

**FORMOSA CHEMICALS & FIBRE
CORPORATION AND SUBSIDIARIES
CONSOLIDATED FINANCIAL STATEMENTS AND
REPORT OF INDEPENDENT ACCOUNTANTS
DECEMBER 31, 2019 AND 2018**

For the convenience of readers and for information purpose only, the auditors' report and the accompanying financial statements have been translated into English from the original Chinese version prepared and used in the Republic of China. In the event of any discrepancy between the English version and the original Chinese version or any differences in the interpretation of the two versions, the Chinese-language auditors' report and financial statements shall prevail.

**FORMOSA CHEMICALS & FIBRE CORPORATION
AND SUBSIDIARIES**

INDEX

Items	Pages
Index	
Report of Independent Accountants	1-7
Consolidated Balance Sheets	8-9
Consolidated Statements of Comprehensive Income	10-11
Consolidated Statements of Changes in Equity	12-13
Consolidated Statements of Cash Flows	14-15
Notes to Consolidated Financial Statements	16-114

REPORT OF INDEPENDENT ACCOUNTANTS TRANSLATED FROM CHINESE

PWCR19000297

To the Board of Directors and Shareholders of Formosa Chemicals & Fibre Corporation

Introduction

We have audited the accompanying consolidated balance sheets of Formosa Chemicals & Fibre Corporation and its subsidiaries (the “Group”) as at December 31, 2019 and 2018, and the related consolidated statements of comprehensive income, of changes in equity and of cash flows for the years then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, based on our audits and the reports of other independent accountants, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as at December 31, 2019 and 2018, 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 the International Financial Reporting Standards, International Accounting Standards, IFRIC Interpretations, and SIC Interpretations as endorsed by the Financial Supervisory Commission.

Basis for opinion

We conducted our audits in accordance with the “Regulations Governing Auditing and Attestation of Financial Statements by Certified Public Accountants” and generally accepted auditing standards in the Republic of China (ROC GAAS). Our responsibilities under those standards are further described in the Auditor’s Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are independent of the Group in accordance with the Code of Professional Ethics for Certified Public Accountants in the Republic of China (the “Code”), and we have fulfilled our other ethical responsibilities in accordance with the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis 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 of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole and, in forming our opinion thereon, we do not provide a separate opinion on these matters

Assessment of loss allowance for accounts receivable

Description

Refer to Note 4(10) for accounting policy on accounts receivable, Note 5(2) for uncertainty of accounting estimates and assumptions in relation to impairment of accounts receivable, and Note 6(4) for details of loss allowance for accounts receivable. As of December 31, 2019, the Group's accounts receivable amounted to NT\$21,188,124 thousand, net of loss allowance in the amount of NT\$284,724 thousand.

The Group assessed expected credit impairment loss on accounts receivable based on historical experience, forward-looking information and known reason or existing objective evidences. For those accounts which are considered uncollectible, the Company recognised impairment with a credit to accounts receivable. Management evaluates the reasonableness of estimated provision periodically. As the estimation of loss allowance is subject to management's judgement and business indicators, the amount of provision is based on the collectability of accounts receivable, and considering that accounts receivable and loss allowance are material to the financial statements, we consider the loss allowance for accounts receivable a key audit matter.

How our audit addressed the matter

We performed the following audit procedures in respect of the above key audit matter:

1. Obtained the overdue aging report used when management assessed the expected credit impairment loss, assessed whether the logic of data source was consistently applied, and tested its accuracy with proper documents.
2. Assessed the reasonableness of estimates used by management in calculating expected credit impairment loss and obtained supporting documents, including forward-looking information, disputed accounts, overdue accounts, subsequent collection, and other indications that would show the customer would be unable to repay on schedule.

3. Performed subsequent collection test in order to verify the adequacy of loss allowance provided for accounts receivable.

Evaluation of inventories

Description

Refer to Note 4(12) for accounting policy on inventory valuation, Note 5(2) for accounting estimates and assumption uncertainty in relation to inventory valuation, and Note 6(5) for detailed information on allowance for inventory valuation losses. As of December 31, 2019, the inventory and allowance for inventory valuation losses were NT\$43,048,548 thousand and NT\$1,779,284 thousand, respectively.

The Group is primarily engaged in the manufacture and sales of petrochemical plastic products, fibers weaving and cords. As the price of petrochemical plastic products is subject to the fluctuations in international crude oil price, and the textile market is competitive, there is a higher risk for inventory valuation loss. The Group recognises inventories at the lower of cost and net realisable value, and the net realisable value is calculated based on average price less selling expenses. Since the net realisable value used in inventory valuation involves subjective judgement and high uncertainty in estimation, and the allowance for inventory valuation losses is material to the financial statements, we considered the allowance for inventory valuation losses as a key audit matter.

How our audit addressed the matter

We performed the following audit procedures in respect of the above key audit matter:

1. Assessed the reasonableness of policies and procedures on allowance for inventory valuation loss, including the reasonableness of classification of inventory in determining the net realisable value.
2. Understood the Group's warehousing control procedures. Reviewed the annual physical inventory count plan and participated in the annual inventory count in order to assess the effectiveness of the classification of inventory and internal control over inventory.
3. Checked the method in calculating the net realisable value of inventory and assessed the reasonableness of allowance for valuation loss.

Other matter – audits of the other independent accountants

We did not audit the financial statements of a wholly-owned consolidated subsidiary and certain investments accounted for under the equity method, which statements reflect total assets (including investments accounted for under equity method) of NT\$151,374,296 thousand and NT\$153,033,742 thousand, constituting 27% and 26% of consolidated total assets as of December 31, 2019 and 2018, respectively, operating income of NT\$32,963,852 thousand and NT\$37,429,243 thousand, constituting 10% and 9% of consolidated total operating income for the years then ended, respectively, and comprehensive income of NT\$8,097,645 thousand and NT\$12,222,715 thousand, constituting 35% and 31% of consolidated total comprehensive income for the years then ended, respectively. Those financial statements were audited by other independent accountants whose reports thereon have been furnished to us, and our opinion expressed herein insofar as it relates to the amounts included in the financial statements relative to the subsidiary and investee companies, is based solely on the audit reports of the other independent accountants.

Other matter – parent company only financial statements

We have audited the parent company only financial statements of Formosa Chemicals & Fibre Corporation as of and for the years ended December 31, 2019 and 2018, and have expressed an unqualified opinion on such financial statements.

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 the International Financial Reporting Standards, International Accounting Standards, IFRIC Interpretations, and SIC Interpretations as endorsed by the Financial Supervisory Commission, 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 audit committee, are responsible for overseeing the Group's financial reporting process.

Auditor's responsibilities for the audit of the consolidated financial statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ROC GAAS 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 ROC GAAS, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

1. Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
2. Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
3. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.

4. Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
5. Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
6. Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

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

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

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

Wu, Han-Chi

Chou, Chien-Hung

For and on behalf of PricewaterhouseCoopers, Taiwan

March 13, 2020

The accompanying consolidated financial statements are not intended to present the financial position and results of operations and cash flows in accordance with accounting principles generally accepted in countries and jurisdictions other than the Republic of China. The standards, procedures and practices in the Republic of China governing the audit of such financial statements may differ from those generally accepted in countries and jurisdictions other than the Republic of China. Accordingly, the accompanying consolidated financial statements and report of independent accountants are not intended for use by those who are not informed about the accounting principles or auditing standards generally accepted in the Republic of China, and their applications in practice.

As the financial statements are the responsibility of the management, PricewaterhouseCoopers cannot accept any liability for the use of, or reliance on, the English translation or for any errors or misunderstandings that may derive from the translation.

FORMOSA CHEMICALS & FIBRE CORPORATION AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS
(Expressed in thousands of New Taiwan dollars)

Assets		Notes	December 31, 2019		December 31, 2018	
			AMOUNT	%	AMOUNT	%
Current assets						
1100	Cash and cash equivalents	6(1)	\$ 15,099,252	3	\$ 31,209,809	5
1110	Financial assets at fair value through profit or loss - current	6(2)	4,044,087	1	4,496,354	1
1120	Current financial assets at fair value through other comprehensive income	6(3)	110,143,905	20	104,751,478	18
1140	Current contract assets	6(19)	-	-	788,643	-
1150	Notes receivable, net	6(4)	6,898,955	1	15,086,776	3
1160	Notes receivable - related parties	6(4) and 7	6,395	-	4,429	-
1170	Accounts receivable, net	6(4)	16,050,769	3	20,920,208	4
1180	Accounts receivable - related parties	6(4) and 7	5,137,355	1	8,471,495	1
1200	Other receivables	7	7,781,218	1	8,185,916	1
1210	Other receivables - related parties	7	12,798,836	2	11,376,802	2
130X	Inventory	6(5)	41,269,264	8	42,405,175	7
1470	Other current assets	7	6,952,598	1	7,312,461	1
11XX	Total current assets		226,182,634	41	255,009,546	43
Non-current assets						
1517	Non-current financial assets at fair value through other comprehensive income	6(3)	67,540,577	12	82,170,244	14
1550	Investments accounted for under equity method	6(6) and 7	118,395,626	22	114,476,472	19
1600	Property, plant and equipment	6(7) and 7	124,671,052	23	129,098,640	22
1755	Right-of-use assets	6(8)	1,645,199	-	-	-
1780	Intangible assets		1,288	-	586	-
1840	Deferred income tax assets	6(25)	2,447,969	-	2,312,859	-
1900	Other non-current assets		9,664,672	2	8,432,585	2
15XX	Total non-current assets		324,366,383	59	336,491,386	57
1XXX	Total assets		\$ 550,549,017	100	\$ 591,500,932	100

(Continued)

FORMOSA CHEMICALS & FIBRE CORPORATION AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS
(Expressed in thousands of New Taiwan dollars)

Liabilities and Equity		Notes	December 31, 2019		December 31, 2018	
			AMOUNT	%	AMOUNT	%
Current liabilities						
2100	Short-term borrowings	6(10)	\$ 32,369,623	6	\$ 31,948,041	5
2110	Short-term notes and bills payable	6(10)	14,396,370	3	12,490,543	2
2120	Financial liabilities at fair value through profit or loss - current	6(11)	80	-	774	-
2150	Notes payable		225,514	-	255,580	-
2170	Accounts payable		6,363,844	1	5,916,930	1
2180	Accounts payable - related parties	7	11,377,993	2	15,898,101	3
2200	Other payables	7	9,603,144	2	12,264,130	2
2230	Current income tax liabilities		1,156,151	-	5,014,075	1
2280	Current lease liabilities		158,053	-	-	-
2320	Long-term liabilities, current portion	6(12)(13)	6,687,482	1	16,555,497	3
2399	Other current liabilities		4,794,415	1	5,891,945	1
21XX	Total current liabilities		87,132,669	16	106,235,616	18
Non-current liabilities						
2530	Corporate bonds payable	6(12)	32,100,000	6	27,850,000	5
2540	Long-term borrowings	6(13)	14,114,083	3	16,751,958	3
2570	Deferred income tax liabilities	6(25)	426,880	-	351,022	-
2580	Non-current lease liabilities		750,716	-	-	-
2600	Other non-current liabilities	6(14)	6,733,706	1	6,989,837	1
25XX	Total non-current liabilities		54,125,385	10	51,942,817	9
2XXX	Total liabilities		141,258,054	26	158,178,433	27
Equity attributable to owners of parent						
Share capital		6(15)				
3110	Common stock		58,611,863	11	58,611,863	10
Capital surplus		6(16)				
3200	Capital surplus		9,138,869	2	9,084,142	1
Retained earnings		6(17)				
3310	Legal reserve		61,364,852	11	56,487,920	9
3320	Special reserve		60,171,925	11	53,131,385	9
3350	Unappropriated retained earnings		64,990,184	12	84,098,904	14
Other equity interest		6(18)				
3400	Other equity interest		102,560,930	18	108,933,674	19
3500	Treasury stocks	6(15)	(323,952)	-	(539,014)	-
31XX	Equity attributable to owners of the parent		356,514,671	65	369,808,874	62
36XX	Non-controlling interest		52,776,292	9	63,513,625	11
3XXX	Total equity		409,290,963	74	433,322,499	73
Significant contingent liabilities and unrecognised contract commitments		9				
Significant events after the balance sheet date		11				
3X2X	Total liabilities and equity		\$ 550,549,017	100	\$ 591,500,932	100

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

FORMOSA CHEMICALS & FIBRE CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(Expressed in thousands of New Taiwan dollars, except for earnings per share amounts)

			For the years ended December 31			
			2019		2018	
			AMOUNT	%	AMOUNT	%
Items	Notes					
4000	Operating revenue	6(19) and 7	\$ 315,499,063	100	\$ 399,074,240	100
5000	Operating costs	6(5)(14)(23)(24) and 7	(283,442,024)	(90)	(347,236,195)	(87)
5900	Net operating margin		32,057,039	10	51,838,045	13
	Operating expenses	6(14)(23)(24) and 7				
6100	Selling expenses		(9,478,091)	(3)	(9,173,135)	(2)
6200	General and administrative expenses		(6,088,992)	(2)	(5,889,442)	(2)
6000	Total operating expenses		(15,567,083)	(5)	(15,062,577)	(4)
6900	Operating profit		16,489,956	5	36,775,468	9
	Non-operating income and expenses					
7010	Other income	6(20) and 7	11,543,840	4	11,570,164	3
7020	Other gains and losses	6(21)	1,694,104	1	881,934	-
7050	Finance costs	6(7)(22) and 7	(1,834,684)	(1)	(2,299,698)	-
7060	Share of profit of associates and joint ventures accounted for under equity method	6(6)	9,214,254	3	15,037,424	4
7000	Total non-operating income and expenses		20,617,514	7	25,189,824	7
7900	Profit before income tax		37,107,470	12	61,965,292	16
7950	Income tax expense	6(25)	(3,861,643)	(1)	(7,944,567)	(2)
8000	Profit for the year from continuing operations		33,245,827	11	54,020,725	14
8100	Profit from discontinued operations	6(9)	1,202,530	-	1,420,293	-
8200	Profit for the year		\$ 34,448,357	11	\$ 55,441,018	14

(Continued)

FORMOSA CHEMICALS & FIBRE CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(Expressed in thousands of New Taiwan dollars, except for earnings per share amounts)

Items	Notes	For the years ended December 31			
		2019		2018	
		AMOUNT	%	AMOUNT	%
Other comprehensive income (net)	6(18)(25)				
Components of other comprehensive income that will not be reclassified to profit or loss					
8311 Actuarial losses on defined benefit plans		(\$ 354,337)	-	(\$ 165,987)	-
8316 Unrealised loss (gain) on financial assets measured at fair value through other comprehensive income		327,244	-	10,354,331	(2)
8320 Share of other comprehensive loss of associates and joint ventures accounted for using equity method		(7,884,276)	(3)	(6,405,415)	(2)
8310 Other comprehensive loss that will not be reclassified to profit or loss		(7,911,369)	(3)	(16,925,733)	(4)
Components of other comprehensive income that will be reclassified to profit or loss					
8361 Financial statements translation differences of foreign operations		(3,068,798)	(1)	(45,862)	-
8370 Share of other comprehensive (loss) income of associates and joint ventures accounted for under equity method		(657,412)	-	489,240	-
8399 Income tax relating to the components of other comprehensive income		542,926	-	116,104	-
8360 Other comprehensive (loss) income that will be reclassified to profit or loss		(3,183,284)	(1)	559,482	-
8300 Total other comprehensive loss for the year		(\$ 11,094,653)	(4)	(\$ 16,366,251)	(4)
8500 Total comprehensive income for the year		\$ 23,353,704	7	\$ 39,074,767	10
Net income attributable to:					
8610 Owners of the parent		\$ 29,702,242	9	\$ 48,769,317	12
8620 Non-controlling interest		4,746,115	2	6,671,701	2
		<u>\$ 34,448,357</u>	<u>11</u>	<u>\$ 55,441,018</u>	<u>14</u>
Total comprehensive income attributable to:					
8710 Owners of the parent		\$ 22,873,505	7	\$ 33,258,356	9
8720 Non-controlling interest		480,199	-	5,816,411	1
		<u>\$ 23,353,704</u>	<u>7</u>	<u>\$ 39,074,767</u>	<u>10</u>
		Before Tax	After Tax	Before Tax	After Tax
Basic earnings per share	6(26)				
9710 Profit for the year from continuing operations		\$ 6.62	\$ 5.91	\$ 10.92	\$ 9.50
Profit for the year from discontinued operations		(0.26)	(0.20)	(0.30)	(0.24)
9720 Non-controlling interest		(1.15)	(0.82)	(1.60)	(1.14)
9750 Profit attributable to common shareholders of the parent		<u>\$ 5.21</u>	<u>\$ 4.89</u>	<u>\$ 9.02</u>	<u>\$ 8.12</u>
Assuming shares held by subsidiary are not deemed as treasury stock:					
Profit for the year from continuing operations		\$ 6.59	\$ 5.88	\$ 10.87	\$ 9.46
Profit for the year from discontinued operations		(0.26)	(0.21)	(0.30)	(0.24)
Non-controlling interest		(1.15)	(0.81)	(1.60)	(1.14)
Profit attributable to common shareholders of the parent		<u>\$ 5.18</u>	<u>\$ 4.86</u>	<u>\$ 8.97</u>	<u>\$ 8.08</u>

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

FORMOSA CHEMICALS & FIBRE CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(Expressed in thousands of New Taiwan dollars)

		Equity attributable to owners of the parent													
		Retained Earnings					Other Equity Interest								
		Common stock	Total capital surplus, additional paid-in capital	Legal reserve	Special reserve	Unappropriated retained earnings	Financial statements translation differences of foreign operations	Unrealised gains (losses) from financial assets measured at fair value through other comprehensive income	Gains (losses) on effective portion of cash flow hedges	Unrealised gain or loss on available-for-sale financial assets	Gains (losses) on hedging instruments	Treasury stocks	Total	Non-controlling interest	Total equity
Notes															
For the year ended December 31, 2018															
		\$ 58,611,863	\$ 8,682,798	\$ 51,046,840	\$ 46,567,089	\$ 84,218,728	(\$ 2,052,251)	\$ -	\$ -	\$ 111,213,200	\$ 8,077	(\$ 626,468)	\$ 357,669,876	\$ 60,831,200	\$ 418,501,076
	Effects of retrospective application and retrospective restatement	-	-	-	-	5,114,398	-	125,624,639	-	(111,213,200)	-	-	19,525,837	65,223	19,591,060
	Balance at January 1 after adjustments	58,611,863	8,682,798	51,046,840	46,567,089	89,333,126	(2,052,251)	125,624,639	-	-	8,077	(626,468)	377,195,713	60,896,423	438,092,136
	Profit for the year	-	-	-	-	48,769,317	-	-	-	-	-	-	48,769,317	6,671,701	55,441,018
	Other comprehensive income (loss) for the year	-	-	-	-	(188,215)	239,000	(15,537,804)	-	-	(23,942)	-	(15,510,961)	(855,290)	(16,366,251)
	Total comprehensive income	-	-	-	-	48,581,102	239,000	(15,537,804)	-	-	(23,942)	-	33,258,356	5,816,411	39,074,767
	Appropriations of 2017 earnings														
	Legal reserve	-	-	5,441,080	-	(5,441,080)	-	-	-	-	-	-	-	-	-
	Special reserve	-	-	-	6,564,296	(6,564,296)	-	-	-	-	-	-	-	-	-
	Cash dividends	-	-	-	-	(41,028,304)	-	-	-	-	-	-	(41,028,304)	-	(41,028,304)
	Dividends paid to subsidiaries to adjust capital surplus	-	58,076	-	-	-	-	-	-	-	-	-	58,076	-	58,076
	Changes in net interest of associates recognised under the equity method	-	(22,638)	-	-	-	-	-	-	-	-	-	(22,638)	-	(22,638)
	Expired cash dividends reclassified to capital surplus	-	2,178	-	-	-	-	-	-	-	-	-	2,178	-	2,178
	Expired dividends paid from capital surplus	-	(532)	-	-	-	-	-	-	-	-	-	(532)	-	(532)
	Cash dividends paid by consolidated subsidiaries	-	-	-	-	-	-	-	-	-	-	-	-	(4,729,511)	(4,729,511)
	Shares returned from reduction in consolidated subsidiaries	-	-	-	-	-	-	-	-	-	-	-	-	(12,536)	(12,536)
	Adjustments in treasury stocks due to changes in proportion to its ownership interests in subsidiaries	-	-	-	-	-	-	-	-	-	-	87,454	87,454	-	87,454
	Changes in ownership interests in subsidiaries	-	364,260	-	-	(105,892)	-	-	-	-	-	-	258,368	488,282	746,650
	Disposal of equity instruments measured at fair value through other comprehensive income	-	-	-	-	(675,752)	-	675,955	-	-	-	-	203	(1,128,807)	(1,128,604)
	Increase in non-controlling interest-disposal of ownership interests in subsidiaries	-	-	-	-	-	-	-	-	-	-	-	-	2,183,363	2,183,363
	Balance at December 31, 2018	\$ 58,611,863	\$ 9,084,142	\$ 56,487,920	\$ 53,131,385	\$ 84,098,904	(\$ 1,813,251)	\$ 110,762,790	\$ -	\$ -	(\$ 15,865)	(\$ 539,014)	\$ 369,808,874	\$ 63,513,625	\$ 433,322,499

(Continued)

FORMOSA CHEMICALS & FIBRE CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(Expressed in thousands of New Taiwan dollars)

		Equity attributable to owners of the parent													
		Retained Earnings					Other Equity Interest								
			Total capital surplus, additional paid-in capital	Legal reserve	Special reserve	Unappropriated retained earnings	Financial statements translation differences of foreign operations	Unrealised gains (losses) from financial assets measured at fair value through other comprehensive income	Gains (losses) on effective portion of cash flow hedges	Unrealised gain or loss on available-for-sale financial assets	Gains (losses) on hedging instruments	Treasury stocks	Total	Non-controlling interest	Total equity
Notes		Common stock													
For the year ended December 31, 2019															
		\$ 58,611,863	\$ 9,084,142	\$ 56,487,920	\$ 53,131,385	\$ 84,098,904	(\$ 1,813,251)	\$ 110,762,790	\$ -	\$ -	(\$ 15,865)	(\$ 539,014)	\$ 369,808,874	\$ 63,513,625	\$ 433,322,499
		-	-	-	-	29,702,242	-	-	-	-	-	-	29,702,242	4,746,115	34,448,357
Other comprehensive income (loss) for the year	6(18)	-	-	-	-	(454,682)	(2,747,355)	(3,643,224)	-	-	16,524	-	(6,828,737)	(4,265,916)	(11,094,653)
Total comprehensive income		-	-	-	-	29,247,560	(2,747,355)	(3,643,224)	-	-	16,524	-	22,873,505	480,199	23,353,704
Appropriations of 2018 earnings	6(17)														
Legal reserve		-	-	4,876,932	-	(4,876,932)	-	-	-	-	-	-	-	-	-
Special reserve		-	-	-	7,040,540	(7,040,540)	-	-	-	-	-	-	-	-	-
Cash dividends		-	-	-	-	(36,339,355)	-	-	-	-	-	-	(36,339,355)	-	(36,339,355)
Changes in net interest of associates recognised under the equity method	6(16)	-	(4,649)	-	-	-	-	-	-	-	-	-	(4,649)	-	(4,649)
Expired cash dividends reclassified to capital surplus	6(16)	-	6,869	-	-	-	-	-	-	-	-	-	6,869	-	6,869
Dividends paid to subsidiaries to adjust capital surplus	6(16)	-	44,726	-	-	-	-	-	-	-	-	-	44,726	-	44,726
Expired dividends paid from capital surplus	6(16)	-	(156)	-	-	-	-	-	-	-	-	-	(156)	-	(156)
Changes in ownership interests in subsidiaries	6(16)	-	7,937	-	-	(98,142)	-	-	-	-	-	-	(90,205)	13,282	(76,923)
Disposal of equity instruments measured at fair value through other comprehensive income		-	-	-	-	(1,311)	-	1,311	-	-	-	-	-	467	467
Cash dividends paid by consolidated subsidiaries		-	-	-	-	-	-	-	-	-	-	-	-	(5,185,510)	(5,185,510)
Adjustments in treasury stocks due to changes in proportion to its ownership interests in subsidiaries		-	-	-	-	-	-	-	-	-	-	215,062	215,062	-	215,062
Increase in non-controlling interest-disposal of ownership interests in subsidiaries		-	-	-	-	-	-	-	-	-	-	-	-	(6,045,771)	(6,045,771)
Balance at December 31, 2019		\$ 58,611,863	\$ 9,138,869	\$ 61,364,852	\$ 60,171,925	\$ 64,990,184	(\$ 4,560,606)	\$ 107,120,877	\$ -	\$ -	\$ 659	(\$ 323,952)	\$ 356,514,671	\$ 52,776,292	\$ 409,290,963

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

FORMOSA CHEMICALS & FIBRE CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS
(Expressed in thousands of New Taiwan dollars)

		For the years ended December 31,	
	Notes	2019	2018
CASH FLOWS FROM OPERATING ACTIVITIES			
Profit from continuing operations before tax		\$ 37,107,470	\$ 61,965,292
Profit from discontinued operations before tax	6(9)	<u>1,526,054</u>	<u>1,750,953</u>
Profit before tax		38,633,524	63,716,245
Adjustments			
Adjustments to reconcile profit (loss)			
Depreciation	6(7)(8)(23)	14,881,648	14,431,281
Amortisation	6(24)	3,601,074	4,404,062
Net gain on financial assets and liabilities at fair value through profit or loss	6(21)	(29,303)	(217,379)
Interest expense	6(22)	1,840,275	2,299,699
Interest income	6(20)	(426,898)	(678,987)
Dividend income	6(20)	(10,027,034)	(9,633,949)
Gain on disposal of discontinued operations	6(9)	(2,016,760)	-
Share of profit or loss of associates accounted for under the equity method		(9,214,254)	(15,037,424)
Impairment loss on property, plant and equipment	6(7)(21)	-	313,855
Gain on disposal and scrap of property, plant and equipment	6(21)	(8,364)	(843,722)
Changes in operating assets and liabilities			
Changes in operating assets			
Contract assets-current		(550,812)	(297,011)
Notes receivable		8,186,536	(4,115,490)
Notes receivable-related parties		(1,966)	8,577
Accounts receivable		4,314,446	732,877
Accounts receivable-related parties		2,031,485	578,066
Other receivables		381,954	(808,302)
Inventories		691,546	(3,960,364)
Other current assets		292,395	(3,021,210)
Changes in operating liabilities			
Notes payable		(30,066)	56,062
Notes payable-related parties		41,545	-
Accounts payable		790,057	(1,583,233)
Accounts payable-related parties		(4,459,043)	(2,051,838)
Other payables		(1,807,792)	559,066
Other current liabilities		(1,087,240)	752,278
Accrued pension liabilities		<u>(136,101)</u>	<u>(365,335)</u>
Cash inflow generated from operations		45,890,852	45,237,824
Interest received		445,745	662,438
Dividends received		21,752,336	24,442,383
Interest paid		(1,926,634)	(2,331,390)
Income tax paid		<u>(7,149,771)</u>	<u>(7,379,703)</u>
Net cash flows from operating activities		59,012,528	60,631,552

(Continued)

FORMOSA CHEMICALS & FIBRE CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS
(Expressed in thousands of New Taiwan dollars)

		For the years ended December 31,	
	Notes	2019	2018
CASH FLOWS FROM INVESTING ACTIVITIES			
(Increase) decrease in other receivables-related parties		(\$ 1,422,034)	\$ 2,351,004
Acquisition of financial assets at fair value through profit or loss		(300,000)	-
Acquisition of financial assets at fair value through other comprehensive income		(320,901)	(2,442,128)
Proceeds from disposal of financial assets at fair value through profit or loss		780,875	926,098
Shares returned from reduction in financial assets at fair value through other comprehensive income		8,204	5,780
Proceeds from disposal of financial assets at fair value through other comprehensive income		445	771,198
Acquisition of investments accounted for under the equity method		(2,379,580)	(2,011,490)
Proceeds from disposal of subsidiaries	6(27)	1,556,230	-
Acquisition of property, plant and equipment	6(27)	(16,972,497)	(18,444,308)
Proceeds from disposal of property, plant and equipment		187,845	1,406,983
Acquisition of intangible assets		(1,031)	(130)
Increase in non-current assets		(6,554,233)	(3,229,177)
Net cash flows used in investing activities		(25,416,677)	(20,666,170)
CASH FLOWS FROM FINANCING ACTIVITIES			
Increase in short-term borrowings		421,582	8,805,907
Increase in short-term notes and bills payable		1,905,827	10,910,780
Decrease in other payables-related parties		-	(118,800)
Increase in corporate bonds payable		7,000,000	-
Increase in long-term borrowings		15,155,886	2,861,228
Payment of long-term borrowings		(23,993,392)	(12,207,924)
Payment of bonds payable		(6,200,000)	(5,700,000)
Payment of lease liabilities		(155,845)	-
(Decrease) increase in other non-current liabilities		(1,097)	8,749
(Decrease) increase in guarantee deposits		(26,729)	52,267
Payment of cash dividends	6(27)	(36,329,900)	(41,009,931)
Payment of expired cash dividends reclassified to capital surplus		(156)	(532)
Payment of cash dividends - non-controlling interest		(5,185,510)	(4,729,511)
Changes in ownership interests in subsidiaries		-	734,114
Changes in non-controlling interest		-	2,183,363
Net cash flows used in financing activities		(47,409,334)	(38,210,290)
Effect of foreign exchange translations		(2,297,074)	(229,882)
Net (decrease) increase in cash and cash equivalents		(16,110,557)	1,525,210
Cash and cash equivalents at beginning of year		31,209,809	29,684,599
Cash and cash equivalents at end of year		\$ 15,099,252	\$ 31,209,809

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

FORMOSA CHEMICALS & FIBRE CORPORATION AND SUBSIDIARIES
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEARS ENDED DECEMBER 31, 2019 AND 2018

(Expressed in thousands of New Taiwan dollars, except as otherwise indicated)

1. History and Organization

Formosa Chemicals & Fibre Corporation (the “Company”) was founded on March 5, 1965. The Company and its subsidiaries (together referred herein as the “Group”) now has eight business divisions, namely First Chemical Division, Petrochemicals Division, Third Chemical Division, Plastics Division, Textile Division, First Fiber Division and its subsidiaries, Second Fiber Division, and Engineering & Construction Division. The Group’s major businesses are production and sales of petrochemical products, including PTA, PS, AN, Butadiene, SM polymer, SM, benzene, toluene, p-xylene (PX) and o-xylene (OX), as well as nylon fiber, and rayon staple fiber. The Group is also engaged in spinning, weaving, dyeing and finishing.

2. The Date of Authorisation for Issuance of the Financial Statements and Procedures for Authorisation

These consolidated financial statements were authorised for issuance by the Board of Directors on March 13, 2020.

3. Application of New Standards, Amendments and Interpretations

(1) Effect of the adoption of new issuances of or amendments to International Financial Reporting Standards (“IFRS”) as endorsed by the Financial Supervisory Commission (“FSC”)

New standards, interpretations and amendments as endorsed by FSC effective from 2019 are as follows:

New Standards, Interpretations and Amendments	Effective date by International Accounting Standards Board
Amendments to IFRS 9, ‘Prepayment features with negative compensation’	January 1, 2019
IFRS 16, ‘Leases’	January 1, 2019
Amendments to IAS 19, ‘Plan amendment, curtailment or settlement’	January 1, 2019
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
Annual improvements to IFRSs 2015-2017 cycle	January 1, 2019

Except for the following, the above standards and interpretations have no significant impact to the Group’s financial condition and financial performance based on the Group’s assessment.

IFRS 16, ‘Leases’

A. IFRS 16, ‘Leases’, replaces IAS 17, ‘Leases’ and related interpretations and SICs. The standard requires lessees to recognise a ‘right-of-use asset’ and a lease liability (except for those leases with

terms of 12 months or less and leases of low-value assets). The accounting stays the same for lessors, which is to classify their leases as either finance leases or operating leases and account for those two types of leases differently. IFRS 16 only requires enhanced disclosures to be provided by lessors.

- B. The Group has elected to apply IFRS 16 by not restating the comparative information (referred herein as the ‘modified retrospective approach’) when applying “IFRSs” effective in 2019 as endorsed by the FSC. Accordingly, the Group increased ‘right-of-use asset’ (including reclassification of long-term prepaid rents) by \$1,627,373 and increased ‘lease liability’ by \$839,352 with respect to the lease contracts of lessees on January 1, 2019.
- C. The Group has used the following practical expedients permitted by the standard at the date of initial application of IFRS 16:
- (a) Reassessment as to whether a contract is, or contains, a lease is not required, instead, the application of IFRS 16 depends on whether or not the contracts were previously identified as leases applying IAS 17 and IFRIC 4.
 - (b) The use of a single discount rate to a portfolio of leases with reasonably similar characteristics.
 - (c) The exclusion of initial direct costs for the measurement of ‘right-of-use asset’.
 - (d) The use of hindsight in determining the lease term where the contract contains options to extend or terminate the lease.
- D. The Group calculated the present value of lease liabilities by using the weighted average incremental borrowing interest rates of 1.01% to 1.413%.
- E. The Group recognised lease liabilities which had previously been classified as ‘operating leases’ under the principles of IAS 17, ‘Leases’. The reconciliation between operating lease commitments under IAS 17 measured at the present value of the remaining lease payments, discounted using the lessee’s incremental borrowing rate and lease liabilities recognised as of January 1, 2019 is as follows:

Operating lease commitments disclosed by applying IAS 17 as at December 31, 2018	\$ 914,040
Total lease contracts amount recognised as lease liabilities by applying IFRS 16 on January 1, 2019	\$ 914,040
Incremental borrowing interest rate at the date of initial application	1.01% and 1.413%
Lease liabilities recognised as at January 1, 2019 by applying IFRS 16	\$ 839,352

(2) Effect of new issuances of or amendments to IFRSs as endorsed by the FSC but not yet adopted by the Group

New standards, interpretations and amendments as endorsed by FSC effective from 2020 are as follows:

New Standards, Interpretations and Amendments	Effective date by International Accounting Standards Board
Amendments to IAS 1 and IAS 8, 'Disclosure Initiative-Definition of Material'	January 1, 2020
Amendments to IFRS 3, 'Definition of a business'	January 1, 2020
Amendments to IFRS 9, IAS 39 and IFRS 7, 'Interest rate benchmark reform'	January 1, 2020

Except for the following, the above standards and interpretations have no significant impact to the Group's financial condition and financial performance based on the Group's assessment.

(3) IFRSs issued by IASB but not yet endorsed by the FSC

New standards, interpretations and amendments issued by IASB but not yet included in the IFRSs as endorsed by the FSC are as follows:

New Standards, Interpretations and Amendments	Effective date by International Accounting Standards Board
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 International Accounting Standards Board
IFRS 17, 'Insurance contracts'	January 1, 2021
Amendments to IAS 1, 'Classification of liabilities as current or noncurrent'	January 1, 2022

Except for the following, the above standards and interpretations have no significant impact to the Group's financial condition and financial performance based on the Group's assessment.

4. Summary of Significant Accounting Policies

The principal accounting policies applied in the preparation of these consolidated financial statements are set out below. These policies have been consistently applied to all the periods presented, unless otherwise stated.

(1) Compliance statement

The consolidated financial statements of the Group have been prepared in accordance with the "Regulations Governing the Preparation of Financial Reports by Securities Issuers", International Financial Reporting Standards, International Accounting Standards, IFRIC Interpretations, and SIC Interpretations as endorsed by the FSC (collectively referred herein as the "IFRSs").

(2) Basis of preparation

A. Except for the following items, the consolidated financial statements have been prepared under

the historical cost convention:

- (a) Financial assets and financial liabilities (including derivative instruments) at fair value through profit or loss.
 - (b) Financial assets at fair value through other comprehensive income.
 - (c) Defined benefit liabilities recognised based on the net amount of pension fund assets less present value of defined benefit obligation.
- B. The preparation of financial statements in conformity with IFRSs requires the use of certain critical accounting estimates. It also requires management to exercise its judgement in the process of applying the Group's accounting policies. The areas involving a higher degree of judgement or complexity, or areas where assumptions and estimates are significant to the consolidated financial statements are disclosed in Note 5.

(3) Basis of consolidation

A. Basis for preparation of consolidated financial statements:

- (a) All subsidiaries are included in the Group's consolidated financial statements. Subsidiaries are all entities (including structured entities) controlled by the Group. The Group controls an entity when the Group is exposed, or has rights, to variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. Consolidation of subsidiaries begins from the date the Group obtains control of the subsidiaries and ceases when the Group loses control of the subsidiaries.
- (b) Inter-company transactions, balances and unrealised gains or losses on transactions between companies within the Group are eliminated. Accounting policies of subsidiaries have been adjusted where necessary to ensure consistency with the policies adopted by the Group.
- (c) Profit or loss and each component of other comprehensive income are attributed to the owners of the parent and to the non-controlling interests. Total comprehensive income is attributed to the owners of the parent and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.
- (d) Changes in a parent's ownership interest in a subsidiary that do not result in the parent losing control of the subsidiary (transactions with non-controlling interests) are accounted for as equity transactions, i.e. transactions with owners in their capacity as owners. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognised directly in equity.
- (e) When the Group loses control of a subsidiary, the Group remeasures any investment retained in the former subsidiary at its fair value. That fair value is regarded as the fair value on initial recognition of a financial asset or the cost on initial recognition of the associate or joint venture. Any difference between fair value and carrying amount is recognised in profit or loss. All amounts previously recognised in other comprehensive income in relation to the subsidiary are reclassified to profit or loss on the same basis as would be required if the related assets or liabilities were disposed of. That is, when the Group loses control of a subsidiary, all gains or

losses previously recognised in other comprehensive income in relation to the subsidiary should be reclassified from equity to profit or loss, if such gains or losses would be reclassified to profit or loss when the related assets or liabilities are disposed of.

B. Subsidiaries included in the consolidated financial statements:

Name of investor	Name of subsidiary	Main business activities	Ownership (%)		Description
			December 31, 2019	December 31, 2018	
The Company	Formosa Carpet Corp.	Spinning, dyeing, printing, finishing and manufacturing synthetic fibre, rug and carpet	100.00	100.00	The Company holds more than 50% of voting rights.
The Company	FCFC Investment Corp. (Cayman)	Investing	100.00	100.00	The Company holds more than 50% of voting rights.
The Company	FCFC International Limited (Cayman)	Investing	100.00	100.00	The Company holds more than 50% of voting rights.
FCFC Investment Corp. (Cayman)	Formosa Power (Ningbo) Co., Ltd.	Cogeneration power generation business	100.00	100.00	The company holds more than 50% of voting rights through wholly-owned company - FCFC Investment Corp. (Cayman)
FCFC Investment Corp. (Cayman)	Formosa Chemicals & Fibre (Hong Kong) Co., Ltd.	Investing	100.00	100.00	The company holds more than 50% of voting rights through wholly-owned company - FCFC Investment Corp. (Cayman)
Formosa Chemicals & Fibre (Hong Kong) Co., Ltd.	Formosa Chemicals Industries (Ningbo) Co., Ltd. (Note 1)	Producing and marketing of PTA	100.00	100.00	The company holds more than 50% of voting rights through wholly-owned company - FCFC Investment Corp. (Hong Kong)
The Company	Formosa Biomedical Technology Corp.	Manufacturing and sale of cleaner and cosmetics	88.59	88.59	The Company holds more than 50% of voting rights.

Name of investor	Name of subsidiary	Main business activities	Ownership (%)		Description
			December 31, 2019	December 31, 2018	
Formosa Biomedical Technology Corp.	Hong Jing Resources Corp.	Removal and disposal of waste	71.00	61.00	The Company holds more than 50% of voting rights through an 88.59% voting rights owned company - Formosa Biochemical Technology Corp.
Formosa Biomedical Technology Corp.	Formosa Biomedical Technology (SAMOA) Co., Ltd.	Investment	100.00	100.00	Formosa Biochemical Technology holds more than 50% of voting rights.
Formosa Biomedical Technology Corp.	Formosa Waters Technology Co., Ltd.	Manufacturing industrial catalyst and wholesale of other chemical products	57.00	57.00	Formosa Biochemical Technology holds more than 50% of voting rights.
Formosa Biomedical Technology (SAMOA) Co., Ltd.	Formosa Biomedical Trading (Shanghai) Co., Ltd.	Importing, exporting and wholesale of healthy food	100.00	100.00	Formosa Biochemical Technology holds more than 50% of voting rights through a 100% owned company - Formosa Biomedical Technology (SAMOA) Co., Ltd.
The Company	Ta Shin Spining Corp.	Spinning	86.40	86.40	The Company holds more than 50% of voting rights.
The Company	Formosa Idemitsu Petrochemical Corp.	Wholesale and retail of petrochemical and plastic raw materials	50.00	50.00	The Company has substantial control and thus regards Formosa Idemitsu Petrochemical Corp. as a subsidiary.
The Company	Formosa BP Chemicals Corp.	Chemistry, international trade of petrochemistry	50.00	50.00	The Company has substantial control and thus regards Formosa BP Chemicals Corp. as a subsidiary.

Name of investor	Name of subsidiary	Main business activities	Ownership (%)		Description
			December 31, 2019	December 31, 2018	
The Company	Formosa Industries Corp., Vietnam	Production and marketing of textile, polyester staple fibre, cotton, hydropower	42.50	42.50	The Company has substantial control and thus regards Formosa Industries Corp. as a subsidiary.
The Company	Formosa Taffeta Co., Ltd.	Production and marketing of Polyamine fabric, Polyester fabric, cotton fabric, blended fabric and tire cord fabric	37.40	37.40	The Company has substantial control and thus regards Formosa Taffeta Corp. as a subsidiary.
Formosa Taffeta Co., Ltd.	Formosa Advanced Technologies Co., Ltd.	Assembly, testing, model processing and research and development of various integrated circuits	30.68	46.68	Formosa Taffeta Co., Ltd. has substantial control and thus regards Formosa Advanced Technologies Co., Ltd. as a subsidiary.(Note 2)
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Zhong Shan) Co., Ltd.	Production of cotton, Terylene greige cloth, coloured cloth and textured processing yarn products	100.00	100.00	Formosa Taffeta Co., Ltd. holds more than 50% of voting rights.
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Vietnam) Co., Ltd.	Production and marketing of textile, polyester staple fibre, cotton, hydropower	100.00	100.00	Formosa Taffeta Co., Ltd. hold more than 50% of voting rights.
Formosa Taffeta Co., Ltd.	Formosa Development Co., Ltd.	Urban land consolidation, development and rent and sale of residences and buildings, and development of new community and specialised zones.	100.00	100.00	Formosa Taffeta Co., Ltd. holds more than 50% of voting rights.

Name of investor	Name of subsidiary	Main business activities	Ownership (%)		Description
			December 31, 2019	December 31, 2018	
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Hong Kong) Co., Ltd.	Sale of Nylon and Polyamine fabric	100.00	100.00	Formosa Taffeta Co., Ltd. holds more than 50% of voting rights.
Formosa Taffeta Co., Ltd.	Schoeller F.T.C. (Hong Kong) Co., Ltd.	Sale of hi-tech performance fabric of 3XDRY, Nanosphere, Keprotec, Dynatec, Spirit and Reflex	50.00	50.00	Formosa Taffeta Co., Ltd. has substantial control and thus regards Schoeller F.T.C. (Hong Kong) Co., Ltd. as a subsidiary.
Formosa Taffeta Co., Ltd.	Xiamen Xiangyu Formosa Import & Export Trading Co., Ltd.	Import and export, entrepot trade, merchandise export processing, warehousing and design and drawing of black and white and colour graphs	100.00	100.00	Formosa Taffeta Co., Ltd. holds more than 50% of voting rights.
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Dong Nai) Co., Ltd.	Manufacturing of nylon and polyester filament products	100.00	100.00	Formosa Taffeta Co., Ltd. holds more than 50% of voting rights.
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Cayman) Co., Ltd.	Investment	100.00	100.00	Formosa Taffeta Co., Ltd. holds more than 50% of voting rights.
Formosa Taffeta (Hong Kong) Co., Ltd.	Formosa Taffeta (Changshu) Co., Ltd.	Manufacturing of processing fabric of nylon filament knitted cloth, weaving and dyeing as well as post processing of knitted fabric	100.00	100.00	Formosa Taffeta Co., Ltd. holds more than 50% of voting rights through a 100% owned company - Formosa Taffeta (Hong Kong) Co., Ltd.
Formosa Development Co., Ltd.	Public More Internation Co., Ltd.	Employment services and temporary worker services	100.00	100.00	Formosa Taffeta Co., Ltd. holds more than 50% of voting rights through a 100% owned company - Formosa Development Co., Ltd.

Note 1: The Company reorganised its investment structure through a merger of 4 investees in Mainland China, namely, Formosa Chemicals Industries (Ningbo) Co., Ltd., Formosa ABS Plastics (Ningbo) Co., Ltd., Formosa PS (Ningbo) Co., Ltd. and Formosa Phenol (Ningbo) Limited Co. After the effective date of January 2, 2018, Formosa Chemicals Industries (Ningbo) Co., Ltd. was the surviving entity. The proposal had been resolved by Board of Directors on November 4, 2016.

Note2: On December 13, 2019, the Board of Directors of Formosa Taffeta Co., Ltd. resolved to dispose its 16% equity interest in Formosa Advanced Technologies Co. Consequently, on December 16, 2019, Formosa Taffeta Co., Ltd. lost control but retained significant influence over Formosa Advanced Technologies Co. After the disposal, it was reclassified from a consolidated subsidiary to 'investments accounted for using equity method'. Details are provided in Note 6 (6).

C. Subsidiaries not included in the consolidated financial statements: None

D. Adjustments for subsidiaries with different balance sheet dates: None

E. Significant restrictions: None

F. Subsidiaries that have non-controlling interests that are material to the Group:

As of December 31, 2019 and 2018, the non-controlling interest amounted to \$52,776,292 and \$63,513,625, respectively. The information on non-controlling interest and respective subsidiary is as follows:

Name of subsidiary	Principal place of business	Non-controlling interest				Description
		December 31, 2019		December 31, 2018		
		Amount	Ownership (%)	Amount	Ownership (%)	
Formosa Taffeta Co., Ltd.	Taiwan	\$ 40,054,780	62.60	\$ 42,991,749	62.60	-

Summarised financial information of the subsidiary:

Balance sheets

	Formosa Taffeta Co., Ltd.	
	December 31, 2019	December 31, 2018
Current assets	\$ 17,512,757	\$ 23,771,559
Non-current assets	63,249,116	69,254,934
Current liabilities	(8,482,750)	(9,191,230)
Non-current liabilities	(8,055,223)	(8,866,573)
Total net assets	\$ 64,223,900	\$ 74,968,690

Statements of comprehensive income

Formosa Taffeta Co., Ltd.		
	Year ended December 31, 2019	Year ended December 31, 2018
Revenue	\$ 36,762,189	\$ 35,759,528
Profit before income tax	5,163,958	4,529,407
Income tax expense	(537,021)	(629,000)
Profit for the year from continuing operations	4,626,937	3,900,407
Profit from discontinued operations	1,202,530	1,420,293
Profit for the year	5,829,467	5,320,700
Other comprehensive (loss) income, net of tax	(6,364,452)	(3,151,652)
Total comprehensive (loss) income for the year	(\$ 534,985)	\$ 2,169,048
Comprehensive income attributable to non-controlling interest	\$ 640,738	\$ 438,852

Statements of cash flows

Formosa Taffeta Co., Ltd.		
	Year ended December 31, 2019	Year ended December 31, 2018
Net cash provided by (used in) operating activities	\$ 6,751,805	\$ 5,567,339
Net cash provided by (used in) investing activities	(1,070,887)	(3,051,784)
Net cash provided by (used in) financing activities	(5,831,702)	(4,041,122)
Effect of exchange rates on cash	(4,488)	(25,456)
Decrease in cash and cash equivalents	(155,272)	(1,551,023)
Cash and cash equivalents, beginning of year	3,391,896	4,942,919
Cash and cash equivalents, end of year	\$ 3,236,624	\$ 3,391,896

(4) Foreign currency translation

Items included in the financial statements of each of the Group's entities are measured using the currency of the primary economic environment in which the entity operates (the "functional

currency”). The consolidated financial statements are presented in New Taiwan dollars, which is the Company’s functional and the Group’s presentation currency.

A. Foreign currency transactions and balances

- (a) Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the dates of the transactions or valuation where items are remeasured. Foreign exchange gains and losses resulting from the settlement of such transactions are recognised in profit or loss in the period in which they arise.
- (b) Monetary assets and liabilities denominated in foreign currencies at the period end are re-translated at the exchange rates prevailing at the balance sheet date. Exchange differences arising upon re-translation at the balance sheet date are recognised in profit or loss.
- (c) Non-monetary assets and liabilities denominated in foreign currencies held at fair value through profit or loss are re-translated at the exchange rates prevailing at the balance sheet date; their translation differences are recognised in profit or loss. Non-monetary assets and liabilities denominated in foreign currencies held at fair value through other comprehensive income are re-translated at the exchange rates prevailing at the balance sheet date; their translation differences are recognised in other comprehensive income. However, non-monetary assets and liabilities denominated in foreign currencies that are not measured at fair value are translated using the historical exchange rates at the dates of the initial transactions.
- (d) All foreign exchange gains and losses are presented in the statement of comprehensive income within ‘other gains and losses’.

B. Translation of foreign operations

- (a) The operating results and financial position of all the group entities, associates and joint arrangements that have a functional currency different from the presentation currency are translated into the presentation currency as follows:
 - i. Assets and liabilities for each balance sheet presented are translated at the closing exchange rate at the date of that balance sheet;
 - ii. Income and expenses for each statement of comprehensive income are translated at average exchange rates of that period; and
 - iii. All resulting exchange differences are recognised in other comprehensive income.
- (b) When the foreign operation partially disposed of or sold is an associate or joint arrangement, exchange differences that were recorded in other comprehensive income are proportionately reclassified to profit or loss as part of the gain or loss on sale. In addition, even when the Group retains partial interest in the former foreign associate or joint arrangement after losing significant influence over the former foreign associate, or losing joint control of the former joint arrangement, such transactions should be accounted for as disposal of all interest in these foreign operations.

(5) Classification of current and non-current items

A. Assets that meet one of the following criteria are classified as current assets; otherwise they are

classified as non-current assets:

- (a) Assets arising from operating activities that are expected to be realised, or are intended to be sold or consumed within the normal operating cycle;
 - (b) Assets held mainly for trading purposes;
 - (c) Assets that are expected to be realised within twelve months from the balance sheet date;
 - (d) Cash and cash equivalents, excluding restricted cash and cash equivalents and those that are to be exchanged or used to settle liabilities more than twelve months after the balance sheet date.
- B. Liabilities that meet one of the following criteria are classified as current liabilities; otherwise they are classified as non-current liabilities:
- (a) Liabilities that are expected to be settled within the normal operating cycle;
 - (b) Liabilities arising mainly from trading activities;
 - (c) Liabilities that are to be settled within twelve months from the balance sheet date;
 - (d) Liabilities for which the repayment date cannot be extended unconditionally to more than twelve months after the balance sheet date. Terms of a liability that could, at the option of the counterparty, result in its settlement by the issue of equity instruments do not affect its classification.

(6) Cash equivalents

Cash equivalents refer to short-term, highly liquid investments that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value. Time deposits that meet the definition above and are held for the purpose of meeting short-term cash commitments in operations are classified as cash equivalents.

(7) Financial assets at fair value through profit or loss

- A. Financial assets at fair value through profit or loss are financial assets that are not measured at amortised cost or fair value through other comprehensive income. Financial assets at amortised cost or fair value through other comprehensive income are designated as at fair value through profit or loss at initial recognition when they eliminate or significantly reduce a measurement or recognition inconsistency.
- B. On a regular way purchase or sale basis, financial assets at fair value through profit or loss are recognised and derecognised using trade date accounting.
- C. At initial recognition, the Group measures the financial assets at fair value and recognises the transaction costs in profit or loss. The Group subsequently measures the financial assets at fair value, and recognises the gain or loss in profit or loss.
- D. The Group recognises the dividend income when the right to receive payment is established, future economic benefits associated with the dividend will flow to the Group and the amount of the dividend can be measured reliably.

(8) Financial assets at fair value through other comprehensive income

- A. Financial assets at fair value through other comprehensive income comprise equity securities which are not held for trading, and for which the Group has made an irrevocable election at initial

recognition to recognise changes in fair value in other comprehensive income and debt instruments which meet all of the following criteria:

- (a) The objective of the Group's business model is achieved both by collecting contractual cash flows and selling financial assets; and
 - (b) The assets' contractual cash flows represent solely payments of principal and interest.
- B. On a regular way purchase or sale basis, financial assets at fair value through other comprehensive income are recognised and derecognised using trade date accounting.
- C. At initial recognition, the Group measures the financial assets at fair value plus transaction costs. The Group subsequently measures the financial assets at fair value:
- (a) The changes in fair value of equity investments that were recognised in other comprehensive income are reclassified to retained earnings and are not reclassified to profit or loss following the derecognition of the investment. Dividends are recognised as revenue when the right to receive payment is established, future economic benefits associated with the dividend will flow to the Group and the amount of the dividend can be measured reliably.
 - (b) Except for the recognition of impairment loss, interest income and gain or loss on foreign exchange which are recognised in profit or loss, the changes in fair value of debt instruments are taken through other comprehensive income. When the financial asset is derecognised, the cumulative gain or loss previously recognised in other comprehensive income is reclassified from equity to profit or loss.

(9) Accounts and notes receivable

- A. Accounts and notes receivable entitle the Group a legal right to receive consideration in exchange for transferred goods or rendered services.
- B. The short-term accounts and notes receivable without bearing interest are subsequently measured at initial invoice amount as the effect of discounting is immaterial.

(10) Impairment of financial assets

For debt instruments measured at fair value through other comprehensive income including accounts receivable or contract assets that have a significant financing component, at each reporting date, the Group recognises the impairment provision for 12 months expected credit losses if there has not been a significant increase in credit risk since initial recognition or recognises the impairment provision for the lifetime expected credit losses (ECLs) if such credit risk has increased since initial recognition after taking into consideration all reasonable and verifiable information that includes forecasts. On the other hand, for accounts receivable or contract assets that do not contain a significant financing component, the Group recognises the impairment provision for lifetime ECLs.

(11) Derecognition of financial assets

The Group derecognises a financial asset when one of the following conditions is met:

- A. The contractual rights to receive the cash flows from the financial asset expire.
- B. The contractual rights to receive cash flows of the financial asset have been transferred and the Group has transferred substantially all risks and rewards of ownership of the financial asset.
- C. The contractual rights to receive cash flows of the financial asset have been transferred and the Group has not retained control of the financial asset.

(12) Inventories

Inventories are stated at the lower of cost and net realisable value. Cost is determined using the weighted-average method. The cost of finished goods and work in process comprises raw materials, direct labor, other direct costs and related production overheads (allocated based on normal operating capacity). It excludes borrowing costs. The item by item approach is used in applying the lower of cost and net realisable value. Net realisable value is the estimated selling price in the ordinary course of business, less the estimated cost of completion and applicable variable selling expenses.

(13) Investments accounted for using equity method /associates

- A. Associates are all entities over which the Group has significant influence but not control. In general, it is presumed that the investor has significant influence, if an investor holds, directly or indirectly 20 percent or more of the voting power of the investee. Investments in associates are accounted for using the equity method and are initially recognised at cost.
- B. The Group's share of its associates' post-acquisition profits or losses is recognised in profit or loss, and its share of post-acquisition movements in other comprehensive income is recognised in other comprehensive income. When the Group's share of losses in an associate equals or exceeds its interest in the associate, including any other unsecured receivables, the Group does not recognise further losses, unless it has incurred legal or constructive obligations or made payments on behalf of the associate.
- C. When changes in an associate's equity do not arise from profit or loss or other comprehensive income of the associate and such changes do not affect the Group's ownership percentage of the associate, the Group recognises the Group's share of change in equity of the associate in 'capital surplus' in proportion to its ownership.
- D. Unrealised gains on transactions between the Group and its associates are eliminated to the extent of the Group's interest in the associates. Unrealised losses are also eliminated unless the transaction provides evidence of an impairment of the asset transferred. Accounting policies of associates have been adjusted where necessary to ensure consistency with the policies adopted by the Group.
- E. In the case that an associate issues new shares and the Group does not subscribe or acquire new shares proportionately, which results in a change in the Group's ownership percentage of the associate but maintains significant influence on the associate, then 'capital surplus' and

‘investments accounted for under the equity method’ shall be adjusted for the increase or decrease of its share of equity interest. If the above condition causes a decrease in the Group’s ownership percentage of the associate, in addition to the above adjustment, the amounts previously recognised in other comprehensive income in relation to the associate are reclassified to profit or loss proportionately on the same basis as would be required if the relevant assets or liabilities were disposed of.

- F. Upon loss of significant influence over an associate, the Group remeasures any investment retained in the former associate at its fair value. Any difference between fair value and carrying amount is recognised in profit or loss.
- G. When the Group disposes its investment in an associate and loses significant influence over this associate, the amounts previously recognised in other comprehensive income in relation to the associate, are reclassified to profit or loss, on the same basis as would be required if the relevant assets or liabilities were disposed of. If it retains significant influence over this associate, the amounts previously recognised in other comprehensive income in relation to the associate are reclassified to profit or loss proportionately in accordance with the aforementioned approach.
- H. When the Group disposes its investment in an associate and loses significant influence over this associate, the amounts previously recognised as capital surplus in relation to the associate are transferred to profit or loss. If it retains significant influence over this associate, the amounts previously recognised as capital surplus in relation to the associate are transferred to profit or loss proportionately.

(14) Property, plant and equipment

- A. Property, plant and equipment are initially recorded at cost. Borrowing costs incurred during the construction period are capitalised.
- B. Subsequent costs are included in the asset’s carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Group and the cost of the item can be measured reliably. The carrying amount of the replaced part is derecognised. All other repairs and maintenance are charged to profit or loss during the financial period in which they are incurred.
- C. Land is not depreciated. Other property, plant and equipment apply cost model and are depreciated using the straight-line method to allocate their cost over their estimated useful lives. Each part of an item of property, plant, and equipment with a cost that is significant in relation to the total cost of the item must be depreciated separately.

D. The assets' residual values, useful lives and depreciation methods are reviewed, and adjusted if appropriate, at each balance sheet date. If expectations for the assets' residual values and useful lives differ from previous estimates or the patterns of consumption of the assets' future economic benefits embodied in the assets have changed significantly, any change is accounted for as a change in estimate under IAS 8, 'Accounting Policies, Changes in Accounting Estimates and Errors', from the date of the change. The estimated useful lives of property, plant and equipment are as follows:

Land improvements	3 ~ 15 years
Buildings	10 ~ 60 years
Machinery and equipment	5 ~ 15 years
Transportation equipment	3 ~ 15 years
Other equipment	2 ~ 15 years

(15) Leasing arrangements (lessee) — right-of-use assets/ lease liabilities

Effective 2019

A. Leases are recognised as a right-of-use asset and a corresponding lease liability at the date at which the leased asset is available for use by the Group. For short-term leases or leases of low-value assets, lease payments are recognised as an expense on a straight-line basis over the lease term.

B. Lease liabilities include the net present value of the remaining lease payments at the commencement date, discounted using the incremental borrowing interest rate.

Lease payments are comprised of the following:

- (a) Fixed payments, less any lease incentives receivable;
- (b) Variable lease payments that depend on an index or a rate;
- (c) Amounts expected to be payable by the lessee under residual value guarantees;
- (d) The exercise price of a purchase option, if the lessee is reasonably certain to exercise that option; and
- (e) Payments of penalties for terminating the lease, if the lease term reflects the lessee exercising that option.

The Group subsequently measures the lease liability at amortised cost using the interest method and recognises interest expense over the lease term. The lease liability is remeasured and the amount of remeasurement is recognised as an adjustment to the right-of-use asset when there are changes in the lease term or lease payments and such changes do not arise from contract modifications.

C. At the commencement date, the right-of-use asset is stated at cost comprising the following:

- (a) The amount of the initial measurement of lease liability;
- (b) Any lease payments made at or before the commencement date;
- (c) Any initial direct costs incurred by the lessee; and

- (d) An estimate of costs to be incurred by the lessee in dismantling and removing the underlying asset, restoring the site on which it is located or restoring the underlying asset to the condition required by the terms and conditions of the lease.

The right-of-use asset is measured subsequently using the cost model and is depreciated from the commencement date to the earlier of the end of the asset's useful life or the end of the lease term.

When the lease liability is remeasured, the amount of remeasurement is recognised as an adjustment to the right-of-use asset.

(16) Operating leases (lessee)

Prior to 2018

Payments made under an operating lease (net of any incentives received from the lessor) are recognised in profit or loss on a straight-line basis over the lease term.

(17) Intangible assets

Computer software is stated at cost and amortised on a straight-line basis over its estimated useful life.

(18) Impairment of non-financial assets

The Group assesses at each balance sheet date the recoverable amounts of those assets where there is an indication that they are impaired. An impairment loss is recognised for the amount by which the asset's carrying amount exceeds its recoverable amount. The recoverable amount is the higher of an asset's fair value less costs to sell or value in use. Except for goodwill, when the circumstances or reasons for recognising impairment loss for an asset in prior years no longer exist or diminish, the impairment loss is reversed. The increased carrying amount due to reversal should not be more than what the depreciated or amortized historical cost would have been if the impairment had not been recognised.

(19) Borrowings

Borrowings comprise long-term and short-term bank borrowings and other long-term and shortterm loans. Borrowings are recognised initially at fair value, net of transaction costs incurred. Borrowings are subsequently stated at amortised cost; any difference between the proceeds (net of transaction costs) and the redemption value is recognised in profit or loss over the period of the borrowings using the effective interest method.

(20) Notes and accounts payable

- A. Accounts payable are liabilities for purchases of raw materials, goods or services and notes payable are those resulting from operating and non-operating activities.
- B. The short-term notes and accounts payable without bearing interest are subsequently measured at initial invoice amount as the effect of discounting is immaterial.

(21) Financial liabilities at fair value through profit or loss

- A. Financial liabilities are classified in this category of held for trading if acquired principally for the purpose of repurchasing in the short-term. Derivatives are also categorised as financial liabilities held for trading unless they are designated as hedges. Or financial liabilities at fair

value through profit or loss. Financial liabilities that meet one of the following criteria are designated as at fair value through profit or loss at initial recognition:

- (a) Hybrid (combined) contracts; or
- (b) They eliminate or significantly reduce a measurement or recognition inconsistency; or
- (c) They are managed and their performance is evaluated on a fair value basis, in accordance with a documented risk management policy.

B. At initial recognition, the Group measures the financial liabilities at fair value. All related transaction costs are recognised in profit or loss. The Group subsequently measures these financial liabilities at fair value with any gain or loss recognised in profit or loss.

(22) Bonds payable

Ordinary corporate bonds issued by the Group are initially recognised at fair value less transaction costs. Any difference between the proceeds (net of transaction costs) and the redemption value is presented as an addition to or deduction from bonds payable, which is amortised to profit or loss over the period of bond circulation using the effective interest method as an adjustment to 'finance costs'.

(23) Derecognition of financial liabilities

A financial liability is derecognised when the obligation under the liability specified in the contract is discharged or cancelled or expires.

(24) Offsetting financial instruments

Financial assets and liabilities are offset and reported in the net amount in the balance sheet when there is a legally enforceable right to offset the recognised amounts and there is an intention to settle on a net basis or realise the asset and settle the liability simultaneously.

(25) Non-hedging derivatives

Non-hedging derivatives are initially recognised at fair value on the date a derivative contract is entered into and recorded as financial assets or financial liabilities at fair value through profit or loss. They are subsequently remeasured at fair value and the gains or losses are recognised in profit or loss.

(26) Employee benefits

A. Short-term employee benefits

Short-term employee benefits are measured at the undiscounted amount of the benefits expected to be paid in respect of service rendered by employees in a period and should be recognised as expense in that period when the employees render service.

B. Pensions

(a) Defined contribution plans

For defined contribution plans, the contributions are recognised as pension expense when they are due on an accrual basis. Prepaid contributions are recognised as an asset to the extent of a cash refund or a reduction in the future payments.

(b) Defined benefit plans

- i. Net obligation under a defined benefit plan is defined as the present value of an amount of pension benefits that employees will receive on retirement for their services with the Group in current period or prior periods. The liability recognised in the balance sheet in respect of defined benefit pension plans is the present value of the defined benefit obligation at the balance sheet date less the fair value of plan assets. The net defined benefit obligation is calculated annually by independent actuaries using the projected unit credit method. The rate used to discount is determined by using interest rates of high-quality corporate bonds that are denominated in the currency in which the benefits will be paid, and that have terms to maturity approximating to the terms of the related pension liability; when there is no deep market in high-quality corporate bonds, the Group uses interest rates of government bonds (at the balance sheet date) instead.
- ii. Remeasurements arising on defined benefit plans are recognised in other comprehensive income in the period in which they arise and are recorded as other equity.
- iii. Past service costs are recognised immediately in profit or loss.

C. Employees', directors' and supervisors' remuneration

Employees' remuneration and directors' and supervisors' remuneration are recognised as expense and liability, provided that such recognition is required under legal or constructive obligation and those amounts can be reliably estimated. Any difference between the resolved amounts and the subsequently actual distributed amounts is accounted for as changes in estimates.

(27) Income tax

- A. The tax expense for the period comprises current and deferred tax. Tax is recognised in profit or loss, except to the extent that it relates to items recognised in other comprehensive income or items recognised directly in equity, in which cases the tax is recognised in other comprehensive income or equity.
- B. The current income tax expense is calculated on the basis of the tax laws enacted or substantively enacted at the balance sheet date in the countries where the Company and its subsidiaries operate and generate taxable income. Management periodically evaluates positions taken in tax returns with respect to situations in accordance with applicable tax regulations. It establishes provisions where appropriate based on the amounts expected to be paid to the tax authorities. An additional tax is levied on the unappropriated retained earnings and is recorded as income tax expense in the year the stockholders resolve to retain the earnings.
- C. Deferred income tax is recognised, using the balance sheet liability method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the consolidated balance sheet. However, the deferred income tax is not accounted for if it arises from initial recognition of goodwill or of an asset or liability in a transaction other than a business combination that at the time of the transaction affects neither accounting nor taxable profit or

loss. Deferred income tax is provided on temporary differences arising on investments in subsidiaries and associates, except where the timing of the reversal of the temporary difference is controlled by the Group and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred income tax is determined using tax rates (and laws) that have been enacted or substantially enacted by the balance sheet date and are expected to apply when the related deferred income tax asset is realised or the deferred income tax liability is settled.

- D. Deferred income tax assets are recognised only to the extent that it is probable that future taxable profit will be available against which the temporary differences can be utilised. At each balance sheet date, unrecognised and recognised deferred income tax assets are reassessed.
- E. Current income tax assets and liabilities are offset and the net amount reported in the balance sheet when there is a legally enforceable right to offset the recognised amounts and there is an intention to settle on a net basis or realise the asset and settle the liability simultaneously. Deferred income tax assets and liabilities are offset on the balance sheet when the entity has the legally enforceable right to offset current tax assets against current tax liabilities and they are levied by the same taxation authority on either the same entity or different entities that intend to settle on a net basis or realise the asset and settle the liability simultaneously.
- F. A deferred tax asset shall be recognised for the carryforward of unused tax credits resulting from acquisitions of equipment or technology and equity investments to the extent that it is possible that future taxable profit will be available against which the unused tax credits can be utilised.

(28) Treasury shares

Where the Company repurchases the Company's equity share capital that has been issued, the consideration paid, including any directly attributable incremental costs (net of income taxes) is deducted from equity attributable to the Company's equity holders. Where such shares are subsequently reissued, the difference between their book value and any consideration received, net of any directly attributable incremental transaction costs and the related income tax effects, is included in equity attributable to the Company's equity holders.

(29) Dividends

Dividends are recorded in the Company's financial statements in the period in which they are approved by the Company's shareholders. Cash dividends are recorded as liabilities; stock dividends are recorded as stock dividends to be distributed and are reclassified to ordinary shares on the effective date of new shares issuance.

(30) Revenue recognition

A. Sales of goods

- (a) The Group manufactures and sells a variety of petrochemical products, including the spinning, weaving, dyeing and finishing of rayon and nylon fiber. Sales are recognised when control of the products has transferred, being when the products are delivered to the customer, the customer has full discretion over the channel and price to sell the products, and there is no unfulfilled obligation that could affect the customer's acceptance of the products.

- (b) The amount of sales revenue recognised is equal to the contract price net of volume discounts and sales discounts and allowances. Volume discounts and sales discounts and allowances are estimated based on historical information, and a refund liability is recognised for expected volume discounts and sales discounts and allowances payable to customers in relation to sales made until the end of the reporting period. The sales usually are made with a credit term of 30 to 120 days. As the time interval between the transfer of committed goods or service and the payment of customer does not exceed one year, the Group does not adjust the transaction price to reflect the time value of money.
- (c) A receivable is recognised when the goods are delivered as this is the point in time that the consideration is unconditional because only the passage of time is required before the payment is due.

B. Formosa Advanced Technologies Co., Ltd. renders IC packaging and testing services.

Considering that the highly customised products have no alternative use to the entity and the entity has an enforceable right to payment for performance completed to date in accordance with the contract terms, the revenue will have to be recognised in the reporting period in which the services are delivered to the customers. For fixed-price contracts, revenue is recognised based on the actual service provided to the end of the reporting period as a proportion of the total services to be provided. This is determined based on the costs incurred relative to the total expected costs. The customer pays at the time specified in the payment schedule. If the services rendered exceed the payment, a contract asset is recognised. If the payments exceed the services rendered, a contract liability is recognised.

(31) Operating segments

Operating segments are reported in a manner consistent with the internal reporting provided to the chief operating decision-maker, who is responsible for allocating resources and assessing performance of the operating segments.

5. Critical Accounting Judgements, Estimates and Key Sources of Assumption Uncertainty

The preparation of these consolidated financial statements requires management to make critical judgements in applying the Group's accounting policies and make critical assumptions and estimates concerning future events. Assumptions and estimates may differ from the actual results and are continually evaluated and adjusted based on historical experience and other factors. The information is addressed below:

(1) Critical judgements in applying the Group's accounting policies

None.

(2) Critical accounting estimates and assumptions

A. Impairment assessment of accounts receivable

In the process of assessing impairment of accounts receivable, the Group must use judgements and assumptions to determine the collectability of accounts receivable. The collectability is affected by various factors: customers' financial conditions, the Group's internal credit ratings, historical

experience, etc. When sales are not expected to be collected, the Group recognises a specific allowance for doubtful receivables after the assessment. The assumptions and estimates of loss allowance provided for accounts receivable are based on concerning future events as that on the balance sheet date. Assumptions and estimates may differ from the actual results which may result in material adjustments.

B. Evaluation of inventories

As inventories are stated at the lower of cost and net realisable value, the Group must determine the net realisable value of inventories on balance sheet date using judgements and estimates. Due to the rapid technology innovation, the Group evaluates the amounts of normal inventory consumption, obsolete inventories or inventories without market selling value on balance sheet date, and writes down the cost of inventories to the net realisable value. Such an evaluation of inventories is principally based on the demand for the products within the specified period in the future. Therefore, there might be material changes to the evaluation.

As of December 31, 2019, the carrying amount of inventories was \$41,269,264.

6. Details of Significant Accounts

(1) Cash and cash equivalents

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
Cash on hand and petty cash	\$ 51,308	\$ 156,976
Checking accounts and demand deposits	3,433,014	6,914,206
Cash equivalents		
Time deposits	8,544,398	19,819,195
Bonds repurchased and commercial paper	3,070,532	4,319,432
	<u>\$ 15,099,252</u>	<u>\$ 31,209,809</u>

A. The Group transacts with a variety of financial institutions all with high credit quality to disperse credit risk, so it expects that the probability of counterparty default is remote. Loss allowance is measured using 12-month expected credit losses. For the years ended December 31, 2019 and 2018, the Group did not recognise any loss allowance.

B. The Group has no cash and cash equivalents pledged to others.

(2) Financial assets at fair value through profit or loss

<u>Items</u>	<u>December 31, 2019</u>	<u>December 31, 2018</u>
Financial assets mandatorily measured at fair value through profit or loss		
Beneficiary certificate	\$ -	\$ 466,353
Fund	4,085,299	4,085,299
Derivatives	119	-
	<u>4,085,418</u>	<u>4,551,652</u>
Valuation adjustments	(41,331)	(55,298)
	<u>\$ 4,044,087</u>	<u>\$ 4,496,354</u>

- A. Amounts recognised in profit or loss in relation to financial assets at fair value through profit or loss are listed below:

	For the year ended December 31, 2019	For the year ended December 31, 2018
Financial assets mandatorily measured at fair value		
Beneficiary certificates	\$ -	\$ 2,681
Fund	28,490	215,870
Derivatives	119	(398)
Valuation adjustments	28,609	218,153
Less: Income (Loss) from discontinued operations	(1,385)	-
	<u>\$ 27,224</u>	<u>\$ 218,153</u>

- B. The Group entered into contracts relating to derivative financial assets which were not accounted for under hedge accounting. The information is listed below:

	December 31, 2019	
Derivative	Contract Amount	
Instruments	(Notional Principal)	Contract Period
Current items:		
Forward exchange contracts:		
Taipei Fubon	JPY 86,800	2019.12~2020.02

December 31, 2018 : None.

The Group entered into forward exchange contracts to buy USD and JPY to hedge exchange rate risk of Ninth Naphtha Cracker Project from syndicated long-term borrowings. However, these forward exchange contracts are not accounted for under hedge accounting.

- C. The Group did not pledge financial assets at fair value through profit or loss to others as collateral.
D. Information relating to credit risk is provided in Note 12(3).

(3) Financial assets at fair value through other comprehensive income

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
Current items:		
Equity instruments		
Listed stocks	\$ 24,450,527	\$ 25,828,364
Unlisted stocks	825,839	825,839
Valuation adjustment	<u>84,867,539</u>	<u>78,097,275</u>
	<u>\$ 110,143,905</u>	<u>\$ 104,751,478</u>
Non-current items:		
Equity instruments		
Listed stocks	\$ 8,163,126	\$ 8,739,607
Unlisted stocks	27,703,119	28,284,257
Valuation adjustment	<u>31,674,332</u>	<u>45,146,380</u>
	<u>\$ 67,540,577</u>	<u>\$ 82,170,244</u>

- A. Amounts recognised in profit or loss and other comprehensive income in relation to the financial assets at fair value through other comprehensive income are listed below:

	<u>For the year ended December 31, 2019</u>	<u>For the year ended December 31, 2018</u>
Equity instruments at fair value through other comprehensive income		
Fair value change recognised in other comprehensive income	<u>(\$ 6,571,738)</u>	<u>(\$ 13,693,635)</u>
Cumulative losses reclassified to retained earnings due to derecognition (including losses included in non- controlling interest)	<u>\$ 1,778</u>	<u>(\$ 1,804,559)</u>

- B. As at December 31, 2019 and 2018, without taking into account any collateral held or other credit enhancements, the maximum exposure to credit risk in respect of the amount that best represents the financial assets at fair value through other comprehensive income held by the Group were \$177,684,482 and \$186,921,722, respectively.
- C. The Group did not pledge financial assets at fair value through other comprehensive income to others as collateral.
- D. Information relating to credit risk of financial assets at fair value through other comprehensive

income is provided in Note 12(3).

(4) Notes and accounts receivable

	December 31, 2019	December 31, 2018
Notes receivable	\$ 6,898,955	\$ 15,086,776
Less: Allowance for uncollectible accounts	-	-
	<u>\$ 6,898,955</u>	<u>\$ 15,086,776</u>
Notes receivable - related parties	<u>\$ 6,395</u>	<u>\$ 4,429</u>
Accounts receivable	\$ 16,335,493	\$ 21,172,293
Less: Allowance for uncollectible accounts	(284,724)	(252,085)
	<u>\$ 16,050,769</u>	<u>\$ 20,920,208</u>
Accounts receivable - related parties	<u>\$ 5,137,355</u>	<u>\$ 8,471,495</u>

A. As of December 31, 2019 and 2018, accounts receivable and notes receivable were all from contracts with customers. As of January 1, 2018, the balance of receivables from contracts with customers amounted to \$41,686,938.

B. As of December 31, 2019 and 2018, without taking into account any collateral held or other credit enhancements, the maximum exposure to credit risk in respect of the amount that best represents the Group's notes and accounts receivable were \$6,905,350 and \$15,091,205, and accounts receivable were \$21,188,124 and \$29,391,703, respectively.

C. Information relating to credit risk is provided in Note 12(3).

(5) Inventories

	December 31, 2019		
	Cost	Allowance for valuation loss	Book value
Raw materials	\$ 14,155,110	(\$ 133,127)	\$ 14,021,983
Materials	8,278,632	(560,981)	7,717,651
Work in progress	5,889,679	(8,280)	5,881,399
Finished goods	14,527,395	(1,076,814)	13,450,581
Other inventory	197,732	(82)	197,650
	<u>\$ 43,048,548</u>	<u>(\$ 1,779,284)</u>	<u>\$ 41,269,264</u>

	December 31, 2018		
	Cost	Allowance for valuation loss	Book value
Raw materials	\$ 14,396,836	(\$ 192,566)	\$ 14,204,270
Materials	6,545,784	(521,058)	6,024,726
Work in progress	6,899,028	(16,258)	6,882,770
Finished goods	15,836,707	(784,724)	15,051,983
Other inventory	241,497	(71)	241,426
	<u>\$ 43,919,852</u>	<u>(\$ 1,514,677)</u>	<u>\$ 42,405,175</u>

A. Expense and loss incurred on inventories for the years ended December 31, 2019 and 2018 were as follows:

	For the years ended December 31,	
	2019	2018
Cost of inventories sold	\$ 288,139,787	\$ 353,517,812
Loss on inventory valuation (Note)	283,017	261,996
Idle capacity	1,841,074	707,976
Others	480,282	(140,001)
	<u>290,744,160</u>	<u>354,347,783</u>
Less: Cost of discontinued department	(7,302,136)	(7,111,588)
	<u>\$ 283,442,024</u>	<u>\$ 347,236,195</u>

Note: As the market value of related products decreased for the years ended December 31, 2019 and 2018, the Group recognised related allowance for inventory valuation loss after assessment.

B. As of December 31, 2019 and 2018, inventories pledged are described in Note 8.

(6) Investments accounted for using equity method

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
Formosa Heavy Industries Corp.	\$ 7,168,024	\$ 7,794,074
Formosa Fairway Corp.	82,161	98,624
Formosa Plastics Transport Corp.	1,062,761	1,057,580
Formosa Petrochemical Corp.	79,497,235	81,480,476
Mai Liao Power Corp.	11,049,766	11,162,579
Hwa Ya Science Park Management Consulting Co.,	2,530	1,503
Chia-Nan Enterprise Corp.	225,553	265,338
Formosa Environmental Technology Corp.	225,692	225,861
Formosa Synthetic Rubber Corp.	292,611	253,916
Formosa Synthetic Rubber Corp. (Hong Kong)	2,326,752	2,541,840
Formosa Resource Corp.	6,615,934	5,370,047
Formosa Group (Cayman) Corp.	653,576	631,060
Formosa Construction Corp.	75,523	82,300
FG INC.	2,873,408	2,208,034
Beyoung International Corp.	96,502	95,576
Formosa Advanced Technologies Co., Ltd.	4,884,465	-
Kuang Yueh Co., Ltd.	1,247,694	1,191,261
Changshu Yu Yuan Co., Ltd.	15,439	16,403
	<u>\$ 118,395,626</u>	<u>\$ 114,476,472</u>

A. On December 13, 2019, the Board of Directors of Formosa Taffeta Co., Ltd. resolved to dispose its 16% equity interest in Formosa Advanced Technologies Co. Consequently, on December 16, 2019, Formosa Taffeta Co., Ltd. lost control but retained significant influence over Formosa Advanced Technologies Co. After the disposal, it was reclassified from a consolidated subsidiary to ‘investments accounted for using equity method’. Details are provided in Note 6 (6).

B. Associates

(a) The basic information of the associate that is material to the Group is as follows:

Company name	Principal place of business	<u>Shareholding ratio</u>		Nature of relationship	Method of measurement
		December 31, 2019	December 31, 2018		
Formosa Petrochemical Corp.	Taiwan	24.15%	24.15%	Investments accounted for using equity method	Equity method

- (b) The summarised financial information of the associate that is material to the Group is shown below:

Balance sheets

	Formosa Petrochemical Corp.	
	December 31, 2019	December 31, 2018
Current assets	\$ 227,523,818	\$ 232,518,997
Non-current assets	159,513,535	168,219,257
Current liabilities	(35,694,376)	(50,039,507)
Non-current liabilities	(21,119,916)	(12,960,539)
Total net assets	<u>\$ 330,223,061</u>	<u>\$ 337,738,208</u>
Share in associate's net assets	\$ 79,748,869	\$ 81,563,777
Unrealised profit from sale of upstream transactions eliminations	(140,915)	27,418
Net differences in share capital	(110,719)	(110,719)
Carrying amount of the associate	<u>\$ 79,497,235</u>	<u>\$ 81,480,476</u>

Statements of comprehensive income

	Formosa Petrochemical Corp.	
	For the year ended December 31, 2019	For the year ended December 31, 2018
Revenue	<u>\$ 643,824,935</u>	<u>\$ 765,493,218</u>
Profit for the year from continuing operations	\$ 36,798,213	\$ 60,090,225
Other comprehensive income (loss), net of tax	1,397,296	(10,066,058)
Total comprehensive income	<u>\$ 38,195,509</u>	<u>\$ 50,024,167</u>
Dividends received from associates	<u>\$ 11,043,840</u>	<u>\$ 14,495,039</u>

- (c) The carrying amount of the Group's interests in all individually immaterial associates and the Group's share of the operating results are summarised below:

As of December 31, 2019 and 2018, the carrying amount of the Group's individually immaterial associates amounted to \$38,898,391 and \$32,995,996, respectively.

	For the year ended December 31, 2019	For the year ended December 31, 2018
Profit for the year from continuing operations	\$ 4,054,495	\$ 1,785,163
Other comprehensive loss, net of tax	(5,586,192)	(2,647,098)
Total comprehensive loss	<u>(\$ 1,531,697)</u>	<u>(\$ 861,935)</u>

(d) The fair value of the Group's associates which have quoted market price was as follows:

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
Formosa Petrochemical Corp.	\$ 224,327,981	\$ 250,787,178
Kuang Yueh Co., Ltd.	2,826,494	1,952,512
Formosa Advanced Technologies Co., Ltd.	<u>5,061,105</u>	<u>-</u>
	<u>\$ 232,215,580</u>	<u>\$ 252,739,690</u>

- C. The investments accounted for using equity method were based on the investees' audited financial statements for the years ended December 31, 2019 and 2018.
- D. The Board of Directors resolved to invest USD 45,450 thousand on March 15, 2019. The actual investment amounted to USD 24,750 thousand, equivalent to 33% ownership, in FG INC. on March 28, 2019.
- E. On August 8, 2019, the Board of Directors of the Company resolved to increase its investment in the reinvested company, Formosa Environmental Technology Corp. The Company participated in the capital increase proportionately to its shareholding ratio, 25%, in the amount of USD 81,250 thousand. The actual investment was USD 50,000 thousand on August 19, 2019.
- F. On December 13, 2019, the Board of Directors resolved to increase its capital in Formosa Synthetic Rubber Corp. amounting to US\$46,000 thousand, equivalent to a 33.33% equity interest.
- G. On May 4, 2018, the Board of Directors resolved to increase its capital in Formosa Synthetic Rubber Corp. (Hong Kong) amounting to US\$65,000 thousand, equivalent to a 31.82% equity interest.
- H. The Group's associate, Formosa Plastic Transport Corp., merged with Su Hua Transport Corp. on July 1, 2018, and Formosa Plastic Transport Corp. was the surviving company after the merger.
- I. As of December 31, 2019 and 2018, no equity investments by the Group were pledged to others.

(7) Property, plant and equipment

	Land and land improvements	Buildings	Machinery equipment	Transportation and other equipment	Construction in progress and equipment to be inspected	Total
<u>At January 1, 2019</u>						
Cost	\$ 12,007,208	\$ 48,572,743	\$ 305,388,135	\$ 14,832,983	\$ 14,084,103	\$ 394,885,172
Accumulated depreciation and impairment	(170,353)	(25,280,326)	(227,553,031)	(12,782,822)	-	(265,786,532)
	<u>\$ 11,836,855</u>	<u>\$ 23,292,417</u>	<u>\$ 77,835,104</u>	<u>\$ 2,050,161</u>	<u>\$ 14,084,103</u>	<u>\$ 129,098,640</u>
<u>2019</u>						
Opening net book amount	\$ 11,836,855	\$ 23,292,417	\$ 77,835,104	\$ 2,050,161	\$ 14,084,103	\$ 129,098,640
Additions	16,285	-	196,121	165,386	16,429,467	16,807,259
Disposals	(7,229)	(150)	(166,475)	(5,627)	-	(179,481)
Reclassifications	(7,892)	(289,895)	9,993,366	333,244	(9,286,494)	742,329
Depreciation charge	(2,886)	(1,486,989)	(11,362,798)	(345,858)	-	(13,198,531)
Depreciation charge- discontinued operations	-	-	(1,406,502)	(77,599)	-	(1,484,101)
Disposals- discontinued operations	-	-	(4,569,118)	(83,206)	(690,867)	(5,343,191)
Net exchange difference	<u>1,618</u>	<u>(365,318)</u>	<u>(1,006,303)</u>	<u>(17,158)</u>	<u>(384,711)</u>	<u>(1,771,872)</u>
Closing net book amount	<u>\$ 11,836,751</u>	<u>\$ 21,150,065</u>	<u>\$ 69,513,395</u>	<u>\$ 2,019,343</u>	<u>\$ 20,151,498</u>	<u>\$ 124,671,052</u>
<u>At December 31, 2019</u>						
Cost	\$ 12,006,023	\$ 47,389,611	\$ 287,677,051	\$ 11,160,902	\$ 20,151,498	\$ 378,385,085
Accumulated depreciation and impairment	(169,272)	(26,239,546)	(218,163,656)	(9,141,559)	-	(253,714,033)
	<u>\$ 11,836,751</u>	<u>\$ 21,150,065</u>	<u>\$ 69,513,395</u>	<u>\$ 2,019,343</u>	<u>\$ 20,151,498</u>	<u>\$ 124,671,052</u>

	Land and land improvements	Buildings	Machinery equipment	Transportation and other equipment	Construction in progress and equipment to be inspected	Total
<u>At January 1, 2018</u>						
Cost	\$ 8,736,490	\$ 46,210,594	\$ 297,714,457	\$ 14,717,555	\$ 12,297,410	\$ 379,676,506
Accumulated depreciation and impairment	(170,336)	(23,839,792)	(217,765,081)	(12,555,679)	-	(254,330,888)
	<u>\$ 8,566,154</u>	<u>\$ 22,370,802</u>	<u>\$ 79,949,376</u>	<u>\$ 2,161,876</u>	<u>\$ 12,297,410</u>	<u>\$ 125,345,618</u>
<u>2018</u>						
Opening net book amount	\$ 8,566,154	\$ 22,370,802	\$ 79,949,376	\$ 2,161,876	\$ 12,297,410	\$ 125,345,618
Additions	3,613,705	1,030,848	332,403	161,642	14,332,403	19,471,001
Disposals	(342,679)	(283)	(187,840)	(7,444)	(25,015)	(563,261)
Reclassifications	-	1,488,140	10,848,784	186,088	(12,453,806)	69,206
Depreciation charge	(294)	(1,485,971)	(12,494,837)	(450,179)	-	(14,431,281)
Impairment loss	-	(37,937)	(275,918)	-	-	(313,855)
Net exchange difference	(31)	(73,261)	(336,074)	(2,533)	(66,889)	(478,788)
Closing net book amount	<u>\$ 11,836,855</u>	<u>\$ 23,292,338</u>	<u>\$ 77,835,894</u>	<u>\$ 2,049,450</u>	<u>\$ 14,084,103</u>	<u>\$ 129,098,640</u>
<u>At December 31, 2018</u>						
Cost	\$ 12,007,208	\$ 48,397,930	\$ 299,599,240	\$ 14,826,895	\$ 14,084,103	\$ 388,915,376
Accumulated depreciation and impairment	(170,353)	(25,105,592)	(221,763,346)	(12,777,445)	-	(259,816,736)
	<u>\$ 11,836,855</u>	<u>\$ 23,292,338</u>	<u>\$ 77,835,894</u>	<u>\$ 2,049,450</u>	<u>\$ 14,084,103</u>	<u>\$ 129,098,640</u>

- A. Amount of borrowing costs capitalised as part of property, plant and equipment and the range of the interest rates for such capitalisation are as follows:

	For the years ended December 31,	
	2019	2018
Amount capitalised	<u>\$ 88,772</u>	<u>\$ 84,574</u>
Interest rate	<u>0.98%~4.45%</u>	<u>0.98%~4.45%</u>

- B. On May 4, 2018, the Board of Directors, considering the future growth of the business, resolved to purchase office buildings and other property in the Taipei CBD complex, located on Nanjing East Road of the Neihu District in Taipei, from non-related parties, Trans Globe Life Insurance Inc. and Meifu Development Co., Ltd. The total transaction amount was \$4,675 million.
- C. Under the regulations, land may only be owned by individuals. Thus, the Group has already obtained ownership of the agricultural land for future plant expansion which was acquired by the Group under the name of a third party, who has pledged the full amount to the Company. As of December 31, 2019 and 2018, the pledged amount was \$822,993.
- D. Information about the property, plant and equipment that were pledged to others as collateral is provided in Note 8.
- E. The Group recognised impairment loss for the years ended December 31, 2019 and 2018. Details of such loss are as follows:

	For the years ended December 31,			
	2019		2018	
	Recognised in profit or loss	Recognised in other comprehensive income	Recognised in profit or loss	Recognised in other comprehensive income
Impairment loss —				
Buildings	\$ -	\$ -	\$ 37,937	\$ -
Impairment loss —				
Machinery and equipment	-	-	275,918	-
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 313,855</u>	<u>\$ -</u>

- F. The impairment loss reported by operating segments is as follows:

	For the years ended December 31,			
	2019		2018	
	Recognised in profit or loss	Recognised in other comprehensive income	Recognised in profit or loss	Recognised in other comprehensive income
Engineering and Utility Division	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 313,855</u>	<u>\$ -</u>

(8) Leasing arrangements — lessee

Effective 2019

- A. The Group leases various assets including land and buildings. Rental contracts are typically made for periods of 2 to 49 years. Lease terms are negotiated on an individual basis and contain a wide range of different terms and conditions. The lease agreements do not impose covenants, but leased

assets may not be used as security for borrowing purposes.

B. The carrying amount of right-of-use assets and the depreciation charge are as follows:

	December 31, 2019	For the year ended December 31, 2019
	Carrying amount	Depreciation charge
Land	\$ 1,608,932	\$ 166,894
Buildings	36,267	32,122
	<u>\$ 1,645,199</u>	<u>\$ 199,016</u>

C. For the year ended December 31, 2019, the additions to right-of-use assets was \$216,013.

D. The information on profit and loss accounts relating to lease contracts is as follows:

	For the year ended December 31, 2019
Items affecting profit or loss	
Interest expense on lease liabilities	\$ 11,725
Expense on short-term lease contracts	7,371
Expense on leases of low-value assets	49
Expense on variable lease payments	6,895
Gain on sublease of right-of-use assets	5,427

E. For the year ended December 31, 2019, the Group's total cash outflow for leases was \$170,160.

(9) Non-current assets held for sale and discontinued operations.

A. On December 13, 2019, the Board of Directors of Formosa Taffeta Co., Ltd. resolved to dispose its 16% equity interest in Formosa Advanced Technologies Co. to Nab Ya Technology Corp. and Nan Ya PCB Corp. Consequently, on December 16, 2019, Formosa Taffeta Co., Ltd. lost control but retained significant influence over Formosa Advanced Technologies Co. After the disposal, it was reclassified from a consolidated subsidiary to 'investments accounted for using equity method'. Please refer to Note 6(6) for more information. The disposal was presented as discontinued operation for meeting the definition of discontinued operation. Accordingly, the Group made a restatement to the recognised profit or loss in relation to Formosa Advanced Technologies Co. rather than retrospective adjustment for the year ended December 31, 2018.

B. The cash flow information of the discontinued operations is as follows:

	For the year ended December 31, 2019	For the year ended December 31, 2018
Operating cash flows	\$ 2,328,305	\$ 2,266,218
Investing cash flows	(1,495,386)	(3,372,679)
Financing cash flows	(1,142,420)	(1,105,556)
Total cash flows	<u>(\$ 309,501)</u>	<u>(\$ 2,212,017)</u>

C. Analysis of the result of discontinued operations, and the result recognised on the remeasurement of assets or disposal group, is as follows:

	For the year ended December 31, 2019	For the year ended December 31, 2018
Revenue	\$ 8,867,872	\$ 8,785,525
Cost	(7,302,136)	(7,111,588)
Expenses	(163,405)	(161,002)
Non-operating income and expenses	<u>123,723</u>	<u>238,018</u>
Profit before tax of discontinued operations	1,526,054	1,750,953
Income tax	<u>(323,524)</u>	<u>(330,660)</u>
Profit after tax of discontinued operations	<u>\$ 1,202,530</u>	<u>\$ 1,420,293</u>

Analysis of the result of the Group's disposal of equity interest in Formosa Advanced Technologies Co., and the gain recognised in profit and loss on disposal, is as follows:

	For the year ended December 31, 2019
Gain on disposal of equity	\$ 684,314
Gain on remeasurement of remaining investments at fair value	<u>1,332,446</u>
Gain on disposal of discontinuing operations	<u>\$ 2,016,760</u>

(10) Short-term loans and short-term notes and bills payable

Type of loans	December 31, 2019	Interest rate range	Collateral
OA loans	\$ 12,324	0.37%	None
Secured loans	3,741,053	1.40%~3.88%	Note 8
Unsecured loans	28,616,246	0.85%~3.49%	None
Total short-term loans	<u>\$ 32,369,623</u>		
Short-term notes and bills payable	\$ 14,400,000	0.61%~0.88%	None
Short-term notes and bills payable discount	(3,630)		
Net short-term notes and bills payable	<u>\$ 14,396,370</u>		

Type of loans	December 31, 2018	Interest rate range	Collateral
Secured loans	3,638,538	1.40%~3.88%	Note 8
Unsecured loans	28,309,503	0.90%~4.35%	None
Total short-term loans	<u>\$ 31,948,041</u>		
Short-term notes and bills payable	\$ 12,500,000	0.50%~0.88%	None
Short-term notes and bills payable discount	(9,457)		
Net short-term notes and bills payable	<u>\$ 12,490,543</u>		

(11) Financial liabilities at fair value through profit or loss

Items	December 31, 2019	December 31, 2018
Current items:		
Derivatives	<u>\$ 80</u>	<u>\$ 774</u>

A. Amounts recognised in profit or loss in relation to financial liabilities at fair value through profit or loss are listed below:

Items	December 31, 2019	December 31, 2018
Derivatives	<u>\$ 694</u>	<u>(\$ 774)</u>

B. The non-hedging derivative instruments transaction and contract information are as follows:

Derivative Financial Liabilities	December 31, 2019		December 31, 2018	
	Contract Amount		Contract Amount	
	(Notional Principal)		(Notional Principal)	
	(in thousands)	Contract Period	(in thousands)	Contract Period
Current items:				
Forward foreign exchange				
Taipei Fubon	JPY 86,800	2019.02~2020.02	JPY 50,000	2018.12~2019.02
Taipei Fubon	-	-	JPY 56,800	2018.12~2019.02
Chang Hwa	-	-	JPY 50,000	2018.12~2019.01
Chang Hwa	-	-	JPY 50,210	2018.12~2019.01

(12) Bonds payable

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
Bonds payable		
Domestic unsecured nonconvertible corporate bonds	\$ 34,850,000	\$ 34,050,000
Less: Current portion	(2,750,000)	(6,200,000)
	<u>\$ 32,100,000</u>	<u>\$ 27,850,000</u>

The terms of nonconvertible corporate bonds were as follows:

Description	Issuance date	Maturity date	Yield rate (%)	Issued principal amount	December 31, 2019	December 31, 2018	Note
<u>2012</u>							
First issued domestic unsecured nonconvertible corporate bonds - B	2012.7.26	2018.7.26~ 2019.7.26	1.40	\$ 3,000,000	\$ -	\$ 1,500,000	Serial bonds, to be settled 50%, 50%
Second issued domestic unsecured nonconvertible corporate bonds - B	2012.12.7	2018.12.7~ 2019.12.7	1.36	3,900,000	-	1,950,000	Serial bonds, to be settled 50%, 50%
Second issued domestic unsecured nonconvertible corporate bonds - C	2012.12.7	2021.12.7~ 2022.12.7	1.51	4,100,000	4,100,000	4,100,000	Serial bonds, to be settled 50%, 50%
Third issued domestic unsecured nonconvertible corporate bonds - A	2013.1.22	2019.1.22~ 2020.1.22	1.34	2,800,000	1,400,000	2,800,000	Serial bonds, to be settled 50%, 50%
Third issued domestic unsecured nonconvertible corporate bonds - B	2013.1.22	2022.1.22~ 2023.1.22	1.50	2,200,000	2,200,000	2,200,000	Serial bonds, to be settled 50%, 50%
<u>2013</u>							
First issued domestic unsecured nonconvertible corporate bonds - B	2013.7.8	2019.7.8~ 2020.7.8	1.38	\$ 2,700,000	\$ 1,350,000	\$ 2,700,000	Serial bonds, to be settled 50%, 50%

Description	Issuance date	Maturity date	Yield rate (%)	Issued principal amount	December 31, 2019	December 31, 2018	Note
First issued domestic unsecured nonconvertible corporate bonds - C	2013.7.8	2022.7.8~ 2023.7.8	1.52	2,800,000	2,800,000	2,800,000	Serial bonds, to be settled 50%, 50%
Second issued domestic unsecured nonconvertible corporate bonds	2014.1.17	2025.1.17~ 2026.1.17	2.03	10,000,000	10,000,000	10,000,000	Serial bonds, to be settled 50%, 50%
<u>2014</u>							
First issued domestic unsecured nonconvertible corporate bonds-A	2014.7.4	2023.7.4 ~ 2024.7.4	1.81	1,400,000	1,400,000	1,400,000	Serial bonds, to be settled 50%, 50%
First issued domestic unsecured nonconvertible corporate bonds-B	2014.7.4	2028.7.4 ~ 2029.7.4	2.03	4,600,000	4,600,000	4,600,000	Serial bonds, to be settled 50%, 50%
<u>2019</u>							
First issued domestic unsecured nonconvertible corporate bonds - A	2019.5.13	2019.5.13~ 2029.5.13	0.75	3,300,000	3,300,000		- Serial bonds, to be settled 50%, 50%
First issued domestic unsecured nonconvertible corporate bonds - B	2019.5.13	2019.5.13~ 2026.5.13	0.83	3,000,000	3,000,000		- Serial bonds, to be settled 50%, 50%
First issued domestic unsecured nonconvertible corporate bonds - C		2019.5.13~ 2029.5.13					Serial bonds, to be settled 50%, 50%
	2019.5.13	2029.5.13	0.93	\$ 700,000	\$ 700,000	\$ -	
					36,200,000	36,750,000	
Less: Current portion of bonds payable					(2,750,000)	(6,200,000)	
					<u>\$ 33,450,000</u>	<u>\$ 30,550,000</u>	

(13) Long-term bank loans and notes payable

Type of loans	Borrowing period/repayment term	Interest rate range	Collateral	December 31, 2019
Long-term bank loans				
Unsecured loans				
Taipei Fubon Bank	Jun. 10, 2019 ~ Jun. 10, 2024, each 50% of principal is payable starting from 4 years and 5 years after the first drawdown	LIBOR+0.78% (if TAIFX is higher than LIBOR+0.42%, the difference between TAIFX and LIBOR+0.42% is payable by the borrower)	None	\$ 4,526,367
Sumitomo Mitsui Banking Corporation	Oct. 16, 2014 ~ Jul. 22, 2019, domestic: one hundred million principal payable semi-annually after Apr. 16, 2017; overseas: one hundred and ten million payable semi-annually after Apr. 16, 2017 with a two-year extension	LIBOR+1.55%	"	1,151,507
Sumitomo Mitsui Banking Corporation	Oct. 16, 2014 ~ Jul. 22, 2019, principal payable semi-annually after Apr. 16, 2017 with a two-year extension	LIBOR+1.45% and TAIFX+0.4% higher	"	55,523

Type of loans	Borrowing period/repayment term	Interest rate range	Collateral	December 31, 2019
Mega International Commercial Bank	Oct. 23, 2017 ~ Oct. 23, 2022, principal payable semi-annually after 18 months	1 to 5 years (including 5 years) rate of CBC, 4.75%	None	\$ 403,934
Mega International Commercial Bank	Nov. 17, 2016 ~ Nov. 17, 2021, principal payable semi-annually after 18 months	1 to 5 years (including 5 years) rate of CBC, 4.75%	"	1,179,866
Chang Hwa Bank	Sep. 7, 2017 ~ Sep. 7, 2022, principal payable semi-annually after 36 months	1 to 5 years (including 5 years) rate of CBC, 4.75%	"	181,252
Hua Nan Bank	Apr. 15, 2019 ~ Jan. 15, 2020, principal payable at maturity date	1.03%	"	500,000
Sino Pac Bank	Jun. 19, 2019 ~ Jun. 19, 2021, payable in full at maturity	1.02%	"	300,000
First Commercial Bank	Sep. 10, 2019 ~ Sep. 10, 2021, payable in full at maturity	1.02%	"	1,500,000
Mizuho Corporate Bank	Aug. 16, 2019 ~ Aug. 16, 2021, payable in full at maturity	1.00%	"	500,000
E. Sun Bank	Nov. 20, 2018 ~ Nov. 19, 2021, payable in full at maturity	1.03%	"	200,000
China Trust Bank	Sep. 17, 2019 ~ Sep. 17, 2021, payable in full at maturity	1.03%	"	500,000

Type of loans	Borrowing period/repayment term	Interest rate range	Collateral	December 31, 2019
Taipei Fubon Bank	Oct. 22, 2019 ~ Apr. 17, 2022, payable in full at maturity	0.89%	"	\$ 1,000,000
Bangkok Bank	Dec. 3, 2018 ~ Dec. 2, 2022, payable in full at maturity	1.03%	"	200,000
Far Eastern International Bank	Sep. 20, 2019 ~ Sep. 6, 2022, payable in full at maturity	1.00%	"	700,000
Mega International Commercial Bank	Aug. 21, 2019 ~ Aug. 21, 2021, payable in full at maturity	0.98%	"	1,000,000
Secured loans				
Mega International Commercial Bank	Apr. 21, 2014 ~ Apr. 21, 2021, principal payable semi-annually after Apr. 21, 2017; interest payable monthly	1.63%	Land	4,033,333
Hua Nan Bank China Trust Bank ANZ	Apr. 1, 2018 ~ Mar. 31, 2021, principal payable annually	4.40%~4.45%	Endorsement and guarantees of Formosa Taffeta Co., Ltd.	119,783
				<u>18,051,565</u>
Less: Current portion of long-term loans				(<u>3,937,482</u>)
				<u>\$ 14,114,083</u>

Type of loans	Borrowing period/repayment term	Interest rate range	Collateral	December 31, 2018
Long-term bank loans				
Unsecured loans				
Japanese Mitsubishi Bank	Mar. 29, 2016 ~ Mar. 29, 2019, payable at maturity date; interest payable monthly	1.05%~1.08%	None	\$ 3,000,000
Sumitomo Mitsui Banking Corporation	Dec. 6, 2018 ~ Dec. 6, 2020, principal payable semi-annually; interest payable monthly	0.80%	"	800,000
China Trust Bank	Aug. 24, 2015 ~ Aug. 24, 2020, payable in full after Aug. 24, 2018 or payable in full at maturity with a two-year extension	LIBOR+1.25% (if TAI FX is higher than LIBOR+0.35%, the difference between TAI FX and LIBOR+0.35% is payable by the borrower)	"	2,047,950
Sumitomo Mitsui Banking Corporation	Oct. 16, 2014 ~ Jul. 22, 2019, domestic: one hundred million principal payable semi-annually after Apr. 16, 2017; overseas: one hundred and ten million payable semi-annually after Apr. 16, 2017 with a two-year extension	LIBOR+1.55%	"	1,847,774
Sumitomo Mitsui Banking Corporation	Oct. 16, 2014 ~ Jul. 22, 2019, principal payable semi-annually after Apr. 16, 2017 with a two-year extension	LIBOR+1.45% and TAI FX+0.4% higher	"	1,662,997

Type of loans	Borrowing period/repayment term	Interest rate range	Collateral	December 31, 2018
Mega International Commercial Bank	Oct. 23, 2017 ~ Oct. 23, 2022, principal payable semi-annually after 18 months	1 to 5 years (including 5 years) rate of CBC, 4.75%	None	\$ 465,706
Mega International Commercial Bank	Nov. 17, 2016 ~ Nov. 17, 2021, principal payable semi-annually after 18 months	1 to 5 years (including 5 years) rate of CBC, 4.75%	"	1,382,340
Mega International Commercial Bank	Jan. 5, 2018 ~ Jan. 5, 2023, interest payable quarterly, principal payable in 5 installments semi-annually from Jan. 2021	1 to 5 years (including 5 years) rate of CBC, 4.75%	"	461,228
Chang Hwa Bank	Sep. 7, 2017 ~ Sep. 7, 2022, principal payable semi-annually after 36 months	1 to 5 years (including 5 years) rate of CBC, 4.75%	"	376,147
Hua Nan Bank	Feb. 3, 2017 ~ Feb. 3, 2020, principal payable at maturity date	LIBOR+1.35%	"	148,892
Hua Nan Bank	Nov. 15, 2018 ~ Jan. 15, 2020, payable in full at maturity	1.03%	"	700,000
Sino Pac Bank	Jun. 19, 2018 ~ Jun. 19, 2020, payable in full at maturity	1.02%	"	300,000
First Commercial Bank	Sep. 20, 2018 ~ Sep. 15, 2020, payable in full at maturity	1.02%	"	1,500,000

Type of loans	Borrowing period/repayment term	Interest rate range	Collateral	December 31, 2018
Mizuho Corporate Bank	Aug. 17, 2018 ~ Aug. 17, 2020, payable in full at maturity	1.03%	None	\$ 900,000
E. Sun Bank	Nov. 20, 2018 ~ Nov. 19, 2021, payable in full at maturity	1.03%	"	200,000
China Trust Bank	Sep. 20, 2018 ~ Sep. 20, 2020, payable in full at maturity	1.00%	"	500,000
KGI Bank	Oct. 23, 2018 ~ Jun. 20, 2020, payable in full at maturity	1.04%	"	200,000
Taipei Fubon Bank	Oct. 23, 2018 ~ Mar. 23, 2020, payable in full at maturity	1.04%	"	200,000
Bangkok Bank	Dec. 3, 2018 ~ Dec. 2, 2020, payable in full at maturity	1.03%	"	200,000
Far Eastern International Bank	Sep. 22, 2017 ~ Sep. 20, 2020, payable in full at maturity	1.00%	"	700,000
HSBC	Dec. 10, 2018 ~ Dec. 10, 2020, payable in full at maturity	1.01%	"	1,500,000

Type of loans	Borrowing period/repayment term	Interest rate range	Collateral	December 31, 2018
Mega International Commercial Bank	Sep. 20, 2018 ~ Sep. 20, 2020, payable in full at maturity	0.98%	None	\$ 1,000,000
Secured loans				
Mega International Commercial Bank	Apr. 21, 2014 ~ Apr. 21, 2021, principal payable semi- annually after Apr. 21, 2017; interest payable monthly	1.63%	Land	6,722,222
Hua Nan Bank China Trust Bank ANZ	Apr. 1, 2018 ~ Mar. 31, 2021, principal payable annually	4.40%~4.45%	Endorsement and guarantees of Formosa Taffeta Co., Ltd.	292,199
				27,107,455
Less: Current portion of long-term loans				(10,355,497)
				<u>\$ 16,751,958</u>

- A. The collaterals for long-term bank loans are described in Note 8.
- B. The Group has signed contracts for syndicated loans with Mega Bank and others on November 14, 2013 to finance plant construction for Formosa Ha Tinh Steel Corp. Information is as follows:
- (a) Total credit line: \$12,100,000
- (b) Interest rate: Based on the agreement with the banks
- (c) Period: 7 years
- (d) Collateral: Land in Six Naphtha Cracking Plant, Mailiao Township, Yunlin County
- The Group is required to meet certain financial covenants, namely liability ratio (liabilities/net equity) of less than 150% and current ratio (current assets/current liabilities) of above 100% at the end of each year. In the event the Group fails to meet the required covenants, a capital increase has to be completed by June of the following year.
- C. Formosa Industries Corp.'s long-term borrowing from banks is for the plant construction. The borrowing is guaranteed by Nan Ya Plastics Corp.'s drawn note of \$602,120.

(14) Pensions

A. (a) The Company and its domestic subsidiaries have a defined benefit pension plan in accordance with the Labor Standards Law, covering all regular employees' service years prior to the enforcement of the Labor Pension Act on July 1, 2005 and service years thereafter of employees who chose to continue to be subject to the pension mechanism under the Law. Under the defined benefit pension plan, two units are accrued for each year of service for the first 15 years and one unit for each additional year thereafter, subject to a maximum of 45 units. Pension benefits are based on the number of units accrued and the average monthly salaries and wages of the last 6 months prior to retirement. The Company and its domestic subsidiaries contribute monthly an amount equal to 2% of the employees' monthly salaries and wages to the retirement fund deposited with Bank of Taiwan, the trustee, under the name of the independent retirement fund committee. Also, the Company and its domestic subsidiaries would assess the balance in the aforementioned labor pension reserve account by December 31, every year. If the account balance is insufficient to pay the pension calculated by the aforementioned method to the employees expected to qualify for retirement in the following year, the Company and its domestic subsidiaries will make contributions for the deficit by next March.

(b) The amounts recognised in the balance sheet are as follows:

	December 31, 2019	December 31, 2018
Present value of defined benefit obligations	\$ 10,966,252	\$ 11,410,796
Fair value of plan assets	(4,518,815)	(4,736,712)
Net defined benefit liability	<u>\$ 6,447,437</u>	<u>\$ 6,674,084</u>

(c) Movements in net defined benefit liabilities are as follows:

	Present value of defined benefit obligations	Fair value of plan assets	Net defined benefit liability
<u>Year ended December 31, 2019</u>			
Balance at January 1	\$ 11,410,796	(\$ 4,736,712)	\$ 6,674,084
Current service cost	106,300	-	106,300
Interest expense (income)	140,466	(58,984)	81,482
Settlement profit or loss	-	-	-
	<u>11,657,562</u>	<u>(4,795,696)</u>	<u>6,861,866</u>
Remeasurements:			
Return on plan assets	-	(159,271)	(159,271)
Change in financial assumptions	153,401	-	153,401
Experience adjustments	445,637	-	445,637
Disposal-discontinued operations	(173,512)	88,887	(84,625)
	<u>425,526</u>	<u>(70,384)</u>	<u>355,142</u>
Pension fund contribution	-	(126,548)	(126,548)
Paid pension	(1,116,836)	473,813	(643,023)
Balance at December 31	<u>\$ 10,966,252</u>	<u>(\$ 4,518,815)</u>	<u>\$ 6,447,437</u>
	Present value of defined benefit obligations	Fair value of plan assets	Net defined benefit liability
<u>Year ended December 31, 2018</u>			
Balance at January 1	\$ 11,640,955	(\$ 4,601,536)	\$ 7,039,419
Current service cost	118,619	-	118,619
Interest expense (income)	145,511	(58,502)	87,009
Settlement profit or loss	(60)	60	-
	<u>11,905,025</u>	<u>(4,659,978)</u>	<u>7,245,047</u>
Remeasurements:			
Return on plan assets	-	(127,505)	(127,505)
Change in financial assumptions	4,890	-	4,890
Experience adjustments	141,995	-	141,995
	<u>146,885</u>	<u>(127,505)</u>	<u>19,380</u>
Pension fund contribution	-	(241,790)	(241,790)
Paid pension	(641,114)	292,561	(348,553)
Balance at December 31	<u>\$ 11,410,796</u>	<u>(\$ 4,736,712)</u>	<u>\$ 6,674,084</u>

(d) The Bank of Taiwan was commissioned to manage the Fund of the Company's and domestic subsidiaries' defined benefit pension plan in accordance with the Fund's annual investment

and utilisation plan and the “Regulations for Revenues, Expenditures, Safeguard and Utilisation of the Labor Retirement Fund” (Article 6: The scope of utilisation for the Fund includes deposit in domestic or foreign financial institutions, investment in domestic or foreign listed, over-the-counter, or private placement equity securities, investment in domestic or foreign real estate securitization products, etc.). With regard to the utilization of the Fund, its minimum earnings in the annual distributions on the final financial statements shall be no less than the earnings attainable from the amounts accrued from twoyear time deposits with the interest rates offered by local banks. If the earnings is less than aforementioned rates, government shall make payment for the deficit after being authorized by the Regulator. The Company and domestic subsidiaries have no right to participate in managing and operating that fund and hence the Company and domestic subsidiaries are unable to disclose the classification of plan assets fair value in accordance with IAS 19 paragraph 142. The composition of fair value of plan assets as of December 31, 2019 and 2018 is given in the Annual Labor Retirement Fund Utilisation Report announced by the government.

(e) The principal actuarial assumptions used were as follows:

	Year ended December 31, 2019	Year ended December 31, 2018
Discount rate	1.5%	1.5%
Future salary increases	1%~2.85%	1%~2.85%

Assumptions regarding future mortality experience are set based on actuarial advice in accordance with published statistics and experience in each territory. Because the main actuarial assumption changed, the present value of defined benefit obligation is affected. The analysis was as follows:

	Discount rate		Future salary increases	
	Increase 0.25%	Decrease 0.25%	Increase 0.35%	Decrease 0.35%
<u>December 31, 2019</u>				
Effect on present value of defined benefit obligation	(\$ 181,420)	\$ 188,556	\$ 271,185	(\$ 254,361)
	Discount rate		Future salary increases	
	Increase 0.25%	Decrease 0.25%	Increase 0.35%	Decrease 0.35%
<u>December 31, 2018</u>				
Effect on present value of defined benefit obligation	(\$ 202,857)	\$ 211,283	\$ 304,064	(\$ 343,959)

The sensitivity analysis above is based on one assumption which changed while the other conditions remain unchanged. In practice, more than one assumption may change all at once. The method of analysing sensitivity and the method of calculating net pension liability in the

balance sheet are the same.

The methods and types of assumptions used in preparing the sensitivity analysis did not change compared to the previous period.

(f) Expected contributions to the defined benefit pension plans of the Group for the year ending December 31, 2020 amount to \$130,914.

B. (a) From July 1, 2005, the Company and its domestic subsidiaries have established a defined contribution pension plan (the “New Plan”) under the Labor Pension Act (the “Act”), covering all regular employees with R.O.C. nationality. Under the New Plan, the Company and its domestic subsidiaries contribute monthly an amount based on 6% of the employees’ monthly salaries and wages to the employees’ individual pension accounts at the Bureau of Labor Insurance. The benefits accrued are paid monthly or in lump sum upon termination of employment.

(b) The Company’s mainland subsidiaries have a defined contribution plan. Monthly contributions to an independent fund administered by the government in accordance with the pension regulations in the People’s Republic of China (PRC) are based on certain percentage of employees’ monthly salaries and wages. The contribution percentage was 10~20% for the years ended December 31, 2019 and 2018. Other than the monthly contributions, the Group has no further obligations.

(c) The pension costs under the defined contribution pension plans of the Group for the years ended December 31, 2019 and 2018 were \$426,974 and \$407,794, respectively

(15) Capital stock

A. As of December 31, 2019, the Company’s authorised and paid-in capital was \$58,611,863, and total issued stocks was 5,861,186 thousand shares with a par value of \$10 per share. All proceeds from shares issued have been collected.

B. Changes in the treasury stocks for the years ended December 31, 2019 and 2018 are set forth below:

Reason for reacquisition	Subsidiary	For the year ended December 31, 2019			
		Beginning shares	Additions	Disposal	Ending shares
Parent company shares held by subsidiaries reclassified from long-term investment to treasury stock	Formosa Taffeta Co.	12,169,610	-	-	12,169,610
	Formosa Advanced Technologies Co.	15,249,000	1,563,000	(16,812,000)	-
		<u>27,418,610</u>	<u>1,563,000</u>	<u>(16,812,000)</u>	<u>12,169,610</u>

Reason for reacquisition	Subsidiary	For the year ended December 31, 2018			
		Beginning shares	Additions	Disposal	Ending shares
Parent company shares held by subsidiaries reclassified from long-term investment to treasury stock	Formosa Taffeta Co.	12,169,610	-	-	12,169,610
	Formosa Advanced Technologies Co.	15,249,000	-	-	15,249,000
		<u>27,418,610</u>	<u>-</u>	<u>-</u>	<u>27,418,610</u>

Note: On December 16, 2019, since Formosa Taffeta Co., Ltd. lost control over Formosa Advanced Technologies Co., it was excluded from the consolidated financial statements of the Company.

C. The market value of treasury stocks was \$87.5 and \$105 (in dollars) per share at December 31, 2019 and 2018, respectively.

D. The above treasury stocks of the parent company were purchased by subsidiaries.

(16) Capital surplus

Pursuant to the R.O.C. Company Act, capital surplus arising from paid-in capital in excess of par value on issuance of common stocks and donations can be used to cover accumulated deficit or to issue new stocks or cash to shareholders in proportion to their share ownership, provided that the Group has no accumulated deficit. Further, the R.O.C. Securities and Exchange Act requires that the amount of capital surplus to be capitalised mentioned above should not exceed 10% of the paid-in capital each year. Capital surplus should not be used to cover accumulated deficit unless the legal reserve is insufficient.

For the year ended December 31, 2019						
	Share premium	Conversion premium of corporate bonds	Treasury share transactions	Effect from net stockholding of associates recognised using equity method	Difference between stock price and book value for disposal of subsidiaries	Others
At January 1, 2019	\$ 2,710,554	\$ 5,514,032	\$ 269,792	\$ 371,892	\$ -	\$ 217,872
Dividends allocated to subsidiaries	-	-	44,726	-	-	-
Effect from net stockholding of associates recognised under the equity method	-	-	-	(4,649)	-	-
Changes in ownership interests in subsidiaries	-	-	2,170	5,604	163	-
Expired cash dividends reclassified to capital surplus	-	-	-	-	-	(156)
Overdue dividends are transferred to capital surplus	-	-	-	-	-	6,869
At December 31, 2019	<u>\$ 2,710,554</u>	<u>\$ 5,514,032</u>	<u>\$ 316,688</u>	<u>\$ 372,847</u>	<u>\$ 163</u>	<u>\$ 224,585</u>
For the year ended December 31, 2018						
	Share premium	Conversion premium of corporate bonds	Treasury share transactions	Effect from net stockholding of associates recognised using equity method	Difference between stock price and book value for disposal of subsidiaries	Others
At January 1, 2018	\$ 2,710,554	\$ 5,514,032	\$ 203,232	\$ 24,905	\$ 13,789	\$ 216,226
Dividends allocated to subsidiaries	-	-	58,076	-	-	-
Effect from net stockholding of associates recognised under the equity method	-	-	-	(22,638)	-	-
Changes in ownership interests in subsidiaries	-	-	8,484	369,565	(13,789)	-
Expired cash dividends reclassified to capital surplus	-	-	-	-	-	(532)
Overdue dividends are transferred to capital surplus	-	-	-	-	-	2,178
At December 31, 2018	<u>\$ 2,710,554</u>	<u>\$ 5,514,032</u>	<u>\$ 269,792</u>	<u>\$ 371,832</u>	<u>\$ -</u>	<u>\$ 217,872</u>

(17) Retained earnings

A. Under the Company's Articles of Incorporation, the current year's earnings, if any, shall first be used to pay all taxes and offset prior years' operating losses and then 10% of the remaining amount shall be set aside as legal reserve. The remaining balance is to be set aside as special reserve if necessary; and distributed to shareholders as interest on capital. The remaining balance for current year, after allocating for interest on capital, shall be accumulated with remaining balance of previous year. Bonus distributed shall be proposed by the Board of Directors and resolved by the stockholders.

The special reserve includes:

- (a) Reserve for a special purpose;
 - (b) Investment income recognised under equity method and deferred income tax assets arising from unused investment tax credits which are deemed unrealised and transferred to special reserve. Such investment income and deferred income tax assets are reclassified to unappropriated earnings only when they are realised;
 - (c) Net unrealised gains from financial instruments transactions. The special reserve for unrealised gains from financial instruments is reduced when the accumulated value of the unrealised gains also decreases; and
 - (d) Other special reserves as stipulated by other laws.
- B. The Group is in the mature stage and the profit is stable. The Board of Directors shall establish the cash dividend or stock dividend percentage. At least 50% of the distributable earnings after deducting the legal reserve, directors' and supervisors' remuneration, employee bonus and special reserves shall be distributed to stockholders. The Group would prefer cash dividend. If the Group requires funds for significant investments or needs to improve its financial structure, part of the dividend will be in the form of stocks which shall not exceed 50% of the total dividends.
- C. Except for covering accumulated deficit or issuing new stocks or cash to shareholders in proportion to their share ownership, the legal reserve shall not be used for any other purpose. The use of legal reserve for the issuance of stocks or cash to shareholders in proportion to their share ownership is permitted, provided that the distribution of the reserve is limited to the portion in excess of 25% of the Group's paid-in capital.
- D. In accordance with the regulations, the Group shall set aside special reserve from the debit balance on other equity items at the balance sheet date before distributing earnings. When debit balance on other equity items is reversed subsequently, the reversed amount could be included in the distributable earnings.
- E. The appropriations of 2018 and 2017 earnings had been resolved at the stockholders' meeting on June 5, 2019 and June 15, 2018, respectively. Details are as follows:

For the years ended December 31,				
2018		2017		
	Amount	Dividends per share (in dollars)	Amount	Dividends per share (in dollars)
Legal reserve	\$ 4,876,932		\$ 5,441,080	
Special reserve	7,040,540		6,564,296	
Cash dividends	36,339,355	\$ 6.20	41,028,304	\$ 7.00
	<u>\$ 48,256,827</u>		<u>\$ 53,033,680</u>	

Information about the appropriation of employees' bonus and directors' and supervisors' remuneration by the Group as proposed by the Board of Directors and resolved by the stockholders will be posted in the "Market Observation Post System" at the website of the Taiwan Stock Exchange.

- F. The resolution of the appropriations of the 2019 net income was approved by the Board of Directors during its meeting on March 13, 2020 as follows:

For the year ended December 31, 2019			
	Amount	Dividends per share (in dollars)	
Legal reserve	\$ 2,970,224		
Special reserve	6,156,414		
Cash dividends	22,272,508	\$ 3.80	
	<u>\$ 31,399,146</u>		

- G. Information relating to employees' bonuses and directors' and supervisors' remuneration is summarised in Note 6(24).

(18) Other equity items

	Hedging reserve	Unrealised gain (loss)	Currency translation	Total
At January 1, 2019	(\$ 15,865)	\$ 110,762,790	(\$ 1,813,251)	\$ 108,933,674
Revaluation:				
–Group	-	(2,944,594)	-	(2,944,594)
–Associates	-	(698,630)	-	(698,630)
Revaluation transferred to retained earnings:				
–Group	-	1,311	-	1,311
–Associates	-	-	-	-
Cash flow hedges:				
–Associates	16,524	-	-	16,524
Currency translation differences:				
–Group	-	-	(2,732,538)	(2,732,538)
–Tax of Group	-	-	542,926	542,926
–Associates	-	-	(557,743)	(557,743)
At December 31, 2019	<u>\$ 659</u>	<u>\$ 107,120,877</u>	<u>(\$ 4,560,606)</u>	<u>\$ 102,560,930</u>

	Hedging reserve	Gains (losses) on effective portion of cash flow hedges	Unrealised gain (loss)	Available-for- sale investment	Currency translation	Total
At January 1, 2018	\$ -	\$ 8,077	\$ -	\$ 111,213,200	(\$ 2,052,251)	\$ 109,169,026
Effects of retrospective application and retrospective restatement	8,077	(8,077)	125,624,639	(111,213,200)	-	14,411,439
Balance at January 1, 2018 after restatment	8,077	-	125,624,639	-	(2,052,251)	123,580,465
Revaluation:						
–Group	-	-	(12,149,629)	-	-	(12,149,629)
–Associates	-	-	(3,388,175)	-	-	(3,388,175)
Revaluation transferred to retained earnings:						
–Group	-	-	675,556	-	-	675,556
–Associates	-	-	399	-	-	399
Cash flow hedges:						
–Associates	(23,942)	-	-	-	-	(23,942)
Currency translation differences:						
–Group	-	-	-	-	(326,915)	(326,915)
–Tax of Group	-	-	-	-	116,104	116,104
–Associates	-	-	-	-	449,811	449,811
At December 31, 2018	<u>(\$ 15,865)</u>	<u>\$ -</u>	<u>\$ 110,762,790</u>	<u>\$ -</u>	<u>(\$ 1,813,251)</u>	<u>\$ 108,933,674</u>

(19) Operating revenue

	For the years ended December 31,	
	2019	2018
Sales revenue	\$ 323,481,616	\$ 406,840,725
Service revenue	475,094	521,498
Other operating revenue	410,225	497,542
	<u>324,366,935</u>	<u>407,859,765</u>
Less: Income from discontinued operations	(8,867,872)	(8,785,525)
	<u>\$ 315,499,063</u>	<u>\$ 399,074,240</u>

A. The Group derives revenue from the transfer of goods and services over time and at a point in time.

B. Contract assets

Formosa Advanced Technologies Co., Ltd. derives revenue from the transfer of IC packaging and testing services over time. The related contract assets are as follows:

	December 31, 2019	December 31, 2018
Contract assets—revenue	\$ -	\$ 788,643

C. The IC packaging and testing service contracts of Formosa Advanced Technologies Co., Ltd. all expire within one year. As permitted under IFRS 15, the transaction price allocated to these unsatisfied contracts is not disclosed.

(20) Other income

	For the years ended December 31,	
	2019	2018
Interest income:		
Interest income from bank deposits	\$ 262,524	\$ 401,947
Interest from current account with others	151,813	253,268
Other interest income	12,561	23,772
	426,898	678,987
Rental revenue	142,056	139,011
Dividend income	10,027,034	9,633,949
Other revenue-others	1,140,955	1,315,551
	11,736,943	11,767,498
Less: Other income from discontinued operations	(193,103)	(197,334)
	\$ 11,543,840	\$ 11,570,164

(21) Other gains and losses

	For the years ended December 31,	
	2019	2018
Gain on disposal of property, plant and equipment	\$ 8,364	\$ 843,722
Gain on disposal of investments	2,016,760	-
Net currency exchange gain	7,490	526,467
Net gain on financial assets (liabilities) at fair value through profit or loss	29,303	217,379
Impairment loss from reversal of property, plant and equipment	- (	313,855)
Other losses	(431,602)	(351,093)
	1,630,315	922,619
Less: Other gains and losses from discontinued operations	63,789 (	40,685)
	\$ 1,694,104	\$ 881,934

(22) Finance costs

	For the years ended December 31,	
	2019	2018
Interest expense:		
Bank loans	\$ 1,111,568	\$ 1,536,209
Corporate bonds	579,479	632,286
Current account with others	12,223	2,119
Discount	181,058	170,878
Other interest expenses	44,719	42,781
	1,929,047	2,384,273
Less: Capitalisation of qualifying assets	(88,772)	(84,574)
	1,840,275	2,299,699
Less: Finance costs of discontinued operations	(5,591)	(1)
Finance costs	\$ 1,834,684	\$ 2,299,698

(23) Expenses by nature

	For the years ended December 31,	
	2019	2018
Depreciation charges on property, plant and equipment and right-of-use assets	\$ 14,881,648	\$ 14,431,281
Employee benefit expense	16,898,756	15,556,789
Amortisation	3,601,074	4,404,062
	35,381,478	34,392,132
Less: Employee benefit expense of discontinued operations	(1,417,256)	(1,503,576)
Less: Depreciation charges on property, plant and equipment and right-of-use assets of discontinued operations	(1,484,101)	(1,094,060)
Less: Amortisation of discontinued operations	(115,760)	(83,382)
	\$ 32,364,361	\$ 31,711,114

(24) Employee benefit expense

	For the years ended December 31,	
	2019	2018
Wages and salaries	\$ 14,325,448	\$ 13,248,674
Labor and health insurance fees	1,268,742	1,027,251
Pension costs	668,571	613,422
Other personnel expenses	635,995	667,442
	16,898,756	15,556,789
Less: employee benefit expense of discontinued operations	(1,417,256)	(1,503,576)
	<u>\$ 15,481,500</u>	<u>\$ 14,053,213</u>

- A. In accordance with the Articles of Incorporation of the Company, a ratio of distributable profit before income tax of the current year, after covering accumulated losses, shall be distributed as employees' compensation. The ratio not lower than 0.05% and not higher than 0.5% for employees' compensation.
- B. For the years ended December 31, 2019 and 2018, employees' remuneration (bonuses) was accrued at \$31,930 and \$54,403, respectively. The aforementioned amount was recognised in salary expenses.

For the years ended December 31, 2019 and 2018, the employees' compensation was estimated and accrued based on approximately 0.1% of the retained earnings.

Employees' compensation for 2018 as resolved by the Board of Directors was in agreement with the amount of \$54,403 recognised in profit or loss for 2018. Employees' compensation for 2018 has been distributed.

Information about the appropriations of employees' bonus and directors' and supervisors' remuneration by the Company as proposed by the Board of Directors and resolved by the stockholders will be posted in the "Market Observation Post System" at the website of the Taiwan Stock Exchange.

(25) Income tax

A. Income tax expense

(a) Components of income tax expense:

	For the years ended December 31,	
	2019	2018
Current tax:		
Current tax on profits for the year	\$ 2,602,293	\$ 7,385,863
Land value increment tax is included in profit or loss	-	129,638
Alternative Minimum Tax	46,026	-
Tax on undistributed surplus earnings	828,903	753,050
Adjustments in respect of prior years	239,621	226,234
Total current tax	<u>3,716,843</u>	<u>8,494,785</u>
Deferred tax:		
Origination and reversal of temporary differences	467,100	8,093
Impact of tax rate changes	-	(229,688)
Effect of exchange rate	1,224	2,037
Total deferred tax	<u>468,324</u>	<u>(219,558)</u>
Less: Income tax of discontinued operations	<u>(323,524)</u>	<u>(330,660)</u>
Income tax expense	<u>\$ 3,861,643</u>	<u>\$ 7,944,567</u>

(b) The income tax charge relating to components of other comprehensive income is as follows:

	For the years ended December 31,	
	2019	2018
Currency translation differences	\$ 542,926	\$ 63,416
Impact of change in tax rate	-	52,688
	<u>\$ 542,926</u>	<u>116,104</u>

B. Reconciliation between income tax expense and accounting profit

	For the years ended December 31,	
	2019	2018
Tax calculated based on profit before tax and statutory tax rate	\$ 9,537,836	\$ 14,285,845
Expenses disallowed by tax regulation	(5,284,376)	(6,564,204)
Tax exempt and repealed income by tax regulation	(364,951)	(225,653)
Effect from net operating loss carryforward	(751,411)	(3,997)
Effect from changes in tax regulation of overseas subsidiaries	(66,481)	(325,686)
Additional tax on undistributed earnings	828,903	753,050
Under provision of prior year's income tax	239,621	226,234
Effect from Alternative Minimum Tax	46,026	-
Land value increment tax included in profit or loss	-	129,638
	4,185,167	8,275,227
Less: Income tax of discontinued operation	(323,524)	(330,660)
Income tax expense	<u>\$ 3,861,643</u>	<u>\$ 7,944,567</u>

C. Amounts of deferred tax assets or liabilities as a result of temporary differences and tax losses are as follows:

	For the year ended December 31, 2019				
	January 1	Recognised in profit or loss	in other comprehensive income	Disposal of discontinued operations	December 31
Deferred tax assets:					
Temporary differences:					
Currency translation differences	\$ 414,672	\$ -	\$ 542,926	\$ -	\$ 957,598
Unrealised gain from downstream transactions	107,991	(50,956)	-	-	57,035
Loss on inventory	200,858	69,675	-	(5,676)	264,857
Accrued pension liabilities	1,000,467	(103,197)	-	(9,235)	888,035
Impairment loss	221,986	(27,841)	-	-	194,145
Others	<u>366,885</u>	<u>(278,923)</u>	<u>-</u>	<u>(1,663)</u>	<u>86,299</u>
	<u>2,312,859</u>	<u>(391,242)</u>	<u>542,926</u>	<u>(16,574)</u>	<u>2,447,969</u>
Deferred tax liabilities:					
Temporary differences:					
Investment income accounted for using equity method	(284,293)	(93,315)	-	-	(377,608)
Depreciation useful life difference	(58,857)	9,585	-	-	(49,272)
Others	<u>(7,872)</u>	<u>7,872</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>(351,022)</u>	<u>(75,858)</u>	<u>-</u>	<u>-</u>	<u>(426,880)</u>
	<u>\$ 1,961,837</u>	<u>(\$ 467,100)</u>	<u>\$ 542,926</u>	<u>(\$ 16,574)</u>	<u>\$ 2,021,089</u>

For the year ended December 31, 2018

	January 1	Recognised in profit or loss	Recognised in other comprehensive income	December 31
Deferred tax assets:				
Temporary differences:				
Currency translation differences	\$ 298,568	\$ -	\$ 116,104	\$ 414,672
Unrealised gain from downstream transactions	50,246	57,745	-	107,991
Loss on inventory	141,336	59,522	-	200,858
Accrued pension liabilities	925,362	75,105	-	1,000,467
Impairment loss	156,623	65,363	-	221,986
Others	262,306	104,579	-	366,885
Net operating loss carryforward	49,388	(49,388)	-	-
	<u>1,883,829</u>	<u>312,926</u>	<u>116,104</u>	<u>2,312,859</u>
Deferred tax liabilities:				
Temporary differences:				
Unrealised gain on financial assets	(641)	641	-	-
Investment income accounted for using equity method	(170,157)	(114,136)	-	(284,293)
Unrealised exchange gain	(28,934)	28,934	-	-
Depreciation useful life difference	(59,959)	1,102	-	(58,857)
Others	-	(7,872)	-	(7,872)
	<u>(259,691)</u>	<u>(91,331)</u>	<u>-</u>	<u>(351,022)</u>
	<u>\$ 1,624,138</u>	<u>\$ 221,595</u>	<u>\$ 116,104</u>	<u>\$ 1,961,837</u>

D. Expiration dates of unused tax losses and amounts of unrecognised deferred tax assets are as follows:

December 31, 2019				
Year incurred	Amount filed/ assessed	Unused amount	Tax assets	Expiry year
2010	Assessed	\$ 16,770	\$ 16,770	2020
2011	Assessed	21,568	21,568	2021
2012	Assessed	29,604	29,604	2022
2013	Assessed	7,312	7,312	2023
2014	Assessed	11,448	11,448	2024
2015	Assessed	855,247	855,247	2025
2016	Assessed	1,739,957	1,739,957	2026
2017	Amount filed	120,868	120,868	2027
		<u>\$ 2,802,774</u>	<u>\$ 2,802,774</u>	

December 31, 2018				
Year incurred	Amount filed/ assessed	Unused amount	Tax assets	Expiry year
2009	Assessed	\$ 26,982	\$ 26,982	2019
2010	Assessed	16,770	16,770	2020
2011	Assessed	21,568	21,568	2021
2012	Assessed	29,604	29,604	2022
2013	Assessed	7,312	7,312	2023
2014	Assessed	1,628,743	1,628,743	2024
2015	Assessed	2,479,959	2,479,959	2025
2016	Amount filed	1,802,222	1,802,222	2026
2017	Amount filed	123,516	123,516	2027
		<u>\$ 6,136,676</u>	<u>\$ 6,136,676</u>	

E. The amounts of deductible temporary differences that were not recognised as deferred tax assets are as follows:

	December 31, 2019	December 31, 2018
Deductible temporary differences	<u>\$ 31,855</u>	<u>\$ 31,475</u>

F. The Company's income tax returns through 2017 have been assessed and approved by the Tax Authority.

G. Under the amendments to the Income Tax Act which was promulgated by the President of the Republic of China on February 7, 2018, the Company's applicable income tax rate was raised from 17% to 20% effective from January 1, 2018. The Group has assessed the impact of the change in income tax rate.

(26) Earnings per share

A. Basic earnings per share

Basic earnings per share is calculated by dividing the profit attributable to ordinary shareholders of the parent by the weighted average number of ordinary shares in issue during the period.

	For the year ended December 31, 2019				
	Amount		Weighted average number of ordinary shares outstanding (shares in thousands)	Earnings per share (in dollars)	
	Before tax	After tax		Before tax	After tax
<u>Basic earnings per share</u>					
Consolidated net income	\$ 38,633,523	\$ 34,448,357		\$ 6.62	\$ 5.91
Net income of non- controlling interest	(6,734,985)	(4,746,115)		(1.15)	(0.82)
Profit attributable to ordinary shareholders of the parent	<u>31,898,538</u>	<u>29,702,242</u>		<u>5.47</u>	<u>5.09</u>
Profit attributable to discontinued operations of the parent	(1,526,054)	(1,202,530)		(0.26)	(0.20)
Profit attributable to continuing operations of the parent	<u>\$ 30,372,484</u>	<u>\$ 28,499,712</u>	<u>5,832,942</u>	<u>\$ 5.21</u>	<u>\$ 4.89</u>

For the year ended December 31, 2018					
	Amount		Weighted average number of ordinary shares outstanding (shares in thousands)	Earnings per share (in dollars)	
	Before tax	After tax		Before tax	After tax
<u>Basic earnings per share</u>					
Consolidated net income	\$ 63,716,223	\$55,441,018		\$ 10.92	\$ 9.50
Net income of non- controlling interest	(9,367,386)	(6,671,701)		(1.60)	(1.14)
Profit attributable to ordinary shareholders of the parent	<u>54,348,837</u>	<u>48,769,317</u>		<u>9.32</u>	<u>8.36</u>
Profit attributable to discontinued operations of the parent	(1,750,953)	(1,420,293)		(0.30)	(0.24)
Profit attributable to continuing operations of the parent	<u>\$ 52,597,884</u>	<u>\$47,349,024</u>	<u>5,832,942</u>	<u>\$ 9.02</u>	<u>\$ 8.12</u>

B. Employees' bonus could be distributed in the form of stock. Since there is no significant impact when calculating diluted earnings per share, basic earnings per share equals diluted earnings per share.

C. If stocks of the parent company held by subsidiaries are not treated as treasury stocks, the calculation of basic earnings per share is as follows:

For the year ended December 31, 2019					
	Amount		Weighted average number of ordinary shares outstanding (shares in thousands)	Earnings per share (in dollars)	
	Before tax	After tax		Before tax	After tax
<u>Basic earnings per share</u>					
Consolidated net income	\$ 38,633,523	\$ 34,448,357		\$ 6.59	\$ 5.88
Net income of non- controlling interest	(6,734,985)	(4,746,115)		(1.15)	(0.81)
Profit attributable to ordinary shareholders of the parent	<u>31,898,538</u>	<u>29,702,242</u>		<u>5.44</u>	<u>5.07</u>
Profit attributable to discontinued operations of the parent	(1,526,054)	(1,202,530)		(0.26)	(0.21)
Profit attributable to continuing operations of the parent	<u>\$ 30,372,484</u>	<u>\$ 28,499,712</u>	<u>5,861,186</u>	<u>\$ 5.18</u>	<u>\$ 4.86</u>
For the year ended December 31, 2018					
	Amount		Weighted average number of ordinary shares outstanding (shares in thousands)	Earnings per share (in dollars)	
	Before tax	After tax		Before tax	After tax
<u>Basic earnings per share</u>					
Consolidated net income	\$ 63,716,223	\$ 55,441,018		\$ 10.87	\$ 9.46
Net income of non- controlling interest	(9,367,386)	(6,671,701)		(1.60)	(1.14)
Profit attributable to ordinary shareholders of the parent	<u>54,348,837</u>	<u>48,769,317</u>		<u>9.27</u>	<u>8.32</u>
Profit attributable to discontinued operations of the parent	(1,750,953)	(1,420,293)		(0.30)	(0.24)
Profit attributable to continuing operations of the parent	<u>\$ 52,597,884</u>	<u>\$ 47,349,024</u>	<u>5,861,186</u>	<u>\$ 8.97</u>	<u>\$ 8.08</u>

(27) Supplemental cash flow information

A. Investing activities with partial cash payments

	For the years ended December 31,	
	2019	2018
Purchase of fixed assets	\$ 16,807,259	\$ 19,471,001
Add: Opening balance of payable on equipment	1,604,309	577,616
Less: Ending balance of payable on equipment	(1,439,071)	(1,604,309)
Cash paid during the year	<u>\$ 16,972,497</u>	<u>\$ 18,444,308</u>

B. Financing activities with partial cash payments

	For the years ended December 31,	
	2019	2018
Cash dividend distributed	\$ 36,339,355	\$ 41,028,304
Add: Opening balance of cash dividend payable	62,429	44,056
Less: Ending balance of cash dividend payable	(71,884)	(62,429)
Cash dividends paid	<u>\$ 36,329,900</u>	<u>\$ 41,009,931</u>

C. On December 13, 2019, the Board of Directors of Formosa Taffeta Co., Ltd. resolved to dispose its 16% equity interest in Formosa Advanced Technologies Co. (Details are provided in Note 4(3)

B. Note 2). The trading consideration information is listed below:

	For the year ended December 31, 2019
Disposal proceeds	\$ 2,514,064
Less: Book value of cash and cash equivalents	(957,834)
Cash received	<u>\$ 1,556,230</u>

(28) Changes in liabilities from financing activities

	Short-term borrowings	Short-term notes and bills payable	Bonds payable (including current portion)	Long-term borrowings (including current portion)	Liabilities from financial activities-gross
At January 1, 2019	\$31,948,041	\$ 12,490,543	\$34,050,000	\$27,107,455	\$ 105,596,039
Changes in cash flow from financing activities	421,582	1,905,827	800,000	(8,837,506)	(5,710,097)
Impact of changes in foreign exchange rate	-	-	-	(218,384)	(218,384)
At December 31, 2019	<u>\$32,369,623</u>	<u>\$ 14,396,370</u>	<u>\$34,850,000</u>	<u>\$18,051,565</u>	<u>\$ 99,667,558</u>
	Short-term borrowings	Short-term notes and bills payable	Bonds payable (including current portion)	Long-term borrowings (including current portion)	Liabilities from financial activities-gross
At January 1, 2018	\$23,142,134	\$ 1,579,763	\$39,750,000	\$36,270,554	\$ 100,742,451
Changes in cash flow from financing activities	8,805,907	10,910,780	(5,700,000)	(9,346,696)	4,669,991
Impact of changes in foreign exchange rate	-	-	-	183,597	183,597
At December 31, 2018	<u>\$31,948,041</u>	<u>\$ 12,490,543</u>	<u>\$34,050,000</u>	<u>\$27,107,455</u>	<u>\$ 105,596,039</u>

7. Related Party Transactions

(1) Names of related parties and relationship

<u>Names of related parties</u>	<u>Relationship with the Group</u>
Formosa Petrochemical Corp.	Associate
Formosa Heavy Industries Corp.	"
Formosa Heavy Industries (Ningbo) Corp.	"
Formosa Plastics Transport Corp.	"
Su Hua Transport Corp. (Su Hua Transport Corp. was merged into Formosa Plastics Transport Corp. on July 1, 2018, and Formosa Plastics Transport Corp. was the surviving company.)	"
Formosa Synthetic Rubber Corp.	"
Formosa Synthetic Rubber (Ningbo) Corp.	"
Mai Liao Power Corp.	"
Formosa Environmental Technology Corp.	"
Hwa Ya Science Park Management Consulting Corp.	"
Formosa Resources Corp.	"
Formosa Construction Corp.	"
Formosa Fairway Corporation	"
Kuang Yueh Co., Ltd.	"
Formosa Group (Cayman) Corp.	"
FG Inc.	"
Formosa Advanced Technologies Co., Ltd.	"
Formosa Plastics Corp.	Other related party
Nan Ya Plastics Corp.	"
Nan Ya Plastics (Hui Zhou) Corp.	"
Nan Ya Plastics (Nan Tong) Corp.	"
Nan Ya Plastics Corp., U.S.A.	"
Nan Ya Plastics (Ningbo) Corp.	"
Nan Ya Technology Corp.	"
Nan Ya Optical Corp.	"
Nan Ya PCB Corp.	"
Nan Ya Electronic Materials Co., Ltd.	"
Formosa Automobile Sales Corporation	"
Formosa Petrochemical Transportation	"
Formosa Lithium Iron Oxide Corp.	"
Chang Gung University	"
Chang Gung Memorial Hospital	"
Chang Gung Biotechnology Co., Ltd.	"
Yue Chi Development Corp	"
PFG Fiber Glass Corp.	"
Formosa Plastics Marine Corp.	"

Names of related parties	Relationship with the Group
Formosa Plastics Marine Co., Ltd.	Other related party
Mai Liao Harbor Administration Corp.	”
Formosa Network Technology Corp.	”
Formosa Plastics Building Parking Lot	”
FPG Travel Service Co., Ltd.	”
Formosa Daikin Advanced Chemicals Co., Ltd.	”
Formosa Sumco Technology Corporation	”
Formosa Asahi Spandex Co., Ltd.	”
Formosa Plastics Logistics Corp.	”
Formosa Plastics Transport (Ningbo) Co., Ltd.	”
Formosa Electronic (Ningbo) Co., Ltd.	”
Inteplast Taiwan Corporation	”
Formosa Oil (Asia Pacific) Corporation	”
Asia Pacific Development Corp.	”
Ya Tai Development Corp.	”
Bio Trust International Corp.	”
Formosa Ha Tinh (Cayman) Ltd.	”
Formosa Ha Tinh Steel Corp. -TW	”
Formosa Ha Tinh Steel Corp.	”
BP Chemicals (Malaysia) SDN Corp.	”
Idemitsu Kosan Co., Ltd.	”
Idemitsu Chemicals (Hong Kong) Co., Ltd.	”
Idemitsu Chemicals U.S.A Corp.	”
Yugen Co., Ltd.	”
Yumaowu Enterprise Co., Ltd.	”
Yu Yuang Textile Co., Ltd.	”
Yu Maowu Complex Co., Ltd.	”
Kuang Yueh (Vietnam) Co., Ltd.	”
Hua Ya Power Corp.	”
Asia Pacific Technology Corp	”
Ya Tai Development Co., Ltd.	”
Kong You Industrial Co., Ltd.	”
Hong Jing Metal Corp.	”
Formosa Industrues (Ningbo) Co., Ltd.	”
Nanya Plastic Industry (Anshan) Co., Ltd.	”
South Asia Electronic Materials (Kunshan) Co., Ltd.	”
Nan Ya Plastics Film (Nantong) Co., Ltd.	”
Nan Ya Plastics (Hui Zhou) Co., Ltd.	”
Nan Ya Chemical Fiber (Kunshan) Co., Ltd.	”
Nanya (Xiamen) Plastic Co., Ltd.	”
NanYa Rigid Film (Guangzhou) Co., Ltd.	”
Asia Pactfic Investnent Co.	”
Nan Ya Printed Circuit Board Corp.	”
Formosa Automobile Corp.	”
Taisuwang Commerce and Trade Co., Ltd.	”

Names of related parties	Relationship with the Group
Huaya Steel Co., Ltd.	Other related party
Fuxin Special Steel Co., Ltd.	"

(2) Significant related party transactions

A. Sales of goods:

	For the years ended December 31,	
	2019	2018
Sales of goods:		
— Associates	\$ 19,485,957	\$ 33,510,757
— Other related parties	45,946,643	58,844,020
	<u>\$ 65,432,600</u>	<u>\$ 92,354,777</u>

The Group sells goods to related parties. Except for terms to certain related parties which are longer, prices are the same with third parties.

B. Purchases of goods:

	For the years ended December 31,	
	2019	2018
Purchases of goods:		
— Associates		
Formosa Petrochemical Corp.	\$ 115,927,530	\$ 167,550,868
Others	2,130	1,286
— Other related parties	20,892,945	28,628,521
	<u>\$ 136,822,605</u>	<u>\$ 196,180,675</u>

The payment terms for related parties are within 30~60 days of purchase. The purchase prices and terms for related parties are the same with non-related parties.

C. Receivables from related parties:

	December 31, 2019	December 31, 2018
Receivables from related parties:		
— Associates	\$ 1,444,696	\$ 2,606,441
— Other related parties	3,699,054	5,869,483
	<u>\$ 5,143,750</u>	<u>\$ 8,475,924</u>

Receivables from related parties are mainly from sales of goods and receivables for payments on behalf of others for construction design services. Receivables for sales are due 30~120 days from the date of sale; receivables for payments on behalf of others for construction design services are due 270 days from the services rendered. The receivables do not bear interest and no collaterals were pledged. No provision was accrued for receivables from related party.

D. Payables to related parties:

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
Payables to related parties:		
— Associates		
Formosa Petrochemical Corp.	\$ 9,419,596	\$ 12,554,549
Others	-	54
— Other related parties	<u>1,958,397</u>	<u>3,343,498</u>
	<u>\$ 11,377,993</u>	<u>\$ 15,898,101</u>

The payables to related parties arise mainly from purchase transactions and are due 30~60 days after the date of purchase. The payables bear no interest.

E. Expansion and repair project

(a)Expansion and repair project:

	<u>For the years ended December 31,</u>	
	<u>2019</u>	<u>2018</u>
Expansion and repair works of factory sites		
— Other related parties	\$ 385,576	\$ 419,893
— Associates	<u>301,754</u>	<u>270,484</u>
	<u>\$ 687,330</u>	<u>\$ 690,377</u>

(b)Ending balance of payables for expansion and repair project:

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
Payables to related parties:		
— Associates	\$ 250	\$ 35
— Other related parties	<u>13,070</u>	<u>10,126</u>
	<u>\$ 13,320</u>	<u>\$ 10,161</u>

The Group contracted the expansion and repair works of the factory sites to related parties. The payment terms are in accordance with the industry practice with payment due within a month after inspection.

F. Financing

(a) Loans to related parties:

(i) Ending balance of accounts receivable - related parties

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
— Associates		
Formosa Heavy Industries Corp.	\$ 7,150,000	\$ 5,900,000
Others	-	170,160
	<u>7,150,000</u>	<u>6,070,160</u>
— Other related parties		
Formosa Plastics Marine Co., Ltd.	5,648,836	5,306,642
	<u>5,648,836</u>	<u>5,306,642</u>
	<u>\$ 12,798,836</u>	<u>\$ 11,376,802</u>

(ii) Interest income

	<u>For the years ended December 31,</u>	
	<u>2019</u>	<u>2018</u>
— Associates		
Formosa Group (Cayman) Corp.	\$ -	\$ 32,211
Formosa Synthetic Rubber (Ningbo) Co., Ltd.	-	97,427
Formosa Heavy Industries Corp.	63,193	36,920
Others	6,302	4,739
	<u>69,495</u>	<u>171,297</u>
— Other related parties		
Formosa Plastics Marine Co., Ltd.	81,476	64,582
Formosa Ha Tinh (Cayman) Limited	-	17,373
Others	835	-
	<u>82,311</u>	<u>81,955</u>
	<u>\$ 151,806</u>	<u>\$ 253,252</u>

The loan terms to related parties are in accordance with the contract's repayment schedule after the loan is made; interest was collected at 1.41%~3.48% per annum for the years ended December 31, 2019 and 2018.

(b) Loans from related parties:

i. Interest expense

	For the years ended December 31,	
	2019	2018
— Associates	\$ 3	\$ 349

The loan terms from associates are in accordance with the contract's repayment schedule after the loan is made; interest is paid at a rate of 1.41%~1.42% and 1.41% per annum for the years ended December 31, 2019 and 2018, respectively.

G. Receivables for payment on behalf of others

	December 31, 2019	December 31, 2018
— Other related parties	\$ 27	\$ 3,369

The amount for equipment for resale that the Group paid on behalf of associates is recorded as other current assets.

H. Operating expenses

	For the years ended December 31,	
	2019	2018
Transportation charges		
— Other related parties		
Formosa Plastics Marine Corp.	\$ 1,435,511	\$ 1,275,615
Formosa Plastics Transport (Ningbo) Corp.	925,829	873,302
Others	192,074	-
	<u>\$ 2,553,414</u>	<u>\$ 2,148,917</u>

I. Rental revenue

	For the years ended December 31,	
	2019	2018
— Associates		
Formosa Petrochemical Corp.	\$ 21,215	\$ 20,144
Others	12,346	11,394
	<u>33,561</u>	<u>31,538</u>
— Other related parties		
Nan Ya Plastics Corp.	26,391	26,489
Formosa Plastics Building Parking Lot	15,130	15,365
Formosa Network Technology Corp.	15,400	15,400
Others	30,028	31,448
	<u>86,949</u>	<u>88,702</u>
	<u>\$ 120,510</u>	<u>\$ 120,240</u>

The rental prices charged to related parties are determined considering the local rental prices and

payments, and are collected monthly.

J. Property transactions:

(a) Acquisition of property, plant and equipment

	For the years ended December 31,	
	2019	2018
Purchase of property, plant and equipment		
— Associates	\$ 276,397	\$ 276,376
— Other related parties	70,849	147,998
	<u>\$ 347,246</u>	<u>\$ 424,374</u>

(b) Disposal of property, plant and equipment

	For the years ended December 31,			
	2019		2018	
	Disposal proceeds	Gain (loss) on disposal	Disposal proceeds	Gain (loss) on disposal
— Associates	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 24,967</u>	<u>\$ -</u>

(c) Acquisition of financial assets

	Accounts	No. of shares	Objects	For the year ended December 31, 2019
				Consideration
Formosa Synthetic Rubber Corp. (Taiwan)	Investments accounted for using equity method	4,600,000	Formosa Synthetic Rubber Corp. (Taiwan)	\$ 46,000
Formosa Resources Corp.	Investments accounted for using equity method	157,000,000	Formosa Resources Corp. (Cayman)	1,570,000
FG Inc.	Investments accounted for using equity method	-	FG Inc.	764,280
				<u>\$ 2,380,280</u>

				For the year ended December 31, 2018
	Accounts	No. of shares	Objects	Consideration
Formosa Synthetic Rubber Corp. (Hong Kong)	Investments accounted for using equity method	65,000,000	Formosa Synthetic Rubber Corp. (Hong Kong)	\$ 2,011,490
Formosa Ha Tinh (Cayman) Limited	Investments accounted for using equity method	56,470,747	Formosa Ha Tinh (Cayman) Limited	2,242,487
				<u>\$ 4,253,977</u>

(d) Disposal of financial assets

				For the year ended December 31, 2019	
	Accounts	No. of shares	Objects	Proceeds	Gain/(Loss)
Nan Ya Technology Corporation	Investments accounted for using equity method	57,489,000	Formosa Advanced Technologies Co., Ltd.	\$ 2,042,668	\$ 1,638,610
Nan Ya PCB Corp.	Investments accounted for using equity method	13,267,000	Formosa Advanced Technologies Co., Ltd.	471,396	378,150
				<u>\$ 2,514,064</u>	<u>\$ 2,016,760</u>

Note 1

				For the year ended December 31, 2018	
	Accounts	No. of shares	Objects	Proceeds	Gain/(Loss)
Nan Ya Technology Corporation	Investments accounted for using equity method	84,022,000	Formosa Advanced Technologies Co., Ltd.	\$ 3,039,857	Note 2

Note 1: Includes gain on remeasurement of remaining investments at fair value amounting to \$1,332,446. Please refer to Note 6(9) for further information.

Note 2: The gain on disposal (including the portion attributable to non-controlling interests) of \$980,948 was reclassified to capital surplus

K. Donation:

	For the years ended December 31,	
	2019	2018
— Other related parties	\$ 14,839	\$ 3,612

L. Details of affiliates endorsed/guaranteed for the Group's borrowings are provided in Note 6(13).

M. Details of affiliates endorsed/guaranteed and commitment letter for the associate are provided in Notes 9(3) and (4).

(3) Key management compensation

	For the years ended December 31,	
	2019	2018
Salaries	\$ 158,679	\$ 172,209
Post-employment benefits	1,605	1,627
	\$ 160,284	\$ 173,836

8. Pledged Assets

The Group's assets pledged as collateral are as follows:

Pledged assets	Book value		Purpose
	December 31, 2019	December 31, 2018	
Property, plant and equipment	\$ 5,888,149	\$ 5,908,848	Collateral for bank loans
Inventory	21,264	21,264	Limited transfer for land tax reassessment and collateral
	\$ 5,909,413	\$ 5,930,112	

9. Significant Contingent Liabilities and Unrecognised Contract Commitments

The details of commitments and contingencies as of December 31, 2019 were as follows:

- (1) Capital expenditures of property, plant and equipment that were contracted but not yet paid amounted to \$8,081,401 thousand, RMB 949,109 thousand and VND 251,166,924 thousand.
- (2) The outstanding letters of credit for major raw materials and equipment purchases amounted to USD 17,571 thousand, JPY 1,009 thousand and EUR 6,174 thousand.

(3) The provision of endorsements and guarantees to others are as follows:

	December 31, 2019	December 31, 2018
Formosa Industries Corp.	\$ 602,120	\$ 5,043,547
Formosa Resources Corp.	3,236,395	3,303,798
Formosa Group (Cayman) Corp.	7,526,500	19,208,125
Formosa Ha Tinh (Cayman) Corp.	27,708,143	21,268,361
Formosa Taffeta (Zhong Shan) Co., Ltd.	29,980	230,363
Formosa Taffeta (Vietnam) Co., Ltd.	603,494	307,028
Formosa Taffeta (Changshu) Co., Ltd.	293,174	272,011
Formosa Taffeta (Dong Nai) Co., Ltd.	2,876,937	3,080,801
Public More Internation Co., Ltd.	3,000	3,000
	<u>\$ 42,879,743</u>	<u>\$ 52,717,034</u>

(4) The promissory notes issued for others are as follows:

- A. The Group's indirect investee, Formosa Ha Tinh (Cayman) Limited Co., was provided with a bank loan facility of USD 2.22 billion to meet the operational needs. To secure the rights of its shareholders, the Company is required to issue a promissory note to ensure the borrower fulfills its obligation for repayment.
- B. The Group's consolidated entity, Formosa Chemicals Industries (Ningbo) Limited Co., entered into a syndicated loan contract with the syndicated banking group led by Mega International Commercial Bank, arranging the credit facilities of USD 155 million or equal value of RMB to meet the capital needs of building the plant. The Company is required to issue a promissory note and is obliged to facilitate the repayment of the borrower whenever necessary.

(5) Contingencies - litigation

- A. In August 2019, Taiwan Cooperative Bank Ltd. and DBS Bank (Taiwan) Ltd. filed a complaint against the Group's subsidiaries, Formosa Taffeta Co., Ltd. ("Formosa Taffeta") and Formosa Taffeta Dong Nai Co., Ltd. ("Formosa Taffeta Dong Nai"), alleging that several employees of Formosa Taffeta and Formosa Taffeta Dong Nai, instead of making truthful representations during the credit assessment procedures, cooperated with New Site Industries, Inc. ("New Site") and New Brite Industries, Inc. ("New Brite") in making false statements and providing misleading information with regard to the fact that New Site and New Brite owned the accounts receivable due from Formosa Taffeta and Formosa Taffeta Dong Nai, thereby causing losses to the plaintiffs. As a result, the plaintiffs alleged that Formosa Taffeta and Formosa Taffeta Dong Nai shall be liable for the losses incurred due to the poor supervision. Formosa Taffeta and Formosa Taffeta Dong Nai Co., Ltd. have appointed an attorney to represent them. Based on the opinion of the Group's legal counsel, it is difficult to predict the judge's decision at this stage as the case is still in the course of preliminary proceedings at the court of first instance. Therefore, the outcome and impact of the case cannot yet be determined.
- B. In February 2020, O-Bank Co., Ltd. filed a complaint against the Group's subsidiaries,

Formosa Taffeta Co., Ltd. (“Formosa Taffeta”), alleging that several employees of Formosa Taffeta, instead of making truthful representations during the credit assessment procedures, cooperated with New Site Industries, Inc. (“New Site”), New Brite Industries, Inc. (“New Brite”), Highlite Industries, Inc. and Loomtech Industries, Inc. (collectively referred herein as “New Brite Group”) in making false statements and providing misleading information with regard to the fact that New Brite Group owned the accounts receivable due from Formosa Taffeta, thereby causing losses to the plaintiffs. As a result, the plaintiffs alleged that Formosa Taffeta shall be liable for the losses incurred due to the poor supervision. Formosa Taffeta has appointed an attorney to represent them. Based on the opinion of the Group’s legal counsel, it is difficult to predict the judge’s decision at this stage as the case is still in the course of preliminary proceedings at the court of first instance. Therefore, the outcome and impact of the case cannot yet be determined.

10. Significant Disaster Loss

None.

11. Significant Events after the Balance Sheet Date

- (1) The Board of Directors has resolved the appropriations of 2019 earnings on March 13, 2020. Details are provided in Note 6(16) F.
- (2) On January 13, 2020, the Group’s subsidiary, Formosa Taffeta, officially invested in Schoeller Textil AG for a consideration of CHF 39,580 thousand. Formosa Taffeta will acquire 50% equity interest when the capital increase is completed, and the transfer of shares will be completed in March 2020.
- (3) On March 13, 2020, the Board of Directors of the Company and its subsidiary, Formosa Taffeta, during their meeting resolved to increase their capital in the reinvested company, FG INC., in proportion to their shareholding ratios of 30% and 3%, respectively. The Company and its subsidiary, Formosa Taffeta, additionally invested in FG INC. amounting to USD 12,900 thousand and USD 1,290 thousand, respectively, and the Group’s accumulated investments in FG INC. amounted to USD 136,290 thousand.

12. Others

(1) Litigation

The Company’s operating permit and bituminous coal usage permit for co-generation equipment, M16, M17 and M22, have expired on September 28, 2016. The Company has applied for permit extension in June, 2016, however, after months of investigation and review, the Changhua County Government stated that improvements were not satisfactory and decided to revoke the extension application on September 29, 2016. The Company filed a suspension application with Taichung High Administrative Court on September 30, 2016 and asked for continued operations until judgement on the administrative lawsuit has been rendered. Meanwhile, the Company filed an administrative appeal with the Executive Yuan.

Under the Taichung High Administrative Court judgement, the suspension application filed

regarding discontinued operations of M16, M17 and M22 had been denied. The loss or dangerous status of discontinued operation of co-generation equipment claimed by the Company was considered 'possible' but not 'certain' before November 1, 2016, and the discontinued operation has not resulted in plant shutdown and industry safety hazard.

The Company's Changhua plant was forced to shut down and consequently, incurred losses due to the lack of vapor power. The Company will explore all available legal remedies in filing a claim for indemnity and protect stockholders' and the Company's interest.

Because of the Changhua plant shutdown, the Company has assessed that part of idle production equipment may not be recoverable. Accordingly, the Company recognised impairment loss on property, plant and equipment amounting to \$466,785 for the year ended December 31, 2016.

On November 16, 2017, the Company received a violation decision from Changhua County Government of an enhanced fine amounting to NT\$1.244 billion pursuant to Article 7 of Environmental Impact Assessment Act. The fine was levied on the ground that the indigenous coal used in the combined heat and power system is contrary to that indicated in the Environmental Impact Statement. The lawyers have filed an appeal with the Environmental Protection Administration (EPA) on behalf of the Company on November 22, 2017. On December 19, 2017, Changhua Country Government consented to suspend the fine until the appeal was concluded as stated in Letter No. Fu-Sho-Huan-Zong-Zi-1060429733. On December 11, 2017, the Company stated its opinion in EPA to dispute the fine. On February 14, 2018, the Company was informed that the decision on the appeal was postponed for two months in EPA's Letter No. Huan-Shu-Zi-1070014111. On March 8, 2018, the EPA ruled to revoke the violation decision of Changhua County Government amounting to NT\$1.244 billion and dismiss the Company's suspension application. Subsequently, the Company submitted an application to the EPA for the withdrawal of the appeal on April 18, 2019, which has been approved by the EPA on April 19, 2019.

(2) Capital management

The Group's objectives when managing capital are to safeguard the Group's ability to continue as a going concern in order to provide returns for shareholders and to maintain an optimal capital structure to reduce the cost of capital. In order to maintain or adjust the capital structure, the Group may adjust the amount of dividends paid to shareholders, return capital to shareholders, issue new shares or sell assets to reduce debt. The Group monitors capital on the basis of the gearing ratio. This ratio is calculated as net debt divided by total capital. Net debt is calculated as total borrowings (including 'current and non-current borrowings' as shown in the consolidated balance sheet) less cash and cash equivalents. Total capital is calculated as 'equity' as shown in the consolidated balance sheet plus net debt.

The Group's management strategy of its debt-to-capital ratio for the year ended December 31, 2019 is the same as that for the year ended December 31, 2018. As of December 31, 2019 and 2018, the Group's debt-to-capital ratio was 17% and 15%, respectively.

(3) Financial instruments

A. Financial instruments by category

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
<u>Financial assets</u>		
Financial assets at fair value through profit or loss	\$ 4,044,087	\$ 4,496,354
Financial assets at fair value through other comprehensive income	177,684,482	186,921,722
Financial assets at amortised cost	<u>63,980,006</u>	<u>95,487,943</u>
	<u>\$ 245,708,575</u>	<u>\$ 286,906,019</u>
<u>Financial liabilities</u>		
Financial liabilities at fair value through profit or loss	\$ 80	\$ 774
Financial liabilities at amortised cost	127,501,867	140,218,069
Lease liability	<u>908,769</u>	<u>-</u>
	<u>\$ 128,410,716</u>	<u>\$ 140,218,843</u>

Note: Financial assets measured at amortised cost including cash, contract assets, accounts and notes receivable, other receivables, and refundable deposits. Financial liabilities measured at amortised cost including short-term borrowings, accounts and notes payable, other payables, long-term borrowings (including those maturing within one year or one business cycle), corporate bonds payable (including those maturing within one year or one business cycle), and guarantee deposits received.

B. Financial risk management policies

- (a) The Group's activities expose it to a variety of financial risks: market risk (including foreign exchange risk, interest rate risk and price risk), credit risk and liquidity risk. To minimize any adverse effects on the financial performance of the Group, derivative financial instruments, such as foreign exchange forward contracts and foreign currency option contracts are used to hedge certain exchange rate risk.
- (b) Risk management is carried out by a central treasury department (Company treasury) under policies approved by the board of directors. Company treasury identifies, evaluates and hedges financial risks in close cooperation with the Group's operating units. The Board provides written principles for overall risk management, as well as written policies covering specific areas and matters, such as foreign exchange risk, interest rate risk, credit risk, use of derivative financial instruments and non-derivative financial instruments, and investment of excess liquidity.

- (c) Information about derivative financial instruments that are used to hedge certain exchange rate risk are provided in Notes 6 (2) and (11).
- C. Significant financial risks and degrees of financial risks

(a) Market risk

Foreign exchange risk

- i. The Group is exposed to foreign exchange risk arising from the transactions of the Company and its subsidiaries used in various functional currency, primarily with respect to the USD and RMB. Foreign exchange risk arises from future commercial transactions, recognised assets and liabilities.
- ii. Management has set up a policy to manage its foreign exchange risk against its functional currency. Each entity hedges its entire foreign exchange risk exposure.
- iii. The Group hedges foreign exchange rate by using forward exchange contracts. However, the Group does not adopt hedging accounting. Details of financial assets or liabilities at fair value through profit or loss are provided in Notes 6 (2) and (11).
- iv. The Group's businesses involve some non-functional currency operations (the Company's and certain subsidiaries' functional currency: NTD; other certain subsidiaries' functional currency: USD, VND and RMB). The information on assets and liabilities denominated in foreign currencies whose values would be materially affected by the exchange rate fluctuations is as follows:

December 31, 2019				
Foreign Currency				
	Amount (In Thousands)	Exchange Rate	Book Value (NTD)	
<u>Financial assets</u>				
<u>Monetary items</u>				
USD : NTD	\$ 472,123	30.11	\$	14,215,624
JPY : NTD	260,581	0.28		72,963
<u>Non-monetary items</u>				
RMB : NTD	\$ 12,218,534	4.32	\$	52,784,067
USD : NTD	534,034	30.11		16,079,764
VND : NTD	7,761,862,792	0.0013		10,090,422
JPY : NTD				-
<u>Financial liabilities</u>				
<u>Monetary items</u>				
USD : NTD	\$ 42,257	30.11	\$	1,272,358
JPY : NTD	137,348	0.28		38,457
USD : RMB	5,930	30.11		178,552
USD : VND	327,003	30.11		9,846,060

December 31, 2018

Foreign Currency				
	<u>Amount (In Thousands)</u>	<u>Exchange Rate</u>	<u>Book Value (NTD)</u>	
<u>Financial assets</u>				
<u>Monetary items</u>				
USD : NTD	\$ 689,795	30.73	\$	21,197,400
JPY : NTD	481,746	0.28		134,889
<u>Non-monetary items</u>				
RMB : NTD	\$ 10,526,674	4.48	\$	47,159,500
USD : NTD	683,546	30.73		21,005,369
VND : NTD	7,623,579,853	0.0013		9,910,654
<u>Financial liabilities</u>				
<u>Monetary items</u>				
USD : NTD	\$ 55,502	30.73	\$	1,705,576
JPY : NTD	113,665	0.28		31,826
USD : RMB	80,857	30.73		2,484,736
USD : VND	365,100	30.73		11,219,523

- v. Total exchange gain (loss), including realised and unrealised arising from significant foreign exchange variation on the monetary items held by the Group for the years ended December 31, 2019 and 2018 amounted to \$26,569 and \$526,467, respectively.
- vi. Analysis of foreign currency market risk arising from significant foreign exchange variation.

For the year ended December 31, 2019				
Sensitivity analysis				
	Degree of variation	Effect on profit or loss	Effect on other comprehensive income	
<u>Financial assets</u>				
<u>Monetary items</u>				
USD : NTD	1%	\$ 142,156	\$	-
JPY : NTD	1%	730		-
EUR:NTD		-		
<u>Non-monetary items</u>				
RMB : NTD	1%	\$ -	\$	527,841
USD : NTD	1%	-		160,798
VND : NTD	1%	-		100,904
JPY : NTD				
<u>Financial liabilities</u>				
<u>Monetary items</u>				
USD : NTD	1%	\$ 12,724	\$	-
JPY : NTD	1%	385		-
USD : RMB	1%	1,786		-
USD : VND	1%	98,461		-

For the year ended December 31, 2018				
Sensitivity analysis				
	Degree of variation	Effect on profit or loss	Effect on other comprehensive income	
<u>Financial assets</u>				
<u>Monetary items</u>				
USD : NTD	1%	\$ 211,974	\$	-
JPY : NTD	1%	1,349		-
<u>Non-monetary items</u>				
RMB : NTD	1%	\$ -	\$	471,595
USD : NTD	1%	-		210,054
VND : NTD	1%	-		99,107
<u>Financial liabilities</u>				
<u>Monetary items</u>				
USD : NTD	1%	\$ 17,056	\$	-
JPY : NTD	1%	318		-
USD : RMB	1%	24,847		-
USD : VND	1%	112,195		-

Price risk

- i. The Group's equity securities, which are exposed to price risk, are the held financial assets at fair value through profit or loss and financial assets at fair value through other comprehensive income. To manage its price risk arising from investments in equity securities, the Group diversifies its portfolio. Diversification of the portfolio is done in accordance with the limits set by the Group.
- ii. The Group's investments in equity securities comprise domestic listed, beneficiary certificate and fund. The prices of equity securities would change due to the change of the future value of investee companies. If the prices of these equity securities had increased/decreased by 1% with all other variables held constant, components of equity for the years ended December 31, 2019 and 2018 would have increased/decreased by \$32,352 and \$35,965, respectively, as a result of gains/losses on equity securities classified as at fair value through profit or loss. Other components of equity would have increased/decreased by \$1,776,845 and \$1,869,217, respectively, as a result of other comprehensive income classified as equity investment at fair value through other comprehensive income.

Cash flow and fair value interest rate risk

- i. The Group's interest rate risk arises from long-term borrowings. Borrowings issued at variable rates expose the Group to cash flow interest rate risk which is partially offset by cash and cash equivalents held at variable rates. Borrowings issued at fixed rates expose the Group to fair value interest rate risk. During the years ended December 31, 2019 and 2018, the Group's borrowings at variable rate were denominated in the NTD and USD.
- ii. The Group's borrowings are measured at amortised cost. The borrowings are periodically contractually repriced and to that extent are also exposed to the risk of future changes in market interest rates.
- iii. For the years ended December 31, 2019 and 2018, if interest rates on denominated borrowings had been 1% higher/lower with all other variables held constant, post-tax profit for the years then ended would have been \$144,413 and \$216,860 lower/higher, respectively, mainly as a result of higher/lower interest expense on floating rate borrowings.

(b) Credit risk

- i. Credit risk refers to the risk of financial loss to the Group arising from default by the clients or counterparties of financial instruments on the contract obligations. The main factor is that counterparties could not repay in full the accounts receivable based on the agreed terms, and the contract cash flows of instruments stated at fair value through other comprehensive income.
- ii. The Group manages their credit risk taking into consideration the entire group's concern. For banks and financial institutions, only independently rated parties with a minimum

rating of 'A' are accepted. According to the Group's credit policy, each local entity in the Group is responsible for managing and analysing the credit risk for each of their new clients before standard payment and delivery terms and conditions are offered. Internal risk control assesses the credit quality of the customers, taking into account their financial position, past experience and other factors. Individual risk limits are set based on internal or external ratings in accordance with limits set by the Board of Directors. The utilisation of credit limits is regularly monitored.

- iii. The Group adopts the assumptions under IFRS 9, that is, to assess whether there has been a significant increase in credit risk on that instrument since initial recognition.
- iv. The Group wrote-off the financial assets, which cannot be reasonably expected to be recovered, after initiating recourse procedures. However, the Group will continue executing the recourse procedures to secure their rights. On December 31, 2019 and 2018, the Group has no written-off financial assets that are still under recourse procedures.
- v. The Group used the forecastability of Directorate-General of Budget, Accounting and Statistics, Executive Yuan and Taiwan Institute of Economic Research boom observation report to adjust historical and timely information to assess the default possibility of accounts receivable, contract assets and lease payments receivable. On December 31, 2019 and 2018, the provision matrix is as follows:

	Not past due	Up to 30 days past due	31 to 90 days past due	Over 91 days past due
<u>December 31, 2019</u>				
Expected loss rate	0.07%~0.87%	5.49%~7.50%	55.23%~100.00%	97.34%~100.00%
Total book value	\$ 27,956,124	\$ 184,961	\$ 59,370	\$ 177,743
Loss allowance	\$ 59,989	\$ 11,897	\$ 37,863	\$ 177,644
<u>December 31, 2018</u>				
Expected loss rate	0.03%~0.77%	1.88%~9.11%	47.41%~100.00%	74.95%~100.00%
Total book value	\$ 43,811,791	\$ 720,658	\$ 63,551	\$ 138,993
Loss allowance	\$ 60,447	\$ 24,747	\$ 34,165	\$ 137,695

The ageing analysis of accounts receivable that were past due but not impaired is as follows:

	December 31, 2019	December 31, 2018
Not past due	\$ 27,956,124	\$ 43,811,791
Up to 30 days past due	184,961	720,658
31 to 90 days past due	59,370	63,551
Over 91 days past due	177,743	138,993
	<u>\$ 28,378,198</u>	<u>\$ 44,734,993</u>

The above ageing analysis was based on past due date.

vi. Movements in relation to the Group applying the simplified approach to provide loss allowance for notes and accounts receivable and contract assets are as follows:

	For the year ended December 31, 2019		
	Accounts receivable	Contract assets	Notes receivable
At January 1	\$ 252,085	\$ -	\$ -
Impairment loss	40,437	-	-
Effect of exchange rate changes	(7,798)	-	-
At December 31	<u>\$ 284,724</u>	<u>\$ -</u>	<u>\$ -</u>
	For the year ended December 31, 2018		
	Accounts receivable	Contract assets	Notes receivable
At January 1	\$ 257,573	\$ -	\$ -
Effect of exchange rate changes	-	-	-
At December 31	<u>\$ 257,573</u>	<u>\$ -</u>	<u>\$ -</u>

(c)Liquidity risk

- i. Cash flow forecasting is performed in the operating entities of the Group and aggregated by Company treasury. Company treasury monitors rolling forecasts of the Group's liquidity requirements to ensure it has sufficient cash to meet operational needs while maintaining sufficient headroom on its undrawn committed borrowing facilities at all times so that the Group does not breach borrowing limits or covenants (where applicable) on any of its borrowing facilities. Such forecasting takes into consideration the Group's debt financing plans, covenant compliance, compliance with internal balance sheet ratio targets and, if applicable, external regulatory or legal requirements, for example, currency restrictions.
- ii. Surplus cash held by the operating entities over and above balance required for working capital management are transferred to the Group treasury. Group treasury invests surplus cash in interest bearing current accounts, loans to related parties, time deposits and cash equivalents, choosing instruments with appropriate maturities or sufficient liquidity to provide sufficient headroom as determined by the abovementioned forecasts.
- iii. The table below analyses the Group's non-derivative financial liabilities and net-settled or gross-settled derivative financial liabilities into relevant maturity groupings based on the remaining period at the balance sheet date to the contractual maturity date for non-derivative financial liabilities and to the expected maturity date for derivative financial liabilities. The amounts disclosed in the table are the contractual undiscounted cash flows.

Non-derivative financial liabilities:

<u>December 31, 2019</u>	<u>Less than 1 year</u>	<u>Between 1 and 2 years</u>	<u>Between 3 and 5 years</u>	<u>Over 5 years</u>
Lease liability	\$ 51,006	\$ 43,646	\$ 22,056	\$ 12,771
Bonds payable	2,750,000	-	13,800,000	18,300,000
Long-term borrowings	3,937,482	6,657,498	7,456,585	-

<u>December 31, 2018</u>	<u>Less than 1 year</u>	<u>Between 1 and 2 years</u>	<u>Between 3 and 5 years</u>	<u>Over 5 years</u>
Bonds payable	\$ 6,200,000	\$ 2,750,000	\$ 6,600,000	\$ 18,500,000
Long-term borrowings	10,355,497	14,069,212	2,682,746	-

Except for the aforementioned liabilities, the Group's non-derivative financial liabilities will mature within one year.

Derivative financial liabilities:

<u>December 31, 2019</u>	<u>Less than 1 year</u>	<u>Between 1 and 2 years</u>	<u>Between 3 and 5 years</u>	<u>Over 5 years</u>
Forward exchange contracts	\$ 80	\$ -	\$ -	\$ -

<u>December 31, 2018</u>	<u>Less than 1 year</u>	<u>Between 1 and 2 years</u>	<u>Between 3 and 5 years</u>	<u>Over 5 years</u>
Forward exchange contracts	\$ 774	\$ -	\$ -	\$ -

- iv. The Group does not expect the timing of occurrence of the cash flows estimated through the maturity date analysis will be significantly earlier, nor expect the actual cash flow amount will be significantly different.

(4) Fair value estimation

- A. The different levels that the inputs to valuation techniques are used to measure fair value of financial and non-financial instruments have been defined as follows:

Level 1: Quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date. A market is regarded as active where a market in which transactions for the asset or liability take place with sufficient frequency and volume to provide pricing information on an ongoing basis. The fair value of the Group's investment in listed stocks is included in Level 1.

Level 2: Inputs other than quoted prices included within level 1 that are observable for the asset or liability, either directly or indirectly. The fair value of the Group's investment in stock investment, private equity fund market, and most derivative instruments is included in

Level 2.

Level 3: Inputs for the asset or liability that are not based on observable market data.

B. Financial instruments not measured at fair value

The carrying amounts of cash and cash equivalents, notes receivable (including related parties), accounts receivable (including related parties), other receivables (including related parties), short-term borrowings, short-term notes and bills payable, notes payable (including related parties), accounts payable (including related parties) and other payables (including related parties) are approximate to their fair values. The carrying amounts of long-term borrowings (including current portion) and lease liabilities are reasonable basis for fair value estimate given that their interest rates are approximate to market rates.

C. The related information of financial and non-financial instruments measured at fair value by level on the basis of the nature, characteristics and risks of the assets and liabilities are as follows:

<u>December 31, 2019</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
<u>Assets:</u>				
<u>Recurring fair value measurement</u>				
Financial assets at fair value through profit or loss				
Beneficiary certificate	\$ -	\$ 119	\$ -	\$ 119
Fund	-	4,043,968	-	4,043,968
Financial assets at fair value through other comprehensive income				
Equity securities	<u>143,847,398</u>	<u>2,553,194</u>	<u>31,283,890</u>	<u>177,684,482</u>
	<u>\$ 143,847,398</u>	<u>\$ 6,597,281</u>	<u>\$ 31,283,890</u>	<u>\$ 181,728,569</u>
<u>Liabilities:</u>				
<u>Recurring fair value measurement</u>				
Financial liabilities at fair value through profit or loss				
Forward exchange contracts	<u>\$ -</u>	<u>\$ 80</u>	<u>\$ -</u>	<u>\$ 80</u>

<u>December 31, 2018</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Assets:				
<u>Recurring fair value measurement</u>				
Financial assets at fair value through profit or loss				
Beneficiary certificate	\$ 479,490	\$ -	\$ -	\$ 479,490
Derivative instruments	-	-	-	-
Fund	-	4,016,864	-	4,016,864
Financial assets at fair value through other comprehensive income				
Equity securities	<u>142,424,813</u>	<u>2,970,628</u>	<u>41,526,281</u>	<u>186,921,722</u>
	<u>\$ 142,904,303</u>	<u>\$ 6,987,492</u>	<u>\$ 41,526,281</u>	<u>\$ 191,418,076</u>
<u>December 31, 2018</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Liabilities:				
<u>Recurring fair value measurement</u>				
Financial liabilities at fair value through profit or loss				
Forward exchange contracts	<u>\$ -</u>	<u>\$ 774</u>	<u>\$ -</u>	<u>\$ 774</u>

D. The methods and assumptions the Group used to measure fair value are as follows:

- (a) The instruments the Group used market quoted prices as their fair values (that is, Level 1) are listed below by characteristics:

	<u>Listed shares</u>	<u>Open-end fund</u>
Market quoted price	Closing price	Net asset value

- (b) Except for financial instruments with active markets, the fair value of other financial instruments is measured by using valuation techniques or by reference to counterparty quotes. The fair value of financial instruments measured by using valuation techniques can be referred to current fair value of instruments with similar terms and characteristics in substance, discounted cash flow method or other valuation methods, including calculated by applying model using market information available at the consolidated balance sheet date.
- (c) When assessing non-standard and low-complexity financial instruments, for example, debt instruments without active market, interest rate swap contracts, foreign exchange swap contracts and options, the Group adopts valuation technique that is widely used by market

participants. The inputs used in the valuation method to measure these financial instruments are normally observable in the market.

- (d) The valuation of derivative financial instruments is based on valuation model widely accepted by market participants, such as present value techniques and option pricing models. Forward exchange contracts are usually valued based on the current forward exchange rate. Structured interest derivative instruments are measured by using appropriate option pricing models (i.e. Black-Scholes model) or other valuation methods, such as Monte Carlo simulation.
 - (e) The output of valuation model is an estimated value and the valuation technique may not be able to capture all relevant factors of the Group's financial and non-financial instruments. Therefore, the estimated value derived using valuation model is adjusted accordingly with additional inputs, for example, model risk or liquidity risk and etc. In accordance with the Group's management policies and relevant control procedures relating to the valuation models used for fair value measurement, management believes adjustment to valuation is necessary in order to reasonably represent the fair value of financial and non-financial instruments at the consolidated balance sheet. The inputs and pricing information used during valuation are carefully assessed and adjusted based on current market conditions.
 - (f) The Group takes into account adjustments for credit risks to measure the fair value of financial and non-financial instruments to reflect credit risk of the counterparty and the Group's credit quality.
- E. For the years ended December 31, 2019 and 2018, there was no transfer between Level 1 and Level 2.
- F. The following chart is the movement of Level 3 for the year ended December 31, 2019 and 2018:

	For the year ended December 31, 2019	
	Non-derivative equity instrument	
At January 1	\$	41,526,281
Gains and losses recognised in other comprehensive income		
Recorded as unrealised gains (losses) on valuation of investments in equity instruments measured at fair value through other comprehensive income	(	10,310,780)
Effect of exchange rate changes		68,389
At December 31	\$	31,283,890
	For the year ended December 31, 2018	
	Non-derivative equity instrument	
At January 1	\$	25,093,528
Effect of retrospective adjustment and retrospective restatement		17,468,376
Gains and losses recognised in other comprehensive income		
Recorded as unrealised gains (losses) on valuation of investments in equity instruments measured at fair value through other comprehensive income	(	1,210,334)
Effect of exchange rate changes		174,711
At December 31	\$	41,526,281

- G. For the years ended December 31, 2019 and 2018, there was no transfer into or out from Level 3.
- H. The Group Treasury is in charge of valuation procedures for fair value measurements being categorised within Level 3, which is to verify independent fair value of financial instruments. Such assessment is to ensure the valuation results are reasonable by applying independent information to make results close to current market conditions, confirming the resource of information is independent, reliable and in line with other resources and represented as the exercisable price, and frequently calibrating valuation model, performing back-testing, updating inputs used to the valuation model and making any other necessary adjustments to the fair value. The Treasury sets up valuation policies, valuation processes and rules for measuring fair value of financial instruments and ensure compliance with the related requirements in IFRS. The related valuation results are reported to Accounting Division monthly. Accounting Division is responsible for managing and reviewing valuation processes.

- I. The following is the qualitative information of significant unobservable inputs and sensitivity analysis of changes in significant unobservable inputs to valuation model used in Level 3 fair value measurement:

	Fair value at December 31, 2019	Fair value at December 31, 2018	Valuation technique	Significant unobservable input	Relationship of inputs to fair value
Non- derivative equity instrument:					
Unlisted shares	\$ 14,897,653	\$ 18,453,269	Market comparable companies	Price to earnings ratio multiple, price to book ratio multiple, enterprise value to operating income ratio multiple, enterprise value to EBITA multiple, discount for lack of marketability	The higher the multiple, the higher the fair value
	1,199,050	1,116,542	Discounted cash flow	Long-term revenue growth rate, weighted average cost of capital, long- term pre-tax operating margin, discount for lack of marketability, discount for lack of control	The higher the long-term revenue growth rate and long- term pre-tax operating margin, the higher the fair value
	15,187,187	21,956,470	Net asset value	Not applicable	Not applicable

- J. The Group has carefully assessed the valuation models and assumptions used to measure fair value. However, use of different valuation models or assumptions may result in different measurement. The following is the effect of profit or loss or of other comprehensive income from financial assets and liabilities categorised within Level 3 if the inputs used to valuation models have changed:

			December 31, 2019	
			Recognised in other comprehensive income	
	Input	Change	Favourable change	Unfavourable change
Financial assets				
Equity instruments	Price to earnings ratio multiple, price to book ratio multiple, enterprise value to operating income ratio multiple, enterprise value to EBITA multiple, discount for lack of marketability	± 1%	\$ 148,977	\$ 148,977
Equity instruments	Long-term revenue growth rate, weighted average cost of capital, long-term pre-tax operating margin, discount for lack of marketability, discount for lack of control	± 1%	\$ 11,991	\$ 11,991

			December 31, 2018	
			Recognised in other comprehensive income	
	Input	Change	Favourable change	Unfavourable change
Financial assets				
Equity instruments	Price to earnings ratio multiple, price to book ratio multiple, enterprise value to operating income ratio multiple, enterprise value to EBITA multiple, discount for lack of marketability	± 1%	\$ 184,533	\$ 184,533
Equity instruments	Long-term revenue growth rate, weighted average cost of capital, long-term pre-tax operating margin, discount for lack of marketability, discount for lack of control	± 1%	\$ 11,165	\$ 11,165

13. Supplementary Disclosures

(1) Significant transactions information

- A. Loans to others: Please refer to table 1.
- B. Provision of endorsements and guarantees to others: Please refer to table 2.
- C. Holding of marketable securities at the end of the period (not including subsidiaries, associates and joint ventures): Please refer to table 3.
- D. Acquisition or sale of the same security with the accumulated cost exceeding \$300 million or 20% of the Company's paid-in capital: Please refer to table 4.
- E. Acquisition of real estate reaching \$300 million or 20% of paid-in capital or more: None.
- F. Disposal of real estate reaching \$300 million or 20% of paid-in capital or more: None.
- G. Purchases or sales of goods from or to related parties reaching \$100 million or 20% of paid-in capital or more: Please refer to table 5.
- H. Receivables from related parties reaching \$100 million or 20% of paid-in capital or more: Please refer to table 6.
- I. Trading in derivative instruments undertaken during the reporting periods: Please refer to Notes 6(2), and (9); 12(3) and (4).
- J. Significant intragroup transactions during the reporting periods: Please refer to table 7.

(2) Information on investees

Names, locations and other information of investee companies (not including investees in Mainland China): Please refer to table 8.

(3) Information on investments in Mainland China

- A. Basic information: Please refer to table 9.
- B. Significant transactions, either directly or indirectly through a third area, with investee companies in the Mainland Area: Please refer to table 10.

14. Segment Information

(1) General information

The Group's reportable segments are strategic business units and provide different products and services. Strategic business units are separately managed because each unit needs different techniques and marketing strategies. The Group's reportable segments are as follows:

1st Petrochemical Div: responsible for production of benzene, p-xylene and o-xylene.

2nd Petrochemical Div: responsible for production of styrene, synthetic phenolic and acetone.

3rd Petrochemical Div: responsible for production of purified terephthalic acid.

Plastics Division: responsible for production of ABS resin, polypropylene and PS.

Formosa Taffeta Co., Ltd.: responsible for production of blended fabric, spun fabric, cross-woven fabric, polyamine and polyester fabric, epidemic fabric, designer sportswear fabric, high-tech and function fabric, tire cord fabric, pure cotton yarn, blended yarn, various functional yarn, fireproof fabric, anti-static cloth and industrial fabric, and operation of petrol stations to sell petroleum, diesel fuel, kerosene and small package of petroleum products and provide car wash services.

Formosa Advanced Technologies Co.: responsible for IC packaging, testing and production of memory module.

(2) Measurement of segment information

The Group has not yet amortised tax expenses or non-recurring gains and losses to reportable segments. Furthermore, not all reportable segments' profit or loss include significant non-cash items besides depreciation and amortisation. Reporting amount and reports for operating decision-maker are the same.

The Group's operating segment profit or loss is measured based on operating income before tax for performance assessment basis. The Group considers the sale and transfer among segments as transactions with third parties and measured at market price.

(3) Information about segment profit or loss, assets and liabilities

For the year ended December 31, 2019

	1st	2nd	3rd		Formosa	Formosa				
	Petrochemical	Petrochemical	Petrochemical	Plastics	Formosa	Advanced	Other	Reconciliation	Discontinued	Total
	Div	Div	Div	Division	Taffeta	Technologies	divisions	and offset	operations	
					Co., Ltd.	Co., Ltd.				
External revenue	\$ 26,686,021	\$ 41,705,961	\$ 62,906,487	\$ 100,157,654	\$ 27,037,943	\$ 8,867,872	\$ 57,004,997	\$ -	(\$ 8,867,872)	\$ 315,499,063
Internal revenue	64,086,511	26,896,779	3,454,634	14,061,828	430,851	-	11,374,532	(120,305,135)	-	-
Total revenue	<u>\$ 90,772,532</u>	<u>\$ 68,602,740</u>	<u>\$ 66,361,121</u>	<u>\$ 114,219,482</u>	<u>\$ 27,468,794</u>	<u>\$ 8,867,872</u>	<u>\$ 68,379,529</u>	<u>(\$ 120,305,135)</u>	<u>(\$ 8,867,872)</u>	<u>\$ 315,499,063</u>
Segment profit (loss)	<u>\$ 3,151,252</u>	<u>\$ 4,307,235</u>	<u>\$ 479,519</u>	<u>\$ 5,117,590</u>	<u>\$ 5,593,387</u>	<u>\$ 1,526,054</u>	<u>\$ 25,528,414</u>	<u>(\$ 7,069,927)</u>	<u>(\$ 1,526,054)</u>	<u>\$ 37,107,470</u>
Segment income (loss):										
Total depreciation and amortisation	<u>\$ 3,518,215</u>	<u>\$ 2,596,700</u>	<u>\$ 2,410,656</u>	<u>\$ 2,269,816</u>	<u>\$ 784,268</u>	<u>\$ 1,599,861</u>	<u>\$ 5,320,517</u>	<u>(\$ 17,311)</u>	<u>(\$ 1,599,861)</u>	<u>\$ 16,882,861</u>
Interest expense	<u>\$ 210,167</u>	<u>\$ 215,411</u>	<u>\$ 100,740</u>	<u>\$ 315,676</u>	<u>\$ 78,786</u>	<u>\$ 5,591</u>	<u>\$ 1,100,801</u>	<u>(\$ 186,897)</u>	<u>(\$ 5,591)</u>	<u>\$ 1,834,684</u>
Investment income accounted for using										<u>\$ 9,214,254</u>
Not included in segments' income measurement, but regularly provided to operating decision-maker:										
Income tax expense										<u>\$ 3,861,643</u>
Total assets of segments	<u>\$ 35,888,905</u>	<u>\$ 29,633,438</u>	<u>\$ 32,990,500</u>	<u>\$ 41,235,313</u>	<u>\$ 75,380,191</u>	<u>\$ -</u>	<u>\$ 455,650,853</u>	<u>(\$ 120,230,183)</u>	<u>\$ -</u>	<u>\$ 550,549,017</u>

For the year ended December 31, 2018

	1st	2nd	3rd		Formosa	Formosa				
	Petrochemical	Petrochemical	Petrochemical	Plastics	Formosa	Advanced		Reconciliation	Discontinued	
	Div	Div	Div	Division	Taffeta	Technologies	Other divisions	and offset	operations	Total
External revenue	\$ 58,349,628	\$ 61,240,514	\$ 70,701,049	\$ 118,074,185	\$ 27,207,360	\$ 8,785,525	\$ 63,501,504	\$ -	(\$ 8,785,525)	\$ 399,074,240
Internal revenue	84,842,999	35,661,638	4,898,096	17,329,694	386,125	-	12,124,178	(155,242,730)	-	-
Total revenue	<u>\$ 143,192,627</u>	<u>\$ 96,902,152</u>	<u>\$ 75,599,145</u>	<u>\$ 135,403,879</u>	<u>\$ 27,593,485</u>	<u>\$ 8,785,525</u>	<u>\$ 75,625,682</u>	<u>(\$ 155,242,730)</u>	<u>(\$ 8,785,525)</u>	<u>\$ 399,074,240</u>
Segment profit (loss)	<u>\$ 8,596,978</u>	<u>\$ 12,857,003</u>	<u>\$ 4,805,996</u>	<u>\$ 6,643,628</u>	<u>\$ 5,255,762</u>	<u>\$ 1,750,953</u>	<u>\$ 31,851,030</u>	<u>(\$ 8,045,105)</u>	<u>(\$ 1,750,953)</u>	<u>\$ 61,965,292</u>
Segment income										
(loss):										
Total depreciation and amortisation	<u>\$ 3,832,045</u>	<u>\$ 2,633,442</u>	<u>\$ 3,130,805</u>	<u>\$ 2,188,764</u>	<u>\$ 715,860</u>	<u>\$ 1,177,441</u>	<u>\$ 5,156,986</u>	<u>\$ -</u>	<u>(\$ 1,177,441)</u>	<u>\$ 17,657,902</u>
Interest expense	<u>\$ 238,403</u>	<u>\$ 418,244</u>	<u>\$ 112,981</u>	<u>\$ 426,453</u>	<u>\$ 103,358</u>	<u>\$ 1</u>	<u>\$ 1,024,447</u>	<u>(\$ 24,188)</u>	<u>(\$ 1)</u>	<u>\$ 2,299,698</u>
Investment income accounted for using										<u>\$ 15,037,424</u>
Not included in segments' income measurement, but regularly provided to operating decision-maker:										
Income tax expense										<u>\$ 8,275,227</u>
Total assets of segments	<u>\$ 38,733,909</u>	<u>\$ 30,995,726</u>	<u>\$ 35,938,602</u>	<u>\$ 52,609,221</u>	<u>\$ 80,499,503</u>	<u>\$ 12,674,574</u>	<u>\$ 462,209,074</u>	<u>(\$ 122,159,677)</u>	<u>\$ -</u>	<u>\$ 591,500,932</u>

The Group adopts IFRS 16, 'Leases', effects of the adoption to segment on December 31, 2019 are listed below:

	1st	2nd	3rd		Formosa	Formosa				
	Petrochemical	Petrochemical	Petrochemical	Plastics	Formosa	Advanced		Reconciliation	Discontinued	
	Div	Div	Div	Division	Taffeta	Technologies	Other divisions	and offset	operations	Total
Depreciation expense	<u>\$ -</u>	<u>\$ 2,142</u>	<u>\$ 23,232</u>	<u>\$ 6,766</u>	<u>\$ 134,480</u>	<u>\$ -</u>	<u>\$ 49,707</u>	<u>(\$ 17,311)</u>	<u>\$ -</u>	<u>\$ 199,016</u>
Asset of segment	<u>\$ -</u>	<u>\$ 70,958</u>	<u>\$ 151,107</u>	<u>\$ 80,380</u>	<u>\$ 784,563</u>	<u>\$ -</u>	<u>\$ 617,831</u>	<u>(\$ 59,640)</u>	<u>\$ -</u>	<u>\$ 1,645,199</u>
Liabilities of segment	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 57,859</u>	<u>\$ 23,152</u>	<u>\$ 788,594</u>	<u>\$ -</u>	<u>\$ 99,210</u>	<u>(\$ 60,046)</u>	<u>\$ -</u>	<u>\$ 908,769</u>

(4) Reconciliation for segment income (loss)

Sales between segments are carried out at arm's length. The revenue from external parties reported to the chief operating decision-maker is measured in a manner consistent with that in the statement of comprehensive income.

(5) Information on products and services

	For the years ended December 31,	
	2019	2018
Sales revenue	\$ 323,481,616	\$ 406,840,725
Service revenue	475,094	521,498
Other operating income	410,225	497,542
	324,366,935	407,859,765
Less: discontinued operations	(8,867,872)	(8,785,525)
	<u>\$ 315,499,063</u>	<u>\$ 399,074,240</u>

(6) Geographical information

Geographical information for the years ended December 31, 2019 and 2018 is as follows:

	Year ended December 31, 2019		Year ended December 31, 2018	
	Revenue	Non-current assets	Revenue	Non-current assets
Taiwan	\$ 94,690,143	\$ 72,591,040	\$ 167,225,945	\$ 77,947,452
China	168,654,005	37,771,003	171,382,664	35,579,188
Others	61,022,787	25,620,168	69,251,156	24,005,171
	324,366,935	135,982,211	407,859,765	137,531,811
Less: discontinued operations	(8,867,872)	-	(8,785,525)	-
	<u>\$ 315,499,063</u>	<u>\$ 135,982,211</u>	<u>\$ 399,074,240</u>	<u>\$ 137,531,811</u>

(7) Major customer information

The information on customers with over 10% of sales revenue in the statement of comprehensive income for the years ended December 31, 2019 and 2018: None.

Formosa Chemicals and Fibre Corporation and subsidiaries

Loans to others

For the year ended December 31, 2019

Table 1

Expressed in thousands of NTD

(Except as otherwise indicated)

No. (Note 1)	Creditor	Borrower	General ledger account (Note 2)	Is a related party	Maximum outstanding balance during the year ended December 31, 2019 (Note 3)	Balance at December 31, 2019 (Note 8)	Actual amount drawn down	Interest rate	Nature of loan (Note 4)	Amount of transactions with the borrower (Note 5)	Reason for short-term financing (Note 6)	Allowance for doubtful accounts	Collateral		Limit on loans granted to a single party (Note 7)	Ceiling on total loans granted (Note 7)	Footnote
0	The Company	Formosa Plastics Corp.	Other receivables-related parties	Yes	\$ 9,000,000	\$ 7,000,000	\$ -	1.41~1.42	1	2	Additional operating capital	\$ -	-	\$ -	\$ 89,128,667	\$ 178,257,335	-
0	The Company	Formosa Idemitsu Petrochemical Corp.	Other receivables-related parties	Yes	800,000	800,000	-	1.41~1.42	1	2	Additional operating capital	-	-	-	89,128,667	178,257,335	-
0	The Company	Nan Ya Plastics Corp.	Other receivables-related parties	Yes	9,000,000	7,000,000	-	1.41~1.42	1	2	Additional operating capital	-	-	-	89,128,667	178,257,335	-
0	The Company	Formosa Biomedical Technology Corp.	Other receivables-related parties	Yes	600,000	600,000	-	1.41~1.42	2	1	Additional operating capital	-	-	-	71,302,934	142,605,868	-
0	The Company	Formosa Heavy Industries Corp.	Other receivables-related parties	Yes	17,200,000	15,650,000	7,150,000	1.41~1.42	2	1	Additional operating capital	-	-	-	71,302,934	142,605,868	-
0	The Company	Formosa Plastics Marine Corp.	Other receivables-related parties	Yes	500,000	-	-	1.41~1.42	2	1	Additional operating capital	-	-	-	71,302,934	142,605,868	-
0	The Company	Formosa Plastics Marine Co., Ltd.	Other receivables-related parties	Yes	8,913,903	8,540,836	5,648,836	1.41~1.42	2	1	Additional operating capital	-	-	-	71,302,934	142,605,868	-
0	The Company	Formosa Carpet Corp.	Other receivables-related parties	Yes	100,000	100,000	-	1.41~1.42	2	1	Additional operating capital	-	-	-	71,302,934	142,605,868	-

No. (Note 1)	Creditor	Borrower	General ledger account (Note 2)	Is a related party	Maximum outstanding balance during the year ended	Balance at	Actual amount drawn down	Interest rate	Nature of loan (Note 4)	Amount of transactions with the borrower (Note 5)	Reason for short-term financing (Note 6)	Allowance for doubtful accounts	Collateral		Limit on loans granted to a single party (Note 7)	Ceiling on total loans granted (Note 7)	Footnote
					December 31, 2019 (Note 3)	December 31, 2019 (Note 8)							Item	Value			
0	The Company	Hong Jing Resources Corp.	Other receivables- related parties	Yes	\$ 1,600,000	\$ 1,600,000	\$ -	1.41~1.42	2	1	Additional operating capital	\$ -	-	\$ -	\$ 71,302,934	\$ 142,605,868	-
0	The Company	Tah Shin Spinning Corp.	Other receivables- related parties	Yes	100,000	100,000	-	1.41~1.42	2	1	Additional operating capital	-	-	-	71,302,934	142,605,868	-
0	The Company	Formosa Petrochemical Corp.	Other receivables- related parties	Yes	15,000,000	7,000,000	-	1.41~1.42	1	2	Additional operating capital	-	-	-	89,128,667	178,257,335	-
0	The Company	Nan Ya Technology Corp.	Other receivables- related parties	Yes	1,500,000	-	-	1.41~1.42	2	1	Additional operating capital	-	-	-	71,302,934	142,605,868	-
0	The Company	Formosa Lithium Iron Oxide Corp.	Other receivables- related parties	Yes	500,000	-	-	1.41~1.42	2	1	Additional operating capital	-	-	-	71,302,934	142,605,868	-
1	Formosa Biomedical Technology Corp.	Hong Jing Resources Corp.	Other receivables- related parties	Yes	15,000	-	-	1.41~1.42	2	1	Additional operating capital	-	-	-	518,762	1,296,905	-
2	Formosa Power (Ningbo) Co., Ltd.	Formosa Heavy Industries (Ningbo) Corp.	Receivables from related party	Yes	174,918	-	-	3.48	2	1	Additional operating capital	-	-	-	6,232,495	15,581,237	-

No. (Note 1)	Creditor	Borrower	General ledger account (Note 2)	Is a related party	Maximum outstanding balance during the year ended December 31, 2019 (Note 3)	Balance at December 31, 2019 (Note 8)	Actual amount drawn down	Interest rate	Nature of loan (Note 4)	Amount of transactions with the borrower (Note 5)	Reason for short-term financing (Note 6)	Allowance for doubtful accounts	Collateral		Limit on loans granted to a single party (Note 7)	Ceiling on total loans granted (Note 7)	Footnote
2	Formosa Power (Ningbo) Co., Ltd.	Formosa Chemicals Industries (Ningbo) Co., Ltd.	Receivables from related party	Yes	\$ 6,937,740	\$ 6,054,647	\$ 6,054,647	3.48	1	2	Additional operating capital	\$ -	-	\$ -	\$ 7,790,619	\$ 15,581,237	-

Note 1: The numbers filled in for the loans provided by the Company or subsidiaries are as follows:

(1) The Company is '0'.

(2) The subsidiaries are numbered in order starting from '1'.

Note 2: Name of account in which the loans are recognised including but not limited to accounts receivables-related parties, other receivables-related parties and, current account with stockholders, prepayments, and temporary payments, etc.

Note 3 : Maximum outstanding balance of loans to others during the year ended December 31, 2019.

Note 4 : The nature of loans:

(1) Related to business transactions is "1".

(2) Short-term financing is "2".

Note 5 : Amount of business transactions with the borrower :

(1) No business transactions is "1".

(2) Business transactions amount is provided in Note 13 (1) G.

Note 6 : Provided that loans to others are for necessary short-term financing by nature, shall specifically note necessary reasons for the loans and purposes of the borrowers, for example, repayment of loans, acquisition of equipment, and financing for operation, etc.

Note 7 : The calculation of line of credit:

The limit on loans granted by the Company to a single party, related party and party with business transactions shall not be more than 25% of the Company's net assets, and limit to others is 20% of the Company's net assets.

The ceiling on loans granted by the Company to others shall not be more than 50% of the Company's net assets, and ceiling on loans granted a short-term financing borrower with no business transactions shall not be more than 40% of the Company's net assets.

The limit on loans granted by a subsidiary to a single party, related party and party with business transactions shall not be more than 50% of the subsidiary's net assets, and limit to others is 40% of the subsidiary's net assets.

The ceiling on loans granted by a subsidiary to others shall not be more than 100% of the Company's net assets, and limit on loans granted by a subsidiary to a single party, related party and party with business transactions shall not be more than 50% of the subsidiary's net assets, and limit to others is 40% of the subsidiary's net assets.

Note 8 : The amount was resolved by the Board of Directors.

Formosa Chemicals and Fibre Corporation and subsidiaries
Provision of endorsements and guarantees to others
For the year ended December 31, 2019

Table 2

Expressed in thousands of NTD
(Except as otherwise indicated)

Number (Note 1)	Endorser/ guarantor	Party being endorsed/guaranteed Company name	Relationship with the endorser/ guarantor (Note 2)	Limit on endorsements/ guarantees provided for a single party (Note 3)	Maximum outstanding endorsement/ guarantee amount as of December 31, 2019 (Note 4)	Outstanding endorsement/ guarantee amount at December 31, 2019 (Note 5)	Actual amount drawn down (Note 6)	Amount of endorsements/ guarantees secured with collateral	Ratio of accumulated endorsement/ guarantee amount to net asset value of the endorser/ guarantor company	Ceiling on total amount of endorsements/ guarantees provided (Note 3)	Provision of endorsements/ guarantees by parent company to subsidiary (Note 7)	Provision of endorsements/ guarantees by subsidiary to parent company (Note 7)	Provision of endorsements/ guarantees to the party in Mainland China (Note 7)	Footnote
0	The Company	Formosa Industries Corp., Vietnam	1	\$ 14,459,306	\$ 5,044,695	\$ 602,120	\$ 602,120	\$ -	0.17	\$ 463,469,070	Y	N	N	-
0	The Company	Formosa Group (Cayman) Limited	6	231,734,535	19,315,625	7,526,500	7,526,500	-	2.11	463,469,070	N	N	N	-
0	The Company	Formosa Ha Tinh (Cayman) Limited	6	231,734,535	21,791,720	20,753,559	20,753,559	-	5.82	463,469,070	N	N	N	-
0	The Company	Formosa Resources Corporation	6	231,734,535	3,398,290	3,236,395	3,236,395	-	0.91	463,469,070	N	N	N	-
1	Formosa Taffeta Co., Ltd.	Formosa Taffeta (Zhongshan) Co., Ltd.	2	41,772,427	1,042,800	989,340	29,980	-	1.54	83,544,855	Y	N	Y	-
1	Formosa Taffeta Co., Ltd.	Formosa Taffeta (Vietnam) Co., Ltd.	2	41,772,427	1,616,500	1,588,940	603,494	-	2.47	83,544,855	Y	N	N	-
1	Formosa Taffeta Co., Ltd.	Formosa Taffeta (Changshu) Co., Ltd.	2	41,772,427	1,738,000	1,648,900	293,174	-	2.57	83,544,855	Y	N	Y	-
1	Formosa Taffeta Co., Ltd.	Formosa Taffeta (Dong Nai) Co., Ltd.	2	41,772,427	4,803,200	4,257,160	2,876,937	-	6.62	83,544,855	Y	N	N	-
1	Formosa Taffeta Co., Ltd.	Formosa Ha Tinh (Cayman) Co., Ltd.	6	41,772,427	7,330,382	6,954,584	6,954,584	-	10.82	83,544,855	N	N	N	-
2	Formosa Development Co., Ltd.	Public More Internation Company Co., Ltd.	2	185,030	3,000	3,000	3,000	-	1.05	370,060	N	N	N	-

Note 1: The numbers filled in for the endorsements/guarantees provided by the Company or subsidiaries are as follows:

- (1) The Company is '0'.
- (2) The subsidiaries are numbered in order starting from '1'.

Note 2: Relationship between the endorser/guarantor and the party being endorsed/guaranteed is classified into the following six categories:

- (1) Having business relationship.
- (2) The endorser/guarantor parent company owns directly more than 50% voting shares of the endorsed/guaranteed subsidiary.
- (3) The endorser/guarantor parent company and its subsidiaries jointly own more than 50% voting shares of the endorsed/guaranteed company.
- (4) The endorsed/guaranteed parent company directly or indirectly owns more than 90% voting shares of the endorser/guarantor subsidiary.
- (5) Mutual guarantee of the trade as required by the construction contract.
- (6) Due to joint venture, each shareholder provides endorsements/guarantees to the endorsed/guaranteed company in proportion to its ownership.
- (7) Joint guarantee of the performance guarantee for pre-sold home sales contract as required under the Consumer Protection Act.

Note 3: In accordance with Company's procedures of endorsements and guarantees, limit on the Company's total guarantee amount is 130% of the Company's net assets, the limit on endorsement/guarantee to a single party is 50% of the aforementioned total amount. For companies having business relationship with the Company and thus being provided endorsements/guarantees, the limit on endorsements to a single party is the higher value of purchasing or selling.

Note 4: Year-to-date maximum outstanding balance of endorsements/guarantees provided as of the reporting period.

Note 5: Fill in the amount approved by the Board of Directors or the chairman if the chairman has been authorised by the Board of Directors based on subparagraph 8, Article 12 of the Regulations Governing Loaning of Funds and Making of Endorsements/Guarantees by Public Companies.

Note 6: Fill in the actual amount of endorsements/guarantees used by the endorsed/guaranteed company.

Note 7: 'Y' represents cases of provision of endorsements/guarantees by listed parent company to subsidiary, provision by subsidiary to listed parent company, or provision to the party in Mainland China.

Formosa Chemicals and Fibre Corporation and subsidiaries
Holding of marketable securities at the end of the period (not including subsidiaries, associates and joint ventures)
For the year ended December 31, 2019

Table 3

Expressed in thousands of NTD
(Except as otherwise indicated)

Securities held by	Marketable securities (Note 1)	Relationship with the securities issuer (Note 2)	General ledger account	As of December 31, 2019				Footnote
				Number of shares	Book value	Ownership (%)	Fair value	
The Company	Stocks_Formosa Plastics Corp.	Other related parties	Financial assets at fair value through other comprehensive income - current	486,978,692	\$ 48,600,473	7.65	\$ 48,600,473	-
The Company	Stocks_Asia Pacific Investment Corp.	Other related parties	Financial assets at fair value through other comprehensive income - current	63,621,500	2,206,394	14.97	2,206,394	-
The Company	Stocks_Nan Ya Plastics Corp.	Other related parties	Financial assets at fair value through other comprehensive income - current	413,327,750	30,090,260	5.21	30,090,260	-
The Company	Stocks_Nan Ya Technology Corp.	Other related parties	Financial assets at fair value through other comprehensive income - current	334,815,409	27,923,605	10.90	27,923,605	-
The Company	Stocks_Formosa Union Chemical Corp.	-	Financial assets at fair value through other comprehensive income - current	14,723,422	189,196	3.09	189,196	-
The Company	Mega Private US Dollar Money Market Funds	-	Financial assets at fair value through profit or loss - current	12,477,992	4,043,968	-	4,043,968	-
The Company	Stocks_Mai-Liao Harbor Administration Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	39,562,740	896,096	17.98	896,096	-
The Company	Stocks_Formosa Plastic Corp. U.S.A	Other related parties	Financial assets at fair value through other comprehensive income - non-current	8,999	7,407,059	2.92	7,407,059	-
The Company	Stocks_Taiwan Stock Exchange Corp.	-	Financial assets at fair value through other comprehensive income - non-current	14,565,836	1,143,127	2.00	1,143,127	-
The Company	Stocks_Taiwan Aerospace Corp.	-	Financial assets at fair value through other comprehensive income - non-current	1,070,151	18,910	0.79	18,910	-
The Company	Stocks_Yi-Jih Development Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	300,000	14,685	1.51	14,685	-

Securities held by	Marketable securities (Note 1)	Relationship with the securities issuer (Note 2)	General ledger account	As of December 31, 2019				Footnote
				Number of shares	Book value	Ownership (%)	Fair value	
The Company	Stocks_Chinese Television System Corp.	-	Financial assets at fair value through other comprehensive income - non-current	2,376,202	\$ 45,766	1.41	\$ 45,766	-
The Company	Stocks_Formosa Plastics Maritime Corp.	Other related parties	Financial assets at fair value through other comprehensive income- non-current	355,880	302,954	18.22	302,954	-
The Company	Stocks_Formosa Development Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	16,508,732	259,022	18.00	259,022	-
The Company	Stocks_Formosa Network Technology Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	2,925,000	72,949	12.50	72,949	-
The Company	Stocks_Formosa Plastics Marine Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	2,428,500	752,689	15.00	752,689	-
The Company	Stocks_Formosa Ocean Group Marine Investment Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	2,622	4,842,526	19.00	4,842,526	-
The Company	Stocks_Guangyuan Investment Corp.	-	Financial assets at fair value through other comprehensive income - non-current	5,000,000	26,600	3.91	26,600	-
The Company	Stocks_Mega Growth Venture Capital Co., Ltd.	-	Financial assets at fair value through other comprehensive income - non-current	2,500,000	19,750	1.25	19,750	-
FCFC International (Cayman) Limited	Stocks_Formosa Ha Tinh (Cayman) Limited	Other related parties	Financial assets at fair value through other comprehensive income - non-current	621,178,219	11,407,727	11.43	11,407,727	-
Formosa Biomedical Technology Corp.	Stocks_Formosa Union Chemical Corp.	-	Financial assets at fair value through other comprehensive income - current	865,373	11,120	0.18	11,120	-
Formosa Biomedical Technology Corp.	Stocks_Formosa Lithium Iron Oxide Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	5,300,000	-	15.14	-	-
Formosa Biomedical Technology Corp.	Stocks_Formosa Network Technology Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	283,120	7,061	1.21	7,061	-

Table 3, Page 2

Securities held by	Marketable securities (Note 1)	Relationship with the securities issuer (Note 2)	General ledger account	As of December 31, 2019				Footnote
				Number of shares	Book value	Ownership (%)	Fair value	
Formosa Biomedical Technology Corp.	Stocks_Taiwan Leader Biotech Corp.	-	Financial assets at fair value through other comprehensive income - non-current	2,100,000	\$ 37,590	4.67	\$ 37,590	-
Formosa Biomedical Technology Corp.	Stocks_United Performance Materials Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	423,720	4,076	0.46	4,076	-
Formosa Biomedical Technology Corp.	Stocks_United Biopharma (Cayman), Inc.	-	Financial assets at fair value through other comprehensive income - non-current	23,559,814	229,473	13.42	229,473	-
Formosa Biomedical Technology Corp.	Stocks_UBI Pharma Inc.	-	Financial assets at fair value through other comprehensive income - non-current	26,597,922	178,206	18.68	178,206	-
Formosa Taffeta Co., Ltd.	Stocks_Formosa Chemicals & Fibre Corp.	Ultimate parent company	Financial assets at fair value through other comprehensive income - current	12,169,610	1,064,841	0.21	1,064,841	3
Formosa Taffeta Co., Ltd.	Stocks_Pacific Electric Wire & Cable Corp., Ltd.	-	Financial assets at fair value through other comprehensive income - current	32	-	-	-	-
Formosa Taffeta Co., Ltd.	Stocks_Formosa Plastics Corp.	Other related parties	Financial assets at fair value through other comprehensive income - current	640	64	-	64	-
Formosa Taffeta Co., Ltd.	Stocks_Nan Ya Plastics Corp.	Other related parties	Financial assets at fair value through other comprehensive income - current	482,194	35,103	0.01	35,103	-
Formosa Taffeta Co., Ltd.	Stocks_Asia Pacific Investment Corp.	Other related parties	Financial assets at fair value through other comprehensive income - current	10,000,000	346,800	2.35	346,800	-
Formosa Taffeta Co., Ltd.	Stocks_Nan Ya Technology Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	7,711,010	643,098	0.25	643,098	-
Formosa Taffeta Co., Ltd.	Stocks_Formosa Petrochemical Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	365,267,576	35,613,589	3.83	35,613,589	-
Formosa Taffeta Co., Ltd.	Stocks_Syntronix Corporation	-	Financial assets at fair value through other comprehensive income - non-current	191,885	6,665	0.45	6,665	-
Formosa Taffeta Co., Ltd.	Stocks_Toa Resin Corp., Ltd.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	14,400	35,689	10.00	35,689	-
Formosa Taffeta Co., Ltd.	Stocks_Shin Yun Natural Gas Corp.	-	Financial assets at fair value through other comprehensive income - non-current	730,556	19,026	1.20	19,026	-

Securities held by	Marketable securities (Note 1)	Relationship with the securities issuer (Note 2)	General ledger account	As of December 31, 2019				Footnote
				Number of shares	Book value	Ownership (%)	Fair value	
Formosa Taffeta Co., Ltd.	Stocks_Wk Technology Fund IV Ltd.	-	Financial assets at fair value through other comprehensive income - non-current	1,348,731	\$ 16,342	3.17	\$ 16,342	-
Formosa Taffeta Co., Ltd.	Stocks_Nan Ya Optical Corp.	Other related parties	Financial assets at fair value through other comprehensive income - non-current	4,393,973	72,808	9.53	72,808	-
Formosa Taffeta Co., Ltd.	FG INC	Other related parties	Financial assets at fair value through other comprehensive income - non-current	600	265,323	3.00	265,323	-
Formosa Taffeta (Cayman) Co., Ltd.	Stocks_Formosa Ha Tinh (Cayman) Limited	Other related parties	Financial assets at fair value through other comprehensive income - non-current	209,010,676	3,775,485	3.85	3,775,485	-
Formosa Development Co., Ltd.	Stocks_Formosa Taffeta Co., Ltd.	Parent company	Financial assets at fair value through other comprehensive income - non-current	2,193,228	75,008	0.13	75,008	-

Note 1: Marketable securities in the table refer to stocks, bonds, beneficiary certificates and other related derivative securities, as defined in IFRS 9 "Financial instruments".

Note 2: The column is left blank if the issuer of marketable securities is non-related party.

Note 3: The Company's stocks held by the subsidiaries—Formosa Taffeta Co., Ltd. —is deemed as treasury stocks. Details are provided in Note 6 (15).

Formosa Chemicals and Fibre Corporation and subsidiaries
Acquisition or sale of the same security with the accumulated cost exceeding \$300 million or 20% of the Company's paid-in capital
For the year ended December 31, 2019

Table 4

Expressed in thousands of NTD
(Except as otherwise indicated)

Investor	Marketable securities (Note 1)	General ledger account	Counterparty (Note 2)	Relationship with the investor (Note 2)	Balance as at January 1, 2019		Addition (Note 3)		Disposal (Note 3)		Gain (loss) on disposal		Balance as at December 31, 2019	
					Number of shares	Amount	Number of shares	Amount	Number of shares	Selling price	Book value		Number of shares	Amount
The Company	FC INC.	Investments accounted for under equity method	FC INC.	Related parties	6,000	\$ 2,009,968	-	\$ 694,710	-	\$ -	-	\$ -	6,000	\$ 2,605,772
The Company	Formosa Resources Corp.	Investments accounted for under equity method	-	-	584,594,000	5,370,047	157,000,000	1,570,000	-	-	-	-	741,594,000	6,615,934
The Company	FCFC Investment Corp. (Cayman)	Investments accounted for under equity method	-	-	56,000	46,663,473	-	3,743,844	-	-	-	-	56,000	52,477,831
FCFC Investment Corp. (Cayman)	Formosa Chemicals & Fibre (Hong Kong) Co., Ltd.	Investments accounted for under equity method	-	-	-	32,972,128	-	3,743,844	-	-	-	-	-	37,946,987
Formosa Chemicals & Fibre (Hong Kong) Co., Ltd.	Formosa Chemicals Industries (Ningbo) Co., Ltd.	Investments accounted for under equity method	-	-	-	32,972,128	-	3,743,844	-	-	-	-	-	37,946,987
Formosa Taffeta Co., Ltd. (Note 6)	Formosa Advanced Technologies Co., Ltd.	Investments accounted for under equity method	Nan Ya Technology Corp. - Nan Ya PCB Corp.	Other related parties	206,442,472	5,350,424	-	300,000	70,756,000	2,514,064	1,829,451	2,016,760	135,686,472	4,867,814
Formosa Advanced Technologies Co., Ltd. (Note 5)	Jih Sun Money Market Fund.	Financial assets at fair value through profit or loss--current	-	-	15,147,454	224,084	20,240,320	300,000	35,387,774	524,629	524,325	304	-	-

Note 1: Marketable securities in the table refer to stocks, bonds, beneficiary certificates and other related derivative securities.

Note 2: Fill in the columns the counterparty and relationship if securities are accounted for under the equity method; otherwise leave the columns blank.

Note 3: Aggregate purchases and sales amounts should be calculated separately at their market values to verify whether they individually reach \$300 million or 20% of paid-in capital or more.

Note 4: Paid-in capital referred to herein is the paid-in capital of parent company. In case that shares were issued with no par value or a par value other than NT\$10 per share, the 20% of paid-in capital level shall be replaced by 10% of equity attributable to owners of the parent in the calculation.

Note 5: On December 13, 2019, the Board of Directors of Formosa Taffeta Co., Ltd. resolved to dispose 16% equity interest of Formosa Advanced Technologies Co.. On December 16, 2019, Formosa Taffeta Co., Ltd. lost control but retained significant influence over Formosa Advanced Technologies Co.. After the disposal, it was reclassified from a consolidated subsidiary to 'investments accounted for using equity method'. Details are provided in Note 6 (6).

Note 6: It included gain on remeasurement of remaining investments at fair value amounting to \$1,332,446. Details are provided in Note 6 (9).

Formosa Chemicals and Fibre Corporation and subsidiaries
Purchases or sales of goods from or to related parties reaching \$100 million or 20% of paid-in capital or more
For the year ended December 31, 2019

Table 5

Expressed in thousands of NTD
(Except as otherwise indicated)

							Differences in transaction terms compared to third party transactions (Note 1)						
			Transaction				Notes/accounts receivable (payable)						
Purchaser/seller	Counterparty	Relationship with the counterparty	Purchases (sales)	Amount	Percentage of total purchases (sales)	Credit term	Unit price	Credit term	Balance		Percentage of total notes/accounts receivable (payable)	Footnote (Note 1)	
The Company	Formosa Plastics Corp.	Other related parties	Sales	(\$ 1,795,556)	(1)	30 days	\$ -	-	\$ 166,495		1	-	
The Company	Nan Ya Plastics Corp.	Other related parties	Sales	(24,442,785)	(12)	30 days	-	-	1,923,275		10	-	
The Company	Formosa Taffeta Co., Ltd.	Subsidiary	Sales	(1,631,215)	(1)	60 days	-	-	Notes receivable 44,999		17	-	
The Company	Formosa Taffeta (Dong Nai) Corp.	Subsidiary	Sales	(413,603)	-	60 days	-	-	Accounts receivable 409,615		2	-	
The Company	Formosa Petrochemical Corp.	Associates	Sales	(15,972,584)	(8)	30 days	-	-	130,977		1	-	
The Company	Formosa Chemicals Industries (Ningbo) Co.,	Subsidiary	Sales	(30,215,362)	(15)	90 days	-	-	1,187,616		6	-	
The Company	Formosa Chemicals Industries (Ningbo) Co.,	Subsidiary	Sales	(30,215,362)	(15)	90 days	-	-	7,585,976		41	-	
The Company	Formosa Industries Corp., Vietnam	Subsidiary	Sales	(2,809,503)	(1)	30 days	-	-	320,989		2	-	
The Company	PFG Fiber Glass Corp.	Other related parties	Sales	(462,079)	-	30 days	-	-	35,903		-	-	
The Company	Formosa Idemitsu Petrochemical Corp.	Subsidiary	Sales	(11,531,371)	(6)	30 days	-	-	1,037,290		6	-	
The Company	Formosa Plastics Corp., U.S.A.	Other related parties	Sales	(219,129)	-	30 days	-	-	34,656		-	-	
The Company	Formosa Plastics Corp.	Other related parties	Purchases	6,329,550	4	30 days	-	-	(552,181)	(	4)	-
The Company	Nan Ya Plastics Corp.	Other related parties	Purchases	7,230,089	5	30 days	-	-	(619,071)	(	5)	-
The Company	Formosa Petrochemical Corp.	Associates	Purchases	100,365,621	63	30 days	-	-	(8,539,956)	(	63)	-
Formosa BP Chemicals Corp.	The Company	Parent company	Sales	(1,070,969)	(19)	30 days	-	-	86,996		11	-	

							Differences in transaction terms compared to third party transactions (Note 1)						
Transaction							Notes/accounts receivable (payable)						
Purchaser/seller	Counterparty	Relationship with the counterparty	Purchases (sales)	Amount	Percentage of total purchases (sales)	Credit term	Unit price	Credit term	Balance	Percentage of total notes/accounts receivable (payable)	Footnote (Note 1)		
Formosa BP Chemicals Corp.	BP Chemicals (Malaysia) SDN Corp.	Associates	Sales	(\$ 1,099,932) (	20)	90 days after shipped	\$ -	-	\$ 360,297	45	-	
Formosa BP Chemicals Corp.	Formosa Petrochemical Corp.	Associates	Sales	(545,116) (	10)	30 days	-	-	57,431	7	-	
Formosa BP Chemicals Corp.	Formosa Petrochemical Corp.	Associates	Purchases	2,092,749	54	45days	-	-	(218,366) (	83)	-	
Formosa Power (Ningbo) Co., Ltd.	Formosa Chemicals Industries (Ningbo) Co., Ltd.	Associates	Sales	(2,753,328) (	39)	30 days	-	-	243,613	38	-	
Formosa Power (Ningbo) Co., Ltd.	Formosa Plastics (Ningbo) Co., Ltd.	Other related parties	Sales	(2,390,321) (	34)	30 days	-	-	209,130	32	-	
Formosa Power (Ningbo) Co., Ltd.	Nan Ya Plastics (Ningbo) Corp.	Other related parties	Sales	(498,704) (	7)	30 days	-	-	40,170	6	-	
Formosa Chemicals Industries (Ningbo) Co., Ltd.	Nan Ya Plastics (Ningbo) Corp.	Other related parties	Sales	(6,219,560) (	8)	90 days	-	-	579,512	5	-	
Formosa Chemicals Industries (Ningbo) Co., Ltd.	Formosa Plastics Corp.	Other related parties	Purchases	2,471,844	4	90 days	-	-	(336,843) (	4)	-	
Formosa Chemicals Industries (Ningbo) Co., Ltd.	Formosa Petrochemical Corp.	Associates	Purchases	2,722,620	4	90 days	-	-	(218,718) (	2)	-	
Formosa Industries Corp	The Company	Parent company	Sales	(474,464) (	2)	60 days	-	-	112,726	6	-	
Formosa Industries Corp.	Formosa Taffeta (Dong Nai) Corp.	Associates	Sales	(664,088) (	2)	60 days	-	-	99,834	5	-	
Formosa Industries Corp.	Formosa Taffeta (Long An) Corp.	Associates	Sales	(152,144) (	1)	60 days	-	-	28,693	1	-	
Formosa Industries Corp.	Formosa Plastics Corp.	Other related parties	Purchases	360,784	2	30 days	-	-	(33,391) (	2)	-	

Table 5, Page 2

							Differences in transaction terms compared to third party transactions (Note 1)						
			Transaction				Notes/accounts receivable (payable)						
Purchaser/seller	Counterparty	Relationship with the counterparty	Purchases (sales)	Amount	Percentage of total purchases (sales)	Credit term	Unit price	Credit term	Balance		Percentage of total notes/accounts receivable (payable)	Footnote (Note 1)	
Formosa Industries Corp.	Nan Ya Plastics Corp.	Other related parties	Purchases	\$ 2,521,147	11	30 days	\$ -	-	(\$ 258,445)	(12)	-		
Formosa Idemitsu Petrochemical Corp.	The Company	Parent company	Sales	(1,387,061)	(11)	30 days	-	-	116,613		15	-	
Formosa Idemitsu Petrochemical Corp.	Idemitsu Europe Co., Ltd.	Associates	Sales	(252,838)	(2)	30 days after closing date	-	-	15,647		2	-	
Formosa Idemitsu Petrochemical Corp.	Idemitsu Chemicals Taiwan Corp.	Associates	Sales	(565,872)	(4)	30 days after closing date	-	-	83,007		10	-	
Formosa Idemitsu Petrochemical Corp.	Idemitsu Kosan Co., Ltd.	Associates	Sales	(1,122,532)	(9)	30 days after closing date	-	-	70,341		9	-	
Formosa Idemitsu Petrochemical Corp.	Idemitsu Chemicals (Hong Kong) Co., Ltd.	Associates	Sales	(760,910)	(6)	30 days after closing date	-	-	87,623		11	-	
Formosa Idemitsu Petrochemical Corp.	Idemitsu Chemicals (U.S.A) Co., Ltd.	Associates	Sales	(127,118)	(1)	30 days after closing date	-	-	10,664		1	-	
Formosa Biomedical Technology Corp.	Nan Ya Technology Corp.	Other related parties	Sales	(158,359)	(7)	30 days	-	-	3,653		1	-	
Formosa Taffeta Co., Ltd.	Quang Viet Enterprise Co., Ltd.	Associates	Sales	(372,368)	(1)	Pay by mail transfer 60 days after delivery	-	-	71,196		4	-	
Formosa Taffeta Co., Ltd.	Yugen Co., Ltd.	Other related parties	Sales	(289,838)	(1)	Pay 120 days after delivery	-	-	47,012		2	-	
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Dong Nai) Corp.	Subsidiary	Sales	(257,608)	(1.00)	60 days after monthly billings	-	-	27,578		1	-	
Formosa Taffeta Co., Ltd.	Formosa Petrochemical Corp.	Other related parties	Purchases	10,726,911	47	Pay every 15 days by mail transfer	-	-	(440,852)	(26)	-		

Table 5, Page 3

			Differences in transaction terms compared to third party transactions (Note 1)									
			Transaction				Notes/accounts receivable (payable)					
Purchaser/seller	Counterparty	Relationship with the counterparty	Purchases (sales)	Amount	Percentage of total purchases (sales)	Credit term	Unit price	Credit term	Balance	Percentage of total notes/accounts receivable (payable)	Footnote (Note 1)	
Formosa Taffeta Co., Ltd.	Nan Ya Plastics Corp.	Other related parties	Purchases	\$ 872,256	4	Pay every 15 days by mail transfer	\$ -	-	(\$ 85,949)	(5)	-	
Formosa Taffeta Co., Ltd.	Formosa Plastics Corp.	Other related parties	Purchases	257,885	1	Pay every 15 days by mail transfer	-	-	(14,812)	(1)	-	
Formosa Taffeta (Zhong Shan) Co., Ltd.	Formosa Taffeta (Changshu) Co., Ltd.	Associates	Sales	(471,866)	(25)	60 days	-	-	207,383	70	-	
Formosa Taffeta (Vietnam) Co., Ltd.	Formosa Industries Corp., Vietnam	Associates	Purchases	161,548	7	60 days	-	-	(4,595)	(4)	-	
Formosa Taffeta (Dong Nai) Co., Ltd.	Formosa Taffeta (Vietnam) Co., Ltd.	Associates	Sales	(372,989)	(8)	60 days	-	-	39,130	4	-	
Formosa Taffeta (Dong Nai) Co., Ltd.	Formosa Taffeta Co., Ltd.	Parent company	Sales	(397,427)	(8)	60 days	-	-	76,101	9	-	
Formosa Taffeta (Dong Nai) Co., Ltd.	Kuang Yueh Co., Ltd.	Other related parties	Sales	(209,238)	(4)	60 days	-	-	31,491	4	-	
Formosa Taffeta (Dong Nai) Co., Ltd.	Nan Ya Plastics Corp.	Other related parties	Purchases	126,991	3	60 days	-	-	(5,129)	(1)	-	
Formosa Taffeta (Changshu) Co., Ltd	Jiaxing Quang Viet Garment Co., Ltd.	Other related parties	Sales	(176,963)	(11)	Pay by mail transfer 60 days after delivery	-	-	6,532	4	-	

Note 1: The disclosed transaction is the revenue side and related transactions are no longer disclosed.

Formosa Chemicals and Fibre Corporation and subsidiaries
Receivables from related parties reaching \$100 million or 20% of paid-in capital or more
For the year ended December 31, 2019

Table 6

Expressed in thousands of NTD

(Except as otherwise indicated)

Creditor	Counterparty	Relationship with the counterparty	Balance as at December 31, 2019		Turnover rate	Overdue receivables		Amount collected subsequent to the balance sheet date	Allowance for doubtful accounts		
			(Note 1)			Amount	Action taken				
The Company	Formosa Plastics Corp.	Other related parties	\$	166,495	11.35	\$	-	\$	166,495	\$	-
The Company	Nan Ya Plastics Corp.	Other related parties		1,923,275	10.60		-		1,923,275		-
The Company	Formosa Taffeta Co., Ltd.	Subsidiary	Notes receivable	44,999	2.97		-		-		-
			Accounts receivable	409,615					84,045		-
The Company	Formosa Taffeta (Dong Nai) Co.,	Subsidiary		130,977	3.65		-		-		-
The Company	Formosa Petrochemical Corp.	Associates		1,187,616	8.97		-		1,187,616		-
The Company	Formosa Industries Corp	Subsidiary		320,989	6.03		-		320,989		-
The Company	Formosa Chemicals Industries (Ningbo) Co., Ltd.	Subsidiary		7,585,976	3.40		-		5,252,320		-
The Company	Formosa Idemitsu Petrochemical	Subsidiary		1,037,290	9.94		-		1,037,290		-
Formosa BP Chemicals Corp	BP Chemicals (Malaysia) SDN Corp.	Associates		360,297	2.15		-		241,435		-
Formosa Idemitsu Petrochemical Corp.	The Company	Associates		116,613	18.69		-		116,613		-
Formosa Power (Ningbo) Co., Ltd.	Formosa Chemicals Industries (Ningbo) Co., Ltd.	Associates		243,613	10.90		-		243,578		-
Formosa Power (Ningbo) Co., Ltd.	Formosa Plastics (Ningbo) Co., Ltd.	Other related parties		209,130	10.97		-		209,130		-
Formosa Chemicals Industries (Ningbo) Co., Ltd.	Nan Ya Plastics (Ningbo) Corp.	Other related parties		579,512	9.93		-		40,170		-
Formosa Industries Corp	The Company	Other related parties		112,726	4.41		-		40,861		-
Formosa Taffeta (Zhong Shan) Co., Ltd.	Formosa Taffeta (Changshu) Co., Ltd.	Associates		297,383	2.88		-		45,706		-

Note 1: Fill in separately the balances of accounts receivable-related parties, notes receivable-related parties, other receivables-related parties....

Formosa Chemicals and Fibre Corporation and subsidiaries
Significant inter-company transactions during the reporting period
For the year ended December 31, 2019

Table 7

Expressed in thousands of NTD
(Except as otherwise indicated)

Number (Note 1)	Company name	Counterparty	Relationship (Note 2)	Transaction			Percentage of consolidated total operating revenues or total assets (Note 3)
				General ledger account	Amount	Transaction terms	
0	The Company	Formosa Chemicals Industries (Ningbo) Co., Ltd.	1	Sales revenue	(\$ 30,215,362)	In regular terms	(10)
0	The Company	Formosa Idemitsu Petrochemical Corp.	1	Sales revenue	(11,531,371)	In regular terms	(4)

Note 1: The numbers filled in for the transaction company in respect of inter-company transactions are as follows:

(1) Parent company is '0'.

(2) The subsidiaries are numbered in order starting from '1'.

Note 2: Relationship between transaction company and counterparty is classified into the following three categories:

(1) Parent company to subsidiary.

(2) Subsidiary to parent company.

(3) Subsidiary to subsidiary.

Note 3: Regarding percentage of transaction amount to consolidated total operating revenues or total assets, it is computed based on period-end balance of transaction to consolidated total assets for balance sheet accounts and based on accumulated transaction amount for the period to consolidated total operating revenues for income statement accounts.

Note 4: If the transaction amount in this sheet reaches 3% of consolidated operating income or total assets, it is considered material.

Formosa Chemicals and Fibre Corporation and subsidiaries
Information on investees (Excluding those in Mainland China)
For the year ended December 31, 2019

Table 8

Expressed in thousands of NTD
(Except as otherwise indicated)

Investor	Investee (Note 1,2)	Location	Main business activities	Initial investment amount		Shares held as at December 31, 2019			Net profit (loss) of the investee for the year ended December 31, 2019	Investment income (loss) recognised by the Company for the year ended December 31, 2019	Footnote
				Balance as at December 31, 2019	Balance as at December 31, 2018	Number of shares	Ownership (%)	Book value			
The Company	Tah Shin Spinning Corp.	Taiwan	Spinning	\$ 5,549	\$ 5,549	1,728,000	86.40	\$ 32,508	(\$ 8,361)	(\$ 7,224)	-
The Company	Formosa Taffeta Co., Ltd.	Taiwan	Spinning	719,003	719,003	630,022,431	37.40	23,552,658	5,188,729	1,895,770	-
The Company	Formosa Heavy Industries Corp.	Taiwan	Machinery	2,497,721	2,497,721	651,706,181	32.91	7,168,024	124,778	42,318	-
The Company	Formosa Fairway Corporation	Taiwan	Transportation	33,320	33,320	4,697,951	33.33	82,161	(16,684)	(5,560)	-
The Company	Formosa Plastics Transport Corp.	Taiwan	Transportation	299,272	299,272	6,566,384	33.33	1,062,761	147,833	45,844	-
The Company	Formosa Petrochemical Corp.	Taiwan	Chemistry	25,842,468	25,842,468	2,300,799,801	24.15	79,497,235	36,798,213	8,719,782	-
The Company	Mai-Liao Power Corp.	Taiwan	Electricity generation	5,985,531	5,985,531	547,030,137	24.94	11,049,766	2,199,499	548,555	-
The Company	FCFC Investment Corp. (Cayman)	Cayman Islands	Investments	34,012,602	30,268,758	56,000	100.00	52,477,831	3,939,931	3,939,931	-
The Company	Hwa Ya Science Park Management Consulting Co, Ltd.	Taiwan	Management	340	340	33,000	33.00	2,530	2,908	960	-
The Company	Chia-Nan Enterprise Corporation	Taiwan	Electricity generation	225,034	225,034	12,448,800	30.00	225,553	27,258	8,143	-
The Company	Formosa Idemitsu Petrochemical Corp.	Taiwan	Wholesale and retail of petrochemical and plastic raw materials	299,999	299,999	60,000,000	50.00	1,553,085	633,237	31,245	-
The Company	Formosa Industries Corp., Vietnam	Vietnam	Textile, polyester staple fibre, cotton	8,435,801	8,435,801	-	42.50	8,156,669	350,580	148,997	-

Investor	Investee (Note 1,2)	Location	Main business activities	Initial investment amount		Shares held as at December 31, 2019			Net profit (loss) of the investee for the year ended December 31, 2019		Investment income (loss) recognised by the Company for the year ended December 31, 2019		Footnote
				Balance as at December 31, 2019	Balance as at December 31, 2018	Number of shares	Ownership (%)	Book value					
The Company	Formosa BP Chemicals Corp.	Taiwan	Chemistry, international of petrochemistry	\$ 1,201,500	\$ 1,201,500	120,150,000	50.00	\$ 1,666,159	\$	434,170	\$	232,427	-
The Company	Formosa Environmental Technology Co.	Taiwan	Disposals of wastes and sewage	417,145	417,145	41,714,475	24.34	225,692		366		88	-
The Company	Formosa Biomedical Technology Corp.	Taiwan	Manufacturing and sale of cosmetics	1,566,879	1,566,879	147,556,136	88.59	1,146,295		323,178		286,330	-
The Company	Formosa Carpet Corp.	Taiwan	Yarn spinning mills, finishing of textiles and carpet manufacturing	300,000	300,000	22,037,185	100.00	206,770	(	1,854)	(	1,853)	-
The Company	Formosa Synthetic Rubber Corp.	Taiwan	Manufacturing of synthetic rubber	446,000	400,000	44,600,000	33.33	292,611	(	2,050)	(	683)	-
The Company	Formosa Synthetic Rubber (Hong Kong) Co., Ltd.	Hong Kong	Manufacturing of synthetic rubber	4,163,050	4,163,050	135,000,000	33.33	2,326,752	(	564,872)	(	188,271)	-
The Company	Formosa Resources Corporation	Taiwan	Mining industry and its trading, wholesale of chemical material and international trading	7,415,940	5,845,940	741,594,000	25.00	6,615,934	(	605,807)	(	150,752)	-
The Company	Formosa Group Corp. (Cayman)	Cayman Islands	Investments	377	377	12,500	25.00	653,576		145,410		36,352	-
The Company	Formosa Construction Corp.	Taiwan	Development and sale of rebuilt housing, buildings and plants under urban redevelopment	100,000	100,000	10,000,000	33.33	75,523	(	20,335)	(	6,777)	-
The Company	FG INC.	United States	Investments	2,675,304	1,980,594	6,000	30.00	2,605,772	(	132,608)	(	41,271)	-
The Company	FCFC International (Cayman) Limited	Cayman Islands	Investments	17,823,278	17,823,278	50,000	100.00	11,407,818	(	80)	(	80)	-
FCFC Investment Corp. (Cayman)	Formosa Chemicals & Fibre (Hong Kong) Co., Ltd.	Hong Kong	Investments	29,959,815	26,215,971	-	100.00	37,946,987		2,765,576		2,765,576	-

Investor	Investee (Note 1,2)	Location	Main business activities	Initial investment amount		Shares held as at December 31, 2019			Net profit (loss) of the investee for the year ended December 31, 2019		Investment income (loss) recognised by the Company for the year ended December 31, 2019		Footnote
				Balance as at December 31, 2019	Balance as at December 31, 2018	Number of shares	Ownership (%)	Book value					
Formosa Biomedical Technology Corp.	Beyoung International Corp.	Taiwan	International trading	\$ 90,000	\$ 90,000	467,400	30.00	\$ 96,502	\$ 12,629		\$ 3,799		-
Formosa Biomedical Technology Corp.	Hong Jing Resources Corp.	Taiwan	Recycle of spent catalyst	476,196	353,389	27,336,218	71.00	677,103	309,267		204,243		-
Formosa Biomedical Technology Corp.	Formosa Biomedical Technology (Samoa) Co., Ltd.	Samoa	Investments	29,610	29,610	-	100.00	(1,414)	(689)		(689)		-
Formosa Biomedical Technology Corp.	Formosa Waters Technology Co., Ltd.	Taiwan	1.Industrial Catalyst Manufacturing 2.Wholesale of Other Chemical Products	7,650	7,650	765,001	57.00	13,205	7,195		4,101		-
Formosa Taffeta Co., Ltd.	Formosa Development Co., Ltd.	Taiwan	1.Handling urban land consolidation 2.Development, rent andsale of industrial plants, residences and building"	114,912	114,912	16,100,000	100.00	206,087	11,263	(	546)		-
Formosa Taffeta Co., Ltd.	Formosa Advanced Technologies Co., Ltd.	Taiwan	IC assembly, testing and modules	2,681,906	3,773,440	135,686,472	30.68	4,867,814	1,262,495		579,267		-
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Hong Kong) Co., Ltd.	Hong Kong	Sale of spun fabrics and filament textile	1,356,862	1,356,862	-	100.00	1,152,772	60,120		60,280		-
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Vietnam) Co., Ltd.	Vietnam	Production, processing, further processing various yam and cotton cloth, dyeing and finishing clothes, curtains, towels, bed covers and carpets	1,709,221	1,709,221	-	100.00	2,135,684	211,388		211,388		-

Investor	Investee (Note 1,2)	Location	Main business activities	Initial investment amount		Shares held as at December 31, 2019			Net profit (loss) of the investee for the year ended December 31, 2019		Investment income (loss) recognised by the Company for the year ended December 31, 2019		Footnote
				Balance as at December 31, 2019	Balance as at December 31, 2018	Number of shares	Ownership (%)	Book value					
Formosa Taffeta Co., Ltd.	Kuang Yueh Co., Ltd.	Taiwan	Processing and production of ready-to-wear, processing and trading of cotton cloth, and import and export of the aforementioned products	\$ 213,771	\$ 213,771	18,595,352	17.99	\$ 1,247,694	\$ 857,014		\$ 183,911		-
Formosa Taffeta Co., Ltd.	Schoeller F.T.C. (Hong Kong) Co., Ltd.	Hong Kong	Trading of textiles	2,958	2,958	-	50.00	3,354	1,593		862		-
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Dong Nai) Co., Ltd.	Vietnam	Production, processing and sale of various dyeing and finishing textiles and yarn	2,590,434	2,590,434	-	100.00	2,312,412	45,844		45,844		-
Formosa Taffeta Co., Ltd.	Formosa Industries Corp., Ltd.	Vietnam	Synthetic fiber, spinning, weaving, dyeing and finishing and electricity generation	1,987,122	1,987,122	-	10.00	2,010,642	570,320		37,580		-
Formosa Taffeta Co., Ltd.	Formosa Taffeta (Cayman) Co., Ltd.	Cayman Islands	Investments	6,241,670	6,241,270	-	100.00	3,775,536	-		-		-
Formosa Development Co., Ltd.	Formosa Advanced Technologies Co., Ltd.	Taiwan	IC assembly, testing and modules	21,119	21,119	469,500	0.11	16,651	1,262,495		1,375		-
Formosa Development Co., Ltd.	Public More Internation Co., Ltd.	Taiwan	Employment service, manpower allocation and agency service	5,000	5,000	-	100.00	9,994	4,834		4,834		-

Note 1: If a public company is equipped with an overseas holding company and takes consolidated financial report as the main financial report according to the local law rules, it can only disclose the information of the overseas holding company about the disclosure of related overseas investee information.

Note 2: If situation does not belong to Note 1, fill in the columns according to the following regulations:

- (1)The columns of 'Investee', 'Location', 'Main business activities', 'Initial investment amount' and 'Shares held as at December 31, 2019' should fill orderly in the Company's (public company's) information on investees and every directly or indirectly controlled investee's investment information, and note the relationship between the Company (public company) and its investee each (ex. direct subsidiary or indirect subsidiary) in the 'footnote' column.
- (2)The 'Net profit (loss) of the investee for the year ended December 31, 2019' column should fill in amount of net profit (loss) of the investee for this period.
- (3)The 'Investment income (loss) recognised by the Company for the year ended December 31, 2019' column should fill in the Company (public company) recognised investment income (loss) of its direct subsidiary and recognised investment income (loss) of its investee accounted for under the equity method for this period. When filling in recognised investment income (loss) of its direct subsidiary, the Company (public company) should confirm that direct subsidiary's net profit (loss) for this period has included its investment income (loss) which shall be recognised by regulations.

Formosa Chemicals and Fibre Corporation and subsidiaries

Information on investments in Mainland China

For the year ended December 31, 2019

Table 9

Expressed in thousands of NTD

(Except as otherwise indicated)

Investee in Mainland China	Main business activities	Paid-in capital	Investment method (Note 1)	Accumulated amount of remittance from Taiwan to Mainland China as of January 1, 2019	Amount remitted from Taiwan to Mainland China/ Amount remitted back to Taiwan for the year ended December 31, 2019		Accumulated amount of remittance from Taiwan to Mainland China as of December 31, 2019	Net income of investee for the year ended December 31, 2019	Ownership held by the Company (direct or indirect)	Investment income (loss) recognised by the Company for the year ended December 31, 2019	Book value of investments in Mainland China as of December 31, 2019	Accumulated amount of investment income remitted back to Taiwan as of December 31, 2019		Footnote
					Remitted to Mainland China	Remitted back to Taiwan								
Formosa Power (Ningbo) Co., Ltd.	Cogeneration power generation business	\$ 4,834,511	1	\$ 4,051,414	\$ -	\$ -	\$ 4,051,414	\$ 1,174,355	100.00	\$ 1,174,355	\$ 14,782,465	\$ -	-	-
Formosa Chemicals Industries (Ningbo) Co., Ltd.	Production and market of PTA	35,575,404	1	26,215,971	3,743,844	-	29,959,815	2,765,576	100.00	2,765,576	37,946,987	-	-	-
Formosa Synthetic Rubber (Ningbo) Co., Ltd.	Production and sale of synthetic rubber	12,777,478	4	4,163,050	-	-	4,163,050	(564,872)	33.00	(188,271)	2,326,752	-	-	-
Formosa Biomedical Trading (Shanghai) Co., Ltd.	Investments	29,610	1	29,610	-	-	29,610	(689)	100.00	(689)	(1,414)	-	-	-
Formosa Taffeta (Zhong Shan) Co., Ltd.	Production and sale of polyester and polyamide fabrics	1,402,085	1	1,402,085	-	-	1,402,085	110,956	100.00	110,956	1,741,163	-	-	3
Xiamen Xiangyu Formosa Import & Export Trading Co., Ltd.	Import and export, entrepot trade, merchandise exhibition, export processing, warehousing and design and drawing of black and white and colour graphs	15,273	1	15,273	-	-	15,273	(334)	100.00	(334)	12,355	-	-	4

Investee in Mainland China	Main business activities	Paid-in capital	Investment method (Note 1)	Accumulated amount of remittance from Taiwan to Mainland China as of January 1, 2019	Amount remitted from Taiwan to Mainland China/ Amount remitted back to Taiwan for the year ended December 31, 2019		Accumulated amount of remittance from Taiwan to Mainland China as of December 31, 2019	Net income of investee for the year ended December 31, 2019	Ownership held by the Company (direct or indirect)	Investment income (loss) recognised by the Company for the year ended December 31, 2019	Book value of investments in Mainland China as of December 31, 2019	Accumulated amount of investment income remitted back to Taiwan as of December 31, 2019	Footnote
					Remitted to Mainland China	Remitted back to Taiwan							
Formosa Taffeta (Changshu) Co., Ltd.	Weaving and dyeing as well as post dressing of high-grade loomage face fabric	\$ 1,302,019	2	\$ 1,334,739	\$ -	\$ -	\$ 1,334,739	\$ 58,678	100.00	\$ 58,678	\$ 1,035,911	-	5
Changshu Yu Yuan Development Co., Ltd.	Building and selling real estate	70,788	2	-	-	-	-	(338)	40.78	(138)	15,439	-	6

Note 1: Investment methods are classified into the following three categories.

(1) Directly invest in a company in Mainland China..

(2) Through investing in an existing company in the third area, which then invested in the investee in Mainland China.

(3) Others

(4) Formosa Power (Ningbo) Co., Ltd. is an investee company in Mainland China through the Company's investee - FCFC Investment Corp. (Cayman).

Formosa Chemicals Industries (Ningbo) Co., Ltd., Formosa PS (Ningbo) Co., Ltd., Formosa ABS Plastics (Ningbo) Co., Ltd. and Formosa Phenol (Ningbo) Limited Co. were investee companies in Mainland China through the Company's investee - FCFC Investment Corp. (Cayman). After share structure adjustment in 2008 and 2014, the parent company of the 4 investees became Formosa Chemicals & Fibre (Hong Kong) Co., Ltd. Formosa Chemicals & Fibre (Hong Kong) Co., Ltd. is a wholly-owned subsidiary through reinvestment of FCFC Investment Corp. (Cayman).

The Company reorganised its investment structure through a merger of 4 investees in Mainland China, namely, Formosa Chemicals Industries (Ningbo) Co., Ltd., Formosa ABS Plastics (Ningbo) Co., Ltd., Formosa PS (Ningbo) Co., Ltd. and Formosa Phenol (Ningbo) Limited Co. After the effective date of January 2, 2018, Formosa Chemicals Industries (Ningbo) Co., Ltd. was the surviving entity. The proposal had been resolved by Board of Directors on November 4, 2016.

Formosa Synthetic Rubber (Ningbo) Co., Ltd. is an investee company in Mainland China through the investee - Formosa Synthetic Rubber (Hong Kong) Co., Ltd..

Formosa Biomedical Trading (Shanghai) Co., Ltd. is an investee company in Mainland China through the investee - Formosa Biomedical (Samoa) Co., Ltd..

Formosa Taffeta (Changshu) Co., Ltd. is an investee company in Mainland China through the subsidiary - Formosa Taffeta (Hong Kong) Co., Ltd..

The Company is the surviving company after the consolidation of Changshu Yu Yuan Development Co., Ltd. and Changshu Fushun Enterprise Management Co., Ltd. Its paid-in capital is RMB\$13,592,920.

Note 2: Investment income recognized in current period is based on the financial reports audited by CPAs of the Taiwan parent company .

Note 3: The Company's paid-in capital, accumulative remittance from Taiwan as of January 1, 2019 and that as of December 31, 2019 all amount to US\$46,400,000.

(The remittance of US\$46,388,800 and the capitalised value of machinery and equipment of US\$11,200)

Note 4: The Company's paid-in capital, accumulative remittance from Taiwan as of January 1, 2019 and that as of December 31, 2019 all amount to US\$570,000.

Note 5: The Company's paid-in capital, accumulative remittance from Taiwan as of January 1, 2019 and that as of December 31, 2019 all amount to US\$42,000,000. In order to effectively utilise the residential land of the Company, Formosa Chemicals & Fibre Co. split the residential land and established Changshu Fushun Enterprise Management Co., Ltd. by capitalizing the residential land in the first quarter, 2015.

Formosa Chemicals & Fibre Co. reduced the capital of Formosa Taffeta (Changshu) Co., Ltd. by US\$900,000, so the Company's paid-in capital amounts to \$41,100,000.

Note 6: The Company is the surviving company after the merger with Changshu Yu Yuan Development Co., Ltd. in the third quarter, 2015. The paid-in capital of the Company is RMB\$13,592,920.

Company name	Accumulated amount of remittance from Taiwan to Mainland China as of December 31, 2019	Investment amount approved by the Investment Commission of the Ministry of Economic Affairs (MOEA)	Ceiling on investments in Mainland China imposed by the Investment Commission of MOEA
The Company	\$ 38,174,279	\$ 44,235,031	Note

Note: Corporations that are qualified with operations headquarters certification issued by the Industrial Development Bureau, Ministry of Economic Affairs, R.O.C.

Formosa Chemicals and Fibre Corporation and subsidiaries
Significant transactions conducted with investees in Mainland China directly or indirectly through other companies in the third areas
For the year ended December 31, 2019

Table 10

Expressed in thousands of NTD
(Except as otherwise indicated)

Investee in Mainland China	Sale (purchase)		Property transaction		Accounts receivable (payable)		Provision of endorsements/guarantees or collaterals		Financing					
	Amount	%	Amount	%	Balance at December 31, 2019	%	Balance at December 31, 2019	Purpose	Maximum balance during the year ended December 31, 2019	Balance at December 31, 2019	Interest rate	Interest during the year ended December 31, 2019	Others	
Formosa Taffeta (Zhongshan) Co., Ltd.	\$ 17,073	0.06	\$ -	-	\$ 2,791	0.14	\$ 989,340	For short-term loans from financial institutions	\$ -	\$ -	-	\$ -	-	
Formosa Taffeta (Changshu) Co., Ltd.	45,101	0.16	-	-	8,957	0.45	1,648,900	For short-term loans from financial institutions	-	-	-	-	-	