(English Translation of Consolidated Financial Statements and Report Originally Issued in Chinese)

MOTECH INDUSTRIES INC. AND ITS SUBSIDIARIES

CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2016 and 2015 (With Independent Auditors' Report Thereon)

Address: 6F, No. 248, Sec. 3, Pei-Shen Rd., Shen-Keng Dist., New Taipei City

222, Taiwan

Telephone: 886-2-2662-5093

The auditors' report and the accompanying consolidated financial statements are the English translation of the Chinese version prepared and used in the Republic of China. If there is any conflict between, or any difference in the interpretation of the English and Chinese language auditors' report and consolidated financial statements, the Chinese version shall prevail.

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Representation Letter

The entities that are required to be included in the combined financial statements of MOTECH Industries Inc. as of and for the year ended December 31, 2016 under the Criteria Governing the Preparation of Affiliation Reports, Consolidated Business Reports, and Consolidated Financial Statements of Affiliated Enterprises are the same as those included in the consolidated financial statements prepared in conformity with International Financial Reporting Standards No. 10 by the Financial Supervisory Commission, "Consolidated and Separate Financial Statements." In addition, the information required to be disclosed in the combined financial statements is included in the consolidated financial statements. Consequently, MOTECH Industries Inc. and its Subsidiaries do not prepare a separate set of combined financial statements.

Company name: MOTECH Industries Inc.

Chairman: PING HENG CHANG

Date: March 6, 2017



安侯建業解合會計師重務的 KPMG

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Independent Auditors' Report

To the Board of Directors of MOTECH Industries Inc.: **Opinion**

We have audited the consolidated financial statements of MOTECH Industries Inc.: and its subsidiaries ("the Group"), which comprise the consolidated balance sheets as of December 31, 2016 and 2015, the consolidated statements of comprehensive income, changes in equity, and cash flows for the years ended December 31, 2016 and 2015, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as of December 31, 2016 and 2015, and its consolidated financial performance and its consolidated cash flows for the years then ended in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and with the International Financial Reporting Standards ("IFRSs"), International Accounting Standards ("IASs"), interpretation as well as related guidance endorsed by the Financial Supervisory Commission of the Republic of China.

Basis for Opinion

We conducted our audits in accordance with the Regulations Governing Auditing and Certification of Financial Statements by Certified Public Accountants and the auditing standards generally accepted in the Republic of China. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are independent of the Group in accordance with the Certified Public Accountants Code of Professional Ethics in Republic of China ("the Code"), and we have fulfilled our other ethical responsibilities in accordance with the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis of our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

1. Impairment of long-term non-financial assets (including goodwill)

Please refer to Note 4(m) "Impairment of non-financial assets", Note 5(a) "Significant accounting assumptions and judgments, and major sources of estimation uncertainty", Note 6(g) "Property, plant and equipment", and Note 6(h) "Intangible assets" of the consolidated financial statements.

The Group operates in an industry where it may experience volatility on sales price in response to the changes in the supply and demand of market and governments policies; and the recoverable amounts of the long term non-financial assets (including goodwill) have been determined based on discounted cash flow forecasted by the Group's management, which involved its professional judgments. This is one of the key matters when conducting our audit.



How the matter was addressed in our audit

Our principal audit procedures included: evaluating the adequacy of the Group's impairment model in measuring the recoverable amount and the accuracy of assumptions used in prior period estimates; reviewing both the calculation of the use value and the discount factors of the present value of the discounted cash flow forecasted from the impairment documents and performing the sensitivity analysis to understand the effect of the recoverable amounts from the changes in key assumptions; performing an inquiry from the management and identifying any event after the balance sheet date if it is able to affect the results of the impairment assessment.

2. Recognition of deferred tax assets

Please refer to Note 4(s) "Income taxes", Note 5(b) "Significant accounting assumptions and judgments, and major sources of estimation uncertainty", and Note 6(o) "Income taxes" of the consolidated financial statements.

The recognition of a deferred tax asset in respect of these losses and other temporary differences is based on judgment in respect of the timing and quantum of the expected future profits and the ability of the Group to offset any of its accumulated losses against these expected profits. This is one of the key matters when conducting our audit.

How the matter was addressed in our audit

Our principal audit procedures included: reviewing the process on the management's assessment on the recognition and measurement of the deferred tax assets; comparing consistency of the management's estimates for assumptions used in the future financial budget with future operation projection, and evaluating whether appropriate assumptions above are applied; assessing the recognition and measurement of the deferred tax assets.

3. Provision for impairment of trade receivables

Please refer to Note 4(g) "Financial instruments", Note 5(c) "Significant accounting assumptions and judgments, and major sources of estimation uncertainty", and Note 6(c) "Notes and accounts receivable, and other receivables" of the consolidated financial statements.

Trade receivables of the Group were measured by their recoverability. The Group operates in an industry where it may experience volatility due to changing market conditions. There is uncertainty in obtaining sufficient appropriate audit evidence relative to the recoverability of trade receivables before the date of the auditor's report; impairment assessment requires management to exercise subjective judgment in making estimations for impairment allowance on accounts receivable. This is one of the key matters when conducting our audit.

How the matter was addressed in our audit

Our principal audit procedures included: examining the aging of trade receivables to verify the accuracy of the ageing period; performing comparison analysis on historical reliability of doubtful accounts of prior period to the current period in order to assess whether appropriate provision policies for doubtful accounts are applied by the management; assessing the appropriateness and adequacy of provision for doubtful accounts made by the management based on the historical trends of the probability of default, current economic and credit conditions of clients, and subsequent collection of account receivables.

Other Matter

Motech Industries Inc. has prepared its parent-company-only financial statements as of and for the years ended December 31, 2016 and 2015, on which we have issued an unmodified opinion.



Responsibilities of Management and Those Charged with Governance for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with Regulations Governing the Preparation of Financial Reports by Securities Issuers and IFRSs, IASs, interpretation as well as related guidance endorsed by the Financial Supervisory Commission of the Republic of China, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance (inclusive the Audit Committee) are responsible for overseeing the Group's financial reporting process.

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the auditing standards generally accepted in the Republic of China will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with auditing standards generally accepted in the Republic of China, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- 1. Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- 2. Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- 3. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- 4. Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.



- 5. Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- 6. Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partners on the audit resulting in this independent auditors' report are Ya-Ling Chen and Mei-Yen Chen.

KPMG

Taipei, Taiwan (Republic of China) March 6, 2017

Notes to Readers

The accompanying consolidated financial statements are intended only to present the consolidated statement of financial position, financial performance and its cash flows in accordance with the accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to audit such consolidated financial statements are those generally accepted and applied in the Republic of China.

The auditors' report and the accompanying consolidated financial statements are the English translation of the Chinese version prepared and used in the Republic of China. If there is any conflict between, or any difference in the interpretation of the English and Chinese language auditors' report and consolidated financial statements, the Chinese version shall prevail.

(English Translation of Consolidated Financial Statements and Report Originally Issued in Chinese) MOTECH INDUSTRIES INC. AND ITS SUBSIDIARIES

Consolidated Balance Sheets
December 31, 2016 and 2015
(Expressed in Thousands of New Taiwan Dollars)

Possenher 11 2016 December 11 2015		\$ 6,382,125 21 4,651,725 14	loss (note 6(b)) 5,453 - 1,615 -	4,702,460 15 5,485,281 16	1,315,535 4 1,460,267 5	- 42,450 -	33,711 - 35,168 -	303,631 1 332,151 1	1,385,333 5 1,110,428 3	14,128,248 46 13,119,085 39		3,162,944 10 5,660,469 17	111,887 - 100,520 1	- 68,656 - 64,907 -	16,716 - 16,999	3,360,203 10 5,842,895 18	17,488,451 56 18,961,980 57	6(p), 6(q), 6(r)	4,883,199 16 4,866,924 14	9,463,351 31 10,056,205 30	(909,253) (3) (639,611) (2)	(333,917) (1) 14,241 -	<u>- (519) - (650) - </u>	13,102,730 43 14,297,144 42	198,874 1 225,659 1	13,301,604 44 14,522,803 43	S 30,790,055 100 33,484,783 100
	Liabilities and Equity Current liabilities:	00 Short-term borrowings (notes 6(j) and 8)	20 Current financial liabilities at fair value through profit or loss (note 6(b))	70 Notes and accounts payable	00 Other payables	50 Current tax liabilities	50 Current provisions (note 6(l))	00 Other current liabilities	20 Long-term liabilities, current portion (notes 6(k) and 8)	Total current liabilities	Non-Current liabilities:	10 Long-term bоттоwings (notes 6(k) and 8)	50 Non-current provisions (note 6(1))	70 Deferred tax liabilities (note 6(0))	70 Other non-current liabilities, others	Total non-current liabilities	Total liabilities	Equity attributable to owners of parent (notes $6(f)$, $6(o)$, $6(p)$, $6(q)$, $6(r)$ and $6(y)$):	30 Ordinary share	30 Capital surplus	51 Accumulated deficit	30 Other equity interest	30 Treasury shares	Total equity attributable to owners of parent	xx Non-controlling interests	Total equity	Total liabilities and equity
		2100	2120	2170	2200	2230	2250	2300	2320			2540	2550	2570	2670				3100	3200	3351	3400	3500		36xx		
2015	%	21	•	21	7	•	6	S	•	88		1	1	34	7	es	3	42									뻬
December 31 2015	Amount	7,189,597	78	7,020,603	831,170	5,424	2,912,720	1,665,724	64,662	19,689,978		48,036	57,650	11,188,939	604,899	872,652	1,022,629	13,794,805									33,484,783
		31		21	7		7	7	-	호		,		8	7	7	7	36									의
December 31 2016	Amount	\$ 9,230,459	9	6,603,413	712,125	45,215	2,124,151	585,033	349,254	19,649,656		48,359	131,889	9,170,870	558,118	479,770	751,393	11,140,399									\$ 30,790,055
	Assets Current assets:	0 Cash and cash equivalents (note 6(a))	 Ourrent financial assets at fair value through profit or loss (note 6(b)) 	0 Notes and accounts receivable, net (notes 6(c) and 8)	Other receivables, net (notes 6(c) and 8)	.0 Current tax assets	inventories (notes 6(d), 6(v) and 10)	0 Prepayments (note 6(l))	0 Other current assets (note 6(i))	Total current assets	Non-current assets:	 i0 Investments accounted for using equity method (notes 6(e) and 6(f)) 	Non-current available-for-sale financial assets (note 6(b))	10 Property, plant and equipment (notes 6(g), 6(r), 6(v), 8, 10 and 14)	to Intangible assets (notes 6(h), 6(r) and 6(v))	10 Deferred tax assets (note 6(0))	00 Other non-current assets (notes 6(c), 6(l), 6(n) and 8)	Total non-current assets									Total assets
		8	2	1170	1200	1220	130x	1410	1470			1550	1523	1600	1780	1840	1900										

(English Translation of Consolidated Financial Statements and Report Originally Issued in Chinese) MOTECH INDUSTRIES INC. AND ITS SUBSIDIARIES

Consolidated Statements of Comprehensive Income

For the years ended December 31, 2016 and 2015

(Expressed in Thousands of New Taiwan Dollars, Except for Earnings Per Common Share)

Properting revenues Properting revenues (Properting revenues and expenses (Properting revenues			2016		2015	
100			Amount	%	Amount	%
100		Operating revenues:				
1	4100		\$ 29,099,519	100	25,255,502	102
Sales allowances 1.0				_	• •	(2)
Net operating revenues (note 6(1)) Q. 47,41,515 100 500 Operating costs (notes 6(d), 6(g), 6(h), 6(h), 6(h), 6(q) and 9) 27,434,641 2 140,239 2 600 Operating cyenness (notes 6(c), 6(g), 6(h), 6(m), 6(q), and 7) 3 1,21,249 2 164,095 2 6100 Selling expenses (79,348) (2) 369,095 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 166,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2 186,000 2		Sales allowances	(14,212)	-		
Post		Net operating revenues (note 6(t))		100		100
Process profit from operations	5000					(93)
Selling expenses (notes 6(c), 6(g), 6(h), 6(m), 6(q) and 7): Selling expenses			•			
6106 Selling expenses (296,359) (1) (374,484) (2) 6200 Administrative expenses (779,488) (2) (664,782) (2) 6300 Research and development expenses (312,199) (2) (465,922) (2) 7000 Net operating profit (loss) - 13,660.8 - 13,660.8 - 7010 Other income (and expenses) - 46,687.9 (3) (5) 1,000.0 - 7020 Other gains and losses (note 6(y), 6(y), 6(y), 10 and 14) 66,867 - 130,301.9 - - 101,303.31 - - 101,303.31 - - 101,303.31 - - 101,303.31 - - 101,303.31 -						
6200 Administrative expenses (779,488) (2) (656,522) (2) 6300 Research and development expenses (511,190) (2) (455,222) (2) 7000 Total operating profit (Joss) (313,600) (1) (136,600) 7 7001 Other income (Good 6(v)) 24725 39,066 8 7002 Other gains and losses (andes 6(d), 6(g), 6(h), 6(v), 10 and 14) 66,867 (2) (130,331) 1 7003 Finance costs (note 6(v)) (246,889) (3) (307,992) (1) 7004 Finance costs (note 6(v)) (246,889) (3) (307,992) (1) 7007 Total non-operating income and expenses (358,800) (2) (11,303) (1) 7008 Exerce of profit of associates accounted for using equity method (note 6(e)) (358,800) (2) (17,303) (1) 7015 Lass felore of tax (358,800) (2) (17,303) (1) 8200 Less: stace expense (note 6(e)) (4520) (4520) (4520) (4520) (4520) (4520) (4520) (4520) (4520) (6100		(296,359)	(1)	(379,484)	(2)
6300 Research and development expenses (512,109) (2) (455,022) (2) Total operating expenses (1,588,037) (3) (1,510,188) 70 Non-operating income and expenses: 7010 Other income (note 6(V)) 24,725 3,9066 2 3,9066 2 10,133 2 10,100 2 1,105 3 1,105 3 1,105 2 1,105 3 1,105 3 1,105 3 1,105		• .	(779,488)		(664,782)	
Total operating expenses 1,588,037 1,510,188 1,7 Net operating profit (loss) 1,36,008 1,36,00		•	(512,190)		(465,922)	(2)
Net operating profit (loss) Non-operating income and expenses:			(1,588,037)	(5)	(1,510,188)	(7)
Non-operating income and expenses:			(373,606)	<u>_(1)</u>	136,608	<u></u>
Other income (note 6(v))						
7020 Other gains and losses (notes 6(4)), 6(g), 6(h), 6(v), 10 and 14) 66,867 (130,331) - 7050 Finance costs (note 6(v)) (246,889) (1) (217,922) (1) 7050 Finance osts (note 6(v)) - 1,196 - 1,196 - 7071 Total non-operating income and expenses (528,800) (2) (171,383) (1) 7950 Less: tax expense (note 6(o)) (383,964) (1) (458,303) (2) 8300 Other comprehensive income: 1 (191,764) (3) (629,686) (3) 8311 Remeasurements of defined benefit plans (4,520) (1,870) - (1,870) - 8341 Less: income tax related to items that may not be reclassified subsequently to profit or loss (3,752) (1,520) (1,870) - 8341 Less: income tax related to items that may not be reclassified subsequently to profit or loss (3,752) (1,525) - (1,525) - - - - - - - - - - -	7010		24,725	-	39,066	-
Share of profit of associates accounted for using equity method (note 6(e)) Total non-operating income and expenses (155,194) (1) (307,991) (1) (307	7020		66,867	-	(130,331)	-
7600 Share of profit of associates accounted for using equity method (note 6(e)) 10.1 1.196 − 7671 Total non-operating income and expenses (155,194) (1 307,999) (1) 7870 Less: tax expense (note 6(o)) (383,964) (1 438,303) (2) 8300 Other comprehensive income: - - 10,870 1,870 - 1,870 - 1,870 - 1,870 - - 1,870 -	7050	Finance costs (note 6(v))	(246,889)	(1)	(217,922)	(1)
	7060		103		1,196	
	7671	Total non-operating income and expenses	(155,194)	(1)	(307,991)	(1)
Loss Coten comprehensive income:			(528,800)	(2)	(171,383)	(1)
	7950	Less: tax expense (note 6(0))	(383,964)	_(1)	(458,303)	<u>(2</u>)
Remeasurements of defined benefit plans		Loss	(912,764)	(3)	(629,686)	(3)
Remeasurements of defined benefit plans	8300	Other comprehensive income:				
Rest income tax related to items that may not be reclassified subsequently to profit or loss 3,752 -	8310	Items that may not be reclassified subsequently to profit or loss (notes 6(n) and 6(o))				
Total items that may not be reclassified subsequently to profit or loss (notes 6(o) and 6(q))	8311	Remeasurements of defined benefit plans	(4,520)	-	(1,870)	-
	8349	Less: income tax related to items that may not be reclassified subsequently to profit or loss	768		318	<u>.</u>
Exchange differences on translation of foreign financial statements (416,520 (1) (21,631) - (21,631		Total items that may not be reclassified subsequently to profit or loss	(3,752)		(1,552)	
8362 Available-for-sale financial assets 79,041 - - - 8399 Less: income tax related to items that may be reclassified subsequently to profit or loss (11,856) - - - - 8300 Other comprehensive income, net of tax (353,087) (1) (21,631) - 8300 Other comprehensive income \$ (1,265,851) (4) (652,869) (3) Loss attributable to: 8610 Owners of parent \$ (905,501) (3) (638,059) (3) 8620 Non-controlling interests \$ (7,263) - 8,373 - Comprehensive income attributable to: 8710 Owners of parent \$ (1,243,443) (4) (656,628) (3) 8720 Non-controlling interests \$ (22,408) - 3,759 - 8720 Non-controlling interests \$ (1,265,851) (4) (652,869) (3) Earnings per common share (expressed in New Taiwan Dollars) (note 6(s)) Basic earnings per share \$ (1.86) (1.86) (1.87)	8360	Items that may be reclassified subsequently to profit or loss (notes 6(0) and 6(q))				
Less: income tax related to items that may be reclassified subsequently to profit or loss (11,856) - - - -	8361	Exchange differences on translation of foreign financial statements	(416,520)	(1)	(21,631)	-
Total items that may be reclassified subsequently to profit or loss (349,335) (1) (21,631) - (23,183) - (23,18	8362	Available-for-sale financial assets	79,041	-	-	-
Sample Constraint Constra	8399	Less: income tax related to items that may be reclassified subsequently to profit or loss	(11,856)	<u>-</u>		
Total comprehensive income S (1,265.851) (4) (652,869) (3)		Total items that may be reclassified subsequently to profit or loss	(349,335)	(1)	<u>(21,631</u>)	<u></u>
Solid Cowners of parent \$ (905,501) (3) (638,059) (3)	8300	Other comprehensive income, net of tax	(353,087)	(1)	(23,183)	<u>-</u>
8610 Owners of parent \$ (905,501) (3) (638,059) (3) 8620 Non-controlling interests (7,263) - 8,373 - Comprehensive income attributable to: 8710 Owners of parent \$ (1,243,443) (4) (656,628) (3) 8720 Non-controlling interests \$ (22,408) - 3,759 - \$ (1,265,851) (4) (652,869) (3) Earnings per common share (expressed in New Taiwan Dollars) (note 6(s)) 9710 Basic earnings per share \$ (1.86) (1.37)		Total comprehensive income	\$ <u>(1,265,851</u>)	(4)	<u>(652,869</u>)	(3)
8620 Non-controlling interests (7,263) - 8.373 - Comprehensive income attributable to: 8710 Owners of parent \$ (1,243,443) (4) (656,628) (3) 8720 Non-controlling interests (22,408) - 3,759 - \$ (1,265,851) (4) (652,869) (3) Earnings per common share (expressed in New Taiwan Dollars) (note 6(s)) 9710 Basic earnings per share \$ (1.86) (1.37)		Loss attributable to:				
S 912,764 3 (629,686 3 1 2 2 2 2 2 2 2 2 2	8610	Owners of parent		(3)	, , ,	(3)
Comprehensive income attributable to: 8710 Owners of parent \$ (1,243,443) (4) (656,628) (3) 8720 Non-controlling interests (22,408) - 3,759 - \$ (1,265,851) (4) (652,869) (3) Earnings per common share (expressed in New Taiwan Dollars) (note 6(s)) 9710 Basic earnings per share \$ (1.86) (1.37) 1	8620	Non-controlling interests		<u>-</u>		
8710 Owners of parent \$ (1,243,443) (4) (656,628) (3) 8720 Non-controlling interests \$ (22,408) - 3,759 - \$ (1,265,851) (4) (652,869) (3) Earnings per common share (expressed in New Taiwan Dollars) (note 6(s)) 9710 Basic earnings per share \$ (1.86) (1.37)			\$ <u>(912,764</u>)	<u>(3)</u>	(629,686)	<u>(3)</u>
8720 Non-controlling interests		-				
\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	8710	Owners of parent		(4)		(3)
Earnings per common share (expressed in New Taiwan Dollars) (note 6(s)) 9710 Basic earnings per share \$	8720	Non-controlling interests	•			<u>-</u>
9710 Basic earnings per share \$			\$ <u>(1,265,851</u>)	(4)	(652,869)	(3)
9810 Diluted earnings per share \$ (1.86) (1.37)		· · · · · · · · · · · · · · · · · · ·				
	9810	Diluted earnings per share	\$	<u>(1.86</u>)		<u>(1.37</u>)

(English Translation of Consolidated Financial Statements and Report Originally Issued in Chinese) MOTECH INDUSTRIES INC. AND ITS SUBSIDIARIES

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Consolidated Statements of Changes in Equity For the years ended December 31, 2016 and 2015 (Expressed in Thousands of New Taiwan Dollars)

					Equity attribut	Equity attributable to owners of parent	of parent						
					1		Total other equity interest	ity interest					
					P	=	Unrealized	Other-					
		•	Rei	Retained earnings		translation g of foreign o	gains (losses) on available-	unearned portion of			Total equity attributable	Non-	
	Ordinary	Capital	Legal	Special	Accumulated		for-sale	restricted	Ē	Treasury	to owners	controlling	
Beginning balance on January 1, 2015	\$ 4,397,564	9,439,269	25,186	60,132	(838,689)	41.979	Illiancial assets	(18.317)	23.662	suares	13,107,124	4.662	13.111.786
Net loss in 2015					(638,059)		ļ.				(638,059)	8,373	(629,686)
Other comprehensive income in 2015	•			1	(1.552)	(17,017)	•	•	(17,017)	,	(18,569)	(4.614)	(23,183)
Total comprehensive income			•		(639,611)	(17,017)		,	(17,017)	•	(656,628)	3,759	(652,869)
Appropriation and distribution of retained camings:			(o. 10)		301.30								
Legal reserve used to offset accumulated deficits Secretal research used to offset accumulated deficits	• 1	• •	(081,62)	. (60 133)	23,186		•	•		•	, 1		
Other changes in capital surplus:	•	•	•	(201,00)	00,132	1	ļ	,	•	•	•	•	•
Capital surplus used to offset accumulated deficits	•	(753,371)	ı	,	753,371		•	•	ı	į	•	•	•
Recognized changes in an investor's ownership interest in													
investments accounted for using equity method		148			•	,					148		148
Recognized changes in a parent's ownership interest in subsidiaries		177,322					•	,		,	177,322	217,238	394,560
Shares issued for pursuant to acquisitions	456,720	1,171,487						•	•		1,628,207		1,628,207
Compensation cost arising from restricted shares of stock issued to		;											
employees	•	33,375		•	1	ŀ		7,596	7,596	•	40,971		40,971
Issuance of restricted shares of stock for employees	15,000	(15,000)		•	•	•	•	,	ı	r	•	•	•
Purchase and retirement of restricted shares of stock for employees	(2,360)	2 975								(615)			1
Balance at December 31, 2015	4,866,924	10,056,205			(639,611)	24,962	1	(10,721)	14,241	(615)	14,297,144	225,659	14,522,803
Net loss in 2016		•			(905,501)		•		•	1	(905,501)	(7,263)	(912,764)
Other comprehensive income in 2016	,				(3,752)	(398,277)	64,087		(334,190)	'	(337,942)	(15,145)	(353,087)
Total comprehensive income					(909,253)	(772,865)	64,087		(334,190)		(1,243,443)	(22,408)	(1,265,851)
Other changes in capital surplus:													
Recognized changes in an investor's ownership interest in investments accounted for using contity method	•	220	•	•	·	,	•	•	•	•	220	•	220
Capital surplus used to offset accumulated deficits	•	(639,611)	ı		639,611		•		1	1	Ì	•	i
Difference between consideration and carrying amount of subsidiaries													
acquired or disposed (acquisition of ownership interests in		,											
subsidiaries from non-controlling interests)		(1,703)		•		,	,		•	•	(1,703)	(4,377)	(6,080)
Compensation cost arising from restricted shares of stock issued to		007 77						(8)0.617	(0)0 117		213 63		61.9
employees		04,450					•	(13,968)	(13,968)	ı	71c'0c	•	50,512
Issuance of restricted shares of stock for employees	20,200	(20,200)	•	1	ı	•	,		•	•	•		
icted shares of stock for employees		3,900	اً			•	•			3			
Balance at December 31, 2016	\$ 4,883,199	9,463,351			(909,253)	(373,315)	64,087	(24,689)	(333,917)	(650)	13,102,730	198,874	13,301,604

(English Translation of Consolidated Financial Statements and Report Originally Issued in Chinese) MOTECH INDUSTRIES INC. AND ITS SUBSIDIARIES

Consolidated Statements of Cash Flows

For the years ended December 31, 2016 and 2015

(Expressed in Thousands of New Taiwan Dollars)

		2016 .	2015
Cash flows from (used in) operating activities: Loss before tax	s	(528.800)	(171,383)
Adjustments:		(328.800)	(171,505)
Adjustments to reconcile profit (loss):			
Depreciation expense		2,333,490	1,959,370
Amortization expense		65,573	43,162
Interest expense		246,889	217,922
Interest income		(24,725)	(39,066)
Compensation cost arising from restricted shares of stock		50,512	40,971
Unrealized exchange loss on short-term and long-term borrowings		22,299	34,990
Share of profit of subsidiaries and associates accounted for using equity method		(103)	(1,196)
Loss on disposal of property, plant and equipment Property, plant and equipment and prepayments for equipment transferred to expense		60,139 23,437	1,274 312
Impairment loss on non-financial assets		216,325	60,536
Losses on machinery due to disaster		289,683	264,013
Total adjustments to reconcile profit (loss)		3.283.519	2,582,288
Changes in operating assets:			
Current financial assets at fair value through profit or loss		72	1,417
Notes and accounts receivable		31,633	(1,505,465)
Other receivables		237,694	(441,104)
Inventories		679,608	(95,932)
Prepayments to suppliers		1,475,561	(20,349)
Prepaid pension cost		(2,839)	(2,770)
Prepaid expenses		(95,346)	(98,607)
Other current assets		(302,552)	20,136
Lease receivables — non-current		2.855	3,222
Total changes in operating assets		2,026.686	(2.139,452)
Current financial liabilities at fair value through profit or loss Notes and accounts payable		3,838 (501,896)	(8,639) 1,205,097
Other payables		(86,303)	258,315
Warranty provision		12,760	4,766
Other current liabilities and advance sales receipts		(18.612)	115,209
Total changes in operating liabilities		(590.213)	1.574.748
Cash inflow generated from operations		4,191,192	1,846,201
Income taxes paid		(93,494)	(54,393)
Net cash flows from operating activities		4,097,698	1.791.808
Cash flows from (used in) investing activities:			
Acquisition of available-for-sale financial assets		-	(57,650)
Acquisition of property, plant and equipment		(526,364)	(198,893)
Proceeds from disposal of property, plant and equipment		33,260	3,282
Increase in refundable deposits		(9,554)	(38,873)
Decrease (increase) in other receivables (restricted deposit)		(173,435)	467,750
Acquisition of intangible assets		(18,335)	(16,788)
Net cash inflows from business combination Increase in prepayments for equipment		(708,880)	834,955 (795,673)
Interest received		23,952	39,444
Net cash flows from (used in) investing activities	-	(1.379.356)	237.554
Cash flows from (used in) financing activities:		(1,5/7,550)	251,551
Acquisition of ownership interests in subsidiaries from non-controlling interest		(6,080)	_
Increase in short-term borrowing		9,821,050	3,929,050
Decrease in short-term borrowing		(7,939,692)	(5,147,970)
Proceeds from long-term debt		303,990	9,889,705
Principal repayments on long-term borrowings		(2,529,808)	(10,821,701)
Increase in guarantee deposits received		1,631	5,629
Decrease in lease payable		(507)	(1,311)
Interest paid		(239.077)	(225,932)
Net cash flows used in financing activities		(588,493)	(2.372.530)
Effect of exchange rate changes on cash and cash equivalents		(88,987)	(15.070)
Net increase (decrease) in cash and cash equivalents		2,040,862	(358,238)
Cash and cash equivalents at beginning of period		7.189.597	7.547.835
Cash and cash equivalents at end of period	•	9,230,459	7,189,597

(English Translation of Consolidated Financial Statements and Report Originally Issued in Chinese) MOTECH INDUSTRIES INC. AND ITS SUBSIDIARIES

Notes to the Consolidated Financial Statements

For the years ended December 31, 2016 and 2015

(Expressed in Thousands of New Taiwan Dollars, Unless Otherwise Specified)

(1) Company history

MOTECH Industries Inc. (the Company) was incorporated on June 3, 1981, as a company limited by shares and registered under the Ministry of Economic Affairs (MOEA) of the Republic of China (R.O.C.). The address of the Company's registered office is 6F, No. 248, Sec. 3, Pei-Shen Rd., Shen-Keng Dist., New Taipei City 222, Taiwan. The consolidated financial statements comprise the Company and its subsidiaries (together referred to as the Group and individually as Group entities) and the Group's interest in associates and jointly controlled entities.

In order to improve operation performance and expand business scale, the Company merged Topcell Solar International Co., Ltd. (referred to as the TSi) according to the M&A Law and other relevant regulations and approved by resolution of shareholders meeting on March 2, 2015. According to release letter from Financial Supervisory Commission, the aforementioned resolution has declared and become effective on April 29, 2015. The Company merged with TSi through stock exchange with 1 share for 6 shares of TSi as the contract specified. After the effective date of combination, June 1, 2015, the Company is remaining and TSi is liquidated. Please refer to note 6(r).

The Group's major operating activities are the manufacturing, marketing, and sale of solar cells, silicon wafers, solar modules, and photovoltaic inverters, and the marketing, design, and installation of solar electricity systems.

(2) Approval date and procedures of the consolidated financial statements

The consolidated financial statements were authorized for issuance by the board of directors on March 6, 2017.

(3) New standards, amendments and interpretations adopted

(a) Impact of the International Financial Reporting Standards ("IFRSs") endorsed by the Financial Supervisory Commission, R.O.C. ("FSC") but not yet in effect

According to Ruling No. 1050026834 issued on July 18, 2016, by the FSC, public entities are required to conform to the IFRSs, which were issued by the International Accounting Standards Board (IASB) before January 1, 2016, and were endorsed by the FSC on January 1, 2017, in preparing their financial statements. The related new standards, interpretations and amendments are as follows:

New, Revised or Amended Standards and Interpretations	Lifective date per LASB
Amended IFRS 10, IFRS 12 and IAS 28 "Investment Entities: Applying the Consolidation Exception"	January 1, 2016
Amended IFRS 11 "Accounting for Acquisitions of Interests in Joint Operations"	January 1, 2016

New, Revised or Amended Standards and Interpretations	Effective date per IASB
IFRS 14 "Regulatory Deferral Accounts"	January 1, 2016
Amended IAS 1 "Disclosure Initiative"	January 1, 2016
Amended IAS 16 and IAS 38 "Clarification of Acceptable Methods of Depreciation and Amortization"	January 1, 2016
Amended IAS 16 and IAS 41 "Agriculture: Bearer Plants"	January 1, 2016
Amended IAS 19 "Defined Benefit Plans: Employee Contributions"	July 1, 2014
Amended IAS 27 "Equity Method in Separate Financial Statements"	January 1, 2016
Amended IAS 36 "Recoverable Amount Disclosures for Non-Financial Assets"	January 1, 2014
Amended IAS 39 "Novation of Derivatives and Continuation of Hedge Accounting"	January 1, 2014
Annual improvements cycles 2010-2012 and 2011-2013	July 1, 2014
Annual improvements cycle 2012-2014	January 1, 2016
IFRIC 21 "Levies"	January 1, 2014

The Group assessed that the initial application of the above IFRSs will not cause any material impact on its consolidated financial statements.

(b) Newly released or amended standards and interpretations not yet endorsed by the FSC

A summary of the new standards and amendments issued by the IASB that has not yet endorsed by the FSC. The FSC announced that the Group should apply IFRS 9 and IFRS 15 starting January 1, 2018. As of the date the Group's financial statements were issued, the FSC has yet to announce the effective dates of the other IFRSs. As of the end of reporting date is as follows:

New, Revised or Amended Standards and Interpretations	Effective date per IASB
IFRS 9 "Financial Instruments"	January 1, 2018
Amendments to IFRS 10 and IAS 28 "Sale or Contribution of Assets Between an Investor and Its Associate or Joint Venture"	Effective date to be determined by IASB
IFRS 15 "Revenue from Contracts with Customers"	January 1, 2018
IFRS 16 "Leases"	January 1, 2019
Amendment to IFRS 2 "Clarifications of Classification and Measurement of Share-based Payment Transactions"	January 1, 2018
Amendment to IFRS 15 "Clarifications of IFRS 15"	January 1, 2018
Amendment to IAS 7 "Disclosure Initiative"	January 1, 2017

Notes to Consolidated Financial Statements

New, Revised or Amended Standards and Interpretations	Effective date per IASB
Amendment to IAS 12 "Recognition of Deferred Tax Assets for Unrealized	January 1, 2017
Losses"	
Amendments to IFRS 4 " Insurance Contracts" ("Applying IFRS 9 Financial	January 1, 2018
Instruments with IFRS 4 Insurance Contracts")	
Annual Improvements to IFRS Standards 2014–2016 Cycle:	
IFRS 12 "Disclosure of Interests in Other Entities"	January 1, 2017
IFRS 1 "First-time Adoption of International Financial Reporting	January 1, 2018
Standards" and IAS 28 "Investments in Associates and Joint Ventures"	
IFRIC 22 "Foreign Currency Transactions and Advance Consideration"	January 1, 2018
Amendments to IAS 40 "Investment Property"	January 1, 2018

The Group is still currently determining the potential impact of the standards listed below:

Issuance / R	elease	١
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Issuance / Release		
Dates	Standards or Interpretations	Content of amendment
May 28, 2014 April 12, 2016	IFRS 15 "Revenue from Contracts with Customers"	IFRS 15 establishes a five-step model for recognizing revenue that applies to all contracts with customers, and will supersede IAS 18 "Revenue," IAS 11 "Construction Contracts," and a number of revenue-related interpretations.
		Final amendments issued on April 12, 2016, clarify how to (i) identify performance obligations in a contract; (ii) determine whether a company is a principal or an agent; (iii) account for a license for intellectual property (IP); and (iv) apply transition requirements.

Notes to Consolidated Financial Statements

Issuance / Release

July 24, 2014

Dates

Standards or Interpretations

November 19, 2013 IFRS 9 "Financial Instruments"

Content of amendment

The new standard will replace IAS 39 "Financial Instruments: Recognition and Measurement", and the main amendments are as follows:

- Classification and measurement: Financial assets are measured at amortized cost, fair value through profit or loss, or fair value through other comprehensive income, based on both the entity's business model for managing the financial assets and the financial assets' contractual cash flow characteristics. Financial liabilities are measured at amortized cost or fair value through profit or loss. Furthermore, there is a requirement that "own credit risk" adjustments be measured at fair value through other comprehensive income.
- Impairment: The expected credit loss model is used to evaluate impairment.
- Hedge accounting: Hedge accounting is more closely aligned with risk management activities, and hedge effectiveness is measured based on the hedge ratio.

The new standard of accounting for lease is amended as follows:

- For a contract that is, or contains, a lease, the lessee shall recognize a right-of-use asset and a lease liability in the balance sheet. In the statement of profit or loss and other comprehensive income, a lessee shall present interest expense on the lease liability separately from the depreciation charge for the right-of use asset during the lease term.
- A lessor classifies a lease as either a finance lease or an operating lease, and therefore, the accounting remains similar to IAS 17.

The Group is evaluating the impact on its financial position and financial performance upon the initial adoption of the abovementioned standards or interpretations. The results thereof will be disclosed when the Group completes its evaluation.

January 13, 2016 IFRS 16 "Leases"

Notes to Consolidated Financial Statements

(4) Summary of significant accounting policies

The significant accounting policies presented in the consolidated financial statements are summarized below. The following accounting policies have been applied consistently to all periods presented in consolidated financial statements, except when otherwise indicated.

(a) Statement of compliance

These accompanying consolidated financial statements have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers (hereinafter referred to as "the Regulations") and the International Financial Reporting Standards, International Accounting Standards, IFRIC Interpretations and SIC Interpretations endorsed by the FSC (hereinafter referred to as the IFRS endorsed by the FSC).

(b) Basis of preparation

(i) Basis of measurement

The consolidated financial statements have been prepared on a historical cost basis except for the following material items in the balance sheets:

- 1) Financial instruments measured at fair value through profit or loss are measured at fair value (including derivative financial instruments);
- 2) Available-for-sale financial assets are measured at fair value;
- 3) The defined benefit asset is recognized as plan assets, plus unrecognized past service cost and unrecognized actuarial losses, less the present value of the defined benefit obligation.

(ii) Functional and presentation currency

The functional currency of each Group entity is determined based on the primary economic environment in which the entity operates. The Group's consolidated financial statements are presented in New Taiwan dollars (TWD), which is the Company's functional currency. All financial information presented in TWD has been rounded to the nearest thousand.

(c) Basis of consolidation

(i) Principles of preparation of the consolidated financial statements

The consolidated financial statements comprise the Company and its subsidiaries. When the Company is exposed to the variable remuneration from investing on other individual or haring the rights of the remuneration, also, is able to influence the rewards, the Company controls the individual.

Notes to Consolidated Financial Statements

The financial statements of subsidiaries are included in the consolidated financial statements from the date that control commences until the date that control ceases. Transactions, balances and any other unrealized profit and loss between the Company and other subsidiaries are all eliminated while preparing the consolidated financial reports. Comprehensive income (loss) of subsidiaries belongs to the owner of the Company and the non-controlling interest respectively. Losses applicable to the non-controlling interests in a subsidiary are allocated to the non-controlling interests, even if doing so causes the non-controlling interests to have a deficit balance.

Financial reports of subsidiaries had been adjusted properly and the accounting policies used in subsidiaries are same to the Group's.

Changes in the Group's ownership interest in a subsidiary that do not result in a loss of control are accounted for as equity transactions. Differences between the amount paid or received from fair value and the adjustment of the non-controlling interest are directly realized to the equity and belong to the owners of the Company.

(ii) List of subsidiaries in the consolidated financial statements

			Sharel	nolding	
Name of investor	Name of subsidiary	Principal activity	December 31, 2016	December 31, 2015	Note
The Company	Power Islands Limited (Power Islands)	Holding company	100 %	100 %	
The Company	Think Global Enterprises Limited (Think Global)	Commission trade, goods delivery and trading	100 %	100 %	
Power Islands	Motech (Suzhou) Renewable Energy Co., Ltd. (SNE)	Manufacturing and processing, solar cells, and solar modules	95.39 %	95,39 %	
Power Islands	Cheer View Investment Limited (Cheer View)	Holding company	100 %	100 %	
Power Islands	Noble Town Holdings Co., Ltd. (Noble Town)	Holding company	100 %	100 %	
Noble Town	Motech Americas, LLC (MA)	Solar module trading	100 %	100 %	
Noble Town	Motech Japan Inc. (MJ) (Original name: Itogumi Motech Inc., Note 1)	Solar module trading	100 %	95 %	
SNE	Motech (Xuzhou) Renewable Energy Co., Ltd. (XNE)	Manufacturing and processing solar cells	100 %	-	(Note 2)
SNE	Motech (Ma-Anshan) Renewable Energy Co., Ltd. (MAS)	Manufacturing and processing, solar cells, and solar modules	100 %	-	(Note2)

Note 1: In 2016, Noble Town acquired 5% ownership of Itogumi Motech Inc. from non-controlling interests and renamed Itogumi Motech Inc. to Motech Japan Inc..

Note 2: XNE and MAS acquired their business license in December 2015. However, no capital injection had been made and conducted the business as of December 31, 2015.

(iii) Subsidiaries excluded from the consolidated financial statements: None.

Notes to Consolidated Financial Statements

(d) Foreign currency transactions

Transactions in foreign currencies are translated to the respective functional currencies of Group entities at the exchange rates of the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are retranslated to the functional currency at the exchange rate of that date. The foreign currency gain or loss on monetary items is the difference between the amortized cost in the functional currency at the beginning of the year adjusted for the effective interest and the payments during the period, and the amortized cost in foreign currency translated at the exchange rate at the reporting date.

Non-monetary assets and liabilities denominated in foreign currencies that are measured at fair value are retranslated to the functional currency at the exchange rate of the date that the fair value was determined. Non-monetary items in a foreign currency that are measured based on historical cost are translated using the exchange rate at the date of translation.

Foreign currency differences arising from retranslation are recognized in profit or loss, except for the following differences which are recognized in other comprehensive income arising from the retranslation:

- available-for-sale equity investment;
- financial liability designated as a hedge of the net investment in a foreign operation to the extent that the hedge is effective; or
- qualifying cash flow hedges to the extent the hedge is effective.

(i) Foreign operations

The assets and liabilities of foreign operations, including goodwill and fair value adjustments arising on acquisition, are translated to the Group's functional currency at the exchange rates of the reporting date. The income and expenses of foreign operations, excluding foreign operations in hyperinflationary economies, are translated to the Group's functional currency at the average rate. Foreign currency differences are recognized in other comprehensive income, and presented in the exchange differences on translation of foreign financial statements in equity.

However, if the foreign operation is a non-wholly owned subsidiary, then the relevant proportion of the translation difference is allocated to non-controlling interests. When a foreign operation is disposed of such that control, significant influence, or joint control is lost, the cumulative amount in the translation reserve related to that foreign operation is reclassified to profit or loss as part of the gain or loss on disposal. When the Group disposes of any part of its interest in a subsidiary that includes a foreign operation while retaining control, the relevant proportion of the cumulative amount is reattributed to non-controlling interest. When the Group disposes of only part of investment in an associate or joint venture that includes a foreign operation while retaining significant or joint control, the relevant proportion of the cumulative amount is reclassified to profit or loss.

Notes to Consolidated Financial Statements

When the settlement of a monetary item receivable from or payable to a foreign operation is neither planned nor likely in the foreseeable future, the foreign currency gains and losses arising from such items are considered to form part of a net investment in the foreign operation and are recognized in other comprehensive income, and presented in exchange differences on translation of foreign financial statements in equity.

(e) Classification of current and non-current assets and liabilities

An entity shall classify an asset as current when:

- (i) It expects to realize the asset, or intends to sell or consume it, in its normal operating cycle;
- (ii) It holds the asset primarily for the purpose of trading;
- (iii) It expects to realize the asset within twelve months after the reporting period; or
- (iv) If the asset is cash or a cash equivalent unless the asset is restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period.

An entity shall classify all other assets as non-current.

An entity shall classify a liability as current when:

- (i) It expects to settle the liability in its normal operating cycle;
- (ii) It holds the liability primarily for the purpose of trading;
- (iii) The liability is due to be settled within twelve months after the reporting period; or
- (iv) It does not have an unconditional right to defer settlement of the liability for at least twelve months after the reporting period. Terms of a liability that could, at the option of the counterparty, result in its settlement by the issue of equity instruments do not affect its classification.

An entity shall classify all other liabilities as non-current.

(f) Cash and cash equivalents

Cash and cash equivalents comprise cash, demand deposits, and call deposits that are subject to an insignificant risk of changes in their fair value, and are used by the Group in the management of its short-term commitments.

Time deposits with maturities of one year or less from the acquisition date that are held for the purpose of meeting short-term cash commitments rather than for investment or other purposes, and that are subject to an insignificant risk of changes in their fair value are recognized as cash and cash equivalents.

Notes to Consolidated Financial Statements

(g) Financial instruments

Financial assets and financial liabilities are initially recognized when the Group becomes a party to the contractual provisions of the instruments.

(i) Financial assets

The Group classifies financial assets into the following categories: financial assets at fair value through profit or loss, available-for-sale financial assets, and loans and receivables.

1) Financial assets at fair value through profit or loss

A financial asset is classified in this category if acquired principally for the purpose of selling or repurchasing in the short term. This type of financial asset is measured at fair value at the time of initial recognition, and attributable transaction costs are recognized in profit or loss as incurred. Financial assets at fair value through profit or loss are measured at fair value, and changes therein, which take into account any dividend and interest income, are recognized in profit or loss and are included in other gains and losses under non-operating income and expenses. A regular way purchase or sale of financial assets shall be recognized and derecognized, as applicable, using trade-date accounting.

Investment in equity instruments that do not have a quoted market price in an active market, and whose fair value cannot be reliably measured, are measured at amortized cost, and are included in financial assets measured at cost.

2) Available-for-sale financial assets

Available-for-sale financial assets are non-derivative financial assets that are designated as available-for-sale or are not classified in any of the other categories of financial assets. Available-for-sale financial assets are recognized initially at fair value plus any directly attributable transaction cost. Subsequent to initial recognition, they are measured at fair value, and changes therein, other than impairment losses, interest income calculated using the effective interest method, dividend income, and foreign currency differences on available-for-sale monetary items, are recognized in other comprehensive income and are presented in the fair value reserve in equity. When an investment is derecognized, the cumulative gain or loss in equity is reclassified to profit or loss, and it is included in other gains and losses under non-operating income and expenses. A regular way purchase or sale of financial assets shall be recognized and derecognized, as applicable, using trade-date accounting.

Notes to Consolidated Financial Statements

3) Loans and receivables

Loans and receivables are financial assets with fixed or determinable payments that are not quoted in an active market. Loans and receivables comprise trade receivables and other receivables. Such assets are recognized initially at fair value plus any directly attributable transaction costs. Subsequent to initial recognition, loans and receivables other than insignificant interest on short-term receivables are measured at amortized cost using the effective interest method, less any impairment losses. A regular way purchase or sale of financial assets shall be recognized and derecognized, as applicable, using trade-date accounting. Interest income is recognized in profit or loss, and is included in other income under non-operating income and expenses.

4) Impairment of financial assets

A financial asset is impaired if, and only if, there is any objective evidence of impairment as a result of one or more events that occurred after the initial recognition of the asset, and that loss event has an impact on the estimated future cash flows of the financial assets that can be estimated reliably.

Objective evidence that financial assets are impaired includes default or delinquency by a debtor, restructuring of an amount due to the Group on terms that the Group would not consider otherwise, indications that a debtor or issuer will enter bankruptcy, adverse changes in the payment status of borrowers or issuers, economic conditions that correlate with defaults, or the disappearance of an active market for a security.

All individually significant receivables are assessed for specific impairment. Receivables that are not individually significant are collectively assessed for impairment by grouping together assets with similar risk characteristics. In assessing collective impairment, the Group uses historical trends of the probability of default, the timing of recoveries, and the amount of loss incurred, adjusted for management's judgment as to whether current economic and credit conditions are such that the actual losses are likely to be greater or less than those suggested by historical trends.

The evidence of impairment for financial assets measured at amortized cost is considered at both an individual and collective level. All individually significant financial assets are assessed for specific impairment. All individually significant financial assets found not to be specifically impaired are then collectively assessed for any impairment that has been incurred but not yet identified. Financial assets that are not individually significant are collectively assessed for impairment by grouping together financial assets with similar risk characteristics. If, in a subsequent period, the amount of the impairment loss of a financial asset measured at amortized cost decreases and the decrease can be related objectively to an event occurring after the impairment was recognized, the decrease in impairment loss is reversed through profit or loss to the extent that the carrying value of the asset does not exceed its amortized cost before impairment was recognized at the reversal date.

Notes to Consolidated Financial Statements

For an investment in an equity security, a significant or prolonged decline in its fair value below its cost is accounted for as objective evidence of impairment. Impairment losses on available-for-sale financial assets are recognized by reclassifying the accumulated losses in the fair value reserve in equity to profit or loss. Impairment losses recognized on an available-for-sale equity security are not reversed through profit or loss. Any subsequent recovery in the fair value of an impaired available-for-sale equity security is recognized in other comprehensive income, and accumulated in other equity. If, in a subsequent period, the fair value of an impaired available-for-sale debt security increases and the increase can be related objectively to an event occurring after the impairment loss was recognized, then the impairment loss is reversed, with the amount of the reversal recognized in profit or loss.

An impairment loss in respect of a financial asset is reduced from the carrying amount except for trade receivables, for which an impairment loss is reflected in an allowance account against the receivables. When it is determined a receivable is uncollectible, it is written off from the allowance account. Any subsequent recovery of a receivable written off is recorded in the allowance account. Changes in the amount of the allowance account are recognized in profit or loss, and included in the general and administrative expenses.

Impairment losses and recoveries of financial assets, excluding trade receivables, are recognized in profit or loss, and they are included in other gains and losses under non-operating income and expenses.

5) Derecognition of financial assets

The Group derecognizes financial assets when the contractual rights of the cash inflow from the asset are terminated, or when the Group transfers substantially all the risks and rewards of ownership of the financial assets.

On derecognition of a financial asset in its entirely, the difference between the carrying amount and the sum of the consideration received or receivable and any cumulative gain or loss that had been recognized in other comprehensive income and presented in other equity — unrealized gains or losses on available-for-sale financial assets is recognized in profit or loss, and included in other gains and losses under non-operating income and expenses.

The Group separates the part that continues to be recognized and the part that is derecognized based on the relative fair values of those parts on the date of the transfer. The difference between the carrying amount allocated to the part derecognized and the sum of the consideration received for the part derecognized and any cumulative gain or loss allocated to it that had been recognized in other comprehensive income shall be recognized in profit or loss, and is included in other gains and losses under non-operating income and expenses.

Notes to Consolidated Financial Statements

A cumulative gain or loss that had been recognized in other comprehensive income is allocated between the part that continues to be recognized and the part that is derecognized based on the relative fair values of those parts.

(ii) Financial liabilities and equity instruments

1) Classification of debt or equity

Debt or equity instruments issued by the Group are classified as financial liabilities or equity in accordance with the substance of the contractual agreement.

Equity instruments refer to surplus equities of the assets after the deduction of all the debts for any contracts. Equity instruments issued are recognized as the amount of consideration received less the direct cost of issuing.

Interest related to a financial liability is recognized in profit or loss, and is included in other gains and losses under non-operating income and expenses. On conversion of the financial liabilities is reclassified to equity, and the related profit or loss is not recognized.

2) Financial liabilities at fair value through profit or loss

A financial liability is classified in this category if acquired principally for the purpose of selling in the short term. This type of financial liability is measured at fair value at the time of initial recognition, and attributable transaction costs are recognized in profit or loss as incurred. Financial liabilities at fair value through profit or loss are measured at fair value, and changes therein, which take into account any interest expense, are recognized in profit or loss, and are included in other gains and losses under non-operating income and expenses.

3) Other financial liabilities

Financial liabilities not classified as held-for-trading or designated as at fair value through profit or loss, which comprise short-term and long-term borrowings, and trade and other payables, shall be measured at fair value plus any directly attributable transaction cost at the time of initial recognition. Subsequent to initial recognition, they are measured at amortized cost calculated using the effective interest method. Interest expense not capitalized as capital cost is recognized in profit or loss, and is included in finance costs under non-operating income and expenses.

4) Derecognition of financial liabilities

The Group derecognizes a financial liability when its contractual obligation has been discharged or cancelled or has expired. The difference between the carrying amount of a financial liability removed and the consideration paid (including any non-cash assets transferred or liabilities assumed) is recognized in profit or loss, and is included in other gains and losses under non-operating income and expenses.

5) Offsetting of financial assets and liabilities

The Group presents its financial assets and liabilities on a net basis when the Group has (Continued)

the legally enforceable rights to offset and intends to settle such financial assets and liabilities on a net basis or to realize the assets and settle the liabilities simultaneously.

(iii) Derivative financial instruments, including hedge accounting

The Group holds derivative financial instruments to hedge its foreign currency and interest rate exposures. Derivatives are recognized initially at fair value, and attributable transaction costs are recognized in profit or loss as incurred. Subsequent to initial recognition, derivatives are measured at fair value, and changes therein are recognized in profit or loss, and are included in other gains and losses under non-operating income and expenses.

When a derivative is designated as a hedging instrument, its timing of recognition in profit or loss is determined based on the nature of the hedging relationship. When the fair value of a derivative instrument is positive, it is classified as a financial asset, and when the fair value is negative, it is classified as a financial liability.

(h) Inventories

Inventories are measured at the lower of cost and net realizable value. The cost of inventories is based on the weighted-average method, and includes expenditure incurred in acquiring the inventories, production or conversion costs, and other costs incurred in bringing them to their existing location and condition. In the case of manufactured inventories and work in progress, cost includes an appropriate share of production overheads based on normal operating capacity.

Net realizable value is the estimated selling price in the ordinary course of business, less the estimated costs of completion and selling expenses.

(i) Investment in associates

Associates are those entities in which the Group has significant influence, but not control, over the financial and operating policies. Significant influence is presumed to exist when the Group holds between 20% and 50% of the voting power of another entity.

Investments in associates are accounted for using the equity method and are recognized initially at cost. The cost of the investment includes transaction costs. The carrying amount of the investment in associates includes goodwill arising from the acquisition less any accumulated impairment losses.

The financial statements include the Group's share of the profit or loss and other comprehensive income of equity-accounted investees, after adjustments to align the accounting policies with those of the Group, from the date that significant influence commences until the date that significant influence ceases.

Unrealized profits resulting from transactions between the Group and an associate are eliminated to the extent of the Group's interest in the associate. Unrealized losses on transactions with an associate are eliminated in the same way, except to the extent that the underlying asset is impaired.

When the Group's share of losses exceeds its interest in an associate, the carrying amount of the investment, including any long-term interests that form part thereof, is reduced to zero, and the recognition of further losses is discontinued except to the extent that the Group has an obligation or has made payments on behalf of the investee.

(j) Property, plant and equipment

(i) Recognition and measurement

Items of property, plant and equipment are measured at cost less accumulated depreciation and accumulated impairment losses. Cost includes expenditure that is directly attributed to the acquisition of the asset. The cost of a self-constructed asset comprises material, labor, any cost directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management, the initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located, and any borrowing cost that is eligible for capitalization. Cost also includes transfers from equity of any gain or loss on qualifying cash flow hedges of foreign currency purchases of property, plant and equipment. The cost of software is capitalized as part of the property, plant and equipment to be capable of operating.

Each part of an item of property, plant and equipment with a cost that is significant in relation to the total cost of the item shall be depreciated separately, unless the useful life and the depreciation method of the significant part of an item of property, plant and equipment are the same as the useful life and depreciation method of another significant part of that same item.

The gain or loss arising from the disposal of an item of property, plant and equipment shall be determined as the difference between the net disposal proceeds, if any, and the carrying amount of the item, and it shall be recognized as other gains and losses.

(ii) Subsequent cost

Subsequent expenditure is capitalized only when it is probable that the future economic benefits associated with the expenditure will flow to the Group. The carrying amount of those parts that are replaced is derecognized. Ongoing repairs and maintenance are expensed as incurred.

(iii) Depreciation

The depreciable amount of an asset is determined after deducting its residual amount and it shall be allocated on a systematic basis over the asset's useful life. Items of property, plant and equipment with the same useful life may be grouped in determining the depreciation charge. The remainder of the items may be depreciated separately. The depreciation charge for each period shall be recognized in profit or loss.

If there is reasonable certainty that the lessee will obtain ownership by the end of the lease (Continued)

term, the period of expected use is the useful life of the asset; otherwise, the asset is depreciated over the shorter of the lease term and its useful life.

Land has an unlimited useful life and therefore is not depreciated.

The estimated useful lives, for the current and comparative years, of significant items of property, plant and equipment are as follows:

- 1) Buildings and structures: 6 to 50 years
- 2) Machinery and equipment: 4 to 11 years
- 3) Office and other equipment: 2 to 11 years

Buildings and structures constitute mainly factories and solar electricity systems. Each such part depreciates based on its useful life.

Depreciation methods, useful lives, and residual values are reviewed at each reporting date. If expectations differ from the previous estimates, the changes are accounted for as changes in an accounting estimate.

(k) Leases

Leases in which the Group assumes substantially all of the risks and rewards of ownership are classified as finance leases. On initial recognition, the lease asset is measured at an amount equal to the lower of its fair value or the present of the minimum lease payments. Subsequent to initial recognition, the asset is accounted for in accordance with the accounting policy applicable to the asset.

Other leases are operating leases and are not recognized in the Group's balance sheets.

Payments made under an operating lease, excluding insurance and maintenance expenses, are recognized in profit or loss on a straight-line basis over the term of the lease. Lease incentives received are recognized as an integral part of the total lease expense over the term of the lease.

- (1) Intangible assets
 - (i) Goodwill
 - 1) Initial recognition

The initial recognition of good will please refer to note 4(t).

2) Subsequent measurement

Goodwill is measured at cost, less, accumulated impairment losses. Investments in associates are accounted for using the equity method. The carrying amount of the investment in associates includes goodwill. If there are any impairment losses recognized as a part of the carrying amount of the investment, such losses would not be allocated to goodwill or any other assets.

(ii) Other intangible assets

Other intangible assets that are acquired by the Group are measured at cost, less, accumulated amortization and any accumulated impairment losses.

(iii) Subsequent expenditure

Subsequent expenditure is capitalized only when it increases the future economic benefits embodied in the specific asset to which it relates. All other expenditure, including expenditure on internally generated goodwill and brands, is recognized in profit or loss as incurred.

(iv) Amortization

The depreciable amount is the cost of an asset, or other amount substituted for cost, less, its residual value.

Amortization is recognized in profit or loss on a straight-line basis over the estimated useful lives of intangible assets, other than goodwill and intangible assets with indefinite useful life, from the date that they are available for use. The useful lives of intangible assets of the Group are as follows:

1) Trademark: 10 years

2) Expertise: 5 years

3) Computer software: 3 years

The residual value, amortization method, and amortization period for an intangible asset with a finite useful life shall be reviewed at least annually at each fiscal year-end. Any changes shall be accounted for as changes in accounting estimates.

(m) Impairment of non-financial assets

The Group measures whether impairment occurred in non-financial assets (except for inventories, deferred income tax assets, assets arising from employee benefits, and non-current assets held for sale) at the end of each reporting period, and estimates their recoverable amount. If it is not possible to determine the recoverable amount (fair value less, cost, to sell and value in use) for an individual asset, then the Group will have to determine the recoverable amount for the asset's cash-generating unit.

Notes to Consolidated Financial Statements

The recoverable amount for an individual asset or a cash-generating unit is the higher of its fair value, less, costs to sell and its value in use. If, and only if, the recoverable amount of an asset is less than its carrying amount, the carrying amount of the asset shall be reduced to its recoverable amount. That reduction will be accounted as an impairment loss. An impairment loss shall be recognized immediately in profit or loss.

The Group should assess at the end of each reporting period whether there is any indication that an impairment loss recognized in prior periods for an asset other than goodwill may no longer exist or may have decreased. If any such indication exists, the entity shall estimate the recoverable amount of that asset.

An impairment loss recognized in prior periods for an asset other than goodwill shall be reversed if, and only if, there has been a change in the estimates used to determine the asset's recoverable amount since the last impairment loss was recognized. If this is the case, the carrying amount of the asset shall be increased to its recoverable amount. That increase is a reversal of previously recognized impairment loss. For other assets, an impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount net of depreciation or amortization that would have been determined if no impairment loss had been recognized.

Notwithstanding whether indicators exist, recoverability of goodwill and intangible assets with indefinite useful lives or those not yet in use is required to be tested at least annually. Impairment loss is recognized if the recoverable amount is less than the carrying amount.

For the purpose of impairment testing, goodwill acquired in a business combination shall, from the acquisition date, be allocated to each of the acquirer's cash-generating units or groups of cash-generating units that are expected to benefit from the synergies of the combination, irrespective of whether other assets or liabilities of the acquire are assigned to those units or groups of units.

If the carrying amount of the cash-generating unit exceeds the recoverable amount of the unit, the entity shall recognize the impairment loss, and the impairment loss shall be allocated to reduce the carrying amount of each asset in the unit. Reversal of an impairment loss for goodwill is prohibited.

(n) Provision

A provision is recognized if, as a result of a past event, the Group has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects the current market assessments of the time value of money and the risks specific to the liability. The unwinding of the discount is recognized as finance cost.

(i) Warranties

A provision for warranties is recognized when the underlying products or services are sold. The provision is based on historical warranty data and a weighting of all possible outcomes against their associated probabilities.

(ii) Onerous contracts

A provision for onerous contracts is recognized when the expected benefits to be derived by the Group from a contract are lower than the unavoidable cost of meeting its obligations under the contract. The provision is measured at the present value of the lower of the expected cost of terminating the contract or the expected net cost of continuing with the contract. Before a provision is established, the Group recognizes any impairment loss on the assets associated with that contract.

(o) Treasury stock

Repurchased shares are recognized under treasury shares (a contra-equity account) based on their repurchase price (including all directly accountable costs), net of tax. Gains on disposal of treasury shares should be recognized under capital surplus – treasury share transactions; losses on disposal of treasury shares should be offset against existing capital surplus arising from similar types of treasury shares. If there is insufficient capital surplus to be offset against, then such losses should be accounted for under retained earnings. The carrying amount of treasury shares should be calculated using the weighted average of different types of repurchase.

In the retirement of treasury shares, capital surplus – share premiums and share capital should be debited proportionately. Gains on retirement of treasury shares should be recognized under existing capital surplus arising from similar types of treasury shares; losses on retirement of treasury shares should be offset against existing capital surplus arising from similar types of treasury shares. If there is insufficient capital surplus to be offset against, then such losses should be accounted for under retained earnings.

(p) Revenue

(i) Goods sold

Revenue from the sale of goods in the course of ordinary activities is measured at the fair value of the consideration received or receivable, net of returns, trade discounts, and volume rebates. Revenue is recognized when persuasive evidence exists, usually in the form of an executed sales agreement, that the significant risks and rewards of ownership have been transferred to the customer, recovery of the consideration is probable, the associated costs and possible return of goods can be estimated reliably, there is no continuing management involvement with the goods, and the amount of revenue can be measured reliably. If it is probable that discounts will be granted and the amount can be measured reliably, then the discount is recognized as a reduction of revenue as the sales are recognized.

The timing of the transfers of risks and rewards varies depending on the individual terms of sales contracts.

(ii) Services

Revenue from services rendered is recognized in profit or loss in proportion to the stage of completion of the transaction at the reporting date.

(iii) Commissions

When the Group acts in the capacity of an agent rather than as the principal in a transaction, the revenue recognized is the net amount of commission made by the Group.

(q) Employee benefits

(i) Defined contribution plans

Obligations for contributions to defined contribution pension plans are recognized as an employee benefit expense in profit or loss in the periods during which services are rendered by employees.

(ii) Defined benefit plans

A defined benefit plan is a post-employment benefit plan other than a defined contribution plan. The Group's net obligation in respect of the defined benefit pension plans is calculated separately for each plan by estimating the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value. Any unrecognized past service costs and the fair value of any plan assets are deducted. The discount rate is the yield at the reporting date on market yields of government bonds that have maturity dates approximating the terms of the Group's obligations and that are denominated in the same currency in which the benefits are expected to be paid.

The calculation is performed annually by a qualified actuary using the projected unit credit method. When the calculation results in a benefit to the Group, the recognized asset is limited to the total of any unrecognized past service costs and also the present value of economic benefits available in the form of any future refunds from the plan or reductions in future contributions to the plan. In order to calculate the present value of economic benefits, consideration is given to any minimum funding requirements that apply to any plan in the Group. An economic benefit is available to the Group if it is realizable during the life of the plan, or on settlement of the plan liabilities.

When the benefits of a plan are improved, the portion of the increased benefit relating to past service by employees is recognized in profit or loss on a straight-line basis over the average period until the benefits become vested. To the extent that the benefits vest immediately, the expense is recognized immediately in profit or loss.

All actuarial gains and losses as of January 1, 2012, the date of transition to the IFRSs approved by the FSC, were recognized in retained earnings. The Group recognized all actuarial gains and losses arising subsequently from the defined benefit plans in other comprehensive income and the expenses related to defined benefit plans in personnel expenses in profit or loss.

The Group recognizes gains or losses on the curtailment or settlement of a defined benefit plan when the curtailment or settlement occurs. The gain or loss on curtailment comprises any resulting change in the fair value of plan assets, any change in the present value of the defined benefit obligation, and any related actuarial gains or losses and past service cost that had not previously been recognized.

(iii) Short-term employee benefits

Short-term employee benefit obligations are measured on an undiscounted basis and are expensed when the related service is provided. A liability is recognized for the amount expected to be paid under short-term cash bonus or profit-sharing plans if the Group has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee, and the obligation can be estimated reliably.

(r) Share-based payment

The grant-date fair value of share-based payment awards granted to employees is recognized as employee expenses, with a corresponding increase in equity, over the period that the employees become unconditionally entitled to the awards. The amount recognized as an expense is adjusted to reflect the number of awards whose related service and non-market performance conditions are expected to be met, such that the amount ultimately recognized as an expense is based on the number of awards that meet the related service and non-market performance conditions at the vesting date.

For share-based payment awards with non-vesting conditions, the grant-date fair value of the share-based payment is measured to reflect such conditions and there is no true-up for differences between the expected and the actual outcomes.

(s) Income taxes

Income tax expenses include both current taxes and deferred taxes. Except for expenses related to business combinations or recognized directly in equity or other comprehensive income, all current and deferred taxes shall be recognized in profit or loss.

Current taxes include tax payables and tax deduction receivables on taxable gains (losses) for the year calculated using the statutory tax rate on the reporting date or the actual legislative tax rate, as well as tax adjustments related to prior years.

Notes to Consolidated Financial Statements

Deferred taxes arise due to temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and their respective tax bases. Deferred taxes shall not be recognized for the exceptions below:

- (i) Assets and liabilities that are initially recognized but are not related to a business combination and have no effect on net income or taxable gains (losses) during the transaction.
- (ii) Temporary differences arising from equity investments in subsidiaries or joint ventures where there is a high probability that such temporary differences will not reverse.
- (iii) Initial recognition of goodwill.

Deferred tax assets and liabilities shall be measured at the tax rates that are expected to apply to the period when the asset is realized or the liability is settled, based on tax rates that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax assets and liabilities may be offset against each other if the following criteria are met:

- (i) The entity has the legal right to settle tax assets and liabilities on a net basis; and
- (ii) The taxing of deferred tax assets and liabilities fulfills one of the scenarios below:
 - 1) levied by the same taxing authority; or
 - 2) levied by different taxing authorities, but where each such authority intends to settle tax assets and liabilities (where such amounts are significant) on a net basis every year of the period of expected asset realization or debt liquidation, or where the timing of asset realization and debt liquidation is matched.

A deferred tax asset should be recognized for the carry forward of unused tax losses, unused tax credits, and deductible temporary differences to the extent that it is probable that future taxable profit will be available against which the unused tax losses, unused tax credits, and deductible temporary differences can be utilized. Such unused tax losses, unused tax credits, and deductible temporary differences shall also be revaluated every year on the financial reporting date, and adjusted based on the probability that future taxable profit will be available against which the unused tax losses, unused tax credits, and deductible temporary differences can be utilized.

(t) Business combination

Goodwill is measured at the consideration transferred less amounts of the identifiable assets acquired and the liabilities assumed (generally at fair value) at the acquisition date. If the amounts of net assets acquired or liabilities assumed exceeds the acquisition price, the Group shall re-assess whether it has correctly identified all of the assets acquired and liabilities assumed, and recognize a gain for the access. If the business combination is achieved in batches, the Group shall measure any non-controlling equity interest at the non-controlling interest's proportionate share of the acquiree's identifiable net assets.

All transaction costs relating to business combination are recognized immediately as the Group's expenses when incurred, except for the issuance of debt or equity instruments.

In a business combination achieved in batches, the previously held equity interest in the acquiree at its acquisition-date fair value is re-measured and the resulting gain or loss, if any, is recognized in profit or loss.

If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, provisional amounts for the items for which the accounting is incomplete are reported in the Group's financial statements. During the measurement period, the provisional amounts recognized are retrospectively adjusted at the acquisition date, or additional assets or liabilities are recognized to reflect the new information obtained about facts and circumstances that existed as of the acquisition date. The measurement period shall not exceed one year from the acquisition date.

(u) Earnings per share

The Group discloses the Company's basic and diluted earnings per share attributable to ordinary shareholders of the Company. The calculation of basic earnings per share is based on the profit attributable to the ordinary shareholders of the Company divided by the weighted-average number of ordinary shares outstanding. The calculation of diluted earnings per share is based on the profit attributable to ordinary shareholders of the Company, divided by the weighted-average number of ordinary shares outstanding after adjustment for the effects of all dilutive potential ordinary shares, inclusive of employee stock options, employee bonus which had not been approved in the stockholders' meeting and could be settled in shares, and unvested restricted stock awards.

(v) Operating segment

An operating segment is a component of the Group that engages in business activities from which it may earn revenues and incur expenses (including revenues and expenses relating to transactions with other components of the Group). Operating results of the operating segment are regularly reviewed by the Group's chief operating decision maker to make decisions about resources to be allocated to the segment and to assess its performance. Each operating segment is a component of an entity for which discrete financial information is available.

(5) Significant accounting assumptions and judgments, and major sources of estimation uncertainty

The preparation of the consolidated financial statements in conformity with the Regulations and the IFRSs endorsed by the FSC requires management to make judgments, estimates, and assumptions that affect the application of the accounting policies and the reported amount of assets, liabilities, income, and expenses. Actual results may differ from these estimates.

The management continues to monitor the accounting estimates and assumptions. The management recognizes any changes in accounting estimates during the period and the impact of those changes in accounting estimates in the following period.

Notes to Consolidated Financial Statements

Information about assumptions and estimation uncertainties that have a significant risk of resulting in a material adjustment within the next financial year is as follows:

(a) Impairment of long-term non-financial assets (including goodwill)

In the process of evaluating the potential impairment, the Group is required to make subjective judgments in determining the independent cash flows, useful lives, expected future income and expenses related to the specific asset groups considering of the nature of the industry. Any changes in these estimates based on changed economic conditions or business strategies and could result in significant impairment charges or reversal in future years. The assessment of impairment of goodwill requires the Group to make subjective judgments to identify cash-generating units, allocate the goodwill to relevant cash-generating units, and estimate the recoverable amount of relevant cash-generating units. Please refer to notes 6(g) and 6(h) for further description of the key assumptions used to determine the recoverable amount.

(b) Recognition of deferred tax assets

Deferred tax assets are recognized to the extent that it is probable that future taxable profits will be available against which those deferred tax assets can be utilized. Assessment of the realization of the deferred tax assets requires management's subjective judgment and estimate, including the future revenue growth and profitability, tax holidays, the amount of tax credits that can be utilized and feasible tax planning strategies. Changes in the economic environment, industry trends, and relevant laws and regulations may result in adjustments to the deferred tax assets. Please refer to note 6(o) for further description of the recognition of deferred tax assets.

(c) Provision for impairment of trade receivables

When there is objective evidence of impairment loss, the Group takes into consideration the estimation of future cash flows. The amount of the impairment loss is measured as the difference between the asset's carrying amount and the present value of estimated future cash flows (excluding possible future credit losses) discounted at the financial asset's original effective interest rate. Where the actual future cash flows are less than expected, a material impairment loss may arise. Please refer to note 6(c) for further description of the impairment of trade receivables.

(6) Explanation of significant accounts

(a) Cash and cash equivalents

	December 31, 2016	
Cash	\$ 3,393	2,321
Demand deposits	6,321,968	5,171,640
Time deposits	 2,905,098	2,015,636
-	\$ 9,230,459	7,189,597

Notes to Consolidated Financial Statements

Please refer to note 6(w) for the interest rate risk and currency sensitivity analysis of the financial assets and liabilities of the Group.

(b) Financial instruments

(i) Financial instruments at fair value through profit or loss

The Group entered into derivative contracts to manage its exposures to the fluctuations of foreign exchange rates. These derivative contracts entered into by the Group did not meet the criteria for hedge accounting.

	December 31, 2016				
	Carrying amount	Nom	inal amount	Currency	Maturity date
Derivative financial assets – Forward exchange contracts sold	\$ <u>6</u>	USD	1,100,000	USD to TWD	2017.01.23
Derivative financial liabilities — Forward exchange contracts sold	\$ <u>5,453</u>	USD	20,230,000	USD to TWD	2017.01.05~2017.02.23
	December 31, 2015				
	Carrying amount	No	minal amount	Currency	Maturity date
Derivative financial assets Forward exchange contracts sold	s7	8 USD	4,000,000	USD to TWD	2016.02,26~2016.03.10
Derivative financial liabilities — Forward exchange contracts sold	S <u>1,61</u>	<u>s</u> USD	17,600,000	USD to TWD	2016.01.11~2016.03.07

Please refer to note 6(w) for the information on the Group's credit risk which related to financial instruments.

(ii) Non-current available-for-sale financial assets

	December 31,	December 31,	
	2016	2015	
Unlisted stocks	\$ <u>131,889</u>	57,650	

(iii) At the reporting date, the financial assets were not pledged.

- (c) Notes and accounts receivable, and other receivables
 - (i) The components were as follows:

		cember 31, 2016	December 31, 2015	
Notes receivable	\$	3,623,943	2,761,226	
Accounts receivable		3,247,283	4,575,667	
Other receivables		719,309	831,170	
Long-term receivables (recorded as other non-current assets)		563	3,418	
Less: Allowance for impairment – accounts receivable		(234,634)	(209,895)	
Allowance for impairment - other receivables		(7,184)	-	
Allowance for sales returns and discounts		(33,179)	(106,395)	
	\$	7,316,101	7,855,191	

(ii) The Group' aging analysis of notes and accounts receivable, and other receivables that were past due but not impaired was as follows:

	December 31, 2016		December 31, 2015	
Past due within 90 days	\$	467,203	329,941	
Past due 91~365 days		97,927	-	
Past due more than 1 year		84		
	\$	565,214	329,941	

The impairment assessment of notes and accounts receivable, and other receivables was individually and collectively performed. In determining the recoverability of the notes and accounts receivable, the Group considered whether there were any changes in the credit quality of its customers from the credit offering date to the reporting date, and the recognition of allowance for impairment was estimated by the historical recovery experience and analysis of customers' financial position. Impairment loss recognized for individually assessed impairment is the difference between the carrying amount and the present value of estimated future cash flows. The Group does not hold any collateral for the collectible amounts.

(iii) The movement in the allowance for impairment with respect to notes and accounts receivable, and other receivables was as follows:

	а	lividually ssessed pairment	Collectively assessed impairment	Total
Beginning balance as of January 1, 2016	\$	205,386	4,509	209,895
Impairment loss recognized		2,318	35,262	37,580
Foreign exchange losses		(2,849)	(2,808)	(5,657)
Balance at December 31, 2016	<u>\$</u>	204,855	36,963	241,818
	а	lividually ssessed pairment	Collectively assessed impairment	Total
Beginning balance as of January 1, 2015	\$	198,205	-	198,205
Impairment loss recognized		21.065	4.500	36,474
impairment ioss rocoginzod		31,965	4,509	30,474
Amounts written off		(29,070)	4,509	(29,070)
		•	4,309 - -	•

(iv) Please refer to note 8 for the information on notes receivable and other receivables pledged as collateral for guarantees at the reporting date.

(d) Inventories

(i)

	Dec	December 31, 2015	
Finished goods	\$	471,703	868,400
Work in progress		361,291	437,292
Raw materials and supplies		721,118	1,271,566
Merchandise		36,353	4,025
Raw materials in transit		533,686	331,437
	\$	2,124,151	2,912,720

(ii) Except for cost of goods sold and inventories recognized as expenses and the remaining gains or losses which were included in operating cost were as follows:

	 2016	2015
Recognized (reversal) of loss on valuation of inventories and obsolescence loss	\$ (45,106)	41,873
Other gains and losses—net disaster loss (reversal)	\$ (10,606)	65,562

- (iii) At the reporting date, the inventories were not pledged.
- (e) Investments accounted for using equity method
 - (i) Summary of financial information for the individually insignificant investments in associates accounted for using the equity method were as follows. The aforementioned financial information was included in the consolidated financial statements of the Group.

	ember 31, 2016	December 31, 2015	
Total equity of the individually insignificant investments in associates	\$ 48,359	48,036	
	 2016	2015	
Attributable to the Group:			
Net income	\$ 103	1,196	
Other comprehensive income	 		
Total comprehensive income	\$ 103	1,196	

- (ii) At the reporting date, the investments accounted for using the equity method were not pledged.
- (f) The change of subsidiary ownership equity
 - (i) In 2016, Noble Town acquired 5% ownership of Itogumi Motech Inc. from non-controlling interests (renamed Itogumi Motech Inc. to Motech Japan Inc.). Therefore, the interest increased from 95% to 100%.
 - (ii) The non-controlling interest invested in machinery and other equipment by means of issuance of new shares by the subsidiary, SNE, in 2015. Therefore, the percentage of the Company's ownership was decreased by 4.61%.
 - (iii) The impact of the changes in subsidiary ownership interest attributable to the parent company was as follows:

		2016
Capital surplus - differences between consideration and carrying amo	unt of	
subsidiaries acquired or disposed	\$	(1,703)

Equity increased arising from issuing new stock by subsidiaries

S

177,322

Capital surplus—recognized for changes in the parent's ownership interest in subsidiaries

\$ 177,322

(g) Property, plant and equipment

(i) The movements were as follows:

		Land	Building and	Machinery and equipment	Office and other equipment	Unfinished construction and equipment under acceptance	Total
Cost or deemed cost:							
Beginning balance as of January 1, 2016,	\$	105,217	3,041,753	17,521,801	4,106,852	22,029	24,797,652
Additions		-	-	344,171	83,243	434,477	861,891
Reclassification		-	(10,605)	35,759	300,765	(409,406)	(83,487)
Disposals		(20,567)	(41,572)	(411,113)	, , ,	-	(740,923)
Effect of changes in exchange rate		1,695	(80,749)	(605,113)	(25,546)	234,439	(475,274)
Balance as of December 31, 2016	s <u>-</u>	86,345	2,908,827	16,885,505	4,197,643	281,539	24,359,859
Beginning balance as of January 1, 2015	\$	104,663	3,041,393	14,253,584	2,648,074	16,351	20,064,065
Acquisitions through business combination		-	-	2,607,176	1,081,863	13,955	3,702,994
Additions		-	4,369	338,515	191,542	5,830	540,256
Reclassification		-	4,960	760,282	224,886	(13,955)	976,173
Disposals		-	-	(406,609)	(38,648)	-	(445,257)
Effect of changes in exchange rate	_	554	(8,969)	(31,147)	(865)	(152)	(40,579)
Balance as of December 31, 2015	s	105,217	3,041,753	17,521,801	4,106,852	22,029	24,797,652
Depreciation and impairment loss:							
Beginning balance as of January 1, 2016	\$	-	607,632	10,897,498	2,103,583	-	13,608,713
Depreciation expense		-	97,205	1,422,916	813,369	-	2,333,490
Impairment loss		-	-	211,342	4,983	-	216,325
Reclassification		-	(8,345)	(357,258)	(37,059)	-	(402,662)
Disposals		-	(14,480)	(149,125)	(157,775)	-	(321,380)
Effect of changes in exchange rate	_		(23,535)	(213,747)	(8,215)		(245,497)
Balance as of December 31, 2016	S	-	658,477	11,811,626	2,718,886		15,188,989
Beginning balance as of January 1, 2015	\$	-	501,199	9,743,285	1,553,167		11,797,651
Depreciation expense		-	103,347	1,277,462	578,561	-	1,959,370
Impairment loss		-	-	13,745	36		13,781
Reclassification		-	4,960	28,027	5,403	-	38,390
Disposals		-	-	(143,602)	(33,086)	-	(176,688)
Effect of changes in exchange rate		-	(1,874)	(21,419)	(498)	-	(23,791)
Balance as of December 31, 2015	\$		607,632	10,897,498	2,103,583	-	13,608,713
Carrying amounts:	=		 				<u> </u>
Balance as of December 31, 2016	S	86,345	2,250,350	5,073,879	1,478,757	281,539	9,170,870
Balance as of January 1, 2015	s=	104,663	2,540,194	4,510,299	1,094,907	16,351	8,266,414
Balance as of December 31, 2015	s=	105,217	2,434,121	6,624,303	2,003,269	22,029	11,188,939
•	=	<u> </u>	· · · · · · · · · · · · · · · · · · ·			=	

(ii) Please refer to note 6(r) for the information of business combination in 2015.

- (iii) Due to fire and earthquake incidents, the Group recognized disaster losses of \$289,683 and \$264,013 in 2016 and 2015, respectively. The disaster losses were recorded under other gains or losses. Please refer to note 10 for the information of major disasters.
- (iv) Due to some mechanical equipment's replacement, the Group recorded impairment loss \$216,325 and \$13,781 in 2016 and 2015, respectively, which were recognized recorded at other gains and losses—impairment loss of non-financial assets. The mechanical equipment was attributed to the Solar Division. Relevant segment information please refer to note 14.
- (v) Please refer to note 6(h) for the impairment testing of long-term non-financial assets (including goodwill).
- (vi) Please refer to note 8, for the information of property, plant and equipment pledged as collateral for commitment.

(h) Intangible assets

(i) The movements were as follows:

		Computer software	Goodwill	Expertise	Total
Costs:					
Beginning balance as of January 1, 2016	\$	36,248	388,191	225,326	649,765
Additions		18,335	-	-	18,335
Reclassification		738	-	-	738
Disposals		(14,119)	-	-	(14,119)
Effect of changes in exchange rate	_	(781)			(781)
Balance as of December 31, 2016	\$	40,421	388,191	225,326	653,938
Beginning balance as of January 1, 2015	\$	35,701	45,216	•	80,917
Additions		16,788	-	-	16,788
Acquisitions through business combination					
		•	388,191	225,326	613,517
Reclassification		(5,383)	-	-	(5,383)
Disposals		(10,825)	-	-	(10,825)
Impairment loss		-	(46,755)	-	(46,755)
Effect of changes in exchange rate		(33)	1,53 <u>9</u>	 .	1,506
Balance as of December 31, 2015	\$	36,248	388,191	225,326	649,765

		Computer software	Goodwill	Expertise	Total
Amortization and impairment loss:				,	
Beginning balance as of January 1, 2016	\$	18,577	-	26,289	44,866
Amortization expense		20,508	-	45,065	65,573
Disposals		(14,119)	-	-	(14,119)
Effect of changes in exchange rate		(500)	-		(500)
Balance as of December 31, 2016	\$	24,466		71,354	95,820
Beginning balance as of January 1, 2015	\$	18,292	-	-	18,292
Amortization expense		16,873	-	26,289	43,162
Reclassification		(5,749)	-	-	(5,749)
Disposals		(10,825)	-	-	(10,825)
Effect of changes in exchange rate	_	(14)			(14)
Balance as of December 31, 2015	\$	18,577		26,289	44,866
Carrying amounts:	,				
Balance as of December 31, 2016	\$	15,955	388,191	<u>153,972</u>	<u>558,118</u>
Balance as of January 1, 2015	<u>\$</u>	17,409	45,216	-	62,625
Balance as of December 31, 2015	<u></u>	17,671	388,191	199,037	604,899

In 2015, the Group recognized an impairment loss (under other gains and losses—impairment loss for non-financial assets) of goodwill from the Group's subsidiary, which is named "MA", amounting to \$46,755 thousand, resulting from the downsizing of the production of MA.

Please refer to note 6(r) for the information of business combination in 2015.

(ii) Amortization expenses

In 2016 and 2015, the amortization expenses of intangible assets were included in the statement of comprehensive income as follows:

	 2016		
Operating costs	\$ 48,499	29,004	
Operating expenses	17,074	14,158	

(iii) Impairment testing of long-term non-financial assets (including goodwill)

For impairment testing, the aggregate carrying amounts of long-term non-financial assets (including goodwill) has been allocated to the Company's cash generating unit (CGU).

At the reporting date, the carrying amount of the CGU was determined to be higher than its book value.

The key assumptions used in the estimation of value in use were as follows:

	December 31, 2016	December 31, 2015
Discount rate	9 %	10 %
Terminal value growth rate	1 %	3 %
Budgeted EBITDA growth rate (average of next five years)	5 %	5 %

The discount rate was a pre-tax measure based on the rate of 10-yerar government bonds issued by the government in the relevant market and in the same currency as the cash flows, adjusted for a risk premium to reflect both the increase risk of investing in equities generally and the systemic risk of the specific CGU.

Five years of cash flows were included in the discounted cash flow model. A long-term growth rate into perpetuity has been determined as the lower of the nominal GDP rates for the countries in which the CGU operates and the long-term compound annual EBITDA growth rate estimated by management.

Budgeted EBITDA was based on expectations of future outcomes taking into account past experience, adjusted for the anticipated revenue growth. Revenue growth was projected taking into account the average growth levels experienced over the past one year and the estimated sales volume and price growth for the next five years. It in line with information obtained from external brokers who publish a statistical analysis of long-term market trends.

(iv) Collateral

At the reporting date, the intangible assets were not pledged.

(i) Prepayments, other current and other non-current assets

(i) The components of prepayments were as follows:

	Dec	December 31, 2015	
Prepayments to suppliers - current	\$	328,060	1,491,864
Prepaid expenses		<u> 256,973</u>	173,860
	\$	585,033	1,665,724

(ii) The components of other current assets and other non-current assets were as follows:

	December 31, 2016		December 31, 2015	
Prepayments to suppliers - non-current	\$	112,232	463,484	
Prepayments for rent		106,421	118,877	
Prepayments for equipment		435,147	369,858	
Refundable deposits		52,042	42,703	
Net defined benefit assets		14,240	15,922	
Long-term receivables		563	3,418	
Offset against business tax payable		250,299	49,524	
Others		129,703	23,505	
	\$	1,100,647	1,087,291	

Please refer to note 8 for the information on other current assets and other non-current assets pledged as collateral for commitment.

(j) Short-term borrowings

	December 31, 2016		December 31, 2015
Unsecured loans	\$	5,719,233	3,842,311
Secured loans	_	662,892	809,414
Total	\$_	6,382,125	4,651,725
Unused credit lines for short-term borrowings	<u>\$</u> _	8,780,418	6,236,123
Range of annual interest rates	_	1.300%~6.5745%	1.22%~4.437%

Please refer to note 8 for the information on pledge for short-term borrowings.

(k) Long-term borrowings

	December 31, 2016				
	Currency	Range of annual interest rate	Maturity year		Amount
Unsecured Bank loans	USD	2.9070%	2018	\$	193,500
Unsecured Bank loans	TWD	1.91%~2.0085%	2018		4,354,777
Less: Due within one year	TWD	1.91%~2.0085%	2017	_	(1,385,333)
Total				\$_	3,162,944
Unused credit lines for long-to	erm borrowings			\$_	1,732,500

Notes to Consolidated Financial Statements

	December 31, 2015				
	Currency	Range of annual interest rate	Maturity year		Amount
Unsecured Bank loans	USD	1.8963%~2.161%	2018	\$	1,083,224
Unsecured Bank loans	TWD	2.05%~2.465%	2017~2018		5,269,911
Secured Bank loans	TWD	2.1057%~2.167%	2016		417,762
Less: Due within one year	TWD	2.05%~2.2784%	2016	_	(1,110,428)
Total				\$ _	<u>5,660,469</u>
Unused credit lines for long-to	erm borrowings			\$_	826,775

(i) Syndicated loan borrowings

The Company entered into a triennium syndicated loan agreement with United Auto Credit Bank to pay off the credit balance of its 2011 syndicated loan.

The Company can extend its credit term (only for a single time) to two more years, within 24 to 30 months starting from the initial drawdown, through written application to the syndicated bank, provided it does not breach the financial covenant within three years (until September 2018) starting from the initial drawdown date.

(ii) Pledge for loan

Please refer to note 8 for the information of assets pledged as collateral for long-term borrowings at the reporting date.

- (iii) The Company should comply with the following financial covenants in its semi-annual and annual consolidated financial statements commencing from the consolidated financial statements for the year ended December 31, 2015:
 - 1) Current ratio (current assets/current liabilities): more than 100%.
 - 2) Financial liability ratio (total financial liabilities/total tangible net assets): Not exceeding 120% (total financial liabilities = bank loans + bonds payable + other interest financial liabilities bearing interest).
 - 3) The interest coverage ratio [(pre-tax net profit + depreciation + amortization + interest expenses) interest expenses]: not less than twice the rate of the interest coverage ratio.
 - 4) Net tangible assets (net assets minus intangible assets) should not be less than 11 billion.

Notes to Consolidated Financial Statements

If the Company initially fails to comply with the aforementioned covenants, it would not be regarded as breach of contract if it can provide the lead bank a proposal on financial improvement plan, and at the same time, its preceding semi-annual or annual consolidated financial statements have to be in conformity with the covenants, and in addition to it, a compensation has to be paid. If the Company still fails to comply with the said covenant in its preceding consolidated financial statements, all its credit facilities stated in the contract will be considered invalid. Also, the lead bank can decide either to waive all or parts of the unused credit facilities without the approval of the participating banks, or it can demand the Company for an immediate payment on its obligations under this agreement. In addition, the Company has signed an amendment on the loan agreement in the third quarter of 2016, and agreed to issue a capital increase by cash exceeding 1 billion within two years starting from the initial drawdown.

(1) Provisions—current and non-current

	V	arranty
Beginning balance as of January 1, 2016	\$	135,688
Provisions made	,	23,223
Provisions used		(10,306)
Effect of changes in exchange rate		(3,007)
Balance as of December 31, 2016	\$	145,598
Beginning balance as of January 1, 2015	\$	128,256
Provisions made		22,849
Provisions used		(21,399)
Effect of changes in exchange rate		5,982
Balance as of December 31, 2015	\$	135,688

Provision for warranties related mainly to solar modules and photovoltaic inverters sold. The provision is based on estimates made from historical warranty data associated with similar goods and services. The Group expected to settle the majority of the liability from over 1 year to 25 years after sales.

(m) Operating lease

Non-cancellable operating lease rentals were as follows:

	De	December 31, 2016	
Within 1 year	\$	109,185	103,676
2 to 5 years		173,640	232,192
More than 5 years		287,627	217,276
	\$	570,452	553,144

The Group has operating lease contracts for land. The lease term is 1 to 15 years (to 2030). The

Group has the option to renew the lease contracts at the end of the lease.

If the government adjusts the announced current land value in accordance with the R.O.C. Land Act, the aforementioned lease expenses will be adjusted in the month following this government announcement.

(n) Employee benefits

(i) Defined benefit plans

The movements in the present value of the defined benefit obligations and the fair value of plan assets were as follows:

	I	December 31, 2016	December 31, 2015
Total present value of benefit obligations	\$	59,521	54,867
Fair value of plan assets		(73,761)	(70,789)
		(14,240)	(15,922)
The effects of limiting net defined benefit assets to assets ceiling			
Net defined benefit assets (recorded as other non-current assets)	\$	(14,240)	(15,922)

The Group makes defined benefit plan contributions to the pension fund account at Bank of Taiwan that provides pensions for employees upon retirement. The plans (covered by the Labor Standards Law) entitle a retired employee to receive an annual payment based on years of service.

1) Composition of plan assets

The Group allocates pension funds in accordance with the Regulations for Revenues, Expenditures, Safeguard and Utilization of the Labor Retirement Fund, and such funds are managed by the Labor Pension Fund Supervisory Committee. Minimum earnings on such funds shall be no less than the earnings attainable from two-year time deposits with interest rates offered by local banks.

The Group's labor pension reserve account balance in Bank of Taiwan amounted to \$73,761 as of December 31, 2016. For information on utilization of the labor pension fund assets, including the asset allocation and yield of the fund, please refer to the website of the Labor Pension Fund Supervisory Committee of the Council of Labor Affairs.

2) Movements in present value of the defined benefit obligations

	 2016	2015
Defined benefit obligations at January 1	\$ 54,867	51,251
Current service costs and interest	1,192	1,293
Actuarial losses (gains)	3,793	2,323
Pension payments	 (331)	-
Defined benefit obligations at December 31	\$ 59,521	54,867

3) Movements of defined benefit plan assets

	 2016	2015
Fair value of plan assets at January 1	\$ 70,789	66,273
Expected return on plan assets	1,352	1,354
Contributions from plan participants	2,678	2,709
Actuarial gains (losses)	(727)	453
Pension payments	 (331)	
Fair value of plan assets at December 31	\$ 73,761	70,789
Actual return on assets	\$ 625	1,807

4) The movement in effect of plan asset ceiling

For the years ended December 31, 2016 and 2015, there were no changes in the effect of plan assets ceiling.

5) Expenses (reversal) recognized in profit or loss

	2	2016	2015
Cost of services	\$	163	268
Net interest on the net defined benefit assets or liability		(323)	(329)
•	\$	(160)	<u>(61</u>)
Operating costs	\$	(93)	(37)
Operating expenses		(67)	(24)
	\$	(160)	(61)

6) The remeasurements of the net defined benefit asset and liability actuarial gains and losses recognized in other comprehensive income.

	2016	2015
Cumulative amount at January 1	\$ 8,116	9,986
Recognized during the period	 (4,520)	(1,870)
Cumulative amount at December 31	\$ 3,596	8,116

7) Actuarial assumptions

The following are the Group's principal actuarial assumptions (using the weighted-average method):

	December 31,	December 31,	
	2016	2015	
Discount rate	1.500 %	1.875 %	
Rate of salary increase	3.000 %	3.000 %	

The expected allocation payment to be made by the Company to the defined benefit plans for the one-year period after the reporting date of 2016 is \$14.

The weighted-average lifetime of the defined benefits plans is 23.28 years.

8) Sensitivity analysis

If the actuarial assumptions had changed, the impact on the present value of the defined benefit obligation shall be as follows:

	Influences of defined benefit obligations		
	Increased by 0.25%	Decreased by 0.25%	
Balance as of December 31, 2016			
Discount rate	(2,720)	2,884	
Rate of salary increase	2,795	(2,664)	
Balance as of December 31, 2015			
Discount rate	(2,566)	2,727	
Rate of salary increase	2,660	(2,519)	

There is no change in other assumptions when performing the above-mentioned sensitivity analysis. In practice, assumptions may be interactive with each other. The method used on sensitivity analysis is consistent with the calculation on the net pension liability.

The method and assumptions used on current sensitivity analysis is the same as those of the prior year.

(ii) Defined contribution plans

The Group set aside 6% of each employee's monthly wages to contribute to the labor pension personal accounts at the Bureau of Labor Insurance in accordance with the provisions of the Labor Pension Act. The Company set aside a fixed amount to contribute to the Bureau of Labor Insurance without the payment of additional legal or constructive obligations.

The Group set aside \$95,759 and \$93,297 as pension costs under the defined contribution plans in 2016 and 2015, respectively. Payment was made to the Bureau of Labor Insurance.

2016

2015

(o) Income taxes

(i) The components were as follows:

Current period	\$	(7,432)	(80,399)
Adjustment for prior periods		<u>-</u>	5,882
Current tax expense	_	(7,432)	(74,517)
Deferred tax expense			
Origination and reversal of temporary differences		(376,532)	(383,786)
Tax expense	\$	(383,964)	(458,303)
Reconciliation of tax expense and loss before tax was	as foll	ows:	
		2016	2015
Loss before tax	\$_	(528,800)	(171,383)
Income tax using the Company's domestic tax rate	\$	89,896	29,135
Effect of tax rates in foreign jurisdiction		2,252	17,425
Reduction in tax rate		-	(107,700)
Reduction of loss carryforwards in pro rata due to the merger		-	(108,131)
Deferred tax expense arising from the origination and write-down of a deferred tax asset relating			
to loss carryforwards		(492,117)	(310,972)
Estimated tax effect of prior periods		16,684	1,827
Others	_	(679)	20,113

(ii)	The amounts of income tax benefit (expense) recogniz as follows:	zed in o	other compreher	nsive income were
			2016	2015
	Items that may not be reclassified subsequently to profit or loss:	<u> </u>		
	Remeasurements of defined benefit plans	\$	768	318
	Items that may be reclassified subsequently to profit or loss:			
	Unrealized gains (losses) on available-for-sale financial assets	\$	(11,856)	
(iii)	Deferred tax assets and liabilities			
	1) Unrecognized deferred tax assets and liabilities			
	Details were as follows:			
		De	cember 31, 2016	December 31, 2015
	Unrecognized deferred tax assets:			
	Loss carryforwards	\$	1,255,236	1,098,562
	Aggregate amount of temporary differences related to investments in subsidiaries		187,894	173,813
		\$	1,443,130	1,272,375
		De	ecember 31, 2016	December 31, 2015
	Unrecognized deferred tax liabilities:			·
	Aggregate amount of temporary differences related to investments in subsidiaries	\$	8,008	8,070

According to the Income Tax Act, the operating loss as examined by the local tax authorities can be carried forward for use as a deduction from taxable income. As of December 31, 2016, the Group's loss carryforwards recognized and unrecognized as deferred tax assets and their expiry year were as follows:

Filing year	Loss carryforwards of recognized deferred tax assets	Loss carryforwards of unrecognized deferred tax assets	Total	Expiry year
2012	- \$ -	3,726,031	3,726,031	2017
2013	303,028	-	303,028	2018
2014	861,495	152,381	1,013,876	2019
2015	-	207,672	207,672	2025
2016	-	753,537	753,537	2021
2010	-	233,351	233,351	2030
2011	~	351,873	351,873	2031
2012	-	184,521	184,521	2032
2013	-	144,656	144,656	2033
2014	-	87,075	87,075	2034
2015	-	70,691	70,691	2025 \ 2035
2016		231,609	231,609	2026 - 2036
	\$ <u>1,164,523</u>	6,143,397	<u>7,307,920</u>	

2) Recognized deferred tax assets and liabilities

Changes in the amount of deferred tax assets and liabilities were as follows:

_	Loss on valuation of inventories	Allowance for impairment	Loss carryforwards	Others_	Total
Deferred tax assets:		•		_	
Beginning balance as of January 1, 2016\$	76,001	58,402	519,094	219,155	872,652
Recognized in profit or loss	(11,822)	3.166	(321,125)	(63,101)	(392,882)
Balance as of December 31, 2016 \$	64,179	61,568	197,969	156,054	479,770
Beginning balance as of January 1, 2015\$	60,901	66,148	848,473	265,552	1,241,074
Recognized in profit or loss	15,100	(7,746)	(329.379)	(46,397)	(368,422)
Balance as of December 31, 2015	76,001	58,402	519,094	219,155	<u>872,652</u>

	Def	ined benefit plans	Unrealized foreign exchange gains	Others	Total
Deferred tax liabilities:					_
Beginning balance at January 1, 2016	\$	2,707	52,729	9,471	64,907
Recognized in profit or loss		482	(5,807)	(2,014)	(7,339)
Recognized in other comprehensive income		(768)	<u>-</u>	11,856	11,088
Balance at December 31, 2016	\$	2,421	46,922	19,313	68,656
Beginning balance at January 1, 2015	\$	2,554	42,707	1,805	47,066
Recognized in profit or loss		471	10,022	7,666	18,159
Recognized in other comprehensive income		(318)		<u> </u>	(318)
Balance at January 1, 2015	\$	2,707	52,729	9,471	64,907

(iv) Examination and approval

The Company's income tax returns for the years through 2014 were examined and approved by the local tax authorities.

(v) Information related to the ICA is summarized as follows:

	December 31, 2016	December 31, 2015
Accumulated deficit after 1998	\$ (909,253)	(639,611)
Balance of imputation credit account (ICA)	\$49,075	49,075
	2016 (estimated)	2015 (actual)
Creditable ratio for earnings distribution to R.O.C. residents	<u> </u>	

According to the announcement by the Ministry of Finance on October 17, 2013, under Decree No. 10204562810, the Company's integrated income tax information and imputation tax credit information should be disclosed in compliance with the Decree.

The amount of the deductible tax of an individual shareholder residing in the territory of R.O.C. was calculated by 50% of its original tax deduction ratio, starting from 2015. However, if the gross dividends or the gross earnings received by a shareholder residing outside the territory of the ROC contain any income subject to a 10% surcharge on profit-seeking income tax which was actually paid, half of the amount of the surcharge on profit-seeking income tax may offset the amount of income tax which should be withheld from the payment of the net amount of such dividends or earnings.

(p) Capital and other equity

As of December 31, 2016, and December 31, 2015, the Company's authorized ordinary share in corporate charter was \$10,000,000, with par value of \$10 (dollars) per share, and its issued and outstanding shares were 488,320 thousand shares, and 486,692 thousand shares, respectively.

The Company has reserved 20,000 thousand authorized shares, for employee stock options, convertible preferred stock, and convertible bonds.

Reconciliations of shares outstanding were as follows:

(In thousands of shares)

	2016	2015
Beginning shares at January 1	486,692	439,756
Issued in business combination	-	45,672
Restricted shares of stock issued for employees	2,020	1,500
Retirement of restricted shares of stock for employees	(392)	(236)
Shares at December 31	488,320	486,692

(i) Ordinary share

A resolution was approved during the general meeting of the shareholders held on August 3, 2015 for the issuance of 50,000 thousand new shares for cash, with a par value of \$10 (dollars) per share, amounting to \$500,000. The Company has received the approval from the FSC for this capital increase on January 13, 2016 and extended the issuance period to March 22, 2016, respectively. FSC agreed to abolish the foregoing case of capital increase and extended the issuance period on May 9, 2016 due to the volatility of the capital market environment.

The Company's shareholders' meeting held on June 15, 2015, approved a resolution to issue 2,500 thousand new restricted shares of stock for full-time and qualified employees. The Company had submitted the required document and obtained an effective registration, from the SFB. In accordance with the resolution of Board of Directors meeting hold on February 3, April 25 and June 27, 2016, the Company issued 2,020 thousand shares and was registered with the government authorities.

The Company's Board of Directors approved a resolution to merger with TSi in terms of issuance 45,672 thousand new shares with book value of \$35.65 (dollars) per share on December 6, 2014. The record date was on June 1, 2015. The aforementioned issuance was approved by SFB and was registered with the government authorities.

The Company's shareholders' meeting hold on June 26, 2014 approved a resolution to issue 1,500 thousand new restricted shares of stock for full-time and qualified employees. The Company had submitted the required document and obtained an effective registration, from the SFB. The Company issued 1,500 thousand shares on January 13, 2015. The aforementioned issuance was registered with the government authorities on February 9, 2015.

(ii) Capital surplus

The components were as follows:

	De	cember 31, 2016	December 31, 2015
Premium on issued stock	\$	9,224,928	9,817,086
Changes in equity of associates and subsidiaries accounted for using equity method		177,690	177,470
Expired employee stock options		-	17,155
Difference between consideration and carrying amount of subsidiaries acquired or disposed		(1,703)	-
Restricted shares of stock issued for employees		62,436	44,494
	S	9,463,351	10,056,205

In accordance with the R.O.C. Company Act, realized capital reserves can only be reclassified as share capital or distributed as cash dividends after offsetting losses. The aforementioned capital surplus includes share premiums and donation gains. In accordance with the Securities Offering and Issuance Guidelines, the amount of capital surplus to be reclassified under share capital shall not exceed 10 percent of the actual share capital amount.

(iii) Retained earnings

1) Legal reserve

According to the Company Act, the Company must retain 10% of its annual income as a legal reserve until such retention equals the amount of share capital. If a company has no accumulated deficit, it may, pursuant to a resolution approved by the stockholders, distribute its legal reserve by issuing new shares or distributing cash for the portion in excess of 25% of the share capital.

Notes to Consolidated Financial Statements

2) Special reserve

In accordance with Decree No. 1010012865 issued by the FSC on 6 April 2012, a portion of current-period earnings and undistributed prior-period earnings shall be reclassified as a special earnings reserve during earnings distribution. The amount to be reclassified should be equal to the current-period total net reduction of other shareholders' equity. Similarly, a portion of undistributed prior-period earnings shall be reclassified as a special earnings reserve (which does not qualify for earnings distribution) to account for cumulative changes to other shareholders' equity pertaining to prior periods. Amounts of subsequent reversals pertaining to the net reduction of other shareholders' equity shall qualify for additional distributions.

In accordance with Decree No.1010051600 issued by securities and futures bureau on November 21, 2012, issued employee unearned compensation in restricted share of stock refer to unrealized income. The Company does not have to put out legal reserve.

3) Earnings distribution

Under the Company's revised articles of incorporation which was approved from shareholders' meeting on June 13, 2016, the Company's current-period earnings are appropriated and distributed in the following order:

- a) pay all taxes and duties;
- b) cover prior years' accumulated deficit, if any;
- c) of the remaining balance, 10% is set aside as legal reserve;
- d) set aside a special reserve in accordance with the R.O.C. Securities and Exchange Act or as requested by the authorities in charge;

The balance, including the accumulated retained profits from the previous year, is the profit to be distributed. The Board of Directors shall propose the earnings distribution plan, in which the amount to be distributed cannot be less than 25% of the earnings available for distribution, in the shareholders' meeting for approval.

The Company's dividend policies are as follows:

- a) Cash dividends and stock dividends are appropriated in consideration of the Company's budget for capital expenditures, financial condition, and future operating cash flows.
- b) No dividends are distributed if the Company has no unappropriated earnings. Earnings can be distributed as cash or share dividends, but stock dividends shall not exceed 50% of the total distribution.

Notes to Consolidated Financial Statements

c) If there are no unappropriated earnings, or if there are unappropriated earnings but they are very much less than the earnings distributed in the prior year, or in consideration of financial, business, and operating requirements, then all of the capital surplus or a portion of the legal reserve or capital surplus can be distributed according to the law or government regulations.

The shareholders of the Company resolved to use its additional paid-in capital of \$639,611, as well as use its legal reserve, special reserve and additional paid-in capital of \$838,689 to cover its accumulated deficits on June 13, 2016 and June, 15 2015, respectively. Relevant information can be inquired at market observation post system.

(iv) OCI accumulated in reserves, net of tax

	difi tra forei	Exchange ferences on nslation of ign financial tatements	Unearned gains (losses) on available-for-sale financial assets	Unearned portion of restricted stock awards
Beginning balance as of January 1, 2016	\$	24,962	-	(10,721)
Foreign exchange differences		(398,277)	-	-
Unearned gains (losses) on available-for-sale financial assets		-	64,087	-
Unearned portion of restricted stock awards				(13.968)
Balance as of December 31, 2016	\$	(373,315)	64,087	(24,689)
Beginning balance as of January 1, 2015	\$	41,979	-	(18,317)
Foreign exchange differences		(17,017)	-	-
Unearned portion of restricted stock awards		-		7,596
Balance as of December 31, 2015	\$	24,962		(10,721)

(v) Treasury stock

The Company recovered 396,000 and 297,500 shares, respectively, in 2016 and 2015 due to the resignation of its employees. The said shares had all been written off. On December 31, 2016 and 2015, the unretired shares were 65,000 shares and 61,500 shares, respectively.

(q) Share-based payment

As of December 31, 2016, the share-based payment arrangements of the Group were as follows:

	Restricted stock for employees in 2015	Restricted stock for employees in 2014
Grant date	2016.2.4, 2016.4.26 and 2016.6.28	2015.1.13
Granted units	2,020 thousand shares	1,500 thousand shares
Exercise price/share (dollars)	\$0.0	0.0
Contract period (years)	2	2
Recipients	Full-time employees of the Company	Full-time employees of the Company
Vesting conditions	(Note)	(Note)
Unvested-shares	1,744 thousand shares	489.5 thousand shares

Note: Employees of the company are entitled to purchase the restricted shares of stock at the price of \$0, with the condition that these employees will continue to provide service to the Company for at least 1 year and 2 years (from the grant date) and conform to the Company's requirements. 50% of the restricted shares of stock for employees are vested in year 1 from the grant date, and the remaining 50% are vested in year 2 from the grant date. The restricted shares of stock for employees are kept by a trust, which is appointed by the Company, before they are vested. These shares shall not be sold, pledged, transferred, gifted, or disposed of by any other means to third parties during the custody period. If the shares remain unvested after the vesting period, the Company will repurchase all the unvested shares at the issue price, and the cash and stock dividends on those unvested distributed during the vesting period will be given to the employees.

During their meeting on June 13, 2016, the Company's stockholders approved a resolution to issue 2,000 thousand new restricted company shares of stock to those full-time employees who conform to the Company's requirements. These restricted shares of stock for employees have been registered with and approved by the FSC.

Details of the new restricted shares of stock were as follows:

(In thousand shares)

	2016	2015
Outstanding shares at January 1	1,877	1,349
Granted during the year	2,020	1,500
Vested during the year	(1,267.5)	(674.5)
Expired during the year	(396.0)	(297.5)
Outstanding shares at December 31	<u>2,233.5</u>	1,877

Compensation costs of the Company in 2016 and 2015 arising from restricted shares of stock issued to employees were \$50,512 and \$40,971, respectively.

Notes to Consolidated Financial Statements

(r) Business combination

The Group merged with TSi with a stock-for-stock transaction on June 1, 2015, with the Group being the surviving entity and TSi as the dissolved company. In acquiring TSi, the Group integrates its resources to reduce its operating costs. Besides, it was anticipated that acquiring the customers of TSi will expand the surviving company's market share in solar cells after the merger. Also, it was anticipated to lower the operating costs due to the business scale expanding.

Information of fair value of the consideration transferred, assets acquired, liabilities borne and goodwill recognized at the acquisition date were as follows:

(i) Fair value of consideration transferred

Ordinary shares with a fair value of \$1,628,207 were issued as part of the consideration transferred for the purchase of TSi. They were based on the closing price of the Company which was \$35.65 (dollars) per share on June 1, 2015.

(ii) The following summarized the fair value of identifiable assets and liabilities borne at the acquisition date:

Cash and cash equivalents	\$ 834,955
Accounts receivable	855,927
Inventories	443,367
Other current assets	360,382
Property, plant and equipment (note 6(g))	3,702,994
Intangible assets	225,326
Other non-current assets	37,020
Other current liabilities	(10,108)
Accounts payable and other payables	(733,800)
Long-term and short-term borrowings	 <u>(4,476,047</u>)
Fair value of identifiable net assets	\$ 1,240,016

Total contractual amount of accounts receivable was \$1,241,275. At the acquisition date, the amount of \$385,348 was expected to be uncollectible.

The fair value of identifiable intangible asset (expertise) was \$225,326.

(iii) Goodwill

Goodwill arising from the acquisition is as follows:

Fair value of consideration transferred	\$	1,628,207
Less: Fair value of identifiable net assets	_	(1,240,016)
Goodwill	\$	388,191

The goodwill is mainly attributable to TSi's sales profit of its solar cells in order to achieve the purpose of integrating the Group.

(s) Earnings per share ("EPS")

The calculation of the Company's basic earnings per share and diluted earnings per share were as follows:

(i) Basic EPS

	2016	2015
Loss attributable to ordinary shareholders of the Company	\$ <u>(905,501)</u> _	(638,059)
Weighted-average number of shares outstanding during the period (thousand shares) Basic EPS (dollars)	\$\frac{486,072}{(1.86)} =	465,724 (1.37)
Diluted EPS		
	2016	2015

(905,501)

(905,501)

Loss attributable to ordinary shareholders of the
Company

Effect of potentially dilutive common stock

Loss attributable to ordinary shareholders of the

Company (including the effect of potentially

dilutive common stock)
Weighted-average number of shares outstanding during the period (thousand shares)

Diluted EPS (dollars)

(t) Revenue

(ii)

	2016	2015
Sale of goods	\$ 28,875,428	24,046,405
Rendering of Services	 87,464	707,750
	\$ 28,962,892	24,754,155

(638,059)

(u) Employee compensation and directors' remuneration

In accordance with the Articles of incorporation, which amended on June, 13 2016, the Company should contribute no less than 1% of the profit as employee compensation and less than 5% as directors' remuneration when there is profit for the year. However, if the Company has accumulated deficits, the profit should be reserved to offset the deficit. The amount of remuneration of directors and compensation for employees entitled to receive the abovementioned employee compensation is approved by the board of directors. The recipients of shares and cash may include the employees of the Company's affiliated companies who meet certain conditions.

For the years ended December 31, 2016 and 2015, the Company was still made up for loss, so did not estimate and recognize employee compensation and directors' remuneration.

(v) Non-operating income and expenses

(i) Other income

			2016	2015
	Interest income from bank deposits	\$	24,725	39,066
(ii)	Other gains and losses			
			2016	2015
	Foreign exchange gains (losses)	\$	(16,237)	91,872
	Losses on disposal of property, plant and equipment		(60,139)	(1,274)
	Gains (losses) on financial instruments at fair value through profit or loss		20,249	(24,718)
	Gains on insurance claim		831,216	390,000
	Disaster losses		(535,772)	(568,000)
	Impairment loss on non-financial assets		(216,325)	(60,536)
	Others		43,875	42,325
		\$	66,867	(130,331)
(iii)	Finance costs			
			2016	2015
	Interest expense on bank borrowings	\$	(246,889)	(217,922)

(w) Financial instruments

(i) Credit risk

1) Credit risk exposure

The maximum exposure to credit risk is mainly from the carrying amount of financial assets.

2) Circumstances of concentration of credit risk

As of December 31, 2016 and 2015, the Group's notes and accounts receivable were obviously concentrated on 7 and 5 customers, whose accounts represented 54% and 64%, respectively, of the total notes and accounts receivable. In order to reduce the credit risk on these accounts receivable, the Group continuously evaluates the financial status of these customers and requests collateral when necessary. The Group evaluates the possible loss on accounts receivable periodically and accrues an allowance for impairment, if necessary.

(ii) Liquidity risk

The following were the contractual maturities of financial liabilities, including estimated interest payments and excluding the impact of netting agreements:

		Carrying amount	Contractual cash flows	Within 6 months	6-12 months	1-2 years	2-5 years	Over 5 years
As of December 31, 2016						· ·		
Non-derivative financial liabilities								
Bank loans	\$	10,930,402	(11,773,986)	(7,830,519)	(706,727)	(3,236,740)	-	-
Accounts payable and other payables		6,017,995	(6,017,995)	(6,017,995)	-	-	-	-
Derivative financial instruments:								
Forward exchange contract:								
Outflow		5,453	(652,418)	(652,418)	-	-	-	-
Inflow	_		646,965	646,965			<u> </u>	
	s _	16,953,850	(17,797,434)	(13,853,967)	(706,727)	(3,236,740)		
As of December 31, 2015								
Non-derivative financial liabilities								
Bank loans	\$	11,422,622	(13,306,458)	(6,492,427)	(955,211)	(1,496,043)	(4,362,777)	-
Accounts payable and other payables		6,945,548	(6,945,548)	(6,945,548)	-	_	-	-
Derivative financial instruments:								
Forward exchange								
Outflow		1,615	(577,720)	(577,720)	-	•	-	•
Inflow	_	•	576,105	576,105			<u> </u>	•
Total	\$ _	18,369,785	(20,253,621)	(13,439,590)	(955,211)	(1,496,043)	(4,362,777)	-

The Company does not expect that the cash flows included in the maturity analysis could occur significantly earlier or at significantly different amounts.

(iii) Currency risk

1) Exposure to foreign currency risk

The Group's significant exposure to foreign currency risk was as follows:

	D	ecember 31, 2016	_	December 31, 2015			
	n currency housands)	Exchange rate	TWD	Foreign currency (in thousands)	Exchange rate	TWD	
Financial assets							
Monetary items							
USD	\$ 170,359	32.25	5,494,078	168,303	32.825	5,524,546	
EUR	786	33.90	26,645	899	35.88	32,358	
Financial liabilities							
Monetary items			•				
USD	156,663	32.250	5,052,382	152,298	32.825	4,999,182	
EUR	950	33.90	32,205	691	35.88	24,793	

2) Sensitivity analysis

The Group's exposure to foreign currency risk arises from the translation of the foreign currency exchange gains and losses on cash and cash equivalents, notes and accounts receivable, other receivables, loans and borrowings, accounts payable, and other payables that are denominated in foreign currency. A 1% of appreciation (depreciation) of the TWD against the US Dollar (USD) and Euro (EUR) as of December 31, 2016 and 2015, would have increased (decreased) the net profit (loss) as follows. The analysis assumes that all other variables remain constant. The analysis is performed on the same basis for 2016 and 2015.

	Impact	t on profit (loss)	
	Increase by 1%	y Decrease by 1%	
December 31, 2016	\$ <u> 4 </u>	,361 (4,361)
December 31, 2015	\$ <u> </u>	5,329 (5,329)

3) Foreign exchange gains and losses on monetary items

Since the Group has many kinds of functional currency, the information on foreign exchange gains (losses) on monetary items were disclosed using the following total amounts:

	2016	2015
Foreign exchange gains (losses)	\$(16,237)	91,872

(iv) Interest rate risk

Please refer to the notes on liquidity risk and interest rate exposure of the Group's financial assets and liabilities.

The following sensitivity analysis is based on the exposure to interest rate risk of derivative and non-derivative financial instruments on the reporting date. For variable-rate instruments, the sensitivity analysis assumes the variable-rate liabilities are outstanding for the whole year on the reporting date. The departments of the Group's entities reported the increases/decreases in the interest rates and the exposure to changes in interest rates to the Group's key management so as to allow key management to assess the reasonableness of the changes in the interest rates.

The interest rate risk is mainly due to the Group's borrowing at floating rates. If the interest rate increases (decreases) by 1% (with other factors remaining constant on the reporting date and with analyses of the two periods on the same basis), the impaction on profit (loss) would be as follows:

	Impact on	rofit (loss)		
	Increase by 1%	Decreases by 1%		
December 31, 2016	\$ (109,304	109,304		
December 31, 2015	\$ (114,226	114,226		

(v) Fair value

1) Accounting classifications and fair values

The following table shows the carrying amounts and fair values of financial assets and financial liabilities, including their levels in the fair value hierarchy. It does not include fair value information for financial assets and financial liabilities not measured at fair value if the carrying amount is a reasonable approximation of fair value and investments in equity instruments which do not have quotation in active market and which fair value cannot be reasonably measured.

			Decen	iber 31, 2016		
		Carrying		Fair v	alue	
		value	Level 1	Level 2	Level 3	<u>Total</u>
Non-hedging derivative financial assets	\$_	6		6		6
Loans and receivables:						
Cash and cash equivalents	\$	9,230,459	-	-	-	-
Notes, accounts receivable and other receivables		7,316,101	-	•	-	-
Refundable deposits	_	52,042				
Subtotal	\$_	16,598,602				
Available-for-sale financial assets	\$ _	131,889		131,889		131,889
Non-hedging derivative financial liabilities	<u>\$_</u>	5,453		5,453		5,453
Financial liabilities at amortized cost:	_					
Bank loans	\$	10,930,402	-	-	•	-
Notes payable, accounts payable and other payables		6 <u>,017.995</u>				
Subtotal	\$_	16,948,397				
		_	Dece	mber 31, 2015		
	_	Carrying		Fair v		
		value	Level 1	Level 2	Level 3	Total
Non-hedging derivative financial assets	<u>\$_</u>	78		78		78
Loans and receivables:						
Cash and cash equivalents	\$	7,189,597				
			-	-	-	-
Notes, accounts receivable and other receivables		7,855,191	-	-	-	-
		7,855,191 42,70 <u>3</u>	- -	- -	- - <u>-</u>	- -
receivables	_ \$_	-	- - -	- - 	- - -	- -
receivables Refundable deposits	- \$_ \$_	42,703	- - - -		- - - -	
receivables Refundable deposits Subtotal	-	42,70 <u>3</u> 15,087,491	- - - -	57,650 1,615	- - - - -	
receivables Refundable deposits Subtotal Available-for-sale financial assets	\$_	42,703 15,087,491 57,650	-		- - - -	
receivables Refundable deposits Subtotal Available-for-sale financial assets Non-hedging derivative financial liabilities	\$_	42,703 15,087,491 57,650	- - - - -		- - - - - -	
receivables Refundable deposits Subtotal Available-for-sale financial assets Non-hedging derivative financial liabilities Financial liabilities at amortized cost:	\$_ \$_ \$_	42,703 15,087,491 57,650 1,615	- - - - -		- - - - -	

Notes to Consolidated Financial Statements

2) Valuation techniques for financial instruments measured at fair value

a) Non-derivative financial instruments

A financial instrument is regarded as being quoted in an active market if quoted prices are readily and regularly available from an exchange, dealer, broker, industry group, pricing service, or regulatory agency and those prices represent actual and regularly occurring market transactions on an arm's-length basis. Whether transactions are taking place "regularly" is a matter of judgment and depends on the facts and circumstances of the market for the instrument.

Quoted market prices may not be indicative of the fair value of an instrument if the activity in the market is infrequent, the market is not well-established, only small volumes are traded, or bid-ask spreads are very wide. Determining whether a market is active involves judgment.

Measurements of fair value of financial instruments without an active market are based on a valuation technique or quoted price from a competitor. Fair value measured by a valuation technique can be extrapolated from similar financial instruments, the discounted cash flow method, or other valuation technique including a model using observable market data at the consolidated balance sheet date.

b) Non-hedging derivative financial instruments

The fair value of derivative instruments is based on quoted prices, for example, discounted method, option pricing model. Forward exchange contract is usually based on forward exchange rate.

3) Transfer between Level 1 and Level 2

There were no significant transfers of financial assets from level 1 to level 2 for the years ended December 31, 2016 and 2015.

4) Reconciliation of Level 3 fair values: none

The Group's beneficial and adverse change refers to the fluctuation of the fair value, and the fair value is calculated by parameters at any unobservable level and valuation technique. The above table only reflects the effect which results from the single parameter changes, and does not consider the correlation and variability between parameters, even if there is more than one parameter that would affect the fair value.

Notes to Consolidated Financial Statements

(x) Financial risk management

(i) Overview

The Group is exposed to the nature and extent of the risks arising from financial instruments as below:

- 1) Credit risk
- 2) Liquidity risk
- 3) Market risk

Detailed information about exposure risk arising from the aforementioned risk and the Group's objective, policies and process for managing risks and methods used to measure the risk arising from financial instruments is found below.

(ii) Risk management framework

The Board of Directors has overall responsibility for the establishment and oversight of the risk management framework. Each responsible division is responsible for developing and monitoring the Group's risk management policies and reports regularly to the Board of Directors on its activities.

The Group's risk management policies are established to identify and analyze the risks faced by the Group, to set appropriate risk limits and controls, and to monitor risks and adherence to limits. Risk management policies and systems are reviewed regularly to reflect changes in market conditions and the Group's activities. The Group, through its training and management standards and procedures, aims to develop a disciplined and constructive control environment in which all employees understand their roles and obligations. The Company's Supervisor is assisted in this oversight role by the internal auditor. The internal auditor reviews the risk controls and procedures, and reports the results on a regular or irregular basis to the Board of Directors.

The Company's Supervisor oversees how the management complies in monitoring the Group's risk management policies and procedures and reviews the adequacy of the risk management framework in relation to the risks faced by the Group.

(iii) Credit risk

Credit risk is the risk of financial loss to the Group if a customer or counterparty to financial instruments fails to meet it contractual obligations and arises principally from the Group's receivables from the customers and investments in securities.

Notes to Consolidated Financial Statements

1) Accounts receivable

The Group has established a credit policy under which each new customer is analyzed individually for creditworthiness before the Group's standard payment and delivery terms and conditions are offered. Group's review includes external ratings, when available, and in some cases bank references. Purchase limits are established for each customer and represent the maximum open amount without requiring approval; these limits are reviewed regularly. Customers that fail to meet the Group's benchmark creditworthiness may transact with the Group only on a prepayment basis.

In monitoring customer credit risk, customers are grouped according to their credit characteristics, including whether they are an individual or a legal entity, whether they are a wholesale, retail or an end-user customer, geographic location, industry, aging profile, maturity, and existence of previous financial difficulties. Accounts receivable and other receivables relate mainly to the Group's end-user customers. Customers that are graded as "high risk" are placed on a restricted customer list and monitored by the management, and future sales are made on a prepayment basis.

As a result of environment fluctuation in 2016 and 2015, certain purchase limits have been redefined, particularly for customers operating in solar division. The Group will be monitoring and adjusting the limits continuously.

Goods are sold subject to a retention of title clause, so that in the event of non-payment the Group may have a secured claim. The Group otherwise does not require collateral in respect of trade and other receivables.

The allowance for impairment accounts is estimated to reflect the loss on notes and accounts receivable for those customers graded as "high risk". The allowance account reflects the specific loss based on customers' financial position, historical payment behavior, and asset pledge.

2) Investments

The Group limits their exposure to credit risk by investing only in securities with liquidity and good credit ratings. Management actively monitors credit ratings, and given that the Group has only invested in securities with high credit ratings, management does not expect any counterparty to fail to meet their obligations.

The credit risk exposure in the bank deposits and equity instruments is measured and monitored by the Group's finance department. Since the Group's transactions are with external parties with good credit standing, highly rated financial institutions, and publicly traded stock companies, or involved convertible bonds issued by publicly traded companies, there are no noncompliance issues and therefore no significant credit risk.

Notes to Consolidated Financial Statements

3) Guarantees

According to the Group's management policy, the Group can only provide financial guarantees to certain entities which meet specific requirements. As of December 31, 2016 and 2015, the Group didn't provide any guarantees or endorsements to other companies.

(iv) Liquidity risk

Liquidity risk is a risk that the Group will encounter difficulty in meeting the obligations associated with its financial liabilities that are settled by delivering cash or another financial asset. The Group's approach to managing liquidity is to ensure, as far as possible, that it always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Group's reputation.

The Group uses activity-based costing to cost its products and services, which assists it in monitoring cash flow requirements. The Group aims to maintain the level of its cash and cash equivalents and other highly marketable debt investments at an amount in excess of expected cash flows on financial liabilities (other than payables) over the succeeding 60 to 90 days. The Group also monitors the level of expected cash outflows on trade and other payables. This excludes the potential impact of extreme circumstances that cannot reasonably be predicted, such as natural disasters. As of December 31, 2016 and 2015, the Group had unused bank facilities for \$10,512,918 and \$7,062,898, respectively.

(v) Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates and interest rates that will affect the Group's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing the return.

The Group buys and sells derivatives, and also incurs financial liabilities, in order to manage market risk. All such transactions are carried out within the guidelines set by the management. Generally, hedge accounting is not applied in these circumstances, and the Group charges the changes in value to profit or loss.

1) Currency risk

The Group is exposed to currency risk on sales, purchases and borrowings that are denominated in a currency other than the respective functional currencies of the Group entities, primarily the TWD. These transactions are denominated in TWD, EUR and USD.

Notes to Consolidated Financial Statements

At any point in time, the Group hedges its estimated foreign currency exposure with respect to its forecast sales and purchases over the following six months. The Group also hedges all trade receivables and trade payables denominated in a foreign currency. The Group uses forward exchange contracts to hedge its currency risk, with a maturity of less than one year from the reporting date. When necessary, forward exchange contracts are rolled over at the maturity date.

The interest is denominated in the currency used in the borrowings. Generally, borrowings are denominated in currencies that match the cash flows generated by the underlying operations of the Group, primarily TWD, USD, CNY and JPY. This provides an economic hedge without derivatives being entered into, and therefore, hedge accounting is not applied in these circumstances.

In respect of other monetary assets and liabilities denominated in foreign currencies, the Group ensures that its net exposure is kept to an acceptable level by buying or selling foreign currencies at spot rates when necessary to address short-term imbalance.

The Group's investments in subsidiaries are not hedged as those currency positions are considered to be long-term in nature.

2) Interest rate risk

The Group's interest rate on borrowings was at a floating rate. The Group did not enter into and designate interest rate swaps as hedges of the variability in cash flows attributable to interest rate risk.

In response to changes in interest rates, the Group assesses each currency lending rate of financial institutions and maintains good relationships with them, in order to obtain lower financing costs. This also strengthens the management of working capital, reduces dependence on bank borrowings, and lowers the risk of changes in interest rates.

(y) Capital management

The Board of Directors' policy is to maintain a strong capital base to maintain the confidence of investors, creditors, and the market and to sustain future development of the business.

The Group uses the debt-to-equity ratio to manage its capital. This ratio uses the total net debt to be divided by the total capital. The total net debt from the balance sheet are derived from the total liabilities, less, cash and cash equivalent. The total capital and equity include share capital, capital surplus, retained earnings, other equity.

The Group's debt-to-equity ratio at the reporting date was as follows:

	D	December 31, 2016				
Total liabilities	\$	17,488,451	18,961,980			
Less: cash and cash equivalents	_	(9,230,459)	(7,189,597)			
Net liabilities		8,257,992	11,772,383			
Total equity	\$	13,301,604	14,522,803			
Debt-to-equity ratio	_	62.08 %	81.06 %			

As of December 31, 2016, the debt-to-equity ratio had decreased, mainly resulting from the improvement of inventories control and receivables received to repayments of borrowings, which led to decrease in net liabilities. The decrease in net liabilities was higher than that of the equity, resulting in a decrease in debt-to-equity ratio.

(7) Related-party transactions

(a) Parent company and ultimate controlling company

The Company is the ultimate controlling party of the Group.

(b) Key management personnel compensation

Key management personnel compensation comprised:

	 2016	2015
Short-term employee benefits	\$ 30,682	36,006
Post-employment benefits	783	969
Other long-term benefits	-	-
Termination benefits	-	-
Share-based payments	 11,980	16,937
	\$ 43,445	53,912

2016

Please refer to note 6(q) for information on share-based payment.

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(8) Pledged assets

The carrying values of pledged assets were as follows:

Pledged assets	Object	December 31, 2016	December 31, 2015
Notes receivable	Short-term borrowings	\$ 662,892	809,414
Notes receivable	Guarantees for banker's acceptance for purchase of material	494,149	172,018
Time deposits (recorded as other receivables)	Guarantees for banker's acceptance or purchase of material	403,666	259,708
Deposits (recorded as other non-current assets and other receivables)	Guarantees for electric power charge	23,179	25,285
Deposits (recorded as other receivables)	Guarantees for credit card and others	-	277
Time deposits (recorded as other receivables)	Guarantees for engineering project	3,193	3,193
Machinery and equipment	Long-term borrowings	•	2,159,576
Deposits (recorded as other non-current assets)	Guarantees for engineering project	1,108	1,108
Time deposits (recorded as other non-	Guarantees for leased dormitory		
current assets)		6.639	6,825
		\$ 1,594,826	3,437,404

(9) Significant commitments and contingencies

(a) In addition to those in note 6(m), the Group also has contracts involving significant unrecognized commitments as follows:

(i) Unused letters of credit for the Group's purchases of raw materials, machinery and equipment were as follows:

	December 31, 2016	ember 31,	December 31,
		2016	2015
Unused letters of credit	\$	158,385	392,736

(ii) Bank guarantees for the Group's purchases of raw materials and payments for construction were as follows:

	Dec	ember 31,	December 31,
		2016	2015
Bank guarantees	\$	112,400	239,767

(iii) The status of agreements for the Group's purchases of raw materials, expansion of the factory, and purchases of machinery and equipment was as follows:

	December 31, 2016	December 31, 2015
Total contract price	\$ 14,467,612	2,448,782
Unexecuted amount	\$ <u>4,421,767</u>	2,040,063

(b) To overcome the short supply of materials, the Group entered into long-term material supply contracts with some suppliers to purchase materials from 2005 under which the purchase quantities (Continued)

Notes to Consolidated Financial Statements

are fixed and the prices will be adjustable based on changes in the material cost structure. As the Group and its suppliers had not reached consensus on the purchase price adjustment under these long-term material supply contracts or the supplier could not comply with the requirement of these long-term material supply contracts, the Group had accrued possible loss on the prepayments made to these supplies and penalties that may arise thereon, which was charged to operating costs.

(c) The Group entered into long-term purchase contracts with suppliers to purchase nitrogen in bulk volume. Starting from the contract, if the actual consumed volume is less than basic volume usage, the Group should pay for the cost of the basic volume usage instead.

(10) Losses due to major disasters

A fire incident occurred on the 3rd floor of the Company's Factory 5 located at Southern Taiwan Science Park on November 5, 2015. In 2016 and 2015, the Company recognized related losses amounting to \$420,000 and \$568,000, respectively. The Company had insured its property insurance, therefore, the Company received the insurance claim amounting to \$731,216 and \$390,000 in 2016 and 2015, respectively. Due to the above-mentioned incident, it recognized a net gain amounting to \$311,216 and a net loss amounting to \$178,000, which was recorded as other gains and losses.

(11) Subsequent Events

A resolution was approved during board of directors' meeting held on January 20, 2017 for the capital increase by cash and the issuance of 50,000 thousand new shares, with par value of \$10 (dollars) per share.

(12) Other

(a) A summary of employee benefits, depreciation, and amortization, by function, is as follows:

By function		2016		2015			
By item	Operating costs	Operating expenses	Total	Operating costs	Operating expenses	Total	
Employee benefits							
Salary	2,008,389	319,407	2,327,796	1,582,219	289,185	1,871,404	
Labor and health insurance	269,423	34,488	303,911	195,739	30,370	226,109	
Pension	79,354	16,245	95,599	72,363	20,873	93,236	
Others	133,196	69,195	202,391	80,154	19,454	99,608	
Depreciation	2,215,270	118,220	2,333,490	1,841,935	117,435	1,959,370	
Amortization	48,499	17,074	65,573	29,004	14,158	43,162	

(b) Seasonal operation

The operation of the Group's solar division is subject to seasonal fluctuations due to weather conditions. It's influential because the northern hemisphere winter weather is cold. The Group tried to meet the supply demand for this period by inventory management to reduce the seasonal impact. However, solar division's sales at the end of the fourth quarter is generally lower than the beginning of the first quarter.

(13) Other disclosures

(a) Information on significant transactions

The following is the information on significant transactions required by the Regulations for the Group:

- (i) Loans to other parties: None.
- (ii) Guarantees and endorsements for other parties:

Ī			guaran	-party of itee and sement	Limitation on	Highest	Balance of		Property	Ratio of accumulated amounts of		Parent company	Subsidiary endorsements/	Endorsements/ guarantees to
			<u> </u>	Relationship	amount of guarantees and endorsements	balance for	guarantees and endorsements as of reporting	amount during	pledged for guarantees and	guarantees and endorsements to net worth of the latest	guarantees and	endorsements/ guarantees to third parties on	guarantees to third parties on behalf of	third parties on behalf of companies in
	No.	Name of guarantor	Name	with the Company	for a specific enterprise	during the period	date (Note 1)	the period	(Amount)	financial statements	endorsements (Note 2)	behalf of subsidiary	parent company	Mainland China
Ī		The Company	MJ	3	Net worth x 20%	126,570	126,570	96,225	•	0.97 %	Net worth x 40%		N	N
	1	SNE	MAS	2	2,620,546 Net worth x 20% 862,790	750,310	750,310	496,288	-	17.39 %	5,241,092 Net worth x 40% 1,725,579	Y	N	Y

Note 1: The ending balance for the period represents the amounts approved by the Board of Directors.

Note 2: The ceiling of endorsement and guarantee for a single entity shall not exceed 20% of the net worth of the Company. In addition, the ceiling of aggregated endorsements and guarantees shall not exceed 40% of the net worth of the Company.

Note 3: The amounts had been offset in the consolidated financial statements.

(iii) Securities held as of December 31, 2016 (excluding investment in subsidiaries, associates and joint ventures):

	Category and				Ending		Highest		
Name of holder	name of security	Relationship with company	Account title	Shares/Units	Carrying value	Percentage of ownership (%)	Fair value	Percentage of ownership (%)	Note
	Jinzhou Solar	Director of the	Non-current	-	131,889	17.80 %	131,889	- %	
	Motech Equity		available-for-sale financial assets						

- (iv) Individual securities acquired or disposed of with accumulated amount exceeding the lower of \$300 million or 20% of the capital stock: None.
- (v) Acquisition of individual real estate with amount exceeding the lower of \$300 million or 20% of the capital stock: None.
- (vi) Disposal of individual real estate with amount exceeding the lower of \$300 million or 20% of the capital stock: None.
- (vii) Related-party transactions for purchases and sales with amounts exceeding the lower of \$100 million or 20% of the capital stock:

									Notes/Accounts	receivable (payable)	_
				Transacti	on details		from	others			
Name of		Nature of			Percentage of total					Percentage of total notes/accounts receivable	
company	Related party	relationship	Purchase/Sale	Amount	purchases/sales	Payment terms	Unit price	Payment terms	Ending balance	(payable)	Note
The Company	SNE	Subsidiary	Sale	591,016	2,81%	90 days	Non-significant difference	90 days	103	•	
SNE	The Company	Parent company	Purchase	591,016	5.22%	90 days	Non-significant difference	90 days	103	-	
The Company	MJ	Subsidiary	Sale	909,887	4.32%	150 days	Non-significant difference	150 days	147,216	6,69%	
MJ	The Company	Parent company	Purchase	909,887	86.85%	150 days	Non-significant difference	150 days	147,216	99.55%	
The Company	MAS	Subsidiary	Sale	466,531	2.22%	90 days	Non-significant difference	90 days	401,624	18.24%	
MAS	The Company	Parent company	Purchase	466,531	41.55%	90 days	Non-significant difference	90 days	401,624	47.78%	
SNE	The Company	Parent company	Sales	2,039,718	16.95%		Non-significant difference	90 days	156,315	3,03%	
The Company	SNE	Subsidiary	Purchase	2,039,718	9.94%	90 days	Non-significant difference	90 days	156,315	7.60%	
SNE	XNE	Subsidiary	Sale	2,056,033	17.08%	90 days	Non-significant difference	90 days	550,529	10.69%	
XNE	SNE	Parent company	Purchase	2,056,033	73.94%		Non-significant difference	90 days	550,529	76.73%	
XNE	SNE	Parent company	Sale .	1,905,417	70.72%	90 days	Non-significant difference	90 days	236,590	56.41%	
SNE	XNE	Subsidiary	Purchase	1,905,417	16.83%		Non-significant difference	90 days	236,590	8,01%	

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				Transaction details				th terms different others	Notes/Accounts		
Name of	Related party	Nature of relationship	Purchase/Sale	Amount	Percentage of total purchases/sales	Doumant tarms	Unit price	Payment terms	Ending balance	Percentage of total notes/accounts receivable (payable)	Note
MAS Company		Parent company		479,211	43,55%	90 days	Non-significant difference	90 days	151,276	22,18%	34010
SNE	MAS	Subsidiary	Purchase	479,211	4.23%		Non-significant difference	90 days	151,276	5.12%	
MAS	The Company	Parent company	Sale	262,151	23.82%		Non-significant difference	90 days	225,267	33.03%	
Тье Сотрапу	MAS	Subsidiary	Purchase	262,151	1,28%	90 days	Non-significant difference	90 days	225,267	10.95%	
SNE	MAS	Subsidiary	Sale	216,752	1.80%		Non-significant difference	90 days	36,949	0.72%	
MAS	SNE	Parent company	Purchase	216,752	19.30%	90 days	Non-significant difference	90 days	36,949	4.40%	

Note: The amounts had been offset in the consolidated financial statements.

(viii) Receivables from related parties with amounts exceeding the lower of NT\$100 million or 20% of the capital stock:

Name of	1	Nature of	Ending	Turnover	Ove	rduc	Amounts received in	Allowance
сотрапу	Counter-party	relationship	balance	rate	Amount	Action taken	subsequent period	for bad debts
The Company	MAS	Subsidiary	793,940	•	493,723	Strengthen collection	54,582	-
The Company	MJ	Subsidiary	147,232	-	79,041	Strengthen collection	131,091	-
SNE	The Company	Parent company	156,328	•	45,375	Strengthen collection	150,762	-
SNE	XNE	Parent company	572,431	•	78,927	Strengthen collection	123,686	-
XNE	SNE	Subsidiary	236,590	-	-	Strengthen collection	189,686	•
MAS	The Company	Parent company	225,267	•	1,064	Strengthen collection	7,870	-
MAS	SNE	Subsidiary	151,276	-	13,507	Strengthen collection	44,039	-

Note: The amounts had been offset in the consolidated financial statements.

- (ix) Trading in derivative instruments: Please refer to note 6(b).
- (x) Business relationships and significant intercompany transactions:

		T	Nature of	Intercompany transactions				
No.	Name of company	Name of counter-party	relationship	Account name	Amount	Trading terms	Percentage of the consolidated net revenue or total assets	
0	The Company	SNE	1	Sale	591,016	90 days	2.04%	
0	The Company	MJ	1	Sale	909,887	90 days	3.14%	
0	The Company	MAS	1	Sale	466,531	90 days	1.61%	
1	SNE	The Company	2	Sale	2,039,718	90 days	7.04%	
1	SNE	XNE	1	Sale	2,056,033	90 days	7.10%	
1	SNE	MAS	1	Sale	216,752	90 days	0.75%	
2	XNE	SNE	2	Salc	1,905,417	90 days	6.58%	
3	MAS	The Company	2	Sale	262,151	90 days	0.91%	
3	MAS	SNE	2	Sale	479,211	90 days	1.65%	
0	The Company	MJ	1	Notes and accounts receivable	147,216	150 days	0.48%	
0	The Company	MAS	1	Notes and accounts receivable	401,624	90 days	1.30%	
1	SNE	The Company	2	Notes and accounts receivable	156,315	90 days	0.51%	
ì	SNE	XNE	Ī	Notes and accounts receivable	550,529	90 days	1.79%	
2	XNE	SNE	2	Notes and accounts receivable	236,590	90 days	0.77%	
3	MAS	The Company	2	Notes and accounts receivable	225,267	90 days	0.73%	
3	MAS	SNE	2	Notes and accounts receivable	151,276	90 days	0.49%	
0	The Company	MAS	1	Other receivables	392,316	90 days	1.27%	
0	The Company	MAS	1	Machinery and equipment	521,841	90 days	1.69%	
1	SNE	XNE	1	Machinery and equipment	458,772	90 days	1.49%	

Note 1: Company numbering is as follows:

Parent company 0

Subsidiary starts from 1

Note 2: Relationship with transaction party numbering is as follows:

Parent company to subsidiary 1

Subsidiary to parent company 2

Subsidiary to subsidiary 3

(b) Information on investees:

The following is the information on investees for the years ended December 31, 2016 (excluding information on investees in Mainland China):

		Main Original investment amount		stment amount	Balance as of December 31, 2016			Highest	Net income	Share of		
Name of investor	Name of investee	Location	businesses and products	December 31, 2016	December 31, 2015	Shares	Percentage of ownership	Carrying value	Percentage of ownership	(losses) of investee	profits/losses of investee	Note
The Company	Power Islands	Samoa	Holding company	5,629,791	5,623,711	174,832,816	100.00 %	4,151,321	100 %	(172,214)	(172,214)	4
The Company	Think Global	British Virgin Islands	Commission trade, goods delivery and trading	333	333	10,000	100,00 %	47,335	100 %	(364)	(364)	
	Inergy Technology Inc.	Taiwan	Product design	95,821	95,821	8,558,750	24.38 %	48,359	24.38 %	423	103	
Power Islands	Cheer View	British Virgin Islands	Holding company	2,564,272	2,564,272	77,500,000	190,00 %	3	100 %	•	-	
Power Islands	Noble Town	Samoa	Holding company	1,315,740	1,309,660	42,533,090	100.00 %	40,114	100 %	(20,178)	(20,178)	i
	AE Polysilicon Corporation	United States	Polysilicon manufacturing	2,398,043	2,398,043	11,573,947	37.11 %	-	37,11 %	•	-	
Noble Town	MA	United States	Solar module trading	1,144,920	1,144,920	-	100.00 %	(6,090)	100 %	(3,902)	(3,902)	1
Noble Town	м	Јарал	Solar module trading	170,820	164,740	8,000	100.00 %	46,210	100 %	(16,183)	(16,269)	1

(c) Information on investment in mainland China:

(i) The names of investees in Mainland China, the main businesses and products, and other information:

Name of investee	Main businesses and products	Total amount of paid-in capital	Method of investment	Accumulated outflow of investment from Taiwan as of January 1, 2015	Investm	ent flows	Accumulated outflow of investment from Taiwan as of December 31, 2016	Net income (losses) of the investee	ownership	Highest Percentage of ownership	Investment income (losses)	Book value	Accumulated remittance of earnings in current period
	Manufacturing and processing, solar cells and solar modules	2,117,835	(Note 1)	1,723,275	•	•	1,723,275	(159,413)	95.39%	95.39 %	(152,031)	4,115,076	•
1		404,698 (CNY 80,844 thousand dollars)	(Note 2)		•	•	-	(121,875)	95.39%	95.39 %	(116,257)	260,148	-
	cells and solar	464,701 (CNY 95,500 thousand dollars) (Note 7)	(Note 2)	٠	•	•	•	(114,539)	95.39%	95.39 %	(109,259)	329,427	-

(ii) Limitation on investment in Mainland China:

Accumulated Investment in Mainland China as of December 31, 2016 (Note 5)	Investment Amounts Authorized by Investment Commission, MOEA (Note 5)	Upper limit on investment (Note 6)
1,723,275 (USD 54,000,000)	2,805,750 (USD 87,000,000)	7,861,638

- Note 1: The Company indirectly invested in the company in Mainland China through a third region.
- Note 2: The Company indirectly invested in the company in Mainland China through a third region in the company in Mainland China.
- Note 3: Amount was recognized based on audited financial statements.
- Note 4: The amounts consist of investment gain or loss and carrying value as of December 31, 2016, recognized by the Company which indirectly invested through a third region.
- Note 5: Investment in China including equipment investment is recorded at exchange rates prevailing at the transaction date. Equity in the earnings (losses) is translated into New Taiwan dollars at the average rates during each period of the year. Other amounts regarding foreign currency financial assets are translated at the rate of exchange at the balance sheet date, which was 32.25 New Taiwan dollars.
- Note 6: Upper limitation would be the higher of 60% of the net worth of the Company or of the Group.
- Note 7: The amounts consist of investment in Mainland China were recorded at exchange rates into New Taiwan dollars.

(iii) Significant transactions:

For the significant transaction items (which had been offset in the consolidated statements) between the Group and direct or indirect investees in Mainland China in 2016, please refer to the explanation in note 13(a) "Information on significant

transactions."

(14) Segment information

(a) General Information

The reporting segment in the Group is solar business. Solar business covers the manufacturing, marketing, and sale of solar cells, silicon wafers, and solar modules.

Other operating segments in the Group are related to the manufacturing, marketing, and sale of measurement instruments and photovoltaic inverters, installation of solar electricity systems, and design of ICs. As these segments do not reach the standard for disclosure, no separate disclosures were made thereon in 2016 and 2015.

(b) Profit or loss data of the reporting segment (including specific revenues and expenses), assets and liabilities of the segment, the basis of measurement, and the related eliminations.

No tax expenses or non-operating income and expenses are allocated to the reporting segment. In addition, the reporting segment does not include depreciation and amortization of significant non-cash items. The reportable amount is similar to that in the report used by the chief operating decision maker.

The accounting policies of the operating segments are the same as those described in note 4. The Group evaluates performance of operating segment on the basis of operating income. The Group treats intersegment sales and transfers as third-party transactions. They are measured at market price.

The Group's operating segment information and reconciliation are as follows:

	2016					
•	_	Solar	Other	Elimination	Total	
Revenues:						
Revenues from external customers	\$	28,934,610	28,282	-	28,962,892	
Revenues from parent and consolidated subsidiaries		-	-		-	
Interest income	_	24,725		-	24,725	
Total revenues	\$_	28,959,335	28,282		28,987,617	
Interest expense	\$_	(246,889)			(246,889)	
Depreciation and amortization	\$_	(2,391,538)	(7,525)	-	(2,399,063)	
Impairment loss of non-financial assets	S_	(216,325)			(216,325)	
Share of gain (loss) of associates accounted for using equity method	<u> </u>	103			103	
Segment income	<u>\$</u> _	(337,749)	(35,857)		(373,606)	
Assets:	-					
Investment accounted for using equity method	\$	48,359	•	-	48,359	
Capital expenditures for non-current assets	_	1.235.244			1,235,244	
Segment assets (Note)	\$_	-				
Segment liabilities (Note)	\$_	-		-		

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	2015					
		Solar	Other	Elimination	Total	
Revenues:	•					
Revenues from external customers	\$	24,643,766	110,389	-	24,754,155	
Revenues from parent and consolidated subsidiaries		-	-	-	-	
Interest income	_	39,066		-	39,066	
Total revenues	\$_	24,682,832	110,389		24,793,221	
Interest expense	<u>\$_</u>	(217,922)		<u> </u>	(217,922)	
Depreciation and amortization	S _	(1,992,657)	(9,875)		(2,002,532)	
Impairment loss of non-financial assets	\$ _	(60,536)		-	(60,536)	
Share of gain (loss) of associates accounted for using equity method	s_	1,196			1,196	
Segment income	\$ _	183,549	(46,941)	-	136,608	
Assets:						
Investment accounted for using equity method	\$	48,036	-	-	48,036	
Capital expenditures for non-current assets	_	994,566			994,566	
Segment assets (Note)	\$_	-		<u></u>		
Segment liabilities (Note)	\$ <u></u>	-		-		

Note: The segments' assets and liabilities data were not reviewed by the entity's chief operating decision maker. Therefore, the amounts thereof were disclosed as zero.

In 2016 and 2015, included in the total reportable segment revenue was elimination of intersegment revenue of \$0. The reporting segment's income and earnings before tax, after such elimination, were the same as those items listed under non-operating income and expenses of the consolidated statements of operations. Please refer to non-operating income and gains and non-operating expenses and losses in the accompanying consolidated statements of comprehensive income.

(c) Group-wide information

(i) Segment information by products and services

The reporting segment of the Group is presented by products and services. Revenue from external customers is disclosed in note 14(b), so the Group does not disclose segment information by products and services here.

MOTECH INDUSTRIES INC. AND ITS SUBSIDIARIES **Notes to Consolidated Financial Statements**

(ii) Geographical information

In presenting information on the basis of geography, segment revenue is based on the geographical location of customers, and segment assets are based on the geographical location of the assets.

Location	2016	2015		
Revenue from external customers:				
Taiwan	\$ 911,903	984,115		
China	14,129,782	10,052,859		
Singapore	4,018,480	3,850,022		
Canada	1,612,509	2,860,121		
Japan	1,238,718	1,011,131		
Others	 7,051,500	5,995,907		
	\$ 28,962,892	24,754,155		
Location	2016	2015		
Other non-current assets:	 			
Taiwan	\$ 7,337,631	9,874,795		
Japan	1,796	48,817		
China	3,125,748	2,822,423		
United States	 966	456		
Total	\$ 10,466,141	12,746,491		

Non-current assets include property, plant and equipment, investment property, intangible assets, and other assets, not including financial instruments, deferred tax assets, pension fund assets, and rights arising from an insurance contract (non-current).

(iii) Information about revenue from major customers

	2016	2015
A company	\$ 5,213,482	5,809,244
B company	 2,745,681	3,018,024
	\$ 7,959,163	8,827,268