Taita Chemical Co., Ltd. and Subsidiaries

Consolidated Financial Statements for the Years Ended December 31, 2018 and 2017 and Independent Auditors' Report

DECLARATION OF CONSOLIDATION OF FINANCIAL STATEMENTS OF AFFILIATES

The entities that are required to be included in the combined financial statements of Taita Chemical Co., Ltd. as of and for the year ended December 31, 2018, under the “Criteria Governing 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 Standard 10, “Consolidated Financial Statements”. In addition, the information required to be disclosed in the combined financial statements of affiliates is included in the consolidated financial statements of Taita Chemical Co., Ltd. and subsidiaries. Consequently, we did not prepare a separate set of combined financial statements of affiliates.

Very truly yours,

TAITA CHEMICAL CO., LTD.

By:

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YI-GUI WU
Chairman

March 6, 2019

Deloitte.

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INDEPENDENT AUDITORS' REPORT

The Board of Directors and Shareholders
Taita Chemical Co., Ltd.

Opinion

We have audited the accompanying consolidated financial statements of Taita Chemical Co., Ltd. and its subsidiaries (collectively referred to as the "Group"), which comprise the consolidated balance sheets as of December 31, 2018 and 2017, and the consolidated statements of comprehensive income, changes in equity and cash flows for the years then ended, and the notes to the consolidated financial statements, including a summary of significant accounting policies (collectively referred to as the "consolidated financial statements").

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, 2018 and 2017, 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 International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), IFRIC Interpretations (IFRIC), and SIC Interpretations (SIC) endorsed and issued into effect 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 Attestation of Financial Statements by Certified Public Accountants and auditing standards generally accepted in the Republic of China. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are independent of the Group in accordance with The Norm of Professional Ethics for Certified Public Accountant of the Republic of China, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for 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 for the year ended December 31, 2018. 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.

Key audit matters for the Group's consolidated financial statements for the year ended December 31, 2018 are stated as follows:

<u>Occurrence of Revenue Recognition - Sales Revenue from Specific Customer</u>

For the year ended December 31, 2018, the Group's combined sales revenue was NT$21,683,702 thousand, which was approximately 9% higher than the combined sales revenue for the year ended December 31, 2017, which was NT$19,821,042 thousand. The Group's sales revenue growth is affected by market demand and rising prices in the international crude oil market. The increase in sales revenue was primarily concentrated on specific customers. The sales revenue of these customers for the year ended December 31, 2018 was NT$6,025,712 thousand, accounting for approximately 28% of the total sales revenue. The Group recognized sales revenue from these customers when performance obligations of the contract are satisfied, which can have a significant influence on the consolidated financial statements. Thus, we identified sales revenue as one of the key audit matters.

For accounting policies and judgments related to revenue recognition, refer to Notes 4 and 27 to the consolidated financial statements.

Our main audit procedures performed in respect of the above key audit matter included the following:

1. We understood and tested the design and operating effectiveness of revenue recognition and evaluated the appropriateness of accounting policies on revenue recognition used by the Group's management.

2. We sampled the transaction documents of sales revenue from these specific customers, including purchase orders, shipping documents, export documents, and cash collection documents, to confirm the authenticity of revenue recognition.

3. We sampled sales returns and allowances and cash collections subsequent to the balance sheet date to verify whether they were normal or abnormal.

Estimation of Inventory Write-downs

As of December 31, 2018, the carrying amount of inventory was NT$1,159,524 thousand (i.e. the gross amount of inventory was NT$1,218,708 thousand with a deduction of NT$59,184 thousand for inventory valuation allowance) and was accounted for 13% of the total assets.

Inventories of the Group are stated on the lower of cost or net realizable value. The net realizable value is subject to price fluctuations of styrene monomer. With volatile oil prices worldwide, such valuation of inventory requires significant judgment from management. Thus, we identified inventory write-downs as one of the key audit matters.

For accounting policies and critical accounting judgments and key sources of estimation uncertainty related to the estimation of inventory write-downs, refer to Notes 4, 5 and 14 to the consolidated financial statements.

Our main audit procedures performed in respect of the above key audit matter included the following:

1. We understood and evaluated the reasonableness of the Group's policy and methods of the allowance for losses on inventory.

2. We obtained the evaluation documents of the allowance for losses on inventory from management. We sampled and inspected the latest inventory quotations or sales invoices to verify the basis and appropriateness of the evaluation.

3. By performing a year-end inventory observation, we understood the inventory status and evaluated the reasonableness of the allowance for losses on inventory.

Other Matter

We have also audited the parent company only financial statements of Taita Chemical Co., Ltd. as of and for the years ended December 31, 2018 and 2017 on which we have issued an unmodified report.

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 the Regulations Governing the Preparation of Financial Reports by Securities Issuers and IFRS, IAS, IFRIC, and SIC endorsed and issued into effect 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, including the audit committee, are responsible for overseeing the Group's financial reporting process.

Auditors' 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 auditors' 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 the 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 auditors' 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 auditors' 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 and appropriate audit evidence regarding the financial information of 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 for the year ended December 31, 2018 and are therefore the key audit matters. We describe these matters in our auditors' 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 Hsiu-Chun Huang and Cheng-Chun Chiu.

Deloitte & Touche
Taipei, Taiwan
Republic of China

March 6, 2019

<u>*Notice to Readers*</u>

The accompanying consolidated financial statements are intended only to present the consolidated financial position, financial performance and cash flows in accordance with 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 applied in the Republic of China.

For the convenience of readers, the independent auditors' report and the accompanying consolidated financial statements have been translated into English from the original Chinese version prepared and used in the Republic of China. If there is any conflict between the English version and the original Chinese version or any difference in the interpretation of the two versions, the Chinese-language independent auditors' report and consolidated financial statements shall prevail.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS
DECEMBER 31, 2018 AND 2017
(In Thousands of New Taiwan Dollars)

	2018		2017	
ASSETS	**Amount**	**%**	**Amount**	**%**
CURRENT ASSETS				
Cash and cash equivalents (Notes 3, 4 and 6)	$ 602,671	7	$ 504,846	6
Financial assets at fair value through profit or loss - current (Notes 3, 4 and 7)	404,219	5	306,110	4
Financial assets at amortized cost - current (Notes 3, 4, 9 and 34)	94,636	1	-	-
Debt investments with no active market - current (Notes 3, 4, 12 and 34)	-	-	92,292	1
Notes receivable (Notes 3, 4 and 13)	674,101	8	680,817	8
Accounts receivable (Notes 3, 4 and 13)	2,232,892	26	2,226,772	25
Accounts receivable from related parties (Notes 3, 4, 13 and 33)	32,876	-	4,058	-
Other receivables (Notes 3, 4 and 13)	100,356	1	117,172	1
Other receivables from related parties (Notes 3, 4, 13 and 33)	3,918	-	5,803	-
Current tax assets (Note 29)	2,560	-	778	-
Inventories (Notes 5 and 14)	1,159,524	13	1,263,858	14
Prepayments and other current assets (Notes 20, 21 and 34)	83,847	1	110,718	1
Total current assets	5,391,600	62	5,313,224	60
NON-CURRENT ASSETS				
Financial assets at fair value through other comprehensive income - non-current (Notes 3, 4 and 8)	182,836	2	-	-
Available-for-sale financial assets - non-current (Notes 3, 4 and 10)	-	-	242,944	3
Financial assets measured at cost - non-current (Notes 3, 4 and 11)	-	-	2,683	-
Investments accounted for using the equity method (Notes 5 and 16)	498,990	6	524,732	6
Property, plant and equipment (Notes 17, 21, 33 and 34)	2,373,653	27	2,418,756	28
Investment properties (Notes 18, 21 and 34)	108,178	1	108,178	1
Other intangible assets (Note 19)	9,668	-	11,068	-
Deferred tax assets (Note 29)	103,757	1	129,546	2
Long-term prepayments for leases (Notes 20, 21 and 34)	35,217	1	37,082	-
Other non-current assets (Note 34)	23,647	-	23,222	-
Total non-current assets	3,335,946	38	3,498,211	40
TOTAL	$ 8,727,546	100	$ 8,811,435	100
LIABILITIES AND EQUITY				
CURRENT LIABILITIES				
Short-term borrowings (Notes 17, 18, 20, 21 and 34)	$ 2,004,800	23	$ 1,071,568	12
Short-term bills payable (Note 21)	20,000	-	189,923	2
Financial liabilities at fair value through profit or loss - current (Notes 4 and 7)	-	-	624	-
Accounts payable (Note 22)	922,418	11	1,443,241	17
Accounts payable from related parties (Notes 22 and 33)	390	-	495	-
Other payables (Note 23)	314,760	4	327,767	4
Other payables from related parties (Note 33)	7,187	-	8,588	-
Current tax liabilities (Note 29)	7,746	-	74,505	1
Provisions - current (Note 24)	-	-	1,179	-
Refund liabilities - current (Note 24)	806	-	-	-
Other current liabilities	38,603	-	14,663	-
Total current liabilities	3,316,710	38	3,132,553	36
NON-CURRENT LIABILITIES				
Long-term borrowings (Notes 17, 18, 20, 21 and 34)	1,000,000	11	1,000,000	11
Deferred tax liabilities (Note 29)	151,418	2	161,402	2
Net defined benefit liabilities - non-current (Note 25)	262,226	3	604,347	7
Other non-current liabilities	5,235	-	7,583	-
Total non-current liabilities	1,418,879	16	1,773,332	20
Total liabilities	4,735,589	54	4,905,885	56
EQUITY ATTRIBUTABLE TO OWNERS OF THE COMPANY (Note 26)				
Share capital	3,276,518	38	3,276,518	37
Capital surplus	779	-	469	-
Retained earnings				
Legal reserve	21,220	-	-	-
Special reserve	308,061	3	308,061	4
Unappropriated earnings	402,112	5	197,920	2
Total retained earnings	731,393	8	505,981	6
Other equity	(16,733)	-	122,582	1
Total equity	3,991,957	46	3,905,550	44
TOTAL	$ 8,727,546	100	$ 8,811,435	100

The accompanying notes are an integral part of the consolidated financial statements.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2018		2017	
	Amount	**%**	**Amount**	**%**
NET REVENUE (Notes 4, 24, 27 and 33)	$ 21,683,702	100	$ 19,821,042	100
OPERATING COSTS (Notes 14, 25, 28 and 33)	20,639,959	95	18,387,338	92
GROSS PROFIT	1,043,743	5	1,433,704	8
OPERATING EXPENSES (Notes 13, 25, 28 and 33)				
Selling and marketing expenses	543,956	2	523,996	3
General and administrative expenses	199,092	1	212,471	1
Research and development expenses	23,077	-	21,291	-
Total operating expenses	766,125	3	757,758	4
PROFIT FROM OPERATIONS	277,618	2	675,946	4
NON-OPERATING INCOME AND EXPENSES (Notes 7, 10, 11, 16, 17, 18, 28 and 33)				
Other income	64,920	-	89,154	-
Other gains and losses	34,813	-	(75,913)	-
Share of profit of associates	9,250	-	37,599	-
Finance costs	(55,349)	-	(48,934)	-
Total non-operating income and expenses	53,634	-	1,906	-
PROFIT BEFORE INCOME TAX	331,252	2	677,852	4
INCOME TAX EXPENSE (Note 29)	123,279	1	175,773	1
NET PROFIT FOR THE YEAR	207,973	1	502,079	3
OTHER COMPREHENSIVE INCOME (LOSS) (Notes 16, 25, 26 and 29)				
Items that will not be reclassified subsequently to profit or loss:				
Remeasurement of defined benefit plans	10,196	-	(16,836)	-
Unrealized loss on investments in equity instruments at fair value through other comprehensive income	(64,111)	(1)	-	-
Share of the other comprehensive loss of associates accounted for using the equity method - unrealized loss on investments in equity instruments at fair value through other comprehensive income	(19,147)	-	-	-

(Continued)

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2018 Amount	2018 %	2017 Amount	2017 %
Share of the other comprehensive income (loss) of associates accounted for using the equity method - remeasurement of defined benefit plans	$ 619	-	$ (306)	-
Income tax relating to items that will not be reclassified subsequently to profit or loss	4,287	-	2,862	-
	(68,156)	(1)	(14,280)	-
Items that may be reclassified subsequently to profit or loss:				
Exchange differences on translating the financial statement of foreign operations	(64,480)	-	17,342	-
Unrealized gain on available-for-sale financial assets	-	-	12,684	-
Share of the other comprehensive loss of associates accounted for using the equity method - exchange differences on translating the financial statement of foreign operations	(1,852)	-	(408)	-
Share of the other comprehensive income of associates accounted for using the equity method - unrealized gain on available-for-sale financial assets	-	-	12,038	-
Income tax relating to items that may be reclassified subsequently to profit or loss	10,215	-	(3,023)	-
	(56,117)	-	38,633	-
Other comprehensive (loss) income for the year, net of income tax	(124,273)	(1)	24,353	-
TOTAL COMPREHENSIVE INCOME FOR THE YEAR	$ 83,700	-	$ 526,432	3
EARNINGS PER SHARE (Note 30)				
Basic	$ 0.63		$ 1.53	
Diluted	$ 0.63		$ 1.53	

The accompanying notes are an integral part of the consolidated financial statements. (Concluded)

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017
(In Thousands of New Taiwan Dollars)

	Equity Attributable to Owners of the Company (Notes 3, 4, 16, 25 and 26)													
										Other Equity				
	Share Capital		Capital Surplus			Retained Earnings (Accumulated Deficits)								
	Shares (In Thousands)	Amount	Long-term Equity Investment	Unpaid Dividends	Total	Legal Reserve	Special Reserve	Unappropriated Earnings (Accumulated Deficits)	Total	Exchange Differences on Translating the Financial Statements of Foreign Operations	Unrealized Gain (Loss) on Available-for-sale Financial Assets	Unrealized Gain (Loss) on Financial Assets at Fair Value Through Other Comprehensive Income	Total	Total Equity
BALANCE AT JANUARY 1, 2017	327,652	$ 3,276,518	$ 469	$ -	$ 469	$ -	$ 308,061	$ (289,879)	$ 18,182	$ (92,295)	$ 176,244	$ -	$ 83,949	$ 3,379,118
Net profit for the year ended December 31, 2017	-	-	-	-	-	-	-	502,079	502,079	-	-	-	-	502,079
Other comprehensive income (loss) for the year ended December 31, 2017, net of income tax	-	-	-	-	-	-	-	(14,280)	(14,280)	13,911	24,722	-	38,633	24,353
Total comprehensive income for the year ended December 31, 2017	-	-	-	-	-	-	-	487,799	487,799	13,911	24,722	-	38,633	526,432
BALANCE AT DECEMBER 31, 2017	327,652	3,276,518	469	-	469	-	308,061	197,920	505,981	(78,384)	200,966	-	122,582	3,905,550
Effect of retrospective application	-	-	-	-	-	-	-	2,555	2,555	-	(200,966)	200,808	(158)	2,397
BALANCE AT JANUARY 1, 2018, AS RESTATED	327,652	3,276,518	469	-	469	-	308,061	200,475	508,536	(78,384)	-	200,808	122,424	3,907,947
Appropriation of 2017 earnings Legal reserve	-	-	-	-	-	21,220	-	(21,220)	-	-	-	-	-	-
Changes in capital surplus	-	-	14	296	310	-	-	-	-	-	-	-	-	310
Net profit for the year ended December 31, 2018	-	-	-	-	-	-	-	207,973	207,973	-	-	-	-	207,973
Other comprehensive income (loss) for the year ended December 31, 2018, net of income tax	-	-	-	-	-	-	-	14,884	14,884	(56,117)	-	(83,040)	(139,157)	(124,273)
Total comprehensive income (loss) for the year ended December 31, 2018	-	-	-	-	-	-	-	222,857	222,857	(56,117)	-	(83,040)	(139,157)	83,700
BALANCE AT DECEMBER 31, 2018	327,652	$ 3,276,518	$ 483	$ 296	$ 779	$ 21,220	$ 308,061	$ 402,112	$ 731,393	$ (134,501)	$ -	$ 117,768	$ (16,733)	$ 3,991,957

The accompanying notes are an integral part of the consolidated financial statements.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017
(In Thousands of New Taiwan Dollars)

	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES		
Profit before income tax	$ 331,252	$ 677,852
Adjustments for:		
Depreciation expenses	194,604	180,844
Amortization expenses	3,167	5,091
Expected credit loss	1,434	8,113
Net (gain) loss on fair value change of financial assets and liabilities at fair value through profit or loss	(22,937)	28,343
Finance costs	55,349	48,934
Interest income	(12,922)	(12,461)
Dividend income	(4,444)	(7,262)
Share of profit of associates	(9,250)	(37,599)
Loss on disposal of property, plant and equipment	1,054	1,155
Amortization of prepayments for leases	1,244	1,229
Gain on disposal of investments	-	(3,311)
Impairment loss recognized on financial assets	-	3,035
Write-down of inventories	35,632	5,400
Net loss (gain) on foreign currency exchange	2,879	(7,614)
Recognition of refund liabilities	10,493	-
Recognition of provisions	-	9,490
Changes in operating assets and liabilities		
Financial instruments at fair value through profit or loss	-	67,739
Financial assets at fair value through profit or loss	(75,296)	-
Notes receivable	(7,235)	(133,031)
Accounts receivable	(33,039)	(636,562)
Accounts receivable from related parties	(28,818)	9,572
Other receivables	17,463	(33,415)
Other receivables from related parties	1,878	1,106
Inventories	52,579	119,695
Prepayments	21,025	11,963
Other current assets	684	788
Accounts payable	(517,766)	241,234
Accounts payable from related parties	(105)	6
Other payables	(10,546)	72,316
Other payables from related parties	(1,395)	(13,321)
Other current liabilities	24,712	(960)
Net defined benefit liabilities	(331,925)	(79,783)
Cash (used in) generated from operations	(300,229)	528,586
Interest received	12,920	12,667
Interest paid	(55,000)	(51,506)
Income tax paid	(161,083)	(69,380)
Net cash (used in) generated from operating activities	(503,392)	420,367

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TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017
(In Thousands of New Taiwan Dollars)

	2018	2017
CASH FLOWS FROM INVESTING ACTIVITIES		
Reduction of capital by returning cash of financial assets at fair value through other comprehensive income	$ 1,185	$ -
Purchases of financial assets at amortized cost	(3,146)	-
Proceeds from disposal of available-for-sale financial assets	-	6,737
Decrease in debt investments with no active market	-	9,956
Payments for property, plant and equipment	(159,922)	(162,378)
Proceeds from disposal of property, plant and equipment	44	194
(Increase) decrease in refundable deposits	(425)	356
Payments for intangible assets	(1,767)	-
Dividends received	19,071	23,356
Net cash used in investing activities	(144,960)	(121,779)
CASH FLOWS FROM FINANCING ACTIVITIES		
Increase (decrease) in short-term borrowings	907,525	(237,534)
Decrease in short-term bills payable	(170,000)	(160,000)
Proceeds from long-term borrowings	3,400,000	8,100,000
Repayments of long-term borrowings	(3,400,000)	(8,100,000)
Decrease in other non-current liabilities	(2,276)	(1,178)
Net cash generated from (used in) financing activities	735,249	(398,712)
EFFECTS OF EXCHANGE RATE CHANGES ON THE BALANCE OF CASH AND CASH EQUIVALENTS HELD IN FOREIGN CURRENCIES	10,928	(1,653)
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	97,825	(101,777)
CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE YEAR	504,846	606,623
CASH AND CASH EQUIVALENTS AT THE END OF THE YEAR	$ 602,671	$ 504,846

The accompanying notes are an integral part of the consolidated financial statements. (Concluded)

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

1. GENERAL INFORMATION

Taita Chemical Co., Ltd. (the "Company") was established and began operations in April 1960. The Company designs, develops, and sells chemical products like EPS, ABS and PS plastic resins. Other products include SAN resins, glasswool and cubic printing, all of which are widely used in consumer-oriented and industrial applications. The Company's parent company is USI Corporation, which held indirectly 36.79% of the ordinary shares of the Company as of December 31, 2018 and 2017. USI Corporation has operational control over the Company.

The ordinary shares of the Company has been listed on the Taiwan Stock Exchange since 1986.

The functional currency of the Company is the New Taiwan dollar, and the consolidated financial statements of the Company and its subsidiaries, collectively referred to as the "Group", are presented in the Company's functional currency.

2. APPROVAL OF FINANCIAL STATEMENTS

The consolidated financial statements were approved by the Company's board of directors on March 6, 2019.

3. APPLICATION OF NEW, AMENDED AND REVISED STANDARDS AND INTERPRETATIONS

a. Initial application of the amendments to the Regulations Governing the Preparation of Financial Reports by Securities Issuers and the International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), Interpretations of IFRS (IFRIC) and Interpretations of IAS (SIC) (collectively, the "IFRSs") endorsed and issued into effect by the FSC

Except for the following, whenever applied, the initial application of the amendments to the Regulations Governing the Preparation of Financial Reports by Securities Issuers and the IFRSs endorsed and issued into effect by the FSC would not have any material impact on the Group's accounting policies:

IFRS 9 "Financial Instruments" and related amendments

IFRS 9 supersedes IAS 39 "Financial Instruments: Recognition and Measurement", with consequential amendments to IFRS 7 "Financial Instruments: Disclosures" and other standards. IFRS 9 sets out the requirements for classification, measurement and impairment of financial assets. Refer to Note 4 for information relating to the relevant accounting policies.

The requirements for classification, measurement and impairment of financial assets have been applied retrospectively starting from January 1, 2018. IFRS 9 is not applicable to items that have already been derecognized as of December 31, 2017.

Classification, measurement and impairment of financial assets

On the basis of the facts and circumstances that existed as of January 1, 2018, the Group has performed an assessment of the classification of recognized financial assets and has elected not to restate prior reporting periods. The following table shows the original measurement categories and carrying amount under IAS 39 and the new measurement categories and carrying amount under IFRS 9 for each class of the Group's financial assets and financial liabilities as of January 1, 2018.

	Measurement Category		Carrying Amount		
Financial Assets	**IAS 39**	**IFRS 9**	**IAS 39**	**IFRS 9**	**Remark**
Cash and cash equivalents	Loans and receivables	Amortized cost	$ 504,846	$ 504,846	1)
Derivatives	Held-for-trading	Mandatorily at fair value through profit or loss (i.e. FVTPL)	1,828	1,828	
Beneficiary Securities and Mutual Fund	Held-for-trading	Mandatorily at FVTPL	304,282	304,282	
Equity securities	Available-for-sale (including measure at cost)	Fair value through other comprehensive income (i.e. FVTOCI) - equity instruments	245,627	248,024	2)
	Available-for-sale (including measured at cost)	FVTPL	-	-	2)
Notes receivable, accounts receivable (including related parties) and other receivables (including related parties)	Loans and receivables	Amortized cost	2,972,677	2,972,677	1)
Pledged financial assets	Loans and receivables	Amortized cost	92,292	92,292	3)
Refundable deposits	Loans and receivables	Amortized cost	16,051	16,051	1)

Financial Assets	**IAS 39 Carrying Amount as of January 1, 2018**	**Reclassific-ations**	**Remeasur-ements**	**IFRS 9 Carrying Amount as of January 1, 2018**	**Retained Earnings Effect on January 1, 2018**	**Other Equity Effect on January 1, 2018**	**Remark**
FVTOCI	$ -	$ -	$ -	$ -	$ -	$ -	
Add: Reclassification from available-for-sale (IAS 39)	-	242,944	-	242,944	-	-	2)
Add: Reclassification from measure at cost (IAS 39)	-	2,683	2,397	5,080	2,555	(158)	2)
	-	245,627	2,397	248,024	2,555	(158)	
Amortized cost	-	-	-	-	-	-	
Add: Reclassification from loans and receivables (IAS 39)	-	3,585,866	-	3,585,866	-	-	1) and 3)
	-	3,585,866	-	3,585,866	-	-	
	$ -	$ 3,831,493	$ 2,397	$ 3,833,890	$ 2,555	$ (158)	

1) Cash, cash equivalents, notes receivable, accounts receivable (including related parties), other receivables (including related parties), and refundable deposits that were previously classified as loans and receivables under IAS 39 are classified as at amortized cost with an assessment of expected credit losses under IFRS 9.

2) The Group elected to designate all its investments in equity securities previously classified as available-for-sale under IAS 39 as at FVTOCI under IFRS 9, because these investments are not held for trading. As a result, the related other equity - unrealized gain on available-for-sale financial assets of $200,966 thousand was reclassified to other equity - unrealized gain on financial assets at FVTOCI.

   Investments in unlisted shares previously measured at cost under IAS 39 have been classified at FVTPL and designated as at FVTOCI under IFRS 9 and were remeasured at fair value. Consequently, an increase of $2,397 thousand was recognized in both financial assets at FVTOCI and other equity - unrealized gain on financial assets at FVTOCI on January 1, 2018.

The Group recognized impairment loss on certain investments in equity securities previously classified as measured at cost under IAS 39 and the loss was accumulated in retained earnings. Since those investments were designated as at FVTOCI under IFRS 9 and no impairment assessment is required, an adjustment was made that resulted in a decrease of $2,555 thousand in other equity - unrealized gain (loss) on financial assets at FVTOCI and an increase of $2,555 thousand in retained earnings on January 1, 2018.

3) Pledged financial assets previously classified as debt investments with no active market and measured at amortized cost under IAS 39 are classified as at amortized cost with an assessment of expected credit losses under IFRS 9, because on January 1, 2018, the contractual cash flows were solely payments of principal and interest on the principal outstanding and these investments were held within a business model whose objective is to collect contractual cash flows.

b. Amendments to the Regulations Governing the Preparation of Financial Reports by Securities Issuers and the IFRSs endorsed by the FSC for application starting from 2019

New, Amended and Revised Standards and Interpretations (the "New IFRSs")	Effective Date Announced by IASB (Note 1)
Annual Improvements to IFRSs 2015-2017 Cycle	January 1, 2019
Amendments to IFRS 9 "Prepayment Features with Negative Compensation"	January 1, 2019 (Note 2)
IFRS 16 "Leases"	January 1, 2019
Amendments to IAS 19 "Plan Amendment, Curtailment or Settlement"	January 1, 2019 (Note 3)
Amendments to IAS 28 "Long-term Interests in Associates and Joint Ventures"	January 1, 2019
IFRIC 23 "Uncertainty over Income Tax Treatments"	January 1, 2019

Note 1: Unless stated otherwise, the above New IFRSs are effective for annual periods beginning on or after their respective effective dates.

Note 2: The FSC permits the election for early adoption of the amendments starting from 2018.

Note 3: The Group shall apply these amendments to plan amendments, curtailments or settlements occurring on or after January 1, 2019.

IFRS 16 "Leases"

IFRS 16 sets out the accounting standards for leases that will supersede IAS 17 and a number of related interpretations.

Definition of a lease

Upon initial application of IFRS 16, the Group will elect to apply the guidance of IFRS 16 in determining whether contracts are, or contain, a lease only to contracts entered into (or changed) on or after January 1, 2019. Contracts identified as containing a lease under IAS 17 and IFRIC 4 will not be reassessed and will be accounted for in accordance with the transitional provisions under IFRS 16.

The Group as lessee

Upon initial application of IFRS 16, the Group will recognize right-of-use assets, or investment properties if the right-of-use assets meet the definition of investment properties, and lease liabilities for all leases on the balance sheets except for those whose payments under low-value asset and short-term leases will be recognized as expenses on a straight-line basis. On the statements of comprehensive income, the Group will present the depreciation expense charged on right-of-use assets separately from the interest expense accrued on lease liabilities; interest is computed using the effective interest method. On the statements of cash flows, cash payments for the principal portion of lease liabilities will be classified within financing activities; cash payments for the interest portion will be classified within operating activities. Currently, payments under operating lease contracts are recognized as expenses on a straight-line basis. Prepaid lease payments for land use rights of land located in mainland China are recognized as prepayments for leases. Cash flows for operating leases are classified within operating activities on the statements of cash flows.

The Group anticipates applying IFRS 16 retrospectively with the cumulative effect of the initial application of this standard recognized on January 1, 2019. Comparative information will not be restated.

Lease liabilities will be recognized on January 1, 2019 for leases currently classified as operating leases under IAS 17. Lease liabilities will be measured at the present value of the remaining lease payments, discounted using the lessee's incremental borrowing rate on January 1, 2019. Right-of-use assets will be measured at their carrying amounts as if IFRS 16 had been applied since the commencement date but discounted using the aforementioned incremental borrowing rate. The Group will apply IAS 36 to all right-of-use assets.

The Group expects to apply the following practical expedients:

1) The Group will apply a single discount rate to a portfolio of leases with reasonably similar characteristics to measure lease liabilities.

2) The Group will account for those leases for which the lease term ends on or before December 31, 2019 as short-term leases.

3) The Group will use hindsight, such as in determining lease terms, to measure lease liabilities.

The Group as lessor

The Group will not make any adjustments for leases in which it is a lessor and will account for those leases with the application of IFRS 16 starting from January 1, 2019.

Anticipated impact on assets, liabilities and equity

	Carrying Amount as of December 31, 2018	**Adjustments Arising from Initial Application**	**Adjusted Carrying Amount as of January 1, 2019**
Prepayments	$ 1,220	$ (1,220)	$ -
Long-term prepayments for leases	35,217	(35,217)	-
Right-of-use assets	-	91,870	91,870
Total effect on assets	$ 36,437	$ 55,433	$ 91,870

(Continued)

	Carrying Amount as of December 31, 2018	Adjustments Arising from Initial Application	Adjusted Carrying Amount as of January 1, 2019
Lease liabilities - current	$ -	$ 4,416	$ 4,416
Lease liabilities - non-current	-	51,915	51,915
Total effect on liabilities	$ -	$ 56,331	$ 56,331
Retained earnings	$ 402,112	$ (898)	$ 401,214
Total effect on equity	$ 402,112	$ (898)	$ 401,214

(Concluded)

Except for the above impact, as of the date the consolidated financial statements were authorized for issue, the Group continues assessing other possible impacts that the application of other standards and interpretations will have on the Group's financial position and financial performance and will disclose these other impacts when the assessment is completed.

c. New IFRSs in issue but not yet endorsed and issued into effect by the FSC

New IFRSs	Effective Date Announced by IASB (Note 1)
Amendments to IFRS 3 "Definition of a Business"	January 1, 2020 (Note 2)
Amendments to IFRS 10 and IAS 28 "Sale or Contribution of Assets between An Investor and Its Associate or Joint Venture"	To be determined by IASB
IFRS 17 "Insurance Contracts"	January 1, 2021
Amendments to IAS 1 and IAS 8 "Definition of Material"	January 1, 2020 (Note 3)

Note 1: Unless stated otherwise, the above New IFRSs are effective for annual periods beginning on or after their respective effective dates.

Note 2: The Group shall apply these amendments to business combinations for which the acquisition date is on or after the beginning of the first annual reporting period beginning on or after January 1, 2020 and to asset acquisitions that occur on or after the beginning of that period.

Note 3: The Group shall apply these amendments prospectively for annual reporting periods beginning on or after January 1, 2020.

As of the date the consolidated financial statements were authorized for issue, the Group is continuously assessing the possible impact that the application of other standards and interpretations will have on the Group's consolidated financial position and financial performance and will disclose the relevant impact when the assessment is completed.

4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

a. Statement of compliance

The consolidated financial statements have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and IFRSs as endorsed and issued into effect by the FSC.

b. Basis of preparation

The consolidated financial statements have been prepared on the historical cost basis except for financial instruments that are measured at fair value and net defined benefit liabilities which are measured at the present value of the defined benefit obligation less the fair value of plan assets.

The fair value measurements, which are grouped into Levels 1 to 3 based on the degree to which the fair value measurement inputs are observable and based on the significance of the inputs to the fair value measurement in its entirety, are described as follows:

1) Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities;

2) Level 2 inputs are inputs other than quoted prices included within Level 1 that are observable for an asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices); and

3) Level 3 inputs are unobservable inputs for an asset or liability.

c. Classification of current and non-current assets and liabilities

Current assets include:

1) Assets held primarily for the purpose of trading;

2) Assets expected to be realized within 12 months after the reporting period; and

3) Cash and cash equivalents unless the asset is restricted from being exchanged or used to settle a liability for at least 12 months after the reporting period.

Current liabilities include:

1) Liabilities held primarily for the purpose of trading;

2) Liabilities due to be settled within 12 months after the reporting period; and

3) Liabilities for which the Group does not have an unconditional right to defer settlement for at least 12 months after the reporting period.

Assets and liabilities that are not classified as current are classified as non-current.

d. Basis of consolidation

The consolidated financial statements incorporate any the financial statements of the Company and the entities controlled by the Company (its subsidiaries). When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with those used by the Company. All intra-group transactions, balances, income and expenses are eliminated in full upon consolidation.

See Note 15 and Tables 7 and 8 for detailed information on subsidiaries (including the percentages of ownership and main businesses).

e. Foreign currencies

In preparing the financial statements of the Group, transactions in currencies other than the Group's functional currency (i.e. foreign currencies) are recognized at the rates of exchange prevailing at the dates of the transactions.

At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Exchange differences on monetary items arising from settlement or translation are recognized in profit or loss in the period in which they arise.

Non-monetary items measured at fair value that are denominated in foreign currencies are retranslated at the rates prevailing at the date when the fair value was determined. Exchange differences arising from the retranslation of non-monetary items are included in profit or loss for the period except for exchange differences arising from the retranslation of non-monetary items in respect of which gains and losses are recognized directly in other comprehensive income; in which case, the exchange differences are also recognized directly in other comprehensive income.

Non-monetary items that are measured at historical cost in a foreign currency are translated using the exchange rate at the date of the transaction.

For the purpose of presenting consolidated financial statements, the functional currencies of the Group (including subsidiaries and associates in other countries that use currencies which are different from the currency of the Company) are translated into the presentation currency, the New Taiwan dollar, as follows: Assets and liabilities are translated at the exchange rates prevailing at the end of the reporting period; and income and expense items are translated at the average exchange rates for the period. The resulting currency translation differences are recognized in other comprehensive income.

f. Inventories

Inventories consist of raw materials, production supplies, finished goods, inventory in transit and work in progress and are stated at the lower of cost or net realizable value. Inventory write-downs are made by item, except where it may be appropriate to group similar or related items. The net realizable value is the estimated selling price of inventories less all estimated costs of completion and costs necessary to make the sale. Inventories are recorded at the weighted-average cost on the balance sheet date.

g. Investments in associates

An associate is an entity over which the Group has significant influence and that is neither a subsidiary nor an interest in a joint venture.

The Group uses the equity method to account for its investments in associates.

Under the equity method, investments in an associate are initially recognized at cost and adjusted thereafter to recognize the Group’s share of the profit or loss and other comprehensive income of the associate. The Group also recognizes the changes in the Group’s share of the equity of associates attributable to Group.

When the Company subscribes for additional new shares of an associate at a percentage different from its existing ownership percentage, the resulting carrying amount of the investment differs from the amount of the Group’s proportionate interest in the associate. The Group records such a difference as an adjustment to investments with the corresponding amount charged or credited to capital surplus - changes in capital surplus from investments in associates accounted for using the equity method. If the Group’s ownership interest is reduced due to its additional subscription of the new shares of the associate, the proportionate amount of the gains or losses previously recognized in other comprehensive income in relation to that associate is reclassified to profit or loss on the same basis as would be required if the investee had directly disposed of the related assets or liabilities. When the adjustment should be debited to capital surplus, but the capital surplus recognized from investments accounted for using the equity method is insufficient, the shortage is debited to retained earnings.

When the Group's share of losses of an associate equals or exceeds its interest in that associate (which includes any carrying amount of the investment accounted for using the equity method and long-term interests that, in substance, form part of the Group's net investment in the associate), the Group discontinues recognizing its share of further losses. Additional losses and liabilities are recognized only to the extent that the Group has incurred legal obligations, or constructive obligations, or made payments on behalf of that associate.

The entire carrying amount of an investment is tested for impairment as a single asset by comparing its recoverable amount with its carrying amount. Any impairment loss recognized is not allocated to any asset, including goodwill, that forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognized to the extent that the recoverable amount of the investment subsequently increases.

When a group entity transacts with its associate, profits and losses resulting from the transactions with the associate are recognized in the Group's consolidated financial statements only to the extent that interests in the associate are not related to the Group.

h. Property, plant and equipment

Property, plant and equipment are measured at cost less accumulated depreciation and accumulated impairment loss.

Property, plant and equipment in the course of construction are measured at cost less any recognized impairment loss. Cost includes professional fees and borrowing costs eligible for capitalization. Such assets are depreciated and classified to the appropriate categories of property, plant and equipment when completed and ready for their intended use.

Depreciation of property, plant and equipment is recognized using the straight-line method. Each significant part is depreciated separately. The estimated useful lives, residual values and depreciation methods are reviewed at the end of each reporting period, with the effects of any changes in the estimates accounted for on a prospective basis.

On derecognition of an item of property, plant and equipment, the difference between the sales proceeds and the carrying amount of the asset is recognized in profit or loss.

i. Investment properties

Investment properties are properties held to earn rentals and/or for capital appreciation. Investment properties also include land held for a currently undetermined future use.

Investment properties are initially measured at cost and include transaction costs for land. Subsequent to initial recognition, investment properties are measured at cost less accumulated depreciation and accumulated impairment loss.

On derecognition of an investment property, the difference between the net disposal proceeds and the carrying amount of the asset is included in profit or loss.

j. Intangible assets

Intangible assets with finite useful lives that are acquired separately are initially measured at cost and subsequently measured at cost less accumulated amortization and accumulated impairment loss. Amortization is recognized on a straight-line basis. The estimated useful lives, residual values, and amortization methods are reviewed at the end of each reporting period, with the effects of any changes in the estimates accounted for on a prospective basis. Intangible assets with indefinite useful lives that are acquired separately are measured at cost less accumulated impairment loss.

On derecognition of an intangible asset, the difference between the net disposal proceeds and the carrying amount of the asset is recognized in profit or loss.

k. Impairment of tangible and intangible assets

At the end of each reporting period, the Group reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered any impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss. When it is not possible to estimate the recoverable amount of an individual asset, the Group estimates the recoverable amount of the cash-generating unit to which the asset belongs. Corporate assets are allocated to the smallest group of cash-generating units on a reasonable and consistent basis of allocation.

The recoverable amount is the higher of fair value less costs to sell and value in use. If the recoverable amount of an asset or cash-generating unit is estimated to be less than its carrying amount, the carrying amount of the asset or cash-generating unit is reduced to its recoverable amount, with the resulting impairment loss recognized in profit or loss.

When an impairment loss is subsequently reversed, the carrying amount of the corresponding asset or cash-generating unit is increased to the revised estimate of its recoverable amount, but only to the extent of the carrying amount that would have been determined had no impairment loss been recognized for the asset or cash-generating unit in prior years. A reversal of an impairment loss is recognized in profit or loss.

l. Financial instruments

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

Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issuance of financial assets and financial liabilities (other than financial assets and financial liabilities at FVTPL) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at FVTPL are recognized immediately in profit or loss.

1) Financial assets

All regular way purchases or sales of financial assets are recognized and derecognized on a trade date basis.

a) Measurement categories

<u>2018</u>

Financial assets are classified into the following categories: Financial assets at FVTPL, financial assets at amortized cost and investments in equity instruments at FVTOCI.

i. Financial assets at FVTPL

Financial assets are classified as at FVTPL when such a financial asset is mandatorily classified as at FVTPL. Financial assets mandatorily classified as at FVTPL include investments in equity instruments which are not designated as at FVTOCI and derivatives and mutual fund that do not meet the amortized cost criteria or the FVTOCI criteria.

Financial assets at FVTPL are subsequently measured at fair value, with any gains or losses arising on remeasurement recognized in profit or loss. The net gain or loss recognized in profit or loss incorporate any dividends or interest earned on such a financial asset. Fair value is determined in the manner described in Note 32.

ii. Financial assets at amortized cost

Financial assets that meet the following conditions are subsequently measured at amortized cost:

i) The financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows; and

ii) The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Subsequent to initial recognition, financial assets at amortized cost, including cash and cash equivalents, notes receivable, accounts receivable, other receivables, pledged financial assets and refundable deposits, are measured at amortized cost, which equals the gross carrying amount determined using the effective interest method less any impairment loss. Exchange differences are recognized in profit or loss.

Interest income is calculated by applying the effective interest rate to the gross carrying amount of a financial asset, except for:

i) Purchased or originated credit-impaired financial assets, for which interest income is calculated by applying the credit-adjusted effective interest rate to the amortized cost of such a financial asset; and

ii) Financial assets that are not credit-impaired on purchase or origination but have subsequently become credit-impaired, for which interest income is calculated by applying the effective interest rate to the amortized cost of such financial assets in subsequent reporting periods.

Cash equivalents include time deposits and reverse repurchase agreements collateralized by bonds which are highly liquid, readily convertible to a known amount of cash and are subject to an insignificant risk of changes in value. These cash equivalents are held for the purpose of meeting short-term cash commitments.

iii. Investments in equity instruments at FVTOCI

On initial recognition, the Group may make an irrevocable election to designate investments in equity instruments as at FVTOCI. Designation as at FVTOCI is not permitted if the equity investment is held for trading or if it is contingent consideration recognized by an acquirer in a business combination.

Investments in equity instruments at FVTOCI are subsequently measured at fair value with gains and losses arising from changes in fair value recognized in other comprehensive income and accumulated in other equity. The cumulative gain or loss will not be reclassified to profit or loss on disposal of the equity investments; instead, it will be transferred to retained earnings.

Dividends on these investments in equity instruments are recognized in profit or loss when the Group’s right to receive the dividends is established, unless the dividends clearly represent a recovery of part of the cost of the investment.

2017

Financial assets are classified into the following categories: Financial assets at FVTPL, available-for-sale financial assets and loans and receivables.

i. Financial assets at FVTPL

Financial assets are classified as at FVTPL when such financial assets are held for trading.

Financial assets at FVTPL are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss. The net gain or loss recognized in profit or loss incorporate any dividends or interest earned on such a financial asset. Fair value is determined in the manner described in Note 32.

ii. Available-for-sale financial assets

Available-for-sale financial assets are non-derivatives that are either designated as available-for-sale or are not classified as loans and receivables, or financial assets at FVTPL.

Available-for-sale financial assets are measured at fair value. Changes in the carrying amounts of available-for-sale monetary financial assets (relating to changes in foreign currency exchange rates, interest income calculated using the effective interest method and dividends on available-for-sale equity investments) are recognized in profit or loss. Other changes in the carrying amount of available-for-sale financial assets are recognized in other comprehensive income and will be reclassified to profit or loss when such investments are disposed of or are determined to be impaired.

Dividends on available-for-sale equity instruments are recognized in profit or loss when the Group's right to receive the dividends is established.

Available-for-sale equity investments that do not have a quoted market price in an active market and whose fair value cannot be reliably measured. If, in a subsequent period, the fair value of the financial assets can be reliably measured, the financial assets are remeasured at fair value. The difference between the carrying amount and the fair value of such financial assets is recognized in other comprehensive income. Any impairment losses are recognized in profit and loss.

iii. Loans and receivables

Loans and receivables (including cash and cash equivalents, notes receivable, accounts receivable, debt investment with no active market and other receivables) are measured at amortized cost using the effective interest method, less any impairment, except for short-term receivables when the effect of discounting is immaterial.

Cash equivalents include time deposits and reverse repurchase agreements collateralized by bonds which are highly liquid, readily convertible to a known amount of cash and are subject to an insignificant risk of changes in value. These cash equivalents are held for the purpose of meeting short-term cash commitments.

b) Impairment of financial assets

2018

The Group recognizes a loss allowance for expected credit losses on financial assets at amortized cost (including accounts receivable).

The Group always recognizes lifetime expected credit losses (i.e. ECLs) for accounts receivable. For all other financial instruments, the Group recognizes lifetime ECLs when there has been a significant increase in credit risk since initial recognition. If, on the other hand, the credit risk on a financial instrument has not increased significantly since initial recognition, the Group measures the loss allowance for that financial instrument at an amount equal to 12-month ECLs.

Expected credit losses reflect the weighted average of credit losses with the respective risks of a default occurring as the weights. Lifetime ECLs represent the expected credit losses that will result from all possible default events over the expected life of a financial instrument. In contrast, 12-month ECLs represent the portion of lifetime ECLs that is expected to result from default events on a financial instrument that are possible within 12 months after the reporting date.

The Group recognizes an impairment gain or loss in profit or loss for all financial instruments with a corresponding adjustment to their carrying amount through a loss allowance account, except for investments in debt instruments that are measured at FVTOCI, for which the loss allowance is recognized in other comprehensive income and does not reduce the carrying amount of such a financial asset.

<u>2017</u>

Financial assets, other than those at FVTPL, are assessed for indicators of impairment at the end of each reporting period. Financial assets are considered to be impaired when there is objective evidence, as a result of one or more events that occurred after the initial recognition of such financial assets, that the estimated future cash flows of the investment have been affected.

Financial assets at amortized cost, such as notes receivable, accounts receivable and other receivables, are assessed for impairment on a collective basis even if they were assessed not to be impaired individually. Objective evidence of impairment for a portfolio of receivables could include the Group's past experience with collecting payments, an increase in the number of delayed payments in the portfolio past the average credit period, as well as observable changes in national or local economic conditions that correlate with defaults on receivables.

For a financial assets at amortized cost, the amount of the impairment loss recognized is the difference between such an asset's carrying amount and the present value of its estimated future cash flows, discounted at the financial asset's original effective interest rate.

For a financial asset at amortized cost, if, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognized, the previously recognized impairment loss is reversed through profit or loss to the extent that the carrying amount of the investment (at the date on which the impairment is reversed) does not exceed what the amortized cost would have been had the impairment not been recognized.

For available-for-sale equity investments, a significant or prolonged decline in the fair value of the security below its cost is considered to be objective evidence of impairment.

For all other financial assets, objective evidence of impairment as follow:

i. Significant financial difficulty of the issuer or counterparty;

ii. Breach of contract, such as a default or delinquency in interest or principal payments;

iii. It becoming probable that the borrower will enter bankruptcy or financial re-organization; or

iv. The disappearance of an active market for those financial assets because of financial difficulties.

When an available-for-sale financial asset is considered to be impaired, cumulative gains or losses previously recognized in other comprehensive income are reclassified to profit or loss in the period.

In respect of available-for-sale equity securities, impairment loss previously recognized in profit or loss is not reversed through profit or loss. Any increase in fair value subsequent to impairment is recognized in other comprehensive income.

For a financial asset measured at cost, the amount of the impairment loss is measured as the difference between such an asset's carrying amount and the present value of its estimated future cash flows discounted at the current market rate of return for a similar financial asset. Such impairment loss will not be reversed in subsequent periods.

The carrying amount of a financial asset is reduced by the impairment loss directly for all financial assets, with the exception of notes receivable, accounts receivable and other receivables, where the carrying amount is reduced through the use of an allowance account. When notes receivable, accounts receivable and other receivables are considered uncollectable, they are written off against the allowance account. Subsequent recoveries of amounts previously written off are credited against the allowance account. Changes in the carrying amount of the allowance account are recognized in profit or loss except for uncollectable notes receivable, accounts receivable and other receivables that are written off against the allowance account.

c) Derecognition of financial assets

The Group derecognizes a financial asset only when the contractual rights to the cash flows from the asset expire or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another party.

Before 2017, on derecognition of a financial asset in its entirety, the difference between the asset's carrying amount and the sum of the consideration received and receivable and the cumulative gain or loss which had been recognized in other comprehensive income is recognized in profit or loss. Starting from 2018, on derecognition of a financial asset at amortized cost in its entirety, the difference between the asset's carrying amount and the sum of the consideration received and receivable is recognized in profit or loss. On derecognition of an investment in an equity instrument at FVTOCI, the difference between the asset's carrying amount and the sum of the consideration received and receivable is recognized in profit or loss, and the cumulative gain or loss which had been recognized in other comprehensive income is transferred directly to retained earnings, without recycling through profit or loss.

2) Financial liabilities

a) Subsequent measurement

Except financial liabilities at fair value through profit or loss, all the financial liabilities are measured at amortized cost using the effective interest method.

Financial liabilities at fair value through profit or loss are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss. The net gain or loss recognized in profit or loss does not incorporate any interest or dividends paid on such financial liabilities. Fair value is determined in the manner described in Note 32.

b) Derecognition of financial liabilities

The difference between the carrying amount of a financial liability derecognized and the consideration paid, including any non-cash assets transferred or liabilities assumed, is recognized in profit or loss.

3) Derivative financial instruments

The Group enters into a variety of derivative financial instruments to manage its exposure to foreign exchange rate risks, including foreign exchange forward contracts.

Derivatives are initially recognized at fair value at the date on which the derivative contracts are entered into and are subsequently remeasured to their fair value at the end of each reporting period. The resulting gain or loss is recognized in profit or loss immediately. When the fair value of a derivative financial instrument is positive, the derivative is recognized as a financial asset; when the fair value of a derivative financial instrument is negative, the derivative is recognized as a financial liability.

m. Provisions

Provisions are measured at the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation.

The provision for sales returns and allowances is an estimate, based on previous experience, management judgement, and relevant factors, of the possible amounts needed to settle sales returns and provisions and is treated as a reduction of sales revenues in the period in which the corresponding sales are made.

n. Revenue recognition

<u>2018</u>

The Group identifies contracts with customers, allocates transaction price to performance obligations and recognizes revenue when performance obligations are satisfied.

<u>Revenue from the sale of goods</u>

Revenue from the sale of goods comes from sales of PS, ABS, SAN, glasswool products, plastic raw materials and the related processed products. The sale of goods above is recognized as revenue when goods are delivered to a customer because it is the time when the customer has full discretion over the manner of distribution and the price to sell the goods, has the primary responsibility for sales to future customers and bears the risks of obsolescence. Accounts receivable are recognized concurrently.

<u>2017</u>

Revenue is measured at the fair value of the consideration received or receivable. Revenue is reduced for estimated customer returns, rebates and other similar allowances.

1) Sale of goods

Revenue from the sale of goods is recognized when all the following conditions are satisfied:

a) The Group has transferred to the buyer the significant risks and rewards of ownership of the goods;

b) The Group retains neither continuing managerial involvement to the degree usually associated with ownership nor effective control over the goods sold;

c) The amount of revenue can be measured reliably;

d) It is probable that the economic benefits associated with the transaction will flow to the Group; and

e) The costs incurred or to be incurred in respect of the transaction can be measured reliably.

2) Dividend and interest income

Dividend income from investments is recognized when a shareholder's right to receive payment has been established and provided that it is probable that the economic benefits will flow to the Group and that the amount of income can be measured reliably.

Interest income from a financial asset is recognized when it is probable that the economic benefits will flow to the Group and the amount of income can be measured reliably. Interest income is accrued on a time basis, by reference to the principal outstanding and at the applicable effective interest rate.

o. Leasing

Leases are classified as finance leases whenever the terms of a lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

1) The Group as lessor

Rental income from operating leases is recognized on a straight-line basis over the term of the relevant lease.

2) The Group as lessee

Operating lease payments are recognized as expenses on a straight-line basis over the lease term.

p. Borrowing costs

Borrowing costs directly attributable to an acquisition, construction or production of qualifying assets are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale.

Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs eligible for capitalization.

Other than that which is stated above, all other borrowing costs are recognized in profit or loss in the period in which they are incurred.

q. Employee benefits

1) Short-term employee benefits

Liabilities recognized in respect of short-term employee benefits are measured at the undiscounted amount of the benefits expected to be paid in exchange for the related services.

2) Retirement benefits

Payments to defined contribution retirement benefit plans are recognized as expenses when employees have rendered service entitling them to the contributions.

Defined benefit costs (including service cost, net interest and remeasurement) under defined benefit retirement benefit plans are determined using the projected unit credit method. Service cost (including current service cost) and net interest on the net defined benefit liabilities are recognized as employee benefits expense in the period in which they occur. Remeasurement, comprising actuarial gains and losses, the effect of the changes to the asset ceiling and the return on plan assets (excluding interest), is recognized in other comprehensive income in the period in which it occurs. Remeasurement recognized in other comprehensive income is reflected immediately in retained earnings and will not be reclassified to profit or loss.

Net defined benefit liabilities represent the actual deficit in the Group's defined benefit plans.

r. Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax.

1) Current tax

According to the Income Tax Law, an additional tax at unappropriated earnings is provided for as income tax in the year the shareholders approve to retain earnings.

Adjustments of prior years' tax liabilities are added to or deducted from the current year's tax provision.

2) Deferred tax

Deferred tax is recognized on temporary differences between the carrying amounts of assets and liabilities and the corresponding tax bases used in the computation of taxable profit.

Deferred tax liabilities are generally recognized for all taxable temporary differences. Deferred tax assets are generally recognized for all deductible temporary differences and unused loss carryforwards to the extent that it is probable that taxable profit will be available against which those deductible temporary differences can be utilized.

Deferred tax liabilities are recognized for taxable temporary differences associated with investments in subsidiaries and associates and interests in joint arrangements, except where the Group is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments and interests are only recognized to the extent that it is probable that there will be sufficient taxable profit against which to utilize the benefits of the temporary differences and they are expected to reverse in the foreseeable future.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profit will be available to allow all or part of the assets to be recovered. A previously unrecognized deferred tax asset is also reviewed at the end of each reporting period and recognized to the extent that it has become probable that future taxable profit will allow the deferred tax asset to be recovered.

Deferred tax liabilities and assets are measured at the tax rates that are expected to apply in the period in which the liabilities are settled or the assets are realized, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

3) Current and deferred taxes

Current and deferred taxes are recognized in profit or loss, except when they relate to items that are recognized in other comprehensive income or directly in equity; in which case, the current and deferred tax are also recognized in other comprehensive income or directly in equity, respectively.

5. CRITICAL ACCOUNTING JUDGMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

In the application of the Group's accounting policies, management is required to make judgments, estimations and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered relevant. Actual results may differ from these estimates.

The estimations and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised if the revisions affect only that period or in the period of the revisions and future periods if the revisions affect both current and future periods.

a. Write-down of inventories

The net realizable value of inventories is the estimated selling price in the ordinary course of business less the estimated costs of completion and disposal. The estimation of net realizable value is based on current market conditions and historical experience with product sales of a similar nature. Changes in market conditions may have a material impact on the estimation of the net realizable value.

b. Impairment of tangible and intangible assets

The impairment of tangible and intangible assets is based on the impact of plastic industry and the recoverable amounts of those assets, which is the higher of their fair values less costs of disposal and their values in use. Any changes in the market prices or future cash flows will affect the recoverable amounts of those assets and may lead to recognition of additional impairment losses or reversals of impairment losses.

c. Income taxes

The realizability of deferred tax assets mainly depends on whether sufficient future profit or taxable temporary differences will be available. In cases where the actual future profit generated is less than expected, a material reversal of deferred tax assets may arise, which would be recognized in profit or loss for the period in which such a reversal takes place.

d. Associate's estimated damage compensation for Kaohsiung gas explosions

The associate, China General Terminal & Distribution Corporation ("CGTD"), should recognize a provision for civil damaged compensation caused by the Kaohsiung gas explosion. Management considers the progress of the relevant civil/criminal proceedings and settlements, and estimates the amount of the provision according to legal advice. However, the actual result probably differ from the current estimation.

6. CASH AND CASH EQUIVALENTS

	December 31	
	2018	2017
Cash on hand and petty cash	$ 844	$ 805
Checking accounts and demand deposits	576,827	504,041
Cash equivalents		
Reverse repurchase agreements collateralized by bonds	25,000	-
	$ 602,671	$ 504,846

The market rate or interval of market rates of cash equivalents at the end of the reporting period were as follows:

	December 31	
	2018	2017
Reverse repurchase agreements collateralized by bonds	0.53%	-

7. FINANCIAL INSTRUMENTS AT FAIR VALUE THROUGH PROFIT OR LOSS - CURRENT

	December 31	
	2018	2017
Financial assets held for trading		
Derivative financial assets (not under hedge accounting)		
Foreign exchange forward contracts (a)	$ -	$ 1,828
Non-derivative financial assets		
Beneficiary securities	-	231,282
Mutual funds	-	73,000
	-	304,282
Financial assets mandatorily classified as at FVTPL		
Derivative financial assets (not under hedge accounting)		
Foreign exchange forward contracts (a)	390	-
Non-derivative financial assets		
Beneficiary securities	253,829	-
Mutual funds	150,000	-
Domestic unlisted shares	-	-
	403,829	-
	$ 404,219	$ 306,110
Financial liabilities held for trading		
Derivative financial liabilities (not under hedge accounting)		
Foreign exchange forward contracts	$ -	$ 624

a. At the end of the reporting period, outstanding foreign exchange forward contracts not under hedge accounting were as follows:

	Currency	Maturity Date	Notional Amount (In Thousands)
December 31, 2018			
Sell	USD/NTD	2019.01.15-2019.03.14	USD6,000/NTD184,171
December 31, 2017			
Sell	USD/NTD	2018.01.03-2018-04.03	USD19,000/NTD566,338

The Group entered into foreign exchange forward contracts to manage exposures to exchange rate fluctuations of foreign currency denominated assets and liabilities. As these contracts did not meet the criteria of hedge accounting, and therefore, the Group did not apply hedge accounting treatments for these derivative contracts.

b. As of December 31, 2018, the Group evaluated the fair value of Sohoware Inc.'s preference shares and Teratech Corporation's ordinary shares to be zero. These investments in equity instruments that were previously classified as financial assets were measured at cost under IAS 39. The fluctuations in these investments' fair value were recognized in profit or loss by management and were designated as at FVTPL under IFRS 9 and were remeasured at fair value. Refer to Notes 3 and 11 for information relating to their reclassification and comparative information for 2017.

c. The net gain and loss arising from financial assets at FVTPL for the years ended December 31, 2018 and 2017 was $41,367 thousand and $11,942 thousand, respectively. The net loss arising from financial liabilities at FVTPL for the years ended December 31, 2018 and 2017 was $8,442 thousand and $1,505 thousand, respectively.

8. FINANCIAL ASSETS AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME - NON-CURRENT - 2018

	December 31, 2018
Investments in equity instruments at FVTOCI	
Domestic investments	
Listed shares	
Ordinary shares - USI Corporation	$ 179,808
Unlisted shares	
Ordinary shares - Harbinger Venture Capital Corp. ("Harbinger") (a)	473
	180,281
Foreign investments	
Unlisted shares	
Ordinary shares - Budworth Investment Ltd.	2,555
	$ 182,836

a. The investee, Harbinger, announced a reduction of capital by returning cash in April 2018. The Company received $1,185 thousand according to its ownership percentage.

b. These investments in equity instruments are held for medium to long-term strategic purposes. Accordingly, the management elected to designate these investments in equity instruments as at FVTOCI as they believe that recognizing short-term fluctuations in these investments' fair value in profit or loss would not be consistent with the Group's strategy of holding these investments for long-term purposes. These investments in equity instruments were classified as available-for-sale under IAS 39. Refer to Notes 3, 10 and 11 for information relating to their reclassification and comparative information for 2017.

9. FINANCIAL ASSETS AT AMORTIZED COST - CURRENT - 2018

	December 31, 2018
Pledged deposits (a)	$ 91,636
Pledged time deposits (b)	3,000
	$ 94,636

a. As of December 31, 2018, the market interest rate of pledged deposits was 0.35% per annum.

b. As of December 31, 2018, the range of market interest rates on the pledged time deposits was 0.62%-0.94% per annum.

c. The pledged time deposits were classified as debt investments with no active market under IAS 39. Refer to Notes 3 and 12 for information relating to their reclassification and comparative information for 2017.

d. Refer to Note 34 for information related to the pledged financial assets at amortized cost.

10. AVAILABLE-FOR-SALE FINANCIAL ASSETS - NON-CURRENT - 2017

	December 31, 2017
Domestic investments	
Listed shares	
USI Corporation	$ 242,944
Wafer Works Corporation ("Wafer")	-
	$ 242,944

The Group sold 243 thousand shares of Wafer in 2017, and the gain on the disposal of investments was $3,311 thousand.

11. FINANCIAL ASSETS MEASURED AT COST - NON-CURRENT - 2017

	December 31, 2017
Domestic unlisted ordinary shares	
Harbinger Venture Capital Corp.	$ 1,700
Overseas unlisted ordinary shares	
Budworth Investment Ltd.	983
Teratech Corporation ("Teratech")	-
Overseas unlisted preference shares	
Sohoware Inc. ("Sohoware")	-
	$ 2,683
Classified according to financial asset measurement categories	
Available-for-sale financial assets	$ 2,683

Management believes that the above unlisted equity investments held by the Group had fair values that cannot be reliably measured because the range of reasonable fair value estimates was so significant. Therefore, they were measured at cost less impairment at the end of the reporting period.

The Group recognized a $3,035 thousand impairment loss on Teratech after evaluating its financial position, which caused the carrying amount of the investment to be zero as of December 31, 2017.

The Group recognized impairment losses on Sohoware over the years, which caused the carrying amount of the investment to be zero as of December 31, 2017.

12. DEBT INVESTMENTS WITH NO ACTIVE MARKET - CURRENT - 2017

	December 31, 2017
Pledged deposits (a)	$ 89,292
Pledged time deposits (b)	3,000
	$ 92,292

a. As of December 31, 2017, the market interest rate of pledged deposits was 0.35% per annum.

b. As of December 31, 2017, the range of market interest rates on the pledged time deposits was 0.62%-0.94% per annum.

c. Refer to Note 34 for information related to the pledged debt investments with no active market.

13. NOTES RECEIVABLE, ACCOUNTS RECEIVABLE AND OTHER RECEIVABLES

	December 31	
	2018	2017
Notes receivable (a)		
Notes receivable - operating	$ 674,101	$ 680,817
Accounts receivable (a)		
Amortized cost		
Gross carrying amount	$ 2,303,657	$ 2,298,428
Less: Allowance for impairment loss	(70,765)	(71,656)
	$ 2,232,892	$ 2,226,772
Accounts receivable from related parties (a) (Note 33)	$ 32,876	$ 4,058
Other receivables (c)		
VAT refund receivables	$ 100,257	$ 61,945
Compensation receivables (b)	-	54,654
Others	99	573
	$ 100,356	$ 117,172
Other receivables from related parties (Note 33)	$ 3,918	$ 5,803

a. Notes receivable and accounts receivable

In 2018

In the average credit period of sales of goods is between 30 and 90 days. No interest is charged on receivables. In order to minimize credit risk, the management of the Group has delegated a team responsible for determining credit limits, credit approvals and other monitoring procedures to ensure that follow-up action is taken to recover overdue debts. For part of the accounts receivable, the Group entered into a credit insurance contract or obtaining sufficient collateral, where appropriate, as a means of mitigating the risk of financial loss from defaults. In addition, the Group reviews the recoverable amount of each individual trade debt at the end of the reporting period to ensure that adequate allowance is made for possible irrecoverable amounts. Before accepting new customers, the Group takes client evaluation results generated by the internal system into consideration to measure the potential customer's credit quality and define the customer's credit limit. Customer credit limits and ratings are reviewed periodically. In this regard, the management believes the Group's credit risk was significantly reduced.

The Group applies the simplified approach to providing for expected credit losses prescribed by IFRS 9, which permits the use of lifetime expected loss provision for all accounts receivable. The expected credit losses on accounts receivable are estimated using a provision matrix by reference to past default experience of the debtor and an analysis of the debtor's current financial position, adjusted for general economic conditions of the industry in which the debtors operate and an assessment of both the current as well as the forecast direction of economic conditions at the reporting date.

The Group writes off a trade receivable when there is information indicating that the debtor is in severe financial difficulty and there is no realistic prospect of recovery. For accounts receivable that have been written off, the Group continues to engage in enforcement activity to attempt to recover the receivables due. Where recoveries are made, these are recognized in profit or loss.

The following table details the loss allowance of accounts receivable based on the Group's provision matrix.

December 31, 2018

	Credit Rating A	Credit Rating B	Credit Rating C	Others	Total
Gross carrying amount	$ -	$ 519,892	$ 700,432	$ 1,790,310	$ 3,010,634
Loss allowance (Lifetime ECL)	-	-	(12,879)	(57,886)	(70,765)
Amortized cost	$ -	$ 519,892	$ 687,553	$ 1,732,424	$ 2,939,869

The movements of the loss allowance of accounts receivable were as follows:

	2018
Balance at January 1, 2018 per IAS 39	$ 71,656
Adjustment on initial application of IFRS 9	-
Balance at January 1, 2018 per IFRS 9	71,656
Add: Net remeasurement of loss allowance	1,434
Less: Amounts written off	(1,923)
Foreign exchange gains and losses	(402)
Balance at December 31, 2018	$ 70,765

The aging of receivables (including related parties) was as follows:

	December 31, 2018
Not past due	$ 2,895,700
Past due within 60 days	56,493
Past due over 60 days	58,441
	$ 3,010,634

The above aging schedule was based on the number of days past due from the end of the credit term.

In 2017

The Group applied the same credit policy in 2018 and 2017. In determining the recoverability of a receivable, the Group considers any change in the credit quality of the receivable since the date credit was initially granted to the end of the reporting period. The amounts that were overdue more than 60 days might not be recoverable based on historical experience, so the Group evaluates its allowance for doubtful amounts according to its past default experience with the counterparties and based on an analysis of their current financial positions. For part of the accounts receivable, the Group entered into a credit insurance contract to enhance its guarantee. Therefore, the Group considered the recoverable amount of the insurance contract when determining the amount of allowance for impairment loss.

Before accepting new customers, the Group takes client evaluation results generated by the internal system into consideration to measure the potential customer's credit quality and define the customer's credit limit. Customer credit limits and ratings are reviewed periodically. Thus, the accounts receivable that have not been overdue and impaired are mainly from customers who have long-term relationships and good credit records with the Group.

The aging of receivables (including related parties) was as follows:

	December 31, 2017
Not past due	$ 2,839,610
Past due within 60 days	83,557
Past due over 60 days	60,136
	$ 2,983,303

The above aging schedule was based on the number of days past due from the end of the credit term.

The aging of receivables that were past due but not impaired was as follows:

	December 31, 2017
Past due within 60 days	$ 83,557
Past due over 60 days	6,846
	$ 90,403

The above aging schedule was based on the number of days past due from the end of the credit term.

For the accounts receivable that were past due at the end of the reporting period, the Group did not recognize an allowance for impairment loss because there was no significant change in the credit quality of those receivables and the amounts were considered recoverable.

Movements in the allowance for impairment loss recognized on accounts receivable were as follows:

	Individually Assessed for Impairment	Collectively Assessed for Impairment	Total
Balance at January 1, 2017	$ 54,551	$ 10,431	$ 64,982
Add: Impairment losses recognized on receivables	230	7,883	8,113
Less: Amounts written off during the year as uncollectible	(1,494)	-	(1,494)
Foreign exchange translation gains and losses	3	52	55
Balance at December 31, 2017	$ 53,290	$ 18,366	$ 71,656

The carrying amount of impairment losses on the receivables individually assessed for impairment mainly stem from difficulties with fund dispatching of customers and from receivables which were past due over a long time. The Group did not hold any collateral for these receivables.

As of December 31, 2018 and 2017, no single customer's receivables exceeded 10% of the total amount of all receivables.

The concentration of credit risk is limited because the Group's customer base is vast and unrelated to each other.

b. The subsidiary Taita Chemical (Tianjin) Co., Ltd. was involved in a fire in August 2015. The Group conducted an investigation and loss estimation after the local public security bureau lifted the accident site blockade. In December 2016, the Group received a prepaid compensation of RMB3,000 thousand (around $13,947 thousand) from the insurance company. According to the final acceptance arrangement signed by Taita Chemical (Tianjin) Co., Ltd. and the insurance company, the final compensation was RMB15,000 thousand, including a prepaid compensation of RMB3,000 thousand, which was around $68,319 thousand. Thus, Taita Chemical (Tianjin) Co., Ltd. recognized the difference of estimated compensation and actual claims and adjusted the amount to recognize the related insurance compensation of $29,872 thousand in 2017. The related insurance compensation was received in January 2018.

c. Other receivables

As of December 31, 2018, the Group assessed the impairment loss of other receivables using expected credit losses. There were no other receivables which were past due and for which there was an unrecognized allowance for the respective doubtful accounts as of December 31, 2017.

14. INVENTORIES

	December 31	
	2018	**2017**
Finished goods	$ 523,924	$ 600,588
Work in progress	92,470	124,099
Raw materials	394,219	496,349
Production supplies	42,639	48,822
Inventory in transit	106,272	-
	$ 1,159,524	$ 1,263,858

The cost of inventories recognized as cost of goods sold for the years ended December 31, 2018 and 2017, was $20,639,959 thousand and $18,387,338 thousand, respectively.

The cost of goods sold included inventory write-downs for the year ended December 31, 2018 and 2017, were $35,632 thousand and $5,400 thousand, respectively.

15. SUBSIDIARIES

Subsidiaries Included in the Consolidated Financial Statements

			Proportion of Ownership December 31		
Investor	**Investee**	**Nature of Activities**	**2018**	**2017**	**Remark**
The Company	Taita (BVI) Holding Co., Ltd. ("TTC (BVI)")	Reinvestment	100%	100%	a
TTC (BVI)	Taita Chemical (Zhongshan) Co., Ltd. ("TTC (ZS)")	Production and marketing of polystyrene derivatives	100%	100%	b
	Taita Chemical (Tianjin) Co., Ltd. ("TTC (TJ)")	Production and marketing of polystyrene derivatives	100%	100%	c

Remark:

a. As of December 31, 2018, the capital of TTC (BVI) was US$61,738 thousand.

b. As of December 31, 2018, the amount invested in TTC (ZS) was US$43,000 thousand. TTC (ZS) distributed share dividends of US$3,250 thousand from retained earnings in 2007. As of December 31, 2018, the capital of TTC (ZS) was US$46,250 thousand.

c. As of December 31, 2018, the amount invested in TTC (TJ) was US$26,000 thousand. TTC (TJ) distributed share dividends of US$1,350 thousand from retained earnings in 2012. As of December 31, 2018, the capital of TTC (TJ) was US$27,350 thousand.

Subsidiaries accounted for using the equity method and the share of profit or loss and other comprehensive income of those investments for the years ended December 31, 2018 and 2017 were based on the subsidiaries' financial statements which have been audited for the years then ended.

16. INVESTMENTS ACCOUNTED FOR USING THE EQUITY METHOD

	December 31	
	2018	**2017**
Investments in associates that are not individually material		
Listed shares		
China General Plastics Corporation ("CGPC")	$ 165,982	$ 154,719
Acme Electronics Corp. ("ACME")	34,003	33,212
Unlisted shares		
China General Terminal & Distribution Co. ("CGTD")	228,250	272,509
Acme Electronics (Cayman) Corp. ("ACME (Cayman)")	69,303	61,788
Thintec Materials Corporation ("TMC")	1,452	2,504
	$ 498,990	$ 524,732

Aggregate information of associates that are not individually material as follows:

	For the Year Ended December 31	
	2018	**2017**
The Group's share of:		
Profit from continuing operations	$ 9,250	$ 37,599
Other comprehensive (loss) income	(20,380)	11,324
Total comprehensive (loss)income for the year	$ (11,130)	$ 48,923

The proportion of the Group's ownership and voting rights of the associates were as follows:

	December 31	
Name of Associate	**2018**	**2017**
CGPC	1.98%	1.98%
ACME	2.44%	2.44%
CGTC	33.33%	33.33%
ACME (Cayman)	5.39%	5.39%
TMC	10.00%	10.00%

Refer to Table 7 “Information on Investees” for the nature of activities, principal places of business and countries of incorporation of the associates.

The Group with its affiliates jointly held more than 20% of the shareholdings of CGPC, ACME, ACME (Cayman) and TMC and had significant influence over each entity. Therefore, the Group adopted the equity method to evaluate the above investments.

Fair values (Level 1) of investments in associates with available published price quotations are summarized as follows:

	December 31	
Name of Associate	**2018**	**2017**
CGPC	$ 220,963	$ 315,940
ACME	$ 59,119	$ 81,788

The investments were accounted for using the equity method and the share of profit or loss and other comprehensive income of those investments for the years ended December 31, 2018 and 2017 were based on the associates’ financial statements which have been audited for the same years.

17. PROPERTY, PLANT AND EQUIPMENT

	Freehold Land	Buildings	Machinery and Equipment	Transportation Equipment	Other Equipment	Construction in Progress and Prepayments for Equipment	Total
Cost							
Balance at January 1, 2017	$ 634,432	$ 1,325,797	$ 4,580,090	$ 46,708	$ 367,311	$ 177,601	$ 7,131,939
Additions	-	-	3,013	-	2,587	161,687	167,287
Disposals	-	-	(16,895)	(2,662)	(1,468)	-	(21,025)
Internal transfers	-	6,473	136,098	-	3,110	(145,681)	-
Effects of foreign currency exchange differences	-	(9,607)	(21,340)	(372)	(1,201)	(854)	(33,374)
Balance at December 31, 2017	$ 634,432	$ 1,322,663	$ 4,680,966	$ 43,674	$ 370,339	$ 192,753	$ 7,244,827
Accumulated depreciation and impairment							
Balance at January 1, 2017	$ -	$ 795,444	$ 3,530,734	$ 40,230	$ 321,326	$ -	$ 4,687,734
Disposals	-	-	(15,701)	(2,662)	(1,312)	-	(19,675)
Depreciation expenses	-	45,101	120,355	2,211	13,177	-	180,844
Effects of foreign currency exchange differences	-	(4,849)	(16,761)	(261)	(961)	-	(22,832)
Balance at December 31, 2017	$ -	$ 835,696	$ 3,618,627	$ 39,518	$ 332,230	$ -	$ 4,826,071
Carrying amounts at December 31, 2017	$ 634,432	$ 486,967	$ 1,062,339	$ 4,156	$ 38,109	$ 192,753	$ 2,418,756
Cost							
Balance at January 1, 2018	$ 634,432	$ 1,322,663	$ 4,680,966	$ 43,674	$ 370,339	$ 129,753	$ 7,244,827
Additions	-	-	6,995	644	1,533	149,173	158,345
Disposals	-	(626)	(157,403)	(4,422)	(12,992)	-	(175,443)
Internal transfers	-	2,261	219,842	8,173	5,262	(235,538)	-
Effects of foreign currency exchange differences	-	(8,051)	(18,003)	(312)	(1,110)	(1,241)	(28,717)
Balance at December 31, 2018	$ 634,432	$ 1,316,247	$ 4,732,397	$ 47,757	$ 363,032	$ 105,147	$ 7,199,012
Accumulated depreciation and impairment							
Balance at January 1, 2018	$ -	$ 835,696	$ 3,618,627	$ 39,518	$ 332,230	$ -	$ 4,826,071
Disposals	-	(626)	(156,601)	(4,202)	(12,917)	-	(174,345)
Depreciation expenses	-	44,468	135,901	2,201	12,034	-	194,604
Effects of foreign currency exchange differences	-	(5,025)	(14,828)	(194)	(924)	-	(20,971)
Balance at December 31, 2018	$ -	$ 874,514	$ 3,583,099	$ 37,323	$ 330,423	$ -	$ 4,825,359
Carrying amounts at December 31, 2018	$ 634,432	$ 441,733	$ 1,149,298	$ 10,434	$ 32,609	$ 105,147	$ 2,373,653

The above items of property, plant and equipment are depreciated on a straight-line basis over their estimated useful lives as follows:

Buildings	
Factories	20, 30, 35, 40 and 55 years
Offices and laboratories	26 to 35 years
Storage rooms	20 to 25 years
Storage tank rooms	8 to 20 years
Others	2 to 9 years
Machinery and equipment	
Environmental protection equipment	15 to 20 years
Monitoring equipment	11 to 15 years
Storage tank and pipeline systems	10 to 15 years
Production and packaging equipment	8 to 15 years
Power systems	7 to 15 years
Others	2 to 8 years
Transportation equipment	5 to 15 years
Other equipment	2 to 15 years

Property, plant and equipment pledged as collateral for bank borrowing are set out in Notes 21 and 34.

18. INVESTMENT PROPERTIES

	December 31	
	2018	**2017**
Land	$ 108,178	$ 108,178

Management was unable to reliably measure the fair value of investment properties located in Qianzhen District, Xingbang Section and Linyuan Industrial Park, because the fair value for comparable properties is inactive and alternative reliable measurements of fair value are not available. Therefore, the Group concluded that the fair value of the investment properties is not reliably measurable.

The property located in Qianzhan District has been leased to CGTD. The rental was $1,628 thousand per month, which is based on the actual usable area. Refer to Notes 28 and 33.

Part of above investment properties pledged as collateral for bank borrowing are set out in Notes 21 and 34.

19. INTANGIBLE ASSETS

	December 31	
	2018	**2017**
Carrying amount by function		
Information systems	$ 1,266	$ 1,066
Design expenses for factories	8,402	10,002
	$ 9,668	$ 11,068

Intangible assets are amortized on a straight-line over their estimated useful lives as follows:

Information systems	3 to 5 years
Design expenses for factories	10 years

20. PREPAYMENTS FOR LEASES

	December 31	
	2018	2017
Current assets (included in prepayments)	$ 1,220	$ 1,242
Non-current assets	$ 35,217	$ 37,082

The carrying amount of prepared lease payments include land use rights located in mainland China.

Part of the land use rights pledged as collateral for borrowings are set out in Notes 21 and 34.

21. BORROWINGS

a. Short-term borrowings

	December 31	
	2018	2017
Secured borrowings		
Bank loans (1)	$ 153,239	$ 230,781
Unsecured borrowings		
Line of credit borrowings (2)	1,851,561	840,787
	$ 2,004,800	$ 1,071,568

1) The range of interest rates on bank loans was 4.45% and 2.91%-4.79% per annum as of December 31, 2018 and 2017, respectively.

2) The range of interest rates on line of credit borrowings was 0.90%-3.65% and 0.85%-2.55% per annum as of December 31, 2018 and 2017, respectively.

TTC (ZS) entered into a short-term financing contract with Bank of China Limited to increase working capital. The credit limit was RMB130,000 thousand and matured on May 31, 2017. The contract was extended to April 30, 2019 and the credit limit was adjusted to RMB100,000 thousand. Refer to property, plant and equipment and land use rights pledged as collateral in Notes 17, 20 and 34. As of December 31, 2018, TTC (ZS) has not borrowed from the bank.

b. Short-term bills payable

	December 31	
	2018	2017
Commercial paper	$ 20,000	$ 190,000
Less: Unamortized discount on bills payable	-	(77)
	$ 20,000	$ 189,923

Outstanding short-term bills payables were as follows:

December 31, 2018

Promissory Institution	Nominal Amount	Discount Amount	Carrying Amount	Interest Rate
Commercial paper				
Taiwan Finance Corporation	$ 20,000	$ -	$ 20,000	0.70%

December 31, 2017

Promissory Institution	Nominal Amount	Discount Amount	Carrying Amount	Interest Rate
Commercial paper				
International Bills Finance Corporation	$ 100,000	$ 36	$ 99,964	0.66%
Taiwan Finance Corporation	90,000	41	89,959	0.70%
	$ 190,000	$ 77	$ 189,923	

c. Long-term borrowings

	December 31	
	2018	2017
Secured borrowings	$ 900,000	$ 900,000
Unsecured borrowings	100,000	100,000
	$ 1,000,000	$ 1,000,000

The range of weighted average effective interest rates on long-term borrowings were as following:

	December 31	
	2018	2017
Secured borrowings	1.10%-1.15%	1.10%
Unsecured borrowings	1.15%	1.20%

The Group entered into a long-term financing contract in November 2012 with Chang Hwa Commercial Bank for 5 years to increase working capital. The contract was extended to July 2018 in 2015 and was further extended to June 2021 in 2017 with a credit limit of $1,000,000 thousand, which is used cyclically during the validity period. The Group provided property located in Qianzhen District pledged as collateral (refer to Notes 17, 18 and 34). As of December 31, 2018, the Group has borrowed $900,000 thousand.

The Group entered into a long-term financing contract in October 2013 with O-Bank, formerly Taiwan Industrial Bank, for 3 years. The contract was extended to October 2018 in 2015 and was further extended to October 2020 in 2017 with a credit limit of $300,000 thousand, which is used cyclically during the validity period. As of December 31, 2018, the Group has borrowed $100,000 thousand.

The Group entered into a 3-year long-term financing contract in September 2016 with KGI Bank. The contract was extended to September 2019 in 2017 with a credit limit of $300,000 thousand, which is used cyclically during the validity period. As of December 31, 2018, the Group has not borrowed.

22. ACCOUNTS PAYABLE

	December 31	
	2018	2017
Accounts payable (including related parties)		
Operating (Note 33)	$ 922,808	$ 1,443,736

The average payment period for the Group's accounts payable is between 30 and 45 days. The Group has financial risk management policies in place to ensure that all payables are paid within the pre-agreed credit terms.

23. OTHER PAYABLES

	December 31	
	2018	2017
Payables for salaries and bonuses	$ 122,172	$ 143,070
Payables for transportation fees	54,309	54,116
Payables for taxes	31,781	21,128
Payables for utilities	28,776	32,356
Payables for purchases of equipment	19,704	21,303
Payables for professional service expenses	9,463	7,450
Payables for insurance	8,885	9,593
Others	39,670	38,751
	$ 314,760	$ 327,767

24. PROVISIONS - CURRENT

	December 31	
	2018	2017
Customer returns and rebates	$ -	$ 1,179

Customer returns and rebates are as follows:

	For the Year Ended December 31, 2017
Balance at January 1	$ 1,102
Additional provisions recognized	9,490
Usage	(9,413)
Balance at December 31	$ 1,179

The provision for customer returns and rebates is based on historical experience, management's judgments and other known reasons for which estimated product returns and rebates may occur for the year ended December 31, 2017. The provision is recognized as a reduction of operating income in the periods in which the related goods are sold.

Starting from January 1, 2018, the Company recognized estimated sales returns and rebates as refund liabilities, which accounted to $806 thousand under IFRS 15.

Refund liability are as follows:

	For the Year Ended December 31, 2018
Balance at January 1	$ 1,179
Additional refund liabilities recognized	10,493
Usage	(10,866)
Balance at December 31	$ 806

25. RETIREMENT BENEFIT PLANS

a. Defined contribution plans

The Company adopted a pension plan under the Labor Pension Act (the "LPA"), which is a state-managed defined contribution plan. Under the LPA, an entity makes monthly contributions to employees' individual pension accounts at 6% of monthly salaries and wages.

The employees of the Group's subsidiaries, TTC (ZS) and TTC (TJ), in mainland China are members of a state-managed retirement benefit plans operated by the government of mainland China. The subsidiaries are required to contribute a specified percentage of payroll costs to the retirement benefit schemes to fund the benefits. The only obligation of the Group with respect to the retirement benefit plans is to make the specified contributions.

b. Defined benefit plans

The defined benefit plans adopted by the Company in accordance with the Labor Standards Law is operated by the government of the ROC. Pension benefits are calculated on the basis of the length of service and average monthly salaries over the 6 months before retirement. Since November 1986, the Company contributed a specific rate (currently 12%) of total monthly salaries and wages to a pension fund administered by the pension fund monitoring committee. Pension contributions are deposited in the Bank of Taiwan in the committee's name. The pension fund is managed by the Bureau of Labor Funds, Ministry of Labor ("the Bureau"); the Company has no right to influence the investment policy and strategy.

The amounts included in the consolidated balance sheets in respect of the Group's defined benefit plans were as follows:

	December 31	
	2018	2017
Present value of defined benefit obligation	$ 686,667	$ 722,583
Fair value of plan assets	(424,441)	(118,236)
Net defined benefit liabilities	$ 262,226	$ 604,347

Movements in net defined benefit liabilities (assets) were as follows:

	Present Value of the Defined Benefit Obligation	Fair Value of the Plan Assets	Net Defined Benefit Liabilities (Assets)
Balance at January 1, 2017	$ 764,835	$ (97,541)	$ 667,294
Service cost			
Current service cost	7,188	-	7,188
Net interest expense (income)	7,399	(791)	6,608
Recognized in profit or loss	14,587	(791)	13,796
Remeasurement			
Return on plan assets (excluding amounts included in net interest)	-	(224)	(224)
Actuarial loss			
Changes in demographic assumptions	478	-	478
Experience adjustments	16,582	-	16,582
Recognized in other comprehensive income	17,060	(224)	16,836
Contributions from the employer	-	(93,579)	(93,579)
Benefits paid	(73,899)	73,899	-
Balance at December 31, 2017	$ 722,583	$ (118,236)	$ 604,347
Balance at January 1, 2018	$ 722,583	$ (118,236)	$ 604,347
Service cost			
Current service cost	6,369	-	6,369
Net interest expense (income)	7,103	(1,191)	5,912
Recognized in profit or loss	13,472	(1,191)	12,281
Remeasurement			
Return on plan assets (excluding amounts included in net interest)	-	(4,388)	(4,388)
Actuarial (gain) loss			
Changes in demographic assumptions	282	-	282
Changes in financial assumptions	6,398	-	6,398
Experience adjustments	(12,488)	-	(12,488)
Recognized in other comprehensive income	(5,808)	(4,388)	(10,196)
Contributions from the employer	-	(342,035)	(342,035)
Benefits paid	(43,580)	41,409	(2,171)
Balance at December 31, 2018	$ 686,667	$ (424,441)	$ 262,226

An analysis by function of the amounts recognized in profit or loss in respect of the defined benefit plans is as follows:

	For the Year Ended December 31	
	2018	2017
Operating costs	$ 9,768	$ 10,937
Selling and marketing expenses	1,293	1,419
General and administrative expenses	819	1,012
Research and development expenses	401	428
	$ 12,281	$ 13,796

Through the defined benefit plans under the Labor Standards Law, the Group is exposed to the following risks:

1) Investment risk: The plan assets are invested in domestic or foreign equity and debt securities, bank deposits, etc. The investment is conducted at the discretion of the Bureau or under the mandated management. However, in accordance with relevant regulations, the return generated by plan assets should not be below the interest rate of a 2-year time deposit with local banks.

2) Interest risk: A decrease in government bond interest rates will increase the present value of the defined benefit obligation, however, this will be partially offset by an increase in the return on the plans' debt investments.

3) Salary risk: The present value of the defined benefit obligation is calculated with reference to the future salaries of plan participants. As such, an increase in the salaries of the plan participants will increase the present value of the defined benefit obligation.

The actuarial valuations of the present value of the defined benefit obligation were carried out by qualified actuaries. The significant assumptions used for the purposes of the actuarial valuations were as follows:

	December 31	
	2018	**2017**
Discount rate	0.875%	1.000%
Expected rate of salary increase	2.250%	2.250%

If possible reasonable changes in each of the significant actuarial assumptions were to occur and all other assumptions were to remain constant, the present value of the defined benefit obligation would increase (decrease) as follows:

	December 31	
	2018	**2017**
Discount rate		
0.25% increase	$ (12,702)	$ (14,084)
0.25% decrease	$ 13,091	$ 14,526
Expected rate of salary increase		
0.25% increase	$ 12,686	$ 14,093
0.25% decrease	$ (12,374)	$ (13,737)

The sensitivity analysis presented above may not be representative of the actual changes in the present value of the defined benefit obligation as it is unlikely changes in the assumptions would occur in isolation of one another as some of the assumptions may be correlated.

The Company expects to make contributions of $26,000 thousand and $342,121 thousand to the defined benefit plans in the next year starting from December 31, 2018 and 2017, respectively. The weighted average duration of the defined benefit obligation are 7.6 and 8.1 years, respectively.

26. EQUITY

a. Share capital

	December 31	
	2018	2017
Number of shares authorized and issued (in thousands)	327,652	327,652
Shares issued and fully paid	$ 3,276,518	$ 3,276,518

The ordinary shares issued have a denomination of $10 per share. Each share carries the rights to vote and receive dividends.

b. Capital surplus

Capital surplus arising from the issuance of ordinary shares (including share premiums) and donated capital may be used to offset a deficit, in addition, when the Company has no deficit, such capital surplus may be distributed as cash dividends or transferred to share capital (limited to a certain percentage of the Company's capital surplus and once a year).

Capital surplus arising from unpaid dividends due to overdue may be used to offset a deficit only. Capital surplus arising from investments in subsidiaries and associates accounted for using the equity method may not be used for any purpose.

c. Retained earnings and dividends policy

Under the dividends policy as set forth in the amended Articles, where the Company made profit in a fiscal year, the profit shall be first utilized for paying taxes, offsetting losses of previous years, setting aside as a legal reserve 10% of the remaining profit, setting aside or reversing a special reserve in accordance with the laws and regulations, and then any remaining profit together with any undistributed retained earnings shall be used by the Company's board of directors as the basis for proposing a distribution plan, which should be resolved in the shareholders' meeting for the distribution of dividends and bonuses to shareholders. For the policies on the distribution of employees' compensation and remuneration of directors after the amendment, refer to employees' compensation and remuneration of directors in Note 28-g.

According to the provisions of the Company's Articles, the Company in order to take R&D needs and diversification of operations into consideration, dividends shall not be less than 10% of the distributable earnings in the current year, of which the cash dividends shall not be less than 10% of the total dividends. However, if the distributable earnings for the current year is less than $0.1 per share, it shall not be distributed.

An appropriation of earnings to the legal reserve shall be made until the legal reserve equals the Company's paid-in capital. The legal reserve may be used to offset deficits. If the Company has no deficit and the legal reserve has exceeded 25% of the Company's paid-in capital, the excess may be transferred to capital or distributed in cash.

Items referred to under Rule No. 1010012865 and Rule No. 1010047490 issued by the FSC and in the directive titled "Questions and Answers for Special Reserves Appropriated Following Adoption of IFRSs" should be appropriated to or reversed from a special reserve by the Company.

The board of directors held regular meetings on June 16, 2017 resolved to offset accumulated deficits of previous years with net profit in the amount of $120,877 thousand for the years ended December 31, 2016.

The appropriation of earnings for 2017 was approved in the shareholders' meeting on June 22, 2018. After evaluating the Company's business conditions and operating needs, the decision to offset accumulated deficits of $289,879 thousand with net profit in the amount of $502,079 thousand was excluded and a legal reserve in the amount of $21,220 thousand was appropriated; in accordance with the laws and regulations, no cash dividends or share dividends were distributed.

The appropriation of earnings for 2018 had been proposed by the Company's board of directors on March 6, 2019. The appropriation and dividends per share were as follows:

	Appropriation of Earnings	Dividends Per Share (NT$)
Legal reserve	$ 20,797	$ -
Cash dividends	65,530	0.2
Share dividends	65,530	0.2

The appropriation of earnings for 2018 are subject to resolution in the shareholders' meeting to be held on June 24, 2019.

d. Special reserve

The Company reserved a special reserve on the first-time adoption of IFRSs as follows:

	December 31	
	2018	2017
Special reserve	$ 308,061	$ 308,061

The Company's amount of unrealized revaluation gain and cumulative adjustments transferred into retained earnings were $279,270 thousand and $160,233 thousand, respectively. The increase in retained earnings arising from the first-time adoption of IFRSs was not sufficient for the special reserve appropriation; thus, the Company appropriated a special reserve in the amount of $308,061 thousand which was the net increase of retained earnings arising from the first-time adoption of IFRSs. As of December 31, 2018, there was no change in the special reserve.

e. Other equity items

1) Exchange differences on translating the financial statements of foreign operations

	For the Year Ended December 31	
	2018	2017
Balance at January 1	$ (78,384)	$ (92,295)
Effect of change in tax rate	(2,954)	-
Recognized for the year		
Exchange differences on translating the financial statement of foreign operations	(64,480)	17,342
Share from associates accounted for using the equity method	(1,852)	(408)
Related income tax	13,169	(3,023)
Balance at December 31	$ (134,501)	$ (78,384)

For the purpose of presenting the consolidated financial statements, the functional currencies of the Company and the group entities (including subsidiaries and associates in other countries that use currencies which are different from the currency of the Company) are translated into the presentation currency, the New Taiwan dollar. The resulting currency translation differences are recognized in other comprehensive income as exchange differences on translating foreign operations in the respective period.

2) Unrealized gain (loss) on available-for-sale financial assets

Balance at January 1, 2017	$ 176,244
Recognized for the year	
Unrealized gain on revaluation of available-for-sale financial assets	13,699
Share from associates accounted for using the equity method	12,038
Reclassification adjustment	
Disposal of available-for-sale financial assets	(1,015)
Balance at December 31, 2017	200,966
Adjustment on initial application of IFRS 9	(200,966)
Balance at January 1, 2018 per IFRS 9	$ -

Revaluation gains or losses of available-for-sale financial assets were recognized in other comprehensive income as unrealized gain on available-for-sale financial assets in the respective period.

3) Unrealized gain (loss) on financial assets at FVTOCI

	For the Year Ended December 31, 2018
Balance at January 1 per IAS 39	$ -
Adjustment on initial application of IFRS 9	200,808
Balance at January 1 per IFRS 9	200,808
Effect of change in tax rate	15
Recognized for the year	
Unrealized gain (loss) - equity instruments	(64,111)
Share from subsidiaries and associates accounted for using the equity method	(19,147)
Related income tax	203
Balance at December 31	$ 117,768

27. REVENUE

	For the Year Ended December 31	
	2018	2017
Revenue from contracts with customers		
Revenue from sale of goods	$ 21,683,702	$ 19,821,042

Refer to Note 4 for description related to contracts with customers. Refer to Note 38 for revenue of major products.

28. NET PROFIT

Net profit includes the following:

a. Other income

	For the Year Ended December 31	
	2018	2017
Interest income		
Bank deposits	$ 3,953	$ 2,145
Financial assets at FVTPL (Note 7)	8,072	8,177
Structured deposits	-	765
Others	897	1,374
	12,922	12,461
Dividend income	4,444	7,262
Rental income (Notes 18 and 33)	34,908	30,316
Compensation income (Note 13)	3,415	34,438
Others	9,231	4,677
	$ 64,920	$ 89,154

b. Other gains and losses

	For the Year Ended December 31	
	2018	2017
Loss on disposal of property, plant and equipment (Note 17)	$ (1,054)	$ (1,155)
Gain on disposal of available-for-sale financial assets (Note 10)	-	3,311
Net foreign exchange gain (losses)	21,625	(43,208)
Gain (loss) on financial assets at FVTPL (Note 7)	33,295	(20,119)
Net loss on financial liabilities at FVTPL (Note 7)	(8,442)	(1,505)
Impairment loss on financial assets measured at cost (Note 11)	-	(3,035)
Expenses from rental assets	(7,360)	(6,928)
Others	(3,251)	(3,274)
	$ 34,813	$ (75,913)

c. Net foreign exchange gains and losses

	For the Year Ended December 31	
	2018	2017
Gross foreign exchange gains	$ 157,792	$ 106,610
Gross foreign exchange losses	(136,167)	(149,818)
Net gain (loss)	$ 21,625	$ (43,208)

d. Finance costs

	For the Year Ended December 31 2018	2017
Interest on bank loans	$ 55,675	$ 49,762
Less: Capitalized interest (included in construction in progress)	(326)	(828)
	$ 55,349	$ 48,934

Information about capitalized interest is as follows:

	For the Year Ended December 31 2018	2017
Capitalized interest	$ 326	$ 828
Capitalization rate	1.105%-1.120%	0.986%-1.200%

e. Depreciation and amortization

	For the Year Ended December 31 2018	2017
Property, plant and equipment (Note 17)	$ 194,604	$ 180,844
Intangible assets (Note 19)	3,167	5,091
Prepayments for leases (Note 20)	1,244	1,229
	$ 199,015	$ 187,164
An analysis of depreciation by function		
Operating costs	$ 181,603	$ 167,646
Operating expenses	8,836	9,521
Non-operating income and expenses	4,165	3,677
	$ 194,604	$ 180,844
An analysis of amortization by function		
Operating costs	$ 1,600	$ 1,600
General and administrative expenses	2,811	4,720
	$ 4,411	$ 6,320

f. Employee benefits expense

	For the Year Ended December 31 2018	2017
Post-employment benefits (Note 25)		
Defined contribution plans	$ 23,148	$ 20,982
Defined benefit plans	12,281	13,796
	35,429	34,778
Insurance expenses	36,724	35,351
Other employee benefits	572,090	572,851
Total employee benefits expense	$ 644,243	$ 642,980

(Continued)

	For the Year Ended December 31	
	2018	2017
An analysis of employee benefits expense by function		
Operating costs	$ 488,914	$ 482,239
Operating expenses	155,329	160,741
	$ 644,243	$ 642,980

(Concluded)

g. Employees' compensation and remuneration of directors

According to Articles of Incorporation of the Company, the Company accrued employees' compensation and remuneration of directors at the rates of no less than 1% and no higher than 1%, respectively. However, the Company's accumulated deficits should be offset in advance. The employees' compensation can be distributed in the form of shares or cash. When the employees of the Company's subsidiaries meet specific requirements they are also entitled to receive compensation in shares or cash. These requirements are set by the board of directors. The employees' compensation and remuneration of directors for the years ended December 31, 2018 and 2017, which were approved by the Company's board of directors on March 6, 2019 and March 12, 2018, respectively, were as follows:

	For the Year Ended December 31			
	2018		2017	
	Accrual Rate	Amount	Accrual Rate	Amount
Employees' compensation	1%	$ 2,560	1%	$ 2,875
Remuneration of directors	-	$ -	-	$ -

If there is a change in the amounts after the annual consolidated financial statements are authorized for issue, the differences are recorded as a change in the accounting estimate.

No employee's compensation and remuneration of directors was resolved for 2016 in the board of directors meetings dated March 14, 2017, because there were accumulated deficits which needed to be resolved for the respective year ended December 31, 2016.

There is no difference between the actual amount of employees' compensation and remuneration of directors paid and the amount recognized in the consolidated financial statements for the year ended December 31, 2017.

Information on the employees' compensation and remuneration of directors resolved by the Company's board of directors in 2019 and 2018 is available at the Market Observation Post System website of the Taiwan Stock Exchange.

29. INCOME TAXES

a. Income tax recognized in profit or loss

The major components of income tax expense were as follows:

	For the Year Ended December 31	
	2018	2017
Current tax		
In respect of the current year	$ 74,686	$ 118,917
Income tax on unappropriated earnings	17,670	-
Adjustments for prior years	683	(700)
	93,039	118,217
Deferred tax		
In respect of the current year	40,756	38,783
Adjustments to deferred tax attributable to changes in tax rates and laws	(14,681)	-
Adjustments for prior years	4,165	18,773
	30,240	57,556
Income tax expense recognized in profit or loss	$ 123,279	$ 175,773

A reconciliation of accounting profit and income tax expense is as follows:

	For the Year Ended December 31	
	2018	2017
Profit before tax	$ 331,252	$ 677,852
Income tax expense calculated at the statutory rate	$ 88,164	$ 160,455
Nondeductible expenses in determining taxable income	829	304
Tax-exempt income	(5,526)	(3,968)
Income tax on unappropriated earnings	17,670	-
Unrecognized deductible temporary differences	(8,737)	(17,957)
Unrecognized loss carryforwards	32,486	18,702
Effect of tax rate changes	(14,681)	-
Adjustments for prior years' tax	4,848	18,073
Others	8,226	164
Income tax expense recognized in profit or loss	$ 123,279	$ 175,773

In 2017, the applicable corporate income tax rate used by the group entities in the ROC is 17%. However, the Income Tax Act in the ROC was amended in 2018, and the corporate income tax rate was adjusted from 17% to 20%, effective in 2018. In addition, the rate of the corporate surtax applicable to the 2018 unappropriated earnings will be reduced from 10% to 5%. The applicable tax rate used by subsidiaries in China is 25%. Tax rates used by other group entities operating in other jurisdictions are based on the tax laws in those jurisdictions.

As the status of the 2019 appropriation of earnings is uncertain, the potential income tax consequences of the 2018 unappropriated earnings are not reliably determinable.

b. Income tax recognized in other comprehensive income

	For the Year Ended December 31	
	2018	2017
Deferred tax		
Effect of change in tax rate	$ 3,169	$ -
In respect of the current year		
Exchange differences on translating the financial statements of foreign operations	13,169	(3,023)
Unrealized gain on financial assets at FVTOCI	203	-
Remeasurement on defined benefit plans	(2,039)	2,862
	$ 14,502	$ (161)

c. Current income tax assets and liabilities

	December 31	
	2018	2017
Current income tax assets		
Tax refund receivables	$ 2,560	$ 778
Current income tax liabilities		
Accrued income tax payable	$ 7,746	$ 74,505

d. Deferred tax assets and liabilities

The movements of deferred tax assets and deferred tax liabilities were as follows:

For the year ended December 31, 2018

	Opening Balance	Recognized in Profit or Loss	Recognized in Other Comprehen-sive Income	Exchange Differences	Closing Balance
Deferred tax assets					
Temporary differences					
Allowance for inventory valuation	$ 1,357	$ 5,628	$ -	$ 4	$ 6,989
Allowance for impaired receivables	13,084	525	-	(133)	13,476
Unrealized foreign exchange losses	3,315	(2,621)	-	-	694
Defined benefit plans	102,444	(54,415)	4,069	-	52,098
Payables for annual leave	3,287	1,029	-	-	4,316
Deferred revenue	456	(74)	-	-	382
Others	1,522	1,341	218	-	3,081
	125,465	(48,587)	4,287	(129)	81,036
Operating loss carryforwards	4,081	18,578	-	62	22,721
	$ 129,546	$ (30,009)	$ 4,287	$ (67)	$ 103,757
Deferred tax liabilities					
Temporary differences					
Exchange differences on translating foreign operations	$ 16,741	$ -	$ (10,215)	$ -	$ 6,526
Differences on depreciation between finance and tax	596	109	-	-	705
Reserve for land revaluation increment tax	143,860	-	-	-	143,860
Others	205	122	-	-	327
	$ 161,402	$ 231	$ (10,215)	$ -	$ 151,418

For the year ended December 31, 2017

	Opening Balance	Recognized in Profit or Loss	Recognized in Other Comprehen-sive Income	Exchange Differences	Closing Balance
Deferred tax assets					
Temporary differences					
Allowance for inventory valuation	$ 3,170	$ (1,801)	$ -	$ (12)	$ 1,357
Allowance for impaired receivables	12,128	1,171	-	(215)	13,084
Unrealized foreign exchange losses	-	3,315	-	-	3,315
Defined benefit plans	113,145	(13,563)	2,862	-	102,444
Payables for annual leave	3,297	(10)	-	-	3,287
Deferred revenue	7,463	(6,827)	-	(180)	456
Others	1,732	(201)	-	(9)	1,522
	140,935	(17,916)	2,862	(416)	125,465
Operating loss carryforwards	46,357	(42,037)	-	(239)	4,081
	$ 187,292	$ (59,953)	$ 2,862	$ (655)	$ 129,546
Deferred tax liabilities					
Temporary differences					
Exchange differences on translating foreign operations	$ 13,718	$ -	$ 3,023	$ -	$ 16,741
Differences on depreciation periods between finance and tax	784	(188)	-	-	596
Reserve for land revaluation increment tax	143,860	-	-	-	143,860
Unrealized foreign exchange gains	2,414	(2,414)	-	-	-
Others	-	205	-	-	205
	$ 160,776	$ (2,397)	$ 3,023	$ -	$ 161,402

e. Deductible temporary differences and unused loss carryforwards for which no deferred tax assets have been recognized in the consolidated balance sheets

	December 31 2018	December 31 2017
Loss carryforwards		
Expiry in 2018	$ -	$ 73,559
Expiry in 2019	299,375	299,375
Expiry in 2020	157,042	157,042
Expiry in 2021	139,745	139,745
Expiry in 2022	62,532	75,873
Expiry in 2023	127,554	-
	$ 786,248	$ 745,594
Deductible temporary differences		
Share of loss of subsidiaries accounted for using the equity method	$ 613,981	$ 672,278
Allowance for inventory valuation	26,186	15,492
Others	2,030	1,228
	$ 642,197	$ 688,998

f. Information about unused loss carryforwards

Loss carryforwards as of December 31, 2018 comprised:

Unused Amount	**Expiry Year**
$ 299,375	2019
157,042	2020
139,745	2021
62,532	2022
127,554	2023
113,603	2028
$ 889,851	

g. Income tax assessments

The income tax returns of the Company through 2016 has been assessed by the tax authorities.

h. Income tax related to subsidiaries

1) TTC (BVI) had no income tax expense due to the relevant tax exemptions in compliance with the regulations of the location where it was established, except for a paid tax expense to receive the share dividends from earnings of TTC (TJ) in 2012.

2) TTC (ZS) and TTC (TJ), both located in mainland China, use the applicable income tax rate of 25%.

30. EARNINGS PER SHARE

Unit: NT$ Per Share

	For the Year Ended December 31	
	2018	**2017**
Basic earnings per share	$ 0.63	$ 1.53
Diluted earnings per share	$ 0.63	$ 1.53

The earnings and weighted average number of ordinary shares outstanding in the computation of earnings per share were as follows:

Net Profit for the Year

	For the Year Ended December 31	
	2018	**2017**
Earnings used in the computation of basic earnings per share and diluted earnings per share	$ 207,973	$ 502,079

Weighted Average Number of Ordinary Shares Outstanding (In Thousand Shares)

	For the Year Ended December 31	
	2018	**2017**
Weighted average number of ordinary shares used in the computation of basic earnings per share	327,652	327,652
Effect of potentially dilutive ordinary shares:		
Employees' compensation issued to employees	305	189
Weighted average number of ordinary shares used in the computation of diluted earnings per share	327,957	327,841

If the Group offered to settle compensation paid to employees in cash or shares, the Group assumed the entire amount of the compensation would be settled in shares, and the resulting potential shares were included in the weighted average number of shares outstanding used in the computation of diluted earnings per share, as the effect is dilutive. Such dilutive effect of the potential shares is included in the computation of diluted earnings per share until the number of shares to be distributed to employees is resolved in the following year.

31. CAPITAL MANAGEMENT

The Group manages its capital to ensure that entities in the Group will be able to continue as going concerns while maximizing the return to stakeholders through the optimization of the debt and equity balance. The Group's overall strategy remains unchanged from the past year.

The capital structure of the Group consists of net debt and equity.

The senior management of the Group regularly reviews the Group's capital structure. The review includes the consideration of the cost of various types of capital and related risks. The Group balances its overall capital structure by paying dividends, borrowing new debt or repaying old debt, based on the recommendations of the senior management.

32. FINANCIAL INSTRUMENTS

a. Fair value of financial instruments not measured at fair value

The Group's management believes that the carrying amount of financial assets and financial liabilities that are not measured at fair value approximates their fair value. Otherwise, the fair value cannot be measured appropriately.

b. Fair value of financial instruments measured at fair value on a recurring basis

1) Fair value hierarchy

December 31, 2018

	Level 1	Level 2	Level 3	Total
Financial assets at FVTPL				
Derivative financial assets	$ -	$ 390	$ -	$ 390
Beneficiary securities	253,829	-	-	253,829
Mutual funds	150,000	-	-	150,000
Equity instrument investment				
Foreign unlisted shares	-	-	-	-
	$ 403,829	$ 390	$	$ 404,219
Financial assets at FVTOCI				
Equity instrument investment				
Domestic listed shares	$ 179,808	$ -	$ -	$ 179,808
Domestic unlisted shares	-	-	473	473
Foreign unlisted shares	-	-	2,555	2,555
	$ 179,808	$ -	$ 3,028	$ 182,836

December 31, 2017

	Level 1	Level 2	Level 3	Total
Financial assets at FVTPL				
Derivative financial assets	$ -	$ 1,828	$ -	$ 1,828
Non-derivative financial assets held for trading	304,282	-	-	304,282
	$ 304,282	$ 1,828	$ -	$ 306,110
Available-for-sale financial assets				
Securities listed in the ROC	$ 242,944	$ -	$ -	$ 242,944
Financial liabilities at FVTPL				
Derivatives financial liabilities	$ -	$ 624	$ -	$ 624

There were no transfers between Levels 1 and 2 for the years ended December 31, 2018 and 2017.

2) Reconciliation of Level 3 fair value measurements of financial instruments

Financial Assets at FVTOCI - Equity Instruments	For the Year Ended December 31, 2018
Balance at January 1	$ 5,080
Recognized in other comprehensive income (included in unrealized gain/(loss) on financial assets at FVTOCI)	(975)
Reduction of capital by returning cash	(1,185)
Net exchange differences	108
Balance at December 31	$ 3,028

3) Valuation techniques and inputs applied for Level 2 fair value measurement

Financial Instruments	Valuation Techniques and Inputs
Derivatives - foreign exchange forward contracts	Discounted cash flow. Future cash flows are estimated based on observable forward exchange rates at the end of the reporting period and contract forward rates, discounted at a rate that reflects the credit risk of various counterparties.

4) Valuation techniques and inputs applied for Level 3 fair value measurement

To determine the fair value for Level 3 financial instruments, the Group's investment department conducts independent fair value verification using external resources so as to better reflect the market conditions, as well as periodically reviewing the valuation results in order to guarantee the rationality of the measurement. For unlisted domestic equity investments, the Group utilizes the asset approach and takes into account the most recent net asset value, observable financial status as well as the financing activities of investees in order to determine their net asset value. The unobservable input used was a discount for the lack of marketability of 15% on December 31, 2018.

c. Categories of financial instruments

	December 31	
	2018	**2017**
Financial assets		
Financial assets at FVTPL		
Held for trading	$ -	$ 306,110
Mandatorily classified as at FVTPL	404,219	-
Loans and receivables (1)	-	3,585,866
Available-for-sale financial assets (2)	-	245,627
Financial assets at amortized cost (3)	3,657,394	-
Financial assets at FVTOCI		
Equity instruments	182,836	-
Financial liabilities		
Financial liabilities at FVTPL		
Held for trading	-	624
Financial liabilities measured at amortized cost (4)	4,114,945	3,876,433

1) The balance includes loans and receivables measured at amortized cost, which includes cash and cash equivalents, debt investments with no active market, notes and accounts receivable (including related parties), other receivables (including related parties and excluding VAT refund receivables) and other non-current assets (pledged deposits).

2) The balance includes the carrying amount of financial assets measured at cost.

3) The balance includes Financial assets at amortized cost, which includes cash and cash equivalents, notes and accounts receivable (including related parties), other receivables (including related parties and excluding VAT refund receivables) and other non-current assets (pledged deposits).

4) The balance includes financial liabilities at amortized cost, which includes short-term and long-term loans, short-term bills payable, accounts payable (including related parties) and other payables (including related parties and excluding payables for taxes).

d. Financial risk management objectives and policies

The Group’s conduct of risk controlling and hedging strategy is influenced by the operational environment. The Group monitors and manages the financial risk by business nature and risk dispersion.

These risks include market risk (including foreign currency risk, interest rate risk and other price risk), credit risk and liquidity risk.

1) Market risk

The Group’s operating activities exposed it primarily to the financial risks of changes in foreign currency exchange rates, interest rates and other price risk.

There had been no change to the Group’s exposure to market risks or the manner in which these risks were managed and measured.

a) Foreign currency risk

The Group conducted foreign currency sales and purchases, which exposed the Group to foreign currency risk. In order to avoid the impact of foreign currency exchange rate changes, which lead to deductions in foreign currency denominated assets and fluctuations in their future cash flows, the Group used foreign exchange forward contracts to eliminate foreign currency exposure and thus mitigate the impact of the risk. The use of foreign exchange forward contracts is regulated by the policies passed by the Group’s board of directors. Internal auditors focus on reviewing the observance of the policies and the quota of risk exposures. The trade of derivative financial instruments that the Group engaged in was not for speculation purposes.

The carrying amounts of the Group’s foreign currency denominated monetary assets and monetary liabilities are set out in Note 36 and of the derivatives exposing the Group to foreign currency risk are set out in Note 7.

<u>Sensitivity analysis</u>

The Group’s sensitivity analysis mainly focuses on the foreign currency risk of U.S. dollars at the end of the reporting period. Assuming a 3% strengthening/weakening of the functional currency against U.S. dollars, the net income before tax for the years ended December 31, 2018 and 2017 would have decreased/increased by $28,571 thousand and $25,845 thousand, respectively.

In management’s opinion, the sensitivity analysis was unrepresentative of the inherent foreign currency risk because the exposure at the end of the reporting period did not reflect the exposure during the period.

b) Interest rate risk

The Group was exposed to the fair value risk of interest rate fluctuations for the fixed interest rate bearing financial assets and financial liabilities; the Group was exposed to the cash flow risk of interest rate fluctuations for the floating interest rate bearing financial assets and financial liabilities. The Group’s management regularly monitors the fluctuations on market rates and then adjusted its balance of floating rate bearing financial liabilities to make the Group’s interest rates more closely approach market rates in response to the interest rate risk.

The carrying amount of the Group's financial assets and financial liabilities with exposure to interest rates at the end of the reporting period were as follows:

	December 31	
	2018	**2017**
Fair value interest rate risk		
Financial assets	$ 42,201	$ 19,051
Financial liabilities	1,871,560	1,030,710
Cash flow interest rate risk		
Financial assets	662,828	589,152
Financial liabilities	1,153,239	1,230,781

Sensitivity analysis

The fixed-rate financial assets and liabilities held by the Group are not included in the analysis as they are all measured at amortized cost. For floating rate assets and liabilities, the analysis was prepared assuming that the amount of the assets and liabilities outstanding at the end of the reporting period was outstanding for the whole year. A 50 point fluctuation in interest rate was used when reporting interest rate risk internally to key management personnel and represents management's assessment of the reasonably possible change in interest rates.

If interest rates had been 50 points higher/lower and all other variables were held constant, the Group's pre-tax profit for the years ended December 31, 2018 and 2017 would have decreased/increased by $2,452 thousand and $3,208 thousand, respectively.

c) Other price risk

The Group was exposed to price risk through its investments in domestic listed shares, foreign and domestic unlisted shares, beneficiary securities and mutual funds. The Group manages this exposure by maintaining a portfolio of investments with different risks. In addition, the Group has appointed a specific team to monitor price risk.

Sensitivity analysis

The Group's sensitivity analysis focuses on securities price risks at the end of the reporting period. If securities prices had been 5% higher/lower, the net profit before tax for the year ended December 31, 2018 would have increased/decreased by $20,191 thousand as a result of the changes in fair value of financial assets at FVTPL, and the other comprehensive income before tax for the year ended December 31, 2018 would have increased/decreased by $9,142 thousand, as a result of the changes in fair value of financial assets at FVTOCI.

The Group's sensitivity analysis focuses on securities price risks at the end of the reporting period. If securities prices had been 5% higher/lower, the net profit before tax for the year ended December 31, 2017 would have increased/decreased by $15,214 thousand as a result of the changes in fair value of held-for-trading investment, and the other comprehensive income before tax for the year ended December 31, 2017 would have increased/decreased by $12,147 thousand, as a result of the changes in fair value of available-for-sale financial assets.

2) Credit risk

Credit risk refers to the risk that a counterparty will default on its contractual obligations resulting in financial loss to the Group. The Group adopted a policy of only dealing with creditworthy counterparties as a means of mitigating the risk of financial loss from defaults. The Group's exposure to and credit ratings for its counterparties are continuously monitored.

The counterparties of the Group’s accounts receivable included numerous clients distributed over a variety of areas, and were not centered on a single client or location. Furthermore, the Group continuously assesses the financial condition of its clients, and then the Group’s credit risk was limited. As at the end of the reporting period, the Group’s largest exposure of credit risk approximates to the carrying amount of financial assets.

3) Liquidity risk

The Group manages liquidity risk by monitoring and maintaining a level of cash and bank loan facilities deemed adequate to finance the Group’s operations and mitigate the effects of fluctuations in cash flows.

a) Liquidity and interest rate risk tables for non-derivative financial liabilities

The following table details the Group’s remaining contractual maturity for its non-derivative financial liabilities with agreed repayment periods based on the probable earliest repayment dates. The table was drawn up based on the undiscounted cash flows of financial liabilities from the earliest date on which the Group can be required to pay.

December 31, 2018

	Weighted Average Interest Rate	On Demand or Less than 1 Year	1-5 Years
Non-derivative financial liabilities			
Non-interest bearing liabilities		$ 1,101,155	$ 16,035
Floating interest rate liabilities	1.563	153,239	1,000,000
Fixed interest rate liabilities	2.022	1,871,560	-
		$ 3,125,954	$ 1,016,035

December 31, 2017

	Weighted Average Interest Rate	On Demand or Less than 1 Year	1-5 Years
Non-derivative financial liabilities			
Non-interest bearing liabilities		$ 1,625,842	$ 26,950
Floating interest rate liabilities	1.573	230,781	1,000,000
Fixed interest rate liabilities	1.888	1,030,787	-
		$ 2,887,410	$ 1,026,950

b) Financing facilities

The Group relies on bank loans as a significant source of liquidity. As of December 31, 2018 and 2017, the unused amounts of bank loan facilities were as follows:

	December 31	
	2018	2017
Bank loan facilities		
Amount unused	$ 4,176,198	$ 4,178,157

33. TRANSACTIONS WITH RELATED PARTIES

As of December 31, 2018 and 2017, USI Corporation held indirectly 36.79% of the Company's outstanding ordinary shares.

Balances and transactions between the Company and its subsidiaries, which are related parties of the Company, have been eliminated on consolidation and are not disclosed in this note. Besides information disclosed elsewhere in the other notes, details of transactions between the Group and other related parties are disclosed below.

a. Related party names and categories

Related Party	Related Party Category
USI Corporation ("USI")	Parent company
China General Plastics Corporation	Associate
Continental General Plastics (Zhongshan) Co., Ltd.	Subsidiary
CGPC Consumer Products Corporation	Subsidiary
CGPC Polymer Corporation	Subsidiary
Taiwan VCM Corporation ("TVCM")	Subsidiary
China General Terminal & Distribution Co. ("CGTD")	Associate
Acme Electronics Corp.	Associate
Asia Polymer Corporation ("APC")	Fellow subsidiary
USI Trading (Shanghai) Co., Ltd.	Fellow subsidiary
USI International Corporation	Fellow subsidiary
Swanson Plastics Corp.	Fellow subsidiary
Swanson Plastics (Kunshan) Co., Ltd.	Fellow subsidiary
USI Management Consulting Corp. ("UM")	Fellow subsidiary
Taiwan United Venture Management Corporation	Fellow subsidiary
USIG (Shanghai) Co., Ltd.	Fellow subsidiary
INOMA Corporation	Fellow subsidiary
USI Education Foundation ("USIF")	Other related party

b. Sales of goods

	For the Year Ended December 31	
Related Party Category/Name	2018	2017
Fellow subsidiary	$ 104,456	$ 42,646
Parent company	17,276	-
Associate	260	-
	$ 121,992	$ 42,646

The Group's credit period of sales of goods to related parties was from 30 days to 90 days after delivering the products. The sales of goods between the Group and its related parties had no material differences from those of general sales transactions.

c. Purchases of goods

Related Party Category/Name	For the Year Ended December 31	
	2018	2017
Associate	$ 2,341	$ 2,787
Fellow subsidiary	267	197
	$ 2,608	$ 2,984

The average credit period on purchases of goods from related parties was 30 days after acceptance. The purchases of goods between the Group and its related parties had no material differences from those of general purchase transactions.

d. Receivables from related parties (excluding loans to related parties)

Related Party Category/Name	December 31	
	2018	2017
Fellow subsidiary	$ 31,162	$ 4,058
Parent company	1,714	-
	$ 32,876	$ 4,058

The outstanding accounts receivable from related parties were unsecured. For the years ended December 31, 2018 and 2017, no impairment loss was recognized for accounts receivable from related parties.

e. Payables to related parties (excluding loans from related parties)

Related Party Category/Name	December 31	
	2018	2017
Associate	$ 325	$ 469
Fellow subsidiary	65	26
	$ 390	$ 495

The outstanding accounts payable from related parties are not overdue and not guaranteed.

f. Other transactions with related parties

1) Rental income (classified as other income, see Notes 17, 18 and 28)

Related Party Category/Name	For the Year Ended December 31	
	2018	2017
Associate		
CGTD	$ 23,303	$ 19,100
TVCM	9,647	9,426
	32,950	28,526
Parent company	1,690	1,530
Fellow subsidiary	268	260
	$ 34,908	$ 30,316

2) Rental expenses (classified as operating costs, selling and marketing expenses and general and administrative expenses)

Related Party Category/Name	For the Year Ended December 31	
	2018	2017
Fellow subsidiary		
APC	$ 8,399	$ 6,265
Others	-	8
	8,399	6,273
Parent company		
USI	5,478	5,325
Associate	88	116
	$ 13,965	$ 11,714

The Group leased land in Linyuan from APC. The rentals were set according to the actual rental area and paid on a monthly basis. The Group leased offices in Neihu from USI. The rental was paid on a monthly basis.

3) Storage tank operating expenses (classified as operating costs)

Related Party Category/Name	For the Year Ended December 31	
	2018	2017
Associate		
CGTD	$ 13,258	$ 16,546

The Group appointed CGTD to handle the storage tank operating procedures of styrene monomer and butadiene, such as transportation, storage and loading. The storage tank operating expenses were paid on a monthly basis.

4) Management service revenue (classified as other revenue)

Related Party Category/Name	For the Year Ended December 31	
	2018	2017
Parent company		
USI	$ 27	$ -

5) Management service expenses (classified as general and administrative expenses and other gains and losses)

Related Party Category/Name	For the Year Ended December 31 2018	2017
Fellow subsidiary		
UM	$ 54,816	$ 47,866
Others	120	120
	54,936	47,986
Parent company		
USI	1,117	9,912
	$ 56,053	$ 57,898

The related contracts stated that the fellow subsidiary and parent company should provide labor support, equipment and other related services to the Group, and the service expenses were based on the actual quarterly expenses.

6) Donation (classified as administrative expenses)

Related Party Category/Name	For the Year Ended December 31 2018	2017
Other related party		
USIF	$ 1,000	$ -

7) Other expense (classified as operating costs)

Related Party Category/Name	For the Year Ended December 31 2018	2017
Associate	$ 2,002	$ 2,730

8) Acquisitions of property, plant and equipment

Related Party Category/Name	For the Year Ended December 31 2018	2017
Fellow subsidiary	$ 694	$ 437

9) Other receivables from related parties

Related Party Category/Name	December 31 2018	2017
Associate	$ 3,473	$ 5,393
Parent company	362	310
Fellow subsidiary	83	100
	$ 3,918	$ 5,803

Other receivables included land and equipment rental receivables and reimbursed expenses.

10) Other payables to related parties

Related Party Category/Name	December 31 2018	December 31 2017
Associate	$ 4,850	$ 5,355
Parent company	1,579	2,829
Fellow subsidiary	758	404
	$ 7,187	$ 8,588

Other payables included storage tank operating expense payables, management service expense payables and the allocation of service department costs payables.

g. Compensation of key management personnel

	For the Year Ended December 31 2018	For the Year Ended December 31 2017
Salaries and others	$ 20,460	$ 29,479
Post-employment benefits	216	243
	$ 20,676	$ 29,722

The remuneration of directors and key executives of the Company was determined by the remuneration committee based on the performance of individuals and market trends.

34. ASSETS PLEDGED AS COLLATERAL

The following assets were provided as collateral for line of credit borrowings, the tariffs of imported raw materials and good guarantees and borrowing credit amounts (Notes 12, 17, 18, 20 and 21):

	December 31 2018	December 31 2017
Pledged deposits		
Classified as financial assets at amortized cost - current	$ 91,636	$ -
Classified as debt investments with no active market - current	-	89,292
Pledged time deposits		
Classified as financial assets at amortized cost - current	3,000	-
Classified as debt investments with no active market - current	-	3,000
Classified as other assets - non-current	16,201	16,051
Property, plant and equipment, net	501,140	490,322
Investment properties, net	108,178	108,178
Land use rights (classified as prepayments for leases)	23,652	24,899
	$ 743,807	$ 731,742

35. SIGNIFICANT CONTINGENT LIABILITIES AND UNRECOGNIZED COMMITMENTS

In addition to those disclosed in other notes, significant commitments and contingencies of the Group were as follows:

a. As of December 31, 2018 and 2017, unused letters of credit amounted to approximately $463,979 thousand and $1,383,752 thousand, respectively.

b. Contingencies

Regarding the associate, China General Terminal & Distribution Corporation ("CGTD"), which was commissioned to operate LCY Chemical Corp.'s propene pipeline resulting in a gas explosion on July 31, 2014, the first instance of the criminal procedures reached a first instance judgment on May 11, 2018, whereby three employees of CGTD were each sentenced to four years and six months of imprisonment, and CGTD assisted the employees to appeal against the judgment.

CGTD arrived at an agreement with Kaohsiung City Government on February 12, 2015, pledging certificates of bank deposits of $227,167 thousand, interest included, to Kaohsiung City Government as collateral for the loss caused by the gas explosion. Kaohsiung City Government also filed civil procedure requests in succession against LCY Chemical Corp., CGTD and CPC Corporation, Taiwan ("CPC"). Taiwan Power Company applied for provisional attachment against CGTD's property on August 27 and November 26, 2015. Taiwan Water Corporation also applied for provisional attachment against CGTD's property on February 3 and March 2, 2017. As of February 28, 2019, the provisionally attached property was worth $141,255 thousand.

As for the victims, CGTD, LCY Chemical Corp. and Kaohsiung City Government signed a tripartite agreement for the compensation of the 32 victims' families on July 17, 2015. Each victim's family received $12,000 thousand, and the compensation was $384,000 thousand in total, which was paid by LCY Chemical Corp. LCY Chemical Corp. was in charge of negotiating the compensation with the victims' families and signing the settlement agreement on behalf of the three parties.

As for the seriously injured victims, CGTD, LCY Chemical Corp. and Kaohsiung City Government signed a tripartite agreement for the compensation of the 65 seriously injured victims' families on October 25, 2017. Compensation was paid by CGTD and Kaohsiung City Government, and CGTD was in charge of negotiating the compensation with the seriously injured victims' families and signing the settlement agreement on behalf of the three parties with the 64 seriously injured victim's families.

As of February 28, 2019, the families of the victims and seriously injured victims had written letters or filed civil (and criminal) procedures against LCY Chemical Corp., CGTD and CPC Corporation, Taiwan for compensation. To minimize the lawsuit costs, CGTD already settled on the original claims of $23,919 thousand, and the amount of the settlement was $3,899 thousand. Along with the cases still under litigation and the above-mentioned compensation, the accumulated amount of compensation is $3,881,291 thousand. Some related civil cases with a total amount of compensation of $1,177,192 thousand were granted their first instance judgment as of June 22, 2018, and the proportion of fault liability of Kaohsiung City Government, LCY Chemical Corp. and CGTD is 4:3:3. The total amount of compensation that LCY Chemical Corp., CGTD and the other defendants should pay is about $383,831 thousand, among which $6,194 thousand CGTD was exempted from and among which $188,818 thousand was estimated to be the portion of compensation that CGTD should afford according to the judgment of the first instance. CGTD has appealed in the civil cases which were announced but were not settled and entered into the second instance. With regard to the above-mentioned compensation, CGTD estimated and recognized an amount of $136,375 thousand based on its fault liability in the first instance judgment. The actual payment of CGTD depends on the judgment of the civil procedures of the remaining civil cases.

36. SIGNIFICANT ASSETS AND LIABILITIES DENOMINATED IN FOREIGN CURRENCIES

The Group' significant financial assets and liabilities denominated in foreign currencies aggregated by the foreign currencies other than functional currencies and the related exchange rates between foreign currencies and respective functional currencies were as follows:

Unit: In Thousands of Foreign and Functional Currencies

	December 31, 2018				
	Foreign Currency	**Exchange Rate**		**Functional Currency**	**NTD**
Foreign currency assets					
Monetary items					
USD	$ 55,418	30.7150	(USD:NTD)	$ 1,702,157	$ 1,702,157
RMB	7,065	4.4753	(RMB:NTD)	31,616	31,616
USD	828	6.8632	(USD:RMB)	5,683	25,432
HKD	558	3.9210	(HKD:NTD)	2,189	2,189
RMB	285	0.1457	(RMB:USD)	42	1,277
					$ 1,762,671
Non-monetary items					
Derivative instruments					
USD	6,000	30.7150	(USD:NTD)	390	$ 390
Foreign currency liabilities					
Monetary items					
USD	10,584	30.7150	(USD:NTD)	325,102	$ 325,102
USD	14,655	6.8632	(USD:RMB)	100,578	450,120
					$ 775,222

Unit: In Thousands of Foreign and Functional Currencies

	December 31, 2017				
	Foreign Currency	**Exchange Rate**		**Functional Currency**	**NTD**
Foreign currency assets					
Monetary items					
USD	$ 54,488	29.7600	(USD:NTD)	$ 1,621,550	$ 1,621,550
USD	2,387	6.5342	(USD:RMB)	15,597	71,039
HKD	1,062	3.8070	(HKD:NTD)	4,044	4,044
RMB	284	0.1530	(RMB:NTD)	43	1,295
EUR	32	35.5700	(EUR:USD)	1,150	1,150
					$ 1,699,078
Non-monetary items					
Derivative instruments					
USD	14,000	29.7600	(USD:NTD)	1,828	$ 1,828

(Continued)

	December 31, 2017						
	Foreign Currency	Exchange Rate		Functional Currency		NTD	
Foreign currency liabilities							
Monetary items							
USD	$ 17,518	29.7600	(USD:NTD)	$	521,344	$	521,344
USD	10,408	6.5342	(USD:RMB)		68,007		309,738
						$	831,082
Non-monetary items							
Derivative instruments							
USD	5,000	29.7600	(USD:NTD)		624	$	624

(Concluded)

The unrealized and realized foreign exchange gains and losses were a gain of $21,625 thousand and a loss of $43,208 thousand for the years ended December 31, 2018 and 2017, respectively. Due to the numerous foreign currency transactions and functional currencies of each individual entity of the Group, foreign exchange gains and losses cannot be disclosed on the respective significant foreign currency.

37. SEPARATELY DISCLOSED ITEMS

a. Information about significant transactions and investees

1) Financing provided to others. (Table 1)

2) Endorsements/guarantees provided. (Table 2)

3) Marketable securities held (not including investment subsidiary and affiliated companies). (Table 3)

4) Marketable securities acquired and disposed of at costs or prices of at least NT$300 million or 20% of the paid-in capital. (Table 4)

5) Acquisitions of individual real estate at costs of at least NT$300 million or 20% of the paid-in capital. (None)

6) Disposals of individual real estate at prices of at least NT$300 million or 20% of the paid-in capital. (None)

7) Total purchases from or sales to related parties amounting to at least NT$100 million or 20% of the paid-in capital. (Table 5)

8) Receivables from related parties amounting to at least NT$100 million or 20% of the paid-in capital. (Table 6)

9) Trading in derivative instruments. (Note 7)

10) Intercompany relationships and significant intercompany transactions. (Table 9)

11) Information on investees. (Table 7)

b. Information on investments in mainland China

1) Information on any investee company in mainland China, showing the name, principal business activities, paid-in capital, method of investment, inward and outward remittance of funds, ownership percentage, net income of investees, investment income or loss, carrying amount of the investment at the end of the period, repatriations of investment income, and limit on the amount of investment in the mainland China area. (Table 8)

2) Any of the following significant transactions with investee companies in mainland China, either directly or indirectly through a third party, and their prices, payment terms, and unrealized gains or losses:

a) The amount and percentage of purchases and the balance and percentage of the related payables at the end of the period. (Table 9)

b) The amount and percentage of sales and the balance and percentage of the related receivables at the end of the period. (Tables 5, 6 and 9)

c) The amount of property transactions and the amount of the resultant gains or losses. (None)

d) The balance of negotiable instrument endorsements or guarantees or pledges of collateral at the end of the period and the purposes. (Table 2)

e) The highest balance, the end of period balance, the interest rate range, and total current period interest with respect to financing of funds. (Tables 1 and 9)

f) Other transactions that have a material effect on the profit or loss for the period or on the financial position, such as the rendering or receipt of services. (None)

c. Intercompany relationships and significant intercompany transaction (Table 9)

38. SEGMENT INFORMATION

Information reported to the chief operating decision maker for the purpose of resource allocation and assessment of segment performance focuses on the types of goods or services delivered or provided. According to IFRS 8 “Operating Segments”, the Group should disclose the segment information of styrenic products and glasswool products (including cubic printing products).

a. Segment revenue and results

The following was an analysis of the Group's revenue and results from continuing operations by reportable segments.

December 31, 2018

	Styrenic Products	Glasswool Products (Including Cubic Printing Products)	Total
Segment revenue	$ 21,135,560	$ 548,142	$ 21,683,702
Segment income	$ 242,515	$ 35,103	$ 277,618
Other revenue			64,920
Other gains and losses			34,813
Share of profit of associates accounted for using the equity method			9,250
Finance costs			(55,349)
Profit before tax			$ 331,252

December 31, 2017

	Styrenic Products	Glasswool Products (Including Cubic Printing Products)	Total
Segment revenue	$ 19,276,484	$ 544,558	$ 19,821,042
Segment income	$ 644,068	$ 31,878	$ 675,946
Other revenue			89,154
Other gains and losses			(75,913)
Share of profit of associates accounted for using the equity method			37,599
Finance costs			(48,934)
Profit before tax			$ 677,852

The above of revenue reported is generated by trading with external customers. There were no inter-departmental transactions in 2018 and 2017.

Segment profit represents the profit before tax earned by each segment without allocation of central administrative expenses and directors' salaries, the share of profit of associates, gain recognized on the disposal of interest in former associates, rental revenue, interest income, gain or loss on disposal of property, plant and equipment, gain or loss on disposal of financial instruments, foreign exchange gain or loss, valuation gain or loss on financial instruments, finance costs and income tax expense. This was the measure reported to the chief operating decision maker for the purpose of resource allocation and assessment of segment performance.

Because the segment information reported to the chief operating decision maker didn't include assets and liabilities of individual segments, the operating segment assets and liabilities are not disclosed.

b. Other segment information

	Depreciation and Amortization For the Year Ended December 31 2018	 2017
Styrenic products	$ 177,101	$ 172,712
Glasswool products (including cubic printing products)	21,914	14,452
	$ 199,015	$ 187,164

c. Revenue from major products

The following is an analysis of the Group's revenue from continuing operations from its major products.

	For the Year Ended December 31 2018	 2017
EPS	$ 11,000,761	$ 9,731,355
ABS	6,183,426	6,045,151
GPS	3,917,573	3,463,039
Glasswool products	459,466	444,719
Cubic printing products	88,676	99,839
IPS	33,800	36,939
	$ 21,683,702	$ 19,821,042

d. Geographical information

The amounts of the Group's revenue from continuing operations from external customers and non-current assets by location are detailed below.

	Revenue from External Customers		Non-current Assets	
	For the Year Ended December 31		December 31	
	2018	2017	2018	2017
Asia	$ 19,325,187	$ 17,695,129	$ 2,526,716	$ 2,575,084
USA	1,226,229	1,354,480	-	-
Africa	672,667	342,854	-	-
Europe	129,345	121,600	-	-
Others	330,274	306,979	-	-
	$ 21,683,702	$ 19,821,042	$ 2,526,716	$ 2,575,084

Non-current assets included property, plant and equipment, investment assets, intangible assets, and prepayments for leases.

e. Major customers

No single customer contributed 10% or more to the Group's revenue for both 2018 and 2017.

TABLE 1

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

FINANCING PROVIDED TO OTHERS
FOR THE YEAR ENDED DECEMBER 31, 2018
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

No.	Lender	Borrower	Financial Statement Account	Related Party	Highest Balance for the Period (Notes 4 and 5)	Ending Balance (Note 4)	Actual Borrowing Amount (Note 4)	Interest Rate (%)	Nature of Financing (Note 3)	Business Transaction Amounts	Reasons for Short-term Financing	Allowance for Impairment Loss	Collateral		Financing Limit for Each Borrower (Notes 1, 2 and 4)	Aggregate Financing Limit (Notes 1, 2 and 4)
													Item	Value		
1	Taita Chemical (Zhongshan) Co., Ltd.	Taita Chemical (Tianjin) Co., Ltd.	Other receivables from related parties	Yes	$ 895,060 (RMB 200,000 thousand)	$ 447,530 (RMB 100,000 thousand)	$ 268,518 (RMB 60,000 thousand)	5.22	b	$ -	Operating capital	$ -	-	$ -	$ 2,095,315	$ 2,095,315

Note 1: The total amount of lending to the Company for funding for a short-term period shall not exceed 40% of the net worth of the Company. As of December 31, 2018, the Company did not loan funds to anyone and has no financing provided to others.

Note 2: The total amount of financing provided by Taita Chemical (Zhongshan) Co., Ltd. to others collectively and to any individual entity shall not exceed 40% of its net worth. However, the total amount of its financing provided to any subsidiary which is wholly-owned by the Company shall not exceed 100% of the recently audited net worth of the Company as audited by an independent auditor. As December 31, 2018, the audited net worth of Taita Chemical (Zhongshan) Co., Ltd. is RMB 468,194 thousand.

Note 3: The alphabetic indications for the nature of financing are described as follows:

a. Business and trade.
b. Shot-term financing.

Note 4: The foreign currency amount is calculated based on the spot exchange rate as of December 31, 2018.

Note 5: The amount was eliminated upon consolidation and based on audited financial statements.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

ENDORSEMENTS/GUARANTEES PROVIDED
FOR THE YEAR ENDED DECEMBER 31, 2018
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

No.	Endorser/Guarantor	Endorsee/Guarantee		Limits on Endorsement/ Guarantee Given on Behalf of Each Party (Note 2)	Maximum Amount Endorsed/ Guaranteed During the Period (Note 1)	Outstanding Endorsement/ Guarantee at the End of the Period (Note 1)	Actual Borrowing Amount (Note 1)	Amount Endorsed/ Guaranteed by Collateral	Ratio of Accumulated Endorsement/ Guarantee to Net Equity in Latest Financial Statements (%)	Aggregate Endorsement/ Guarantee Limit (Note 2)	Endorsement/ Guarantee Given by Parent on Behalf of Subsidiaries	Endorsement/ Guarantee Given by Subsidiaries on Behalf of Parent	Endorsement/ Guarantee Given on Behalf of Companies in Mainland China
		Name	Relationship										
0	Taita Chemical Co., Ltd.	Taita (BVI) Holding Co., Ltd.	100% voting shares directly owned by the Company	$ 5,987,936	$ 1,613,595 (US$ 33,000 thousand) (NT$ 600,000 thousand)	$ 1,613,595 (US$ 33,000 thousand) (NT$ 600,000 thousand)	$ 771,561 (US$ 25,120 thousand)	$ -	40.42	$ 5,987,936	Yes	No	No
		Taita Chemical (Zhongshan) Co., Ltd.	100% voting shares indirectly owned by the Company	5,987,936	243,081 (US$ 5,000 thousand) (RMB 20,000 thousand)	223,765 (RMB 50,000 thousand)	-	-	5.61	5,987,936	Yes	No	Yes
		Taita Chemical (Tianjin) Co., Ltd.	100% voting shares indirectly owned by the Company	5,987,936	460,725 (US$ 15,000 thousand)	460,725 (US$ 15,000 thousand)	153,575 (US$ 5,000 thousand)	-	11.54	5,987,936	Yes	No	Yes

Note 1: The foreign currency amount is calculated based on the spot exchange rate as of December 31, 2018.

Note 2: The maximum total endorsement/guarantee shall not exceed 150% of the equity attributable to owners of the Company. The maximum of endorsement/guarantee was calculated based on the equity of the Company as of December 31, 2018.

The maximum total endorsement/guarantee shall not exceed 200% of the equity attributable to owners of the entities. The maximum of endorsement/guarantee was calculated based on the equity of the Company as of December 31, 2018.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

MARKETABLE SECURITIES HELD (NOT INCLUDING SUBSIDIARY AND AFFILIATED COMPANIES)
DECEMBER 31, 2018
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

Holding Company Name	Type and Name of Marketable Securities	Relationship with the Holding Company	Financial Statement Account	December 31, 2018					Note
				Number of Shares	Carrying Amount	Percentage of Ownership (%)	Fair Value	The Highest Number of Shares in the Year	
Taita Chemical Co., Ltd.	Ordinary shares								
	USI Corporation	Parent company	Financial assets at FVTOCI - non-current	15,109,901	$ 179,808	1.27	$ 179,808	15,109,901	Note 1
	Harbinger Venture Capital Corp.	-	Financial assets at FVTOCI - non-current	51,500	473	0.50	473	170,000	Notes 3 and 5
	Beneficiary securities								
	Cathay No. 1 Real Estate Investment Trust Fund	-	Financial assets at FVTPL - current	4,900,000	72,814	-	72,814	4,900,000	Note 1
	Cathay No. 2 Real Estate Investment Trust Fund	-	Financial assets at FVTPL - current	2,500,000	37,575	-	37,575	2,500,000	Note 1
	Shin Kong No. 1 Real Estate Investment Trust Fund	-	Financial assets at FVTPL - current	4,000,000	60,280	-	60,280	4,000,000	Note 1
	Fubon No. 2 Real Estate Investment Trust Fund	-	Financial assets at FVTPL - current	6,600,000	83,160	-	83,160	6,600,000	Note 1
	Mutual funds								
	Yuanta Wan Tat Money Market Fund	-	Financial assets at FVTPL - current	3,305,676	50,000	-	50,000	3,318,467	Note 2
	Jih Sun Money Market Fund	-	Financial assets at FVTPL - current	3,379,863	50,000	-	50,000	5,425,743	Note 2
	Nomura Money Market Fund		Financial assets at FVTPL - current	3,068,821	50,000	-	50,000	3,070,329	Note 2
Taita (BVI) Holding Co., Ltd.	Shares								
	Teratech Corporation - ordinary shares	-	Financial assets at FVTPL - non-current	112,000	-	0.72	-	112,000	Note 4
	Sohoware Inc. - preference shares	-	Financial assets at FVTPL - non-current	100,000	-	-	-	100,000	Note 4
	Budworth Investment Ltd. - ordinary shares	-	Financial assets at FVTOCI - non-current	127,980	2,555 (US$ 83 thousand)	2.22	2,555 (US$ 83 thousand)	127,980	Note 3

Note 1: Fair value was based on the closing price of the Taiwan Stock Exchange as of December 31, 2018.

Note 2: Fair value was based on the carrying amount as of December 31, 2018.

Note 3: The Group utilizes the asset approach and takes into account the most recent net asset value, observable financial status as well as the financing activities of investees in order to determine their net asset value.

Note 4: As of December 31, 2018, the Group evaluates the fair value of the equity instrument as $0.

Note 5: The investee, Harbinger, announced a reduction of capital by returning cash in April 2018. The Group received $1,185 thousand according to its ownership percentage.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

MARKETABLE SECURITIES ACQUIRED AND DISPOSED OF AT COSTS OR PRICES OF AT LEAST NT$300 MILLION OR 20% OF THE PAID-IN CAPITAL
FOR THE YEAR ENDED DECEMBER 31, 2018
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

Company Name	Type and Name of Marketable Securities	Financial Statement Account	Counterparty	Relationship	Beginning Balance		Acquisition		Disposal				Ending Balance	
					Number of Shares	Amount (Note)	Number of Shares	Amount	Number of Shares	Amount	Carrying Amount	Gain (Loss) on Disposal	Number of Shares	Amount (Note)
Taita Chemical Co., Ltd.	Mutual funds Yuanta De-Bao Money Market Fund	Financial assets at FVTPL	-	-	-	$ -	27,822,544	$ 333,000	27,822,544	$ 333,038	$ 333,000	$ 38	-	$ -

Note: The original investment amount is shown without adjustments for fair values.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

TOTAL PURCHASES FROM OR SALES TO RELATED PARTIES AMOUNTING TO AT LEAST NT$100 MILLION OR 20% OF THE PAID-IN CAPITAL
FOR THE YEAR ENDED DECEMBER 31, 2018
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

Buyer	Related Party	Relationship	Transaction Details				Abnormal Transaction		Notes/Accounts Receivable (Payable)		Note
			Purchase/ Sale	Amount	% of Total	Payment Terms	Unit Price	Payment Terms	Financial Statement Account and Ending Balance	% of Total	
Taita Chemical Co., Ltd.	Taita Chemical (Zhongshan) Co., Ltd.	Subsidiary	Sales	$ (1,603,160) (US$ -53,509 thousand)	(10.73)	30 days	Note 1	Note 1	Accounts receivable from related parties $ -	-	Note 2
	Taita Chemical (Tianjin) Co., Ltd.	Subsidiary	Sales	(201,301) (US$ -6,662 thousand)	(1.35)	30 days	Note 1	Note 1	Accounts receivable from related parties 122,547 (US$ 3,990 thousand)	7.22	Note 2
	USI Trading (Shanghai) Co., Ltd.	Subsidiary of fellow subsidiary	Sales	(104,456) (US$ -2,433 thousand) (RMB -6,963 thousand)	(0.70)	90 days	Note 1	Note 1	Accounts receivable from related parties 31,162 (RMB 6,963 thousand)	1.83	-

Note 1: The sales price and payment terms of the intercompany and related party sales and purchases were not significantly different from those with third parties.

Note 2: The amount was eliminated upon consolidation and based on audited financial statements.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

RECEIVABLES FROM RELATED PARTIES AMOUNTING TO AT LEAST NT$100 MILLION OR 20% OF THE PAID-IN CAPITAL
DECEMBER 31, 2018
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

Company Name	Related Party	Relationship	Financial Statement Account and Ending Balance (Note 4)		Turnover Rate	Overdue		Amounts Received in Subsequent Period (Note 3)	Allowance for Impairment Loss
						Amount	Actions Taken		
Taita Chemical Co., Ltd.	Taita Chemical (Tianjin) Co., Ltd.	Subsidiary	Accounts receivables	122,547 (US$ 3,990 thousand) (Note 1)	-	$ -	-	$ -	$ -
			Other receivables	173,988 (US$ 5,665 thousand) (Note 1)	-	-	-	-	-
Taita Chemical (Zhongshan) Co., Ltd.	Taita Chemical (Tianjin) Co., Ltd.	Fellow subsidiary	Other receivables	279,905 (RMB 62,544 thousand) (Note 2)	-	-	-	-	-

Note 1: The total amount of accounts receivable and other receivables of Taita Chemical Co., Ltd. stems from selling raw materials to Taita Chemical (Tianjin) Co., Ltd.

Note 2: The total amount of other receivables of Taita Chemical (Zhongshan) Co., Ltd. from Taita Chemical (Tianjin) Co., Ltd. includes the amount of financing provided, interest receivables and rental receivables.

Note 3: The amount is not received in the subsequent period means the collection made from January 1, 2019 to March 6, 2019.

Note 4: The amount was eliminated upon consolidation and based on audited financial statements.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

INFORMATION ON INVESTEES
FOR THE YEAR ENDED DECEMBER 31, 2018
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		As of December 31, 2018			Net Income (Loss) of the Investee	Share of Profits (Loss)	Note 1
				December 31, 2018	December 31, 2017	Number of Shares	%	Carrying Amount			
Taita Chemical Co., Ltd.	Taita (BVI) Holding Co., Ltd.	British Virgin Islands	Reinvestment	$ 1,896,283 (US$ 61,738 thousand)	$ 1,896,283 (US$ 61,738 thousand)	61,738,000	100.00	$ 1,440,314 (US$ 46,852 thousand)	$ 55,742 (US$ 1,959 thousand)	$ 55,742 (US$ 1,959 thousand)	Subsidiary (Note 2)
	China General Plastics Corporation	Taiwan	Manufacture and marketing of PVC plastic cloth and three-time processed products	65,365	65,365	10,043,760	1.98	165,982	1,276,156	25,293	Investments accounted for using the equity method
	China General Terminal & Distribution Co.	Taiwan	Warehousing and transportation of petro chemical raw materials	41,082	41,082	18,667,463	33.33	228,250	(75,720)	(25,240)	Investments accounted for using the equity method
	Acme Electronics Corp.	Taiwan	Manufacture and marketing of manganese-zinc and ferrite core	44,771	44,771	4,445,019	2.44	34,003	56,187	1,369	Investments accounted for using the equity method
	Thintec Materials Corporation	Taiwan	Manufacture and marketing of reinforced plastic products	15,000	15,000	600,000	10.00	1,452	(10,525)	(1,052)	Investments accounted for using the equity method
Taita (BVI) Holding Co., Ltd.	Acme Electronics (Cayman) Corp.	Cayman Islands	Reinvestment	52,217 (US$ 1,700 thousand)	52,217 (US$ 1,700 thousand)	2,695,619	5.39	69,303 (US$ 2,256 thousand)	164,621 (US$ 5,626 thousand)		Investments accounted for using the equity method

Note 1: The amount of the investee was based on audited financial statements.

Note 2: The amount was eliminated upon consolidation and based on audited financial statements.

Note 3: Investments in mainland China are included in Table 8.

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

INFORMATION ON INVESTMENTS IN MAINLAND CHINA
FOR THE YEAR ENDED DECEMBER 31, 2018
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

Investee Company	Main Businesses and Products	Paid-in Capital	Method of Investment	Accumulated Outward Remittance for Investment from Taiwan as of January 1, 2018	Investment Flows		Accumulated Outward Remittance for Investment from Taiwan as of December 31, 2018	Net Income (Loss) of the Investee (Note 5)	% Ownership of Direct or Indirect Investment	Investment Gain (Loss) (Note 5)	Carrying Amount as of December 31, 2018 (Note 5)	Accumulated Repatriation of Investment Income as of December 31, 2018
					Outflow	Inflow						
Taita Chemical (Zhongshan) Co., Ltd. ("TTC (ZS)")	Production and marketing of polystyrene derivatives	$ 1,420,569 (US$ 46,250 thousand) (Note 1)	Investment through a holding company registered in a third region	$ 1,320,745 (US$ 43,000 thousand)	$ -	$ -	$ 1,320,745 (US$ 43,000 thousand)	$ 216,260 (US$ 7,219 thousand)	100.00	$ 216,260 (US$ 7,219 thousand) (Note 6)	$ 2,095,315 (US$ 68,218 thousand) (Note 6)	$ -
Taita Chemical (Tianjin) Co., Ltd. ("TTC (TJ)")	Production and marketing of polystyrene derivatives	840,055 (US$ 27,350 thousand) (Note 2)	Investment through a holding company registered in a third region	798,590 (US$ 26,000 thousand)	-	-	798,590 (US$ 26,000 thousand)	(144,178) (US$ -4,729 thousand)	100.00	(144,189) (US$ -4,729 thousand) (Note 6)	42,749 (US$ 1,392 thousand) (Note 6)	-
ACME Electronics (Kunshan) Co., Ltd. ("ACME (KS)")	Manufacturing and marketing of manganese-zinc soft ferrite core	943,718 (US$ 30,725 thousand)	Investment through a holding company registered in a third region	41,589 (US$ 1,354 thousand)	-	-	41,589 (US$ 1,354 thousand)	150,562 (US$ 5,163 thousand)	5.39	8,115 (US$ 278 thousand)	45,621 (US$ 1,485 thousand)	-

Accumulated Outward Remittance for Investment in Mainland China as of December 31, 2018	Investment Amounts Authorized by Investment Commission, MOEA	Upper Limit on the Amount of Investment Stipulated by Investment Commission, MOEA
$ 2,160,924 (US$ 70,354 thousand)	$ 2,328,729 (US$ 75,817 thousand) (Note 3)	$ 2,395,174 (Note 4)

Note 1: TTC (ZS) resolved to issue share dividends of US$3,250 thousand in 2007.

Note 2: TTC (TJ) resolved to issue share dividends of US$1,350 thousand in 2012.

Note 3: The amount distributed from share dividends included US$3,250 thousand from TTC (ZS), US$1,350 thousand from TTC (TJ) and US$802 thousand from ACME (KS).

Note 4: The limit cannot exceed 60% of Taita Chemical Co., Ltd.'s net asset value as of December 31, 2018.

Note 5: The basis for investment income (loss) recognition is from financial statements audited and attested by the parent company's ROC-based CPA.

Note 6: The amount was eliminated upon consolidation and based on audited financial statements.

<u>**TABLE 9**</u>

TAITA CHEMICAL CO., LTD. AND SUBSIDIARIES

INTERCOMPANY RELATIONSHIPS AND SIGNIFICANT INTERCOMPANY TRANSACTIONS
FOR THE YEAR ENDED DECEMBER 31, 2018
(In Thousands of New Taiwan Dollars)

No.	Investee Company	Counterparty	Direction of Transaction by Relationship	Transactions Details			
				Financial Statement Accounts	Amount (Note 3)	Payment Terms (Note 1)	% of Total Sales or Assets (Note 2)
0	Taita Chemical Co., Ltd.	Taita (BVI) Holding Co., Ltd.	The Company to subsidiary	Other receivables from related parties	$ 287	-	-
		Taita Chemical (Zhongshan) Co., Ltd.	The Company to subsidiary	Operating revenue	1,603,160	-	7.39
		Taita Chemical (Tianjin) Co., Ltd.	The Company to subsidiary	Accounts receivables from related parties	122,547	-	1.40
				Other receivables from related parties	173,988	-	1.99
				Operating revenue	201,301	-	0.93
						-	
1	Taita (BVI) Holding Co., Ltd.	Taita Chemical (Tianjin) Co., Ltd.	The Company to subsidiary	Other payables from related parties	4,607	-	0.05
2	Taita Chemical (Zhongshan) Co., Ltd.	Taita Chemical (Tianjin) Co., Ltd.	Subsidiary to subsidiary	Other receivables to related parties	279,905	-	3.21
				Accounts payable to related parties	1,978	-	0.02
				Operating cost	7,235	-	0.03
				Interest income	13,236	-	0.06
				Rental income	219	-	-

Note 1: The sales price and payment terms of the intercompany and related party sales and purchases were not significantly different from those with third parties.

Note 2: For assets and liabilities, the amount is shown as a percentage of the consolidated total assets as of December 31, 2018, while revenue, costs and expenses are shown as a percentage of the consolidated revenues for the year ended December 31, 2018.

Note 3: The amount was eliminated upon consolidation and based on audited financial statements.