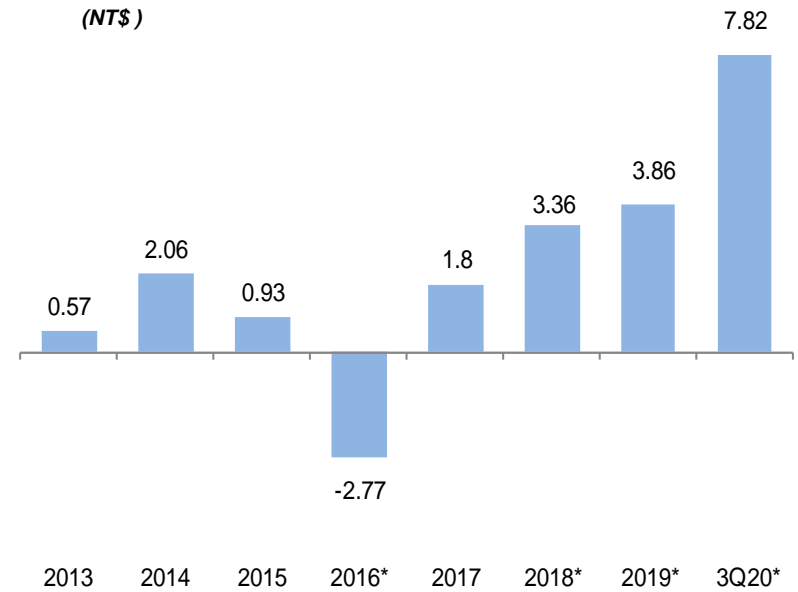


EPS

Quarterly



Annual



Note:

1. Upon completion of GWC's acquisition of SunEdison Semiconductor ("SEMI") in 2016, FY2016 financials has included earnings from SEMI from the period of 02 Dec 2016 – 31 Dec 2016.
2. Impairment of assets and onerous contract provision were recognized in 4Q18 & 2Q19 respectively
3. 3Q20: Accumulated number



Income Statement

Income statement

(NT\$mn)	2013	2014	2015	2016	2017	2018	2019	3Q20
Revenue	22,215	27,821	28,269	31,599	59,371	69,239	65,510	45,695
<i>Growth (%)</i>	20.8%	25.2%	1.6%	11.8%	87.9%	16.6%	(5.4%)	-
Gross Profit	2,439	3,498	4,271	3,435	11,403	18,642	19,267	15,713
<i>Gross Profit Margin (%)</i>	11.0%	12.6%	15.1%	10.9%	19.2%	26.9%	29.4%	34.4%
EBITDA	4,058	4,214	4,184	2,052	11,741	19,030	18,668	16,351
<i>EBITDA Margin (%)</i>	18.3%	15.1%	14.8%	6.5%	19.8%	27.5%	28.5%	35.8%
Operating Profit	629	1,447	2,236	42	6,325	13,178	13,515	11,720
<i>Operating Profit Margin (%)</i>	2.8%	5.2%	7.9%	0.1%	10.7%	19.0%	20.6%	25.7%
Profit before Tax	128	1,925	1,960	(856)	5,126	13,318	13,924	12,060
<i>Profit before Tax Margin (%)</i>	0.6%	6.9%	6.9%	(2.7%)	8.6%	19.2%	21.3%	26.4%
Net Profit	340	1,299	1,056	(1,289)	3,519	8,635	8,895	9,282
<i>Net Profit Margin (%)</i>	1.5%	4.7%	3.7%	(4.1%)	5.9%	12.5%	13.6%	20.3%
EPS (NT\$)	0.57	2.06	0.93	(2.77)	1.80	3.36	3.86	7.82

Note:

1. Upon completion of GWC's acquisition of SunEdison Semiconductor ("SEMI") in 2016, FY2016 financials has included earnings from SEMI from the period of 02 Dec 2016 – 31 Dec 2016.
2. Impairment of assets and onerous contract provision were recognized in 4Q18 & 2Q19 respectively
3. 3Q20: Accumulated number



Balance Sheet

Balance Sheet

(NT\$m)	2013	2014	2015	2016	2017	2018	2019	3Q20
Assets								
Cash and cash equivalents	3,682	5,391	5,902	9,269	20,343	36,829	34,901	28,871
Account receivable	4,064	5,019	6,204	8,560	8,830	9,881	8,507	8,718
Inventories	4,416	1,607	5,749	9,708	10,048	7,881	7,398	8,138
Property, plant and equipment	16,098	15,244	18,905	41,398	37,529	37,439	40,277	42,680
Other assets	11,414	13,627	9,427	14,079	12,593	11,955	18,300	21,081
Total assets	39,674	40,887	46,186	83,014	89,343	103,985	109,383	109,489
Liabilities								
Short-term loan	2,576	3,486	2,676	17,704	14,367	9,335	11,465	14,895
Account payable	2,754	2,713	2,932	6,328	5,352	5,236	4,180	4,150
Long term loan	4,373	3,807	2,546	16,357	5,034	2,040	0	1,280
Other liabilities	9,385	9,299	9,464	15,399	20,814	39,460	45,122	40,489
Total liabilities	19,088	19,304	17,617	55,787	45,566	56,071	60,767	60,815
Shareholder Equity	20,586	21,583	28,570	27,227	43,777	47,914	48,616	48,674

Note:

1. Upon completion of GWC's acquisition of SunEdison Semiconductor ("SEMI") in 2016, FY2016 financials has included earnings from SEMI from the period of 02 Dec 2016 – 31 Dec 2016.
2. Impairment of assets and onerous contract provision were recognized in 4Q18 & 2Q19 respectively
3. Account receivables include account receivables from related parties.
4. Account payables include account payables from related parties.
5. 3Q20: Accumulated number



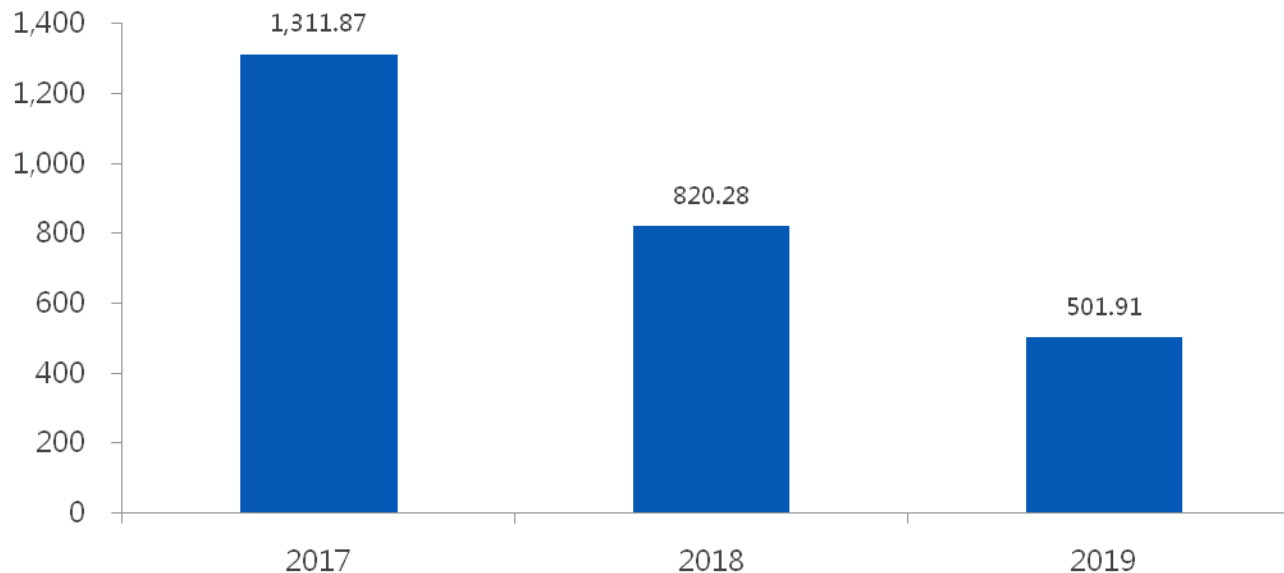
ESG Highlights

Water Management

- SAS is fully committed to recycling (including rainwater and process water) and reuse.
- 2019 water recycle rate*¹ achieved 50%.
- Our total water withdrawal quantity in 2019 was 501.91 Km³, decreased greatly compared with 1,311.87 Km³ in 2017, mainly because of the effective water conservation measures.

Water Withdrawal Quantity

Unit:Km³



Note:

1. Water Recycling Rate = Volume of recycled water ÷ Total volume of water withdrawn.

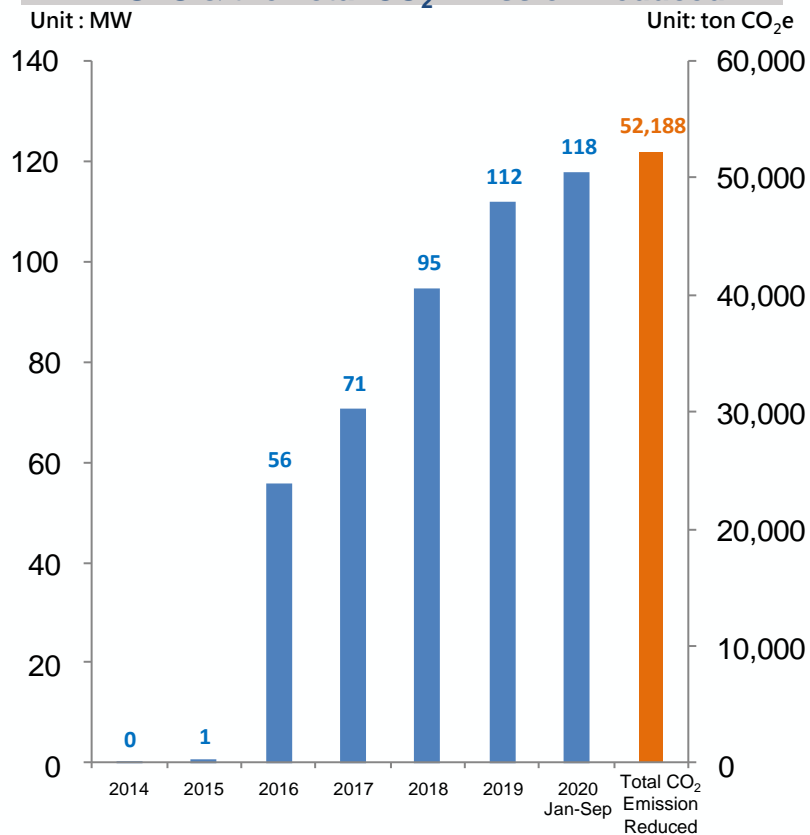
2. The calculation scope in 2017 covered Chunan Branch (Plant 1 and Plant 2) and Yilan Branch (Plant 1, Plant 2 and Plant 3)

3. In 2018, the Chunan Branch Plant 1 and the Yilan Branch Plant 2 were closed in 2018. The calculation scope covered Chunan Branch (formerly Plant 2) and Yilan Branch (Plant 1 and Plant 3).

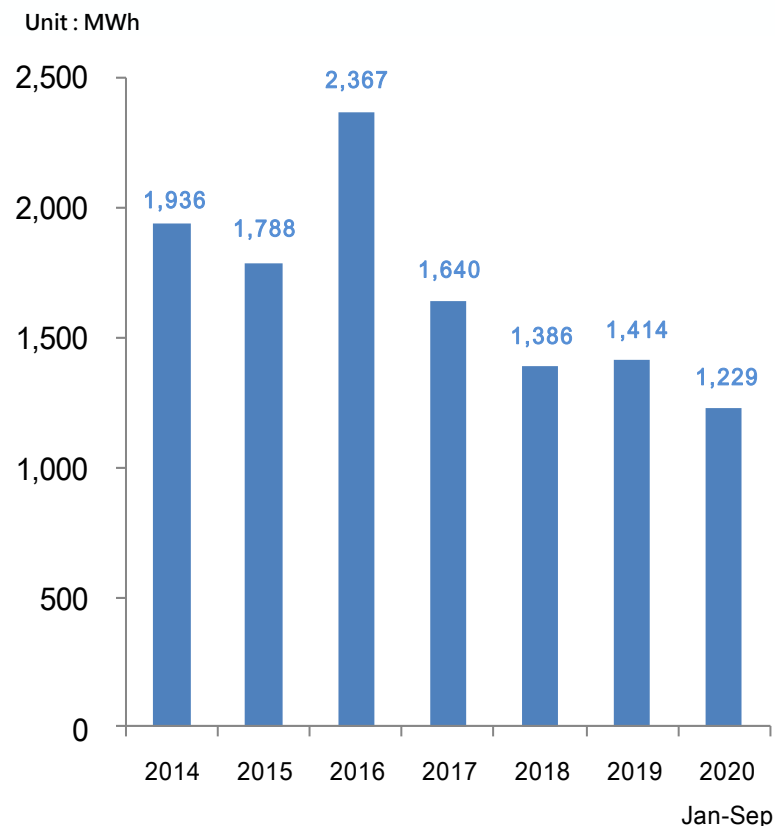
Energy Management

- The accumulated installation for grid-connected capacity exceeded 118 MW and reduced the CO₂ emission by 52,188 tons.

Power Installation from Power Plant Built by SAS & the Total CO₂ Emission Reduced



Electricity Needed for Generating NTD 100mn

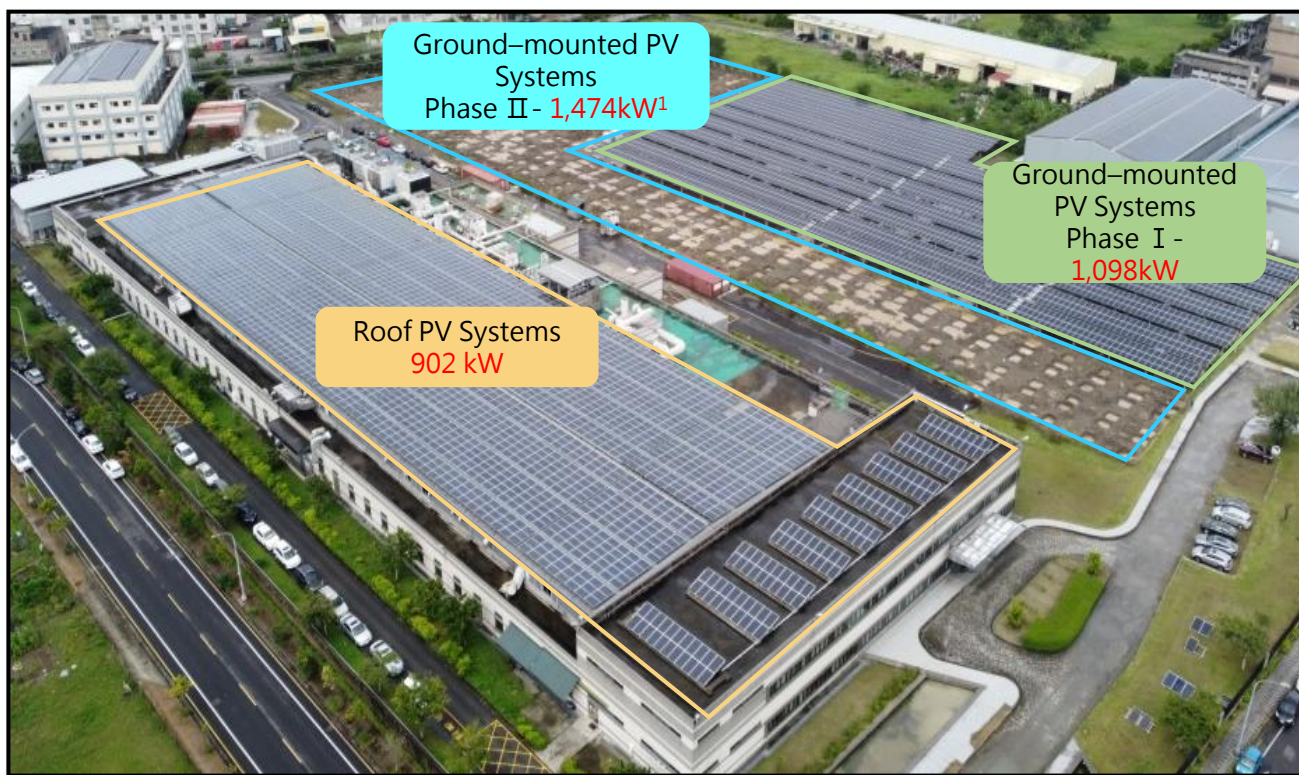


■ The accumulated installation for grid-connected capacity
 ■ Total CO₂ emission reduced

Committed to Green Energy

- To fulfill the commitment to sustainable development, SAS cooperates with its subsidiary, GlobalWafers, on solar installation of 3,474 kW* which could reduce 1,842 tons of CO₂ emission every year.

Solar System Project



Note:

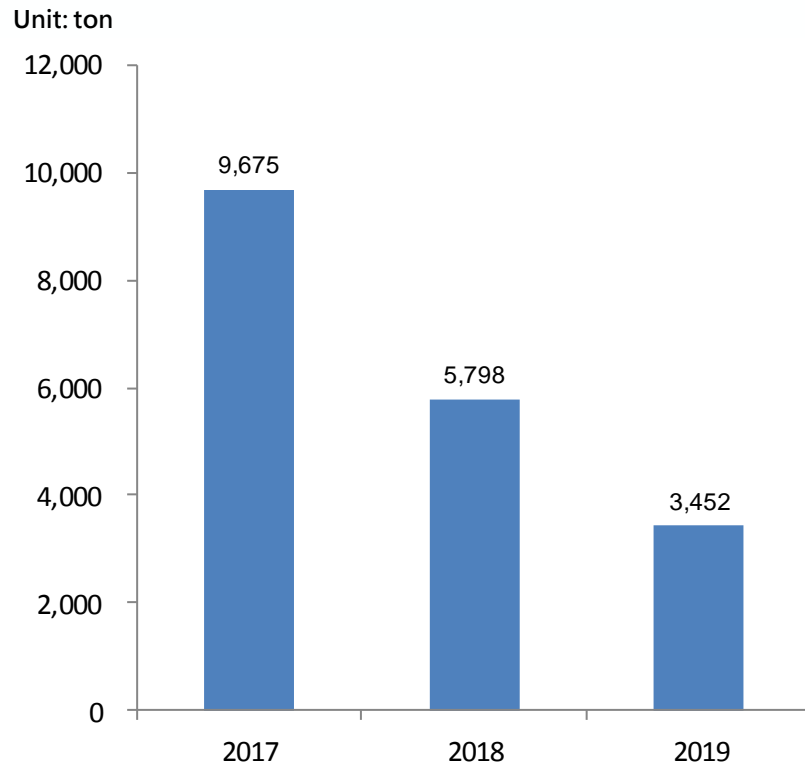
1. Ground-mounted PV Systems Phase II is under construction and expected to be done in Q221.



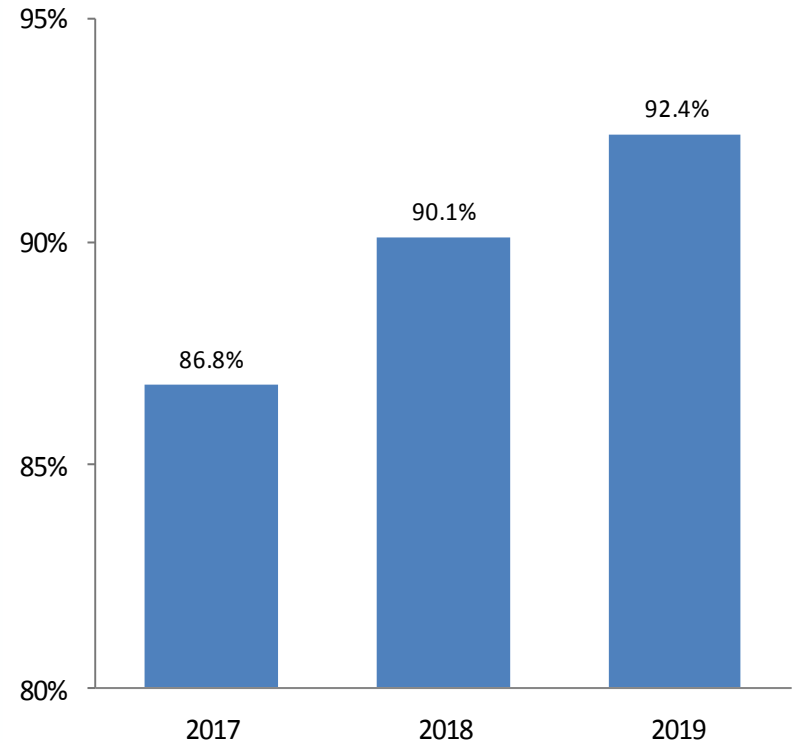
Waste Management

- SAS establishes internal waste management procedure to reduce the waste output quantity effectively.
- SAS is committed to improving reuse and recycle, resources reuse ratio achieved 92.4% in 2019.

Waste Output Quantity



Resources Reuse Ratio*1



Note:

1. Resource Reuse ratio = Reused materials(ton)/total waste output(ton)

2. The calculation scope in 2017 covered Chunan Branch (Plant 1 and Plant 2) and Yilan Branch (Plant 1, Plant 2 and Plant 3)

3. In 2018, the Chunan Branch Plant 1 and the Yilan Branch Plant 2 were closed in 2018. The calculation scope covered Chunan Branch (formerly Plant 2) and Yilan Branch (Plant 1 and Plant 3).

Sustainable Environment – Waste

- SAS adopts circular economy solutions to reduce costs and environmental impact.
- Almost 92.4% of the waste could be reused and regenerated as ingredients by other industries.
- Our relentless efforts make us outshining in the industry and are awarded the Excellence Award from Year 2020 Outstanding Enterprise Award for Waste Reduction and Circular Economy.

***2020 Outstanding Enterprise Award
for Waste Reduction and Circular Economy***



Excellence Award



Charity and Environment Protection

- SAS devotes our love to the ones that in need via donations. We also extend our care to environment through corporate volunteers by a series of activities like beach cleaning.



**2020 Aug.
Nanliao Beach Cleaning**



**2020 Sep.
Donation to Rural Tribe**

Ethical Business Practice



Legal Compliance

Achieve compliance with local legal requirements and international standards.

Codes of Ethical Conduct

Formulate guidelines to be observed by all directors, managers and staff members.

Risk Assessment

Establish risk assessment mechanism, analyze and evaluate periodically.

Grievance System

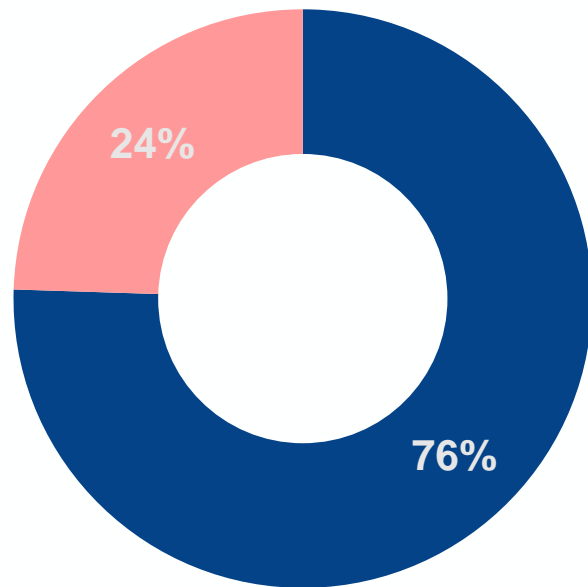
Set up grievance system to prevent dishonesty and protect whistleblower to the fullest extent possible



Diversity and Inclusion

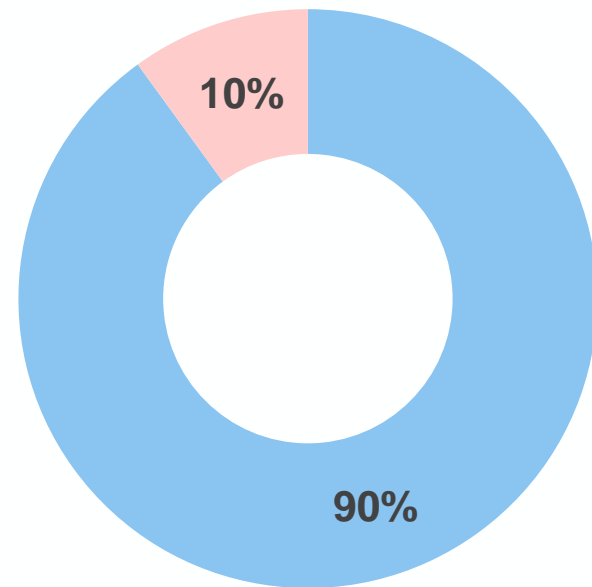
- SAS is committed to supporting gender equality, advancing women in the workplace globally.
- Women in our workforce is 24% overall, 10% on our board.

Percentage of Women in Our Workforce



■ Male ■ Female

Percentage of Women on Our Board (%)



■ Male ■ Female



GlobalWafers Performance Update

Financial Highlights

➤ Q320

- Sequential improvement in revenue and shipment

(NT\$m)	Q320	Q220	Q120	Q320 vs. Q220	Q220 vs. Q120
Revenue	14,006	13,701	13,515	2.2%	1.4%

- Good Profits despite of COVID-19
 - ✓ EBITDA %: 40.0% (YoY : 1.9%)
 - ✓ Net Profit %: 24.2% (YoY : 0.9%)
 - ✓ EPS: NTD 7.78 (YoY : NTD 0.14)

➤ 3Q20 (accumulated)

- EBITDA : 2nd Best
- Operating Profit %, Net Profit % : 2nd Best

➤ Financial Leverage

- Sufficient cash*1 position – NT\$ 32,651 mn (US\$ 1,122 mn)*2
- Prepayment – NT\$ 17,546 mn (US\$ 603 mn)*2

Note:

1. Cash = cash and the equivalent + restricted cash

2. FX Rate: NTD:USD = 29.1



Financial Highlight : Q320 vs. Q220

(NT\$mnn)	Q320	Q220	QoQ
Revenue	14,006	13,701	2.2%
EBITDA* ¹	5,602	5,609	-0.1%
EBITDA %	40.0%	40.9%	-0.9%
EBIT	4,062	4,344	-6.5%
Operating Profit	4,078	4,229	-3.6%
Operating Profit %	29.1%	30.9%	-1.8%
Net Profit	3,388	3,397	-0.3%
Net Profit %	24.2%	24.8%	-0.6%
EPS	7.78	7.81	-NT\$0.03
ROE* ² (annualized)	29.2%	29.6%	-0.4%
ROA* ³ (annualized)	13.7%	13.2%	0.4%

1. EBITDA = Net Profit + Tax + Interests + Depreciation + Amortization.

2. ROE = Net Profit / Average Shareholders Equity

3. ROA = (Net Profit + Interest*(1- Effective Tax Rate))/Average Asset



Financial Highlight : Q320 vs. Q319

(NT\$mnn)	Q320	Q319	YoY
Revenue	14,006	14,303	-2.1%
EBITDA* ¹	5,602	5,453	2.7%
EBITDA %	40.0%	38.1%	1.9%
EBIT	4,062	4,207	-3.4%
Operating Profit	4,078	4,171	-2.2%
Operating Profit %	29.1%	29.2%	-0.1%
Net Profit	3,388	3,328	1.8%
Net Profit %	24.2%	23.3%	0.9%
EPS	NT\$7.78	NT\$7.64	NT\$0.14
ROE* ² (annualized)	29.2%	33.2%	-3.9%
ROA* ³ (annualized)	13.7%	15.4%	-1.7%

1. EBITDA = Net Profit + Tax + Interests + Depreciation + Amortization.
2. ROE = Net Profit / Average Shareholders Equity
3. ROA = (Net Profit + Interest*(1- Effective Tax Rate))/Average Asset



Financial Highlight : 3Q20 vs. 3Q19 (accumulated)

(NT\$mnn)	3Q20	3Q19	YoY
Revenue	41,222	44,588	-7.6%
EBITDA* ¹	16,226	17,689	-8.3%
EBITDA %	39.4%	39.7%	-0.3%
EBIT	12,251	14,130	-13.3%
Operating Profit	12,112	14,044	-13.8%
Operating Profit %	29.4%	31.5%	-2.1%
Net Profit	9,666	10,727	-9.9%
Net Profit %	23.4%	24.1%	-0.6%
EPS	NT\$22.21	NT\$24.67	-NT\$2.46
ROE* ² (annualized)	29.2%	33.2%	-3.9%
ROA* ³ (annualized)	13.7%	15.4%	-1.7%

1. EBITDA = Net Profit + Tax + Interests + Depreciation + Amortization.

2. ROE = Net Profit / Average Shareholders Equity

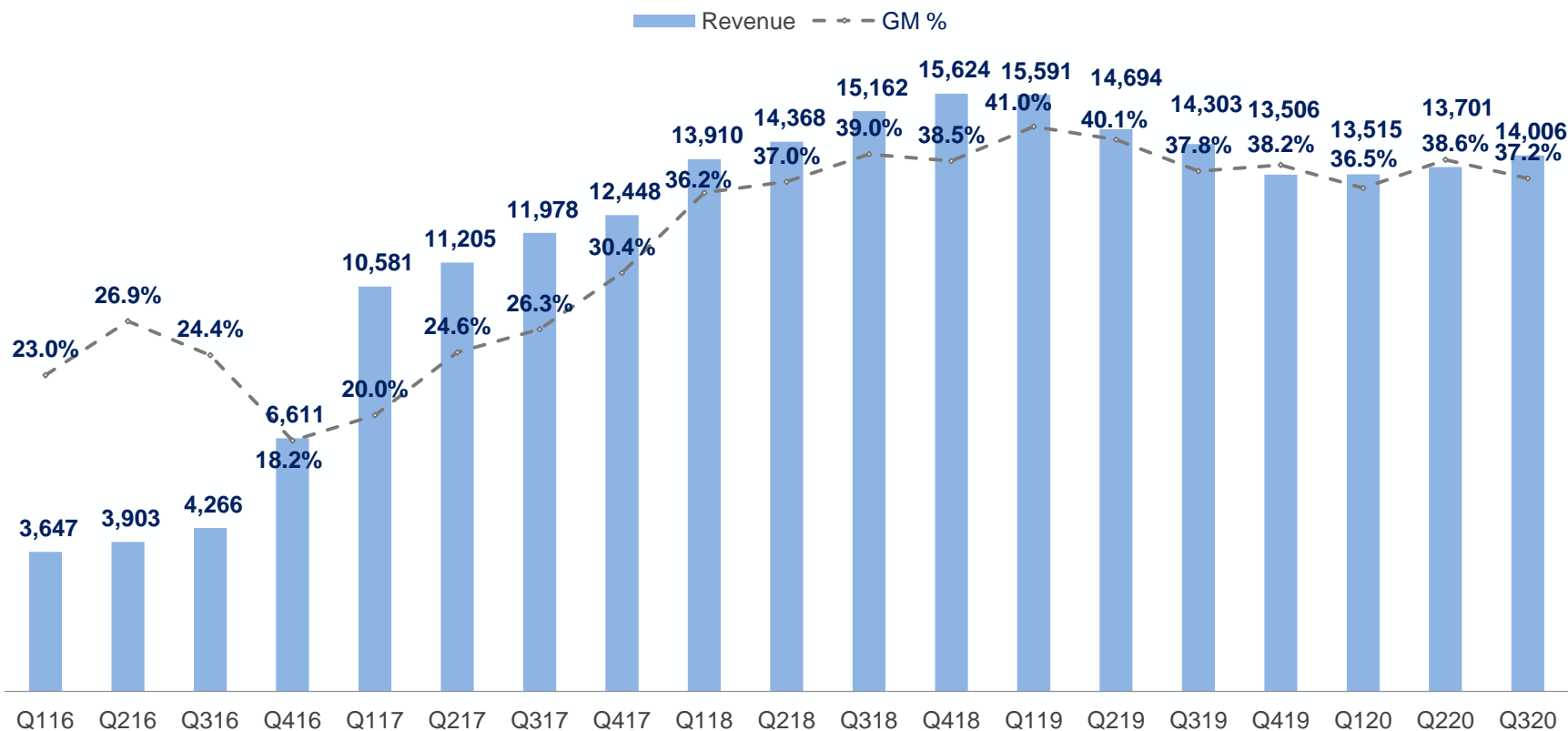
3. ROA = (Net Profit + Interest*(1- Effective Tax Rate))/Average Asset



Revenue & Gross Margin

Revenue & Gross Margin

(NT\$mn)

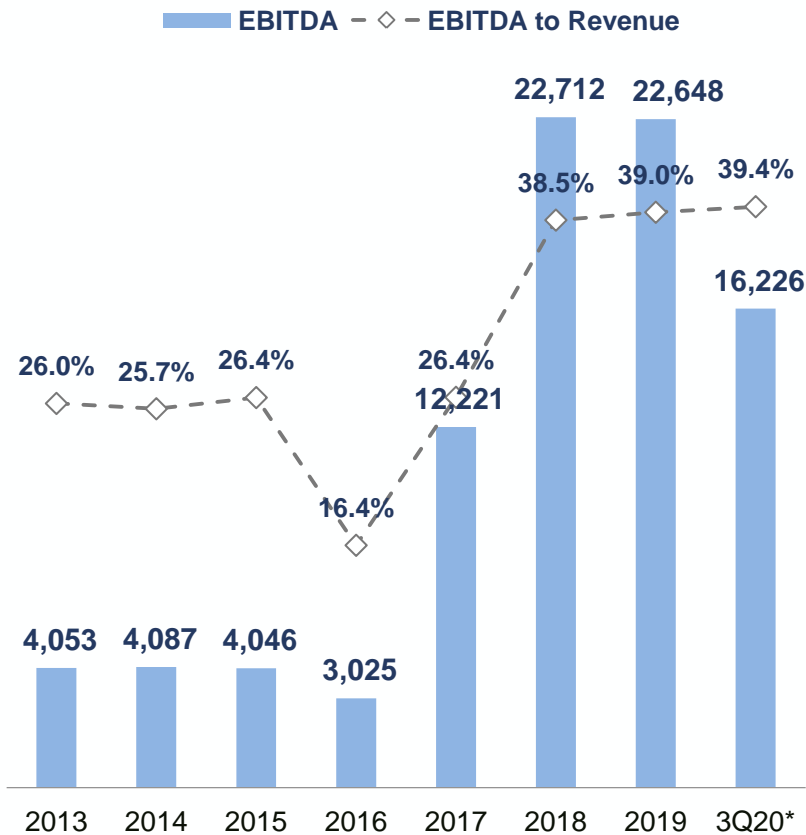




EBITDA & EPS

EBITDA

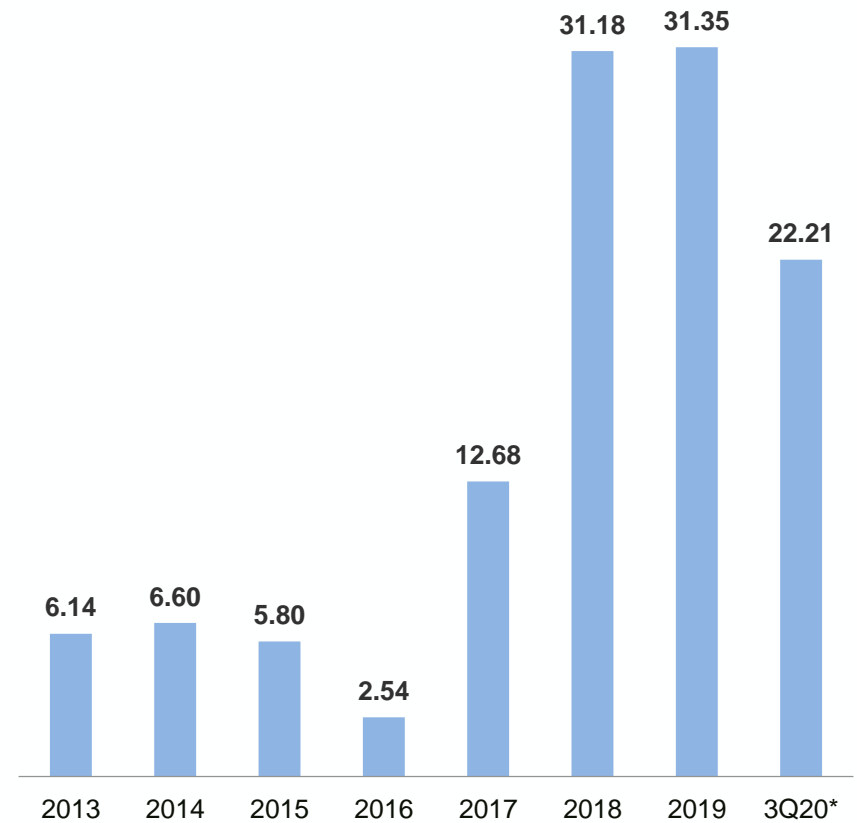
(NT\$mn)



Note: 3Q20 : Accumulated number

EPS

(NT\$)

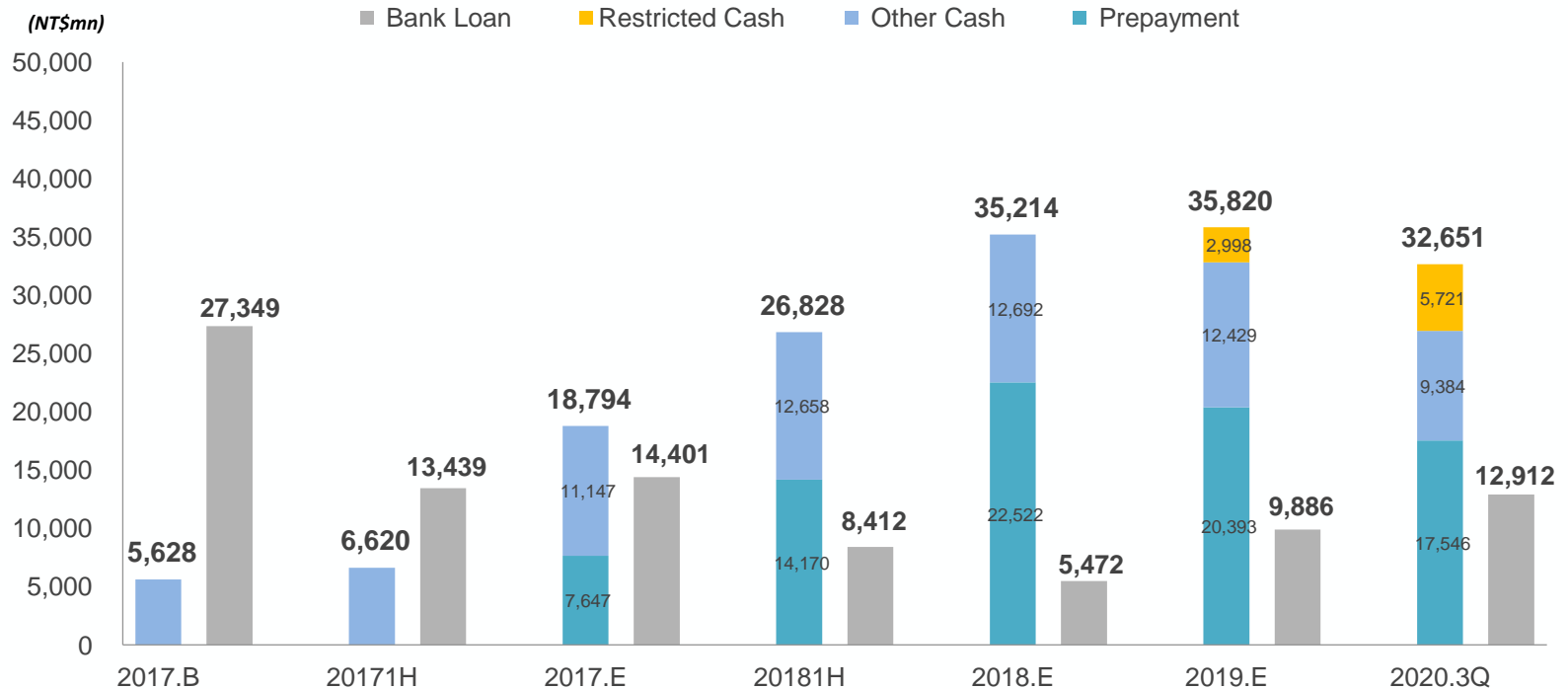


Note: 3Q20 : Accumulated number

Financial Leverage

- Sufficient cash makes GlobalWafers capable of sustainable development.
- Increasing bank loan for dividend payment reflects GWC's commitment to share the constant growth with shareholders.

Cash Structure and Bank Loan



Note:

1. Cash = cash and the equivalent + restricted cash



Income Statement

Income Statement

(NT\$mn)	2013	2014	2015	2016	2017	2018	2019	3Q20*
Revenue	15,570	15,922	15,310	18,427	46,213	59,064	58,094	41,222
<i>Growth (%)</i>	-	2.3%	-3.8%	20.4%	150.8%	27.8%	-1.6%	-
Gross Profit	3,663	3,728	4,073	4,130	11,808	22,299	22,847	15,436
<i>Gross Profit Margin (%)</i>	23.5%	23.4%	26.6%	22.4%	25.6%	37.8%	39.3%	37.4%
EBITDA	4,053	4,087	4,046	3,025	12,221	22,712	22,648	16,226
<i>EBITDA Margin (%)</i>	26.0%	25.7%	26.4%	16.4%	26.4%	38.5%	39.0%	39.4%
Operating Profit	2,194	2,336	2,685	1,378	7,414	17,578	17,897	12,112
<i>Operating Profit Margin (%)</i>	14.1%	14.7%	17.5%	7.5%	16.0%	29.8%	30.8%	29.4%
Profit before Tax	2,204	2,679	2,808	1,344	6,875	18,253	18,554	12,417
<i>Profit before Tax Margin (%)</i>	14.2%	16.8%	18.3%	7.3%	14.9%	30.9%	31.9%	30.1%
Net Profit	1,948	2,095	2,044	939	5,278	13,634	13,636	9,666
<i>Net Profit Margin (%)</i>	12.5%	13.2%	13.4%	5.1%	11.4%	23.1%	23.5%	23.4%
EPS (NT\$)	6.14	6.60	5.80	2.54	12.68	31.18	31.35	22.21

Note:

1. Upon completion of GWC's acquisition of SunEdison Semiconductor ("SEMI") in 2016, FY2016 financials has included earnings from SEMI from the period of 02 Dec 2016 – 31 Dec 2016.

2. 3Q20: Accumulated number



Balance Sheet

Balance Sheet

(NT\$mn)	2013	2014	2015	2016	2017	2018	2019	3Q20
Assets								
Cash and cash equivalents	1,536	2,685	3,662	5,628	18,794	35,214	32,822	26,930
Account receivable	3,165	3,694	4,538	7,642	7,869	9,226	8,140	8,313
Inventories	3,291	2,829	3,262	7,307	7,347	7,040	6,849	7,369
Property, plant and equipment	9,796	8,972	9,361	31,036	28,202	30,887	34,697	36,727
Other assets	3,286	3,204	2,994	8,948	8,020	7,455	14,078	13,502
Total assets	21,074	21,385	23,816	60,560	70,232	89,822	96,586	92,842
Liabilities								
Short-term loan	1,302	2,069	696	12,982	10,738	5,042	9,886	12,912
Account payable	1,816	1,789	1,383	5,126	4,269	4,870	3,837	3,841
Long term loan	--	--	--	14,367	3,663	430	--	0
Other liabilities	4,821	4,325	5,012	12,267	17,508	36,324	37,790	32,997
Total liabilities	7,939	8,184	7,091	44,742	36,178	46,666	51,513	49,749
Shareholder equity	13,135	13,201	16,725	15,819	34,054	43,156	45,073	43,093

Note:

1. Upon completion of GWC's acquisition of SunEdison Semiconductor ("SEMI") in 2016, FY2016 financials has included earnings from SEMI from the period of 02 Dec 2016 – 31 Dec 2016.

2. Account receivables include account receivables from related parties.

3. Account payables include account payables from related parties.



Thank you