FORMOSA PETROCHEMICAL CORPORATION

AND SUBSIDIARIES

Consolidated Financial Statements
For The Period from January 1, 2021 to March 31, 2021
And

For The Period from January 1, 2020 to March 31, 2020 Review Report of Independent Auditors

The reader is advised that these consolidated financial statements have been prepared originally in Chinese. In the event of a conflict between these financial statements and the original Chinese version or difference in interpretation between the two versions, the Chinese language financial statements shall prevail.



安永聯合會計師事務所

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Review Report of Independent Accountants Translated from Chinese

To the Board of Directors and Stockholders of Formosa Petrochemical Corporation

Introduction

We have reviewed the accompanying consolidated balance sheets of Formosa Petrochemical Corporation (the "Company") and its subsidiaries as of March 31, 2021 and 2020, the related consolidated statements of comprehensive income, changes in equity and cash flows for the three-month periods ended March 31, 2021 and 2020, and notes to the consolidated financial statements, including the summary of significant accounting policies (together "the consolidated financial statements"). Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard 34, "Interim Financial Reporting" as endorsed and became effective by Financial Supervisory Commission of the Republic of China. Our responsibility is to express a conclusion on these consolidated financial statements based on our reviews.

Scope of Review

Except as explained in the following paragraph, we conducted our reviews in accordance with Statement of Auditing Standards No. 65, "Review of Financial Information Performed by the Independent Auditor of the Entity" of the Republic of China. A review of consolidated financial statements consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with auditing standards generally accepted in the Republic of China and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Basis for Qualified Conclusion

As explained in Note 4(3), the financial statements of insignificant subsidiaries were not reviewed by independent accountants. Those statements reflect total assets of NT\$24,861,752 thousand and NT\$34,002,460 thousand, constituting 6% and 9% of the consolidated total assets as of March 31, 2021 and 2020, respectively, and total liabilities of NT\$8,149,460 thousand and NT\$11,859,155 thousand, constituting 10% and 19% of the consolidated total liabilities as of March 31, 2021 and 2020, respectively; and total comprehensive income of NT\$327,545 thousand and NT\$(1,710,310) thousand, constituting 1% and 6% of the consolidated total comprehensive income for the three-month periods ended March 31, 2021 and 2020, respectively. As explained in Note 6(8), the financial statements of associates and joint ventures accounted for under the equity method were not reviewed by independent accountants. Those associates and joint ventures under equity method amounted to NT\$29,627,573 thousand and NT\$27,321,802 thousand as of March 31, 2021 and 2020, respectively. The related shares of profits from the associates and joint ventures under the equity method amounted to NT\$(24,213) thousand and NT\$239,357 thousand, and the related shares of other comprehensive income from the associates and joint ventures under the equity method amounted to NT\$296,246 thousand and NT\$(921,690) thousand for the three-month periods ended March 31, 2021 and 2020, respectively. The information related to above subsidiaries, and associates and joint ventures accounted for under the equity method disclosed in Note 13 was also not reviewed by independent accountants.



Qualified Conclusion

Based on our reviews, except for the effect of such adjustments, if any, as might have been determined to be necessary had the financial statements of insignificant subsidiaries, associates and joint ventures accounted for using equity method and the information been reviewed by independent accountants described in the preceding paragraph, nothing has come to our attention that causes us to believe that the accompanying consolidated financial statements do not present fairly, in all material respects, the consolidated financial position of the Company and its subsidiaries as at March 31, 2021 and 2020, and their consolidated financial performance and cash flows for the three-month periods ended March 31, 2021 and 2020, in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard 34, "Interim Financial Reporting" as endorsed and became effective by Financial Supervisory Commission of the Republic of China.

Lin, Li Huang Fuh, Wen Fun Ernst & Young, Taiwan May 6, 2021

Notice to Readers

The accompanying consolidated financial statements are intended only to present the financial position, results of operations and cash flows in accordance with accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to review such consolidated financial statements are those generally accepted and applied in 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, Ernst & Young 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 PETROCHEMICAL CORPORATION AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS

MARCH 31, 2021、 DECEMBER 31, 2020 AND MARCH 31, 2020

(Expressed in Thousands of Dollars)

(March 31, 2021 and March 31, 2020 were unaudited)

		March 31, 2021	December 31, 2020	March 31, 2020
ASSETS	Notes	NTD	NTD	NTD
CURRENT ASSETS				
Cash and cash equivalents	4 & 6.1 & 12	\$50,818,392	\$42,965,803	\$34,315,018
Financial assets at fair value through profit or loss — current	4 & 6.2 & 12	3,897,807	3,888,511	4,085,858
Financial assets at fair value through other comprehensive				
income — current	4 & 6.3 & 8 & 12	65,970,197	61,996,861	41,919,443
Financial assets for hedging — current	4 & 6.4 & 12	235,811	165,093	35,428
Notes receivable, net	4 & 6.5 & 12	846	1,970	2,054
Notes receivable due from related parties, net	4 & 6.5 & 7 & 12	2,960,580	1,465,976	1,486,741
Accounts receivable, net	4 & 6.5 & 12	8,900,740	11,549,278	11,296,520
Accounts receivable due from related parties, net	4 & 6.5 & 7 & 12	28,570,967	22,401,436	18,582,124
Finance lease receivables, net	4 & 6.17 & 7 & 12	292,586	289,403	297,088
Other receivables (including from related parties)	7 & 12 & 13	11,575,207	11,341,808	15,735,441
Inventories	4 & 6.6	60,124,798	47,037,406	56,799,308
Prepayments	6.7	11,993,319	11,633,763	10,209,069
Other current assets	8	589,173	572,511	973,513
Total current assets		245,930,423	215,309,819	195,737,605
NONCURRENT ASSETS				
Financial assets at fair value through other comprehensive				
income — non-current	4 & 6.3 & 12	16,224,488	14,692,966	14,162,810
Financial assets for hedging — non-current	4 & 6.4 & 12	10,079	-	10,823
Investments accounted for using the equity method	4 & 6.8	29,627,573	28,467,719	27,321,802
Property, plant and equipment	4 & 6.9 & 7	99,745,388	99,329,548	102,036,663
Mineral resources	4	977,139	1,005,845	1,013,421
Right-of-use assets	4 & 6.17 & 7	6,028,283	5,999,091	6,844,878
Investment property	4 & 6.10	392,331	365,564	365,564
Deferred tax assets	4 & 6.21	3,350,531	3,570,537	6,943,577
Long-term finance lease receivable, net	4 & 6.17 & 7 & 12	2,727,148	2,798,329	3,191,853
Other non-current assets, others	4 & 6.10	9,317,679	9,383,698	8,326,797
Total non-current assets		168,400,639	165,613,297	170,218,188
TOTAL ASSETS		\$414,331,062	\$380,923,116	\$365,955,793

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

(Forward)

FORMOSA PETROCHEMICAL CORPORATION AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS

MARCH 31, 2021, DECEMBER 31, 2020 AND MARCH 31, 2020

(Expressed in Thousands of Dollars)

(March 31, 2021 and March 31, 2020 were unaudited)

		March 31, 2021	December 31, 2020	March 31, 2020
LIABILITIES AND EQUITY	Notes	NTD	NTD	NTD
CURRENT LIABILITIES				
Short-term loans	6.11 & 8 & 12	\$33,894	\$271,781	\$555,028
Financial liabilities for hedging — current	4 & 6.4 & 12	-	-	19,174
Contract liabilities — current	4 & 6.15	58,791	60,401	200,688
Notes payable	12	1,414	8,035	1,417
Accounts payable	12	13,011,882	8,434,654	9,998,693
Accounts payable to related parties	7 & 12	3,674,057	2,248,564	1,683,884
Other payables	6.14	15,086,742	15,481,247	15,280,073
Other payables to related parties	7	271,919	241,588	287,146
Current tax liabilities	4 & 6.21	5,158,844	945,392	3,499,790
Current lease liabilities	4 & 6.17 & 7 & 12	1,090,535	1,006,308	1,048,692
Current portion of long-term liabilities	6.12	-	-	2,200,000
Other current liabilities, others	9	256,892	189,631	494,742
Total current liabilities		38,644,970	28,887,601	35,269,327
NONCURRENT LIABILITIES				
Financial liabilities for hedging — non-current	4 & 6.4 & 12	-	-	14,363
Bonds payable	6.12	29,200,000	29,200,000	14,700,000
Deferred tax liabilities	4 & 6.21	224,515	189,019	168,294
Non-current lease liabilities	4 & 6.17 & 7 & 12	5,047,909	5,186,560	5,927,994
Defined benefit pension liability	4 & 6.13	4,643,948	4,653,038	4,920,545
Other non-current liabilities, others		171,389	179,830	1,397,252
Total non-current liabilities		39,287,761	39,408,447	27,128,448
TOTAL LIABILITIES		77,932,731	68,296,048	62,397,775
EQUITY	4 & 6.14			
Capital stock				
Common stock		95,259,597	95,259,597	95,259,597
Capital surplus		31,418,849	31,418,849	31,418,784
Retained earnings				
Legal reserve		72,190,485	72,190,485	68,510,664
Special reserve		3,033,784	3,033,784	3,033,784
Unappropriated earnings		93,753,392	75,841,731	89,686,980
Total retained earnings		168,977,661	151,066,000	161,231,428
Other equity		36,221,577	30,356,913	11,470,706
Non-controlling interests	6.14	4,520,647	4,525,709	4,177,503
TOTAL EQUITY		336,398,331	312,627,068	303,558,018
TOTAL LIABILITIES AND EQUITY		\$414,331,062	\$380,923,116	\$365,955,793

FORMOSA PETROCHEMICAL CORPORATION AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME FOR THE PERIOD FROM JANUARY 1, 2021 TO MARCH 31, 2021 AND FOR THE PERIOD FROM JANUARY 1, 2020 TO MARCH 31, 2020

(Expressed in Thousands of Dollars, Except for Earnings per Share) (Unaudited)

		For the period from January 1 to March 31, 2021	For the period from January 1 to March 31, 2020
	Notes	NTD	NTD
OPERATING REVENUES	4 & 6.15 & 7	\$130,299,666	\$137,531,357
OPERATING COSTS	4 & 6.6 & 6.18 & 7	106,672,139	148,683,903
GROSS PROFIT (LOSS)		23,627,527	(11,152,546)
OPERATING EXPENSES	4 & 6.13 & 6.16 & 6.18 & 7		
Selling and marketing		1,288,123	1,474,619
General and administrative		1,121,194	1,164,614
Research and development		53,471	52,894
Expected credit losses (gains)		52,069	(167,112)
Total operating expenses		2,514,857	2,525,015
OPERATING INCOME (LOSS)		21,112,670	(13,677,561)
NON-OPERATING INCOME AND EXPENSES			
Interest income	6.19 & 7	74,574	113,690
Other income	6.19 & 7	495,848	528,138
Other gains and losses	6.19 & 7	784,563	339,928
Financial costs	6.19 & 7	(96,241)	(128,706)
Share of profit or loss of associates and joint ventures accounted			
for using the equity method	4 & 6.8	(24,213)	239,357
Total non-operating income and expenses		1,234,531	1,092,407
INCOME (LOSS) BEFORE INCOME TAX	4.0.621	22,347,201	(12,585,154)
INCOME TAX EXPENSE (INCOME)	4 & 6.21	4,454,966	(2,581,930)
NET INCOME (LOSS)		17,892,235	(10,003,224)
OTHER COMPREHENSIVE INCOME (LOSS)	6.8 & 6.20		
Items that will not be reclassified to profit or loss			
Unrealized gains (losses) from equity instruments investments			
measured at fair value through other comprehensive income		5,503,748	(20,039,267)
Share of other comprehensive income of associates and joint			
ventures accounted for using equity method		284,930	(977,014)
Items that may be reclassified subsequently to profit or loss			
Exchange differences arising from translation of foreign operations		11,955	103,348
Gains (losses) on hedging instrument		80,732	9,304
Share of other comprehensive income of associates and joint			
ventures accounted for using the equity method		11,316	55,324
Income tax relating to items that may be reclassified		13,653	1,861
Total other comprehensive income (loss) for the period, net of income tax		5,879,028	(20,850,166)
TOTAL COMPREHENSIVE INCOME (LOSS) FOR THE PERIOD		\$23,771,263	\$(30,853,390)
NET INCOME (LOSS) ATTRIBUTABLE TO:			
Shareholders of the parent		\$17,900,835	\$(9,993,205)
Non-controlling interests		(8,600)	(10,019)
Ton contoining mercica		\$17,892,235	\$(10,003,224)
TOTAL COMPREHENSIVE INCOME (LOSS)			
ATTRIBUTABLE TO:			
Shareholders of the parent		\$23,776,325	\$(30,861,382)
Non-controlling interests		(5,062)	7,992
		\$23,771,263	\$(30,853,390)
EARNINGS (LOSSES) PER SHARE (NTD)	4 & 6.22	_	_
Earnings (losses) per share — basic/diluted			
Continuing operating income (loss) before tax		\$2.34	\$(1.32)
Net income (loss)		\$1.88	\$(1.05)

FORMOSA PETROCHEMICAL CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY

FOR THE PERIOD FROM JANUARY 1, 2021 TO MARCH 31, 2021

AND FOR THE PERIOD FROM JANUARY 1, 2020 TO MARCH 31, 2020

(Expressed in Thousands of Dollars)

(Unaudited)

_	Equity Attributable to Shareholders of the Parent						-				
						(Other Components of Equit	у			
							Unrealized gains (losses)				
							from Equity Instruments				
						Foreign	Investments measured				
			F	Retained Earning	3	Currency	at Fair Value	Gains (losses)	Total		
	Common	Capital	Legal	Special	Unappropriated	Translation	through Other	on Hedging	Parent	Non-controlling	Total
New Taiwan Dollars	Stock	Surplus	Reserve	Reserve	Earnings	Reserve	Comprehensive Income	Instruments	Equity	Interests	Equity
Balance as of January 1, 2020	\$95,259,597	\$31,399,948	\$68,510,664	\$3,033,784	\$99,680,185	\$(81,529)	\$32,417,683	\$2,729	\$330,223,061	\$3,778,944	\$334,002,005
Other changes in capital surplus:											
Changes in equity of associates and joint ventures accounted for using equity method	-	18,845	-	-	-	-	-	-	18,845	-	18,845
Other change in capital surplus	-	(9)	-	-	-	-	-	-	(9)	-	(9)
Net loss for the period from January 1 to March 31, 2020	-	-	-	-	(9,993,205)	-	-	-	(9,993,205)	(10,019)	(10,003,224)
Other comprehensive income (loss) for the period from January 1 to March 31, 2020				-		140,661	(21,016,281)	7,443	(20,868,177)	18,011	(20,850,166)
Total comprehensive income (loss)				-	(9,993,205)	140,661	(21,016,281)	7,443	(30,861,382)	7,992	(30,853,390)
Increase (decrease) in non-controlling interests		<u> </u>		-	<u>-</u> _					390,567	390,567
Balance as of March 31, 2020	\$95,259,597	\$31,418,784	\$68,510,664	\$3,033,784	\$89,686,980	\$59,132	\$11,401,402	\$10,172	\$299,380,515	\$4,177,503	\$303,558,018
Balance as of January 1, 2021	\$95,259,597	\$31,418,849	\$72,190,485	\$3,033,784	\$75,841,731	\$(1,159,494)	\$31,383,392	\$133,015	\$308,101,359	\$4,525,709	\$312,627,068
Net income for the period from January 1 to March 31, 2021	-	-	-	-	17,900,835	-	-	-	17,900,835	(8,600)	17,892,235
Other comprehensive income for the period from January 1 to March 31, 2021			-	-		19,733	5,788,678	67,079	5,875,490	3,538	5,879,028
Total comprehensive income (loss)	-			-	17,900,835	19,733	5,788,678	67,079	23,776,325	(5,062)	23,771,263
Disposal of equity instruments investments designated at fair value											
through other comprehensive income			-	-	10,826		(10,826)				
Balance as of March 31, 2021	\$95,259,597	\$31,418,849	\$72,190,485	\$3,033,784	\$93,753,392	\$(1,139,761)	\$37,161,244	\$200,094	\$331,877,684	\$4,520,647	\$336,398,331

FORMOSA PETROCHEMICAL CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS

FOR THE PERIOD FROM JANUARY 1, 2021 TO MARCH 31, 2021

AND FOR THE PERIOD FROM JANUARY 1, 2020 TO MARCH 31, 2020

(Expressed in Thousands of Dollars)

(Unaudited)

	For the period from January 1 to March 31, 2021	For the period from January 1 to March 31, 2019
	NTD	NTD
CASH FLOWS FROM OPERATING ACTIVITIES		
Income (loss) before income tax	\$22,347,201	\$(12,585,154)
Adjustments to reconcile net income before tax to net cash provided by operating activities:		
Depreciation and depletion	3,161,784	3,137,339
Amortization	445,679	378,684
Net loss (gain) on financial assets or liabilities at fair value through profit or loss	(9,296)	(41,889)
Interest expense	96,241	128,706
Interest income	(74,574)	(113,690)
Share of loss (profit) of associates and joint ventures accounted for using equity method	24,213	(239,357)
(Gain) loss on disposal of property, plant and equipment	(1,811)	(1,114)
Impairment loss on non-financial assets	-	680
Reversal of impairment loss on non-financial assets	(26,767)	-
Other adjustments — (gain) loss on lease modifications	-	(61)
Changes in operating assets and liabilities:		
Decrease (increase) in notes receivable (including related parties)	(1,493,480)	277,660
Decrease (increase) in accounts receivable (including related parties)	(3,520,993)	15,609,659
Decrease (increase) in other receivables (including related parties)	(649,568)	(3,563,593)
Decrease (increase) in inventories	(13,087,392)	3,607,949
Decrease (increase) in prepayments	(1,005,175)	(1,417,164)
Decrease (increase) in other current assets	(16,616)	(307,993)
Increase (decrease) in contract liabilities	(1,610)	148,674
Increase (decrease) in notes payable	(6,621)	(10,808)
Increase (decrease) in accounts payable (including related parties)	6,002,721	(1,688,606)
Increase (decrease) in other payables	(454,767)	523,836
Increase (decrease) in other current liabilities	67,261	196,245
Increase (decrease) in defined benefit pension liability, net	(9,090)	548
Cash from operating activities	11,787,340	4,040,551
Income taxes received (paid)	(3,439)	(247)
Net cash provided by (used in) operating activities	11,783,901	4,040,304

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

(Forward)

FORMOSA PETROCHEMICAL CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS

FOR THE PERIOD FROM JANUARY 1, 2021 TO MARCH 31, 2021

AND FOR THE PERIOD FROM JANUARY 1, 2020 TO MARCH 31, 2020

(Expressed in Thousands of Dollars)

(Unaudited)

Name of Minus FROM INVESTING ACTIVITIES CASH FLOWS FROM INVESTING ACTIVITIES Acquisition of financial assets at fair value through other comprehensive income (1,065) (3,662) Acquisition of investments accounted for using the equity method (83,743) (6,588,673) Acquisition of property, plant and equipment (3,174) (2,588,673) Interest paid (101) (1,000) Proceeds from disposal of property, plant and equipment 3,164 1,000 Decrease in other receivables — due from affiliates 413,001 1,000,000 Increase in other financial assets (2,688,73) 370,000 Increase in other moneutrent assets 26,973 370,000 Decrease in other non-current assets 20,973 370,000 Increase in other moneutrent assets 30,273 165,000 Net cash provided by (used in) investing activities 3,237,91 660,000 Increase in short-term loans 23,278 247,614 Decrease in short-term loans 23,278 247,614 Decrease in other payables to related parties 30,31 1,900,000 Increase in other payables to		For the period from January 1 to March 31, 2021	For the period from January 1 to March 31, 2020
Acquisition of financial assets at fair value through other comprehensive income (1.065) (3.622) Acquisition of investments accounted for using the equity method (887,820) (166,200) Acquisition of property, plant and equipment:		NTD	NTD
Acquisition of investments accounted for using the equity method (887,820) (166,200) Acquisition of property, plant and equipment: (3,257,432) (2,588,673) Interest paid (517) (153) Proceeds from disposal of property, plant and equipment 3,164 1,407 Decrease in other receivables — due from affiliates 413,601 1,602,066 Decrease in lone-term lease receivables 67,998 55,662 Increase in other financial assets (46) (59) Decrease in other non-current assets 269,733 377,000 Interests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,689) Net cash provided by (used in) investing activities (3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES 1 247,641 Decrease in short-term loans (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (35,89) (35,568) Cash dividends p	CASH FLOWS FROM INVESTING ACTIVITIES		
Acquisition of property, plant and equipment: Cost paid (3,257,432) (2,588,673) Interest paid (517) (153) Proceeds from disposal of property, plant and equipment 3,164 1,407 Decrease in other receivables — due from affiliates 413,601 1,602,066 Decrease in lone-term lease receivables 67,998 55,662 Increase in other financial assets (46) (59) Decrease in other non-current assets 269,733 377,000 Interests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,689) Net eash provided by (used in) investing activities (3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES 1 247,641 Decrease in short-term loans (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (35,568) (355,426) Increase in other non-current liabilities (35,897) (39,225)	Acquisition of financial assets at fair value through other comprehensive income	(1,065)	(3,662)
Cost paid (3,257,432) (2,588,673) Interest paid (517) (153) Proceeds from disposal of property, plant and equipment 3,164 1,407 Decrease in other receivables — due from affiliates 413,601 1,602,066 Decrease in other financial assets 67,998 55,662 Increase in other financial assets (46) (59) Decrease in other non-current assets 269,733 377,000 Interests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,689) Net cash provided by (used in) investing activities 3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES 1 247,641 Decrease in short-term loans 2 247,641 Decrease in short-term loans 2 247,641 Decrease in other payables to related parties 30,331 19,799 Payments of bonds (including current portion) 2 (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (8,441) - <t< td=""><td>Acquisition of investments accounted for using the equity method</td><td>(887,820)</td><td>(166,200)</td></t<>	Acquisition of investments accounted for using the equity method	(887,820)	(166,200)
Interest paid (517) (153) Proceeds from disposal of property, plant and equipment 3,164 1,407 Decrease in other receivables — due from affiliates 413,601 1,602,066 Decrease in lone-term lease receivables 67,998 55,662 Increase in other financial assets (46) (59) Decrease in other non-current assets 269,733 377,000 Interests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,889) Net cash provided by (used in) investing activities 3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES 2 247,641 Increase in short-term loans 2 247,641 Decrease in short-term loans (237,887) - Repayments of bonds (including current portion) 2 (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,426) (1,000,000) Increase in other non-current liabilities (48,441) - Cash dividends paid (82 (32 <td>Acquisition of property, plant and equipment:</td> <td></td> <td></td>	Acquisition of property, plant and equipment:		
Proceeds from disposal of property, plant and equipment 3,164 1,407 Decrease in other receivables – due from affiliates 413,601 1,602,066 Decrease in lone-term lease receivables 67,998 55,662 Increase in other financial assets (46) (59) Decrease in other non-current assets 269,733 377,000 Interests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,689) Net cash provided by (used in) investing activities (3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES 1 247,641 Decrease in short-term loans 2 37,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities (355,688) (355,426) Increase in other non-current liabilities (8,441) - Cash dividends paid (82 (32) Interest paid (35,897)	Cost paid	(3,257,432)	(2,588,673)
Decrease in other receivables — due from affiliates 413,601 1,602,066 Decrease in lone-term lease receivables 67,998 55,662 Increase in other financial assets (46) (59) Decrease in other non-current assets 269,733 377,000 Interests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,689) Net cash provided by (used in) investing activities (3327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES 247,641 247,641 Decrease in short-term loans 2 247,641 Decrease in short-term loans 2 247,641 Decrease in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities (8,441) - Cash dividends paid (82 (32 Interest paid (35,897) (93,925) Change in non-controlling interests 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) E	Interest paid	(517)	(153)
Decrease in lone-term lease receivables 67,998 55,662 Increase in other financial assets (46) (59) Decrease in other non-current assets 269,733 377,000 Intrests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,689) Net cash provided by (used in) investing activities (3327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES Increase in short-term loans 2 247,641 Decrease in short-term loans 2 247,641 Decrease in other payables to related parties (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities (8,441) - Cash dividends paid (82 (32 Interest paid (35,897) (93,925) Change in non-controlling interests (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES O	Proceeds from disposal of property, plant and equipment	3,164	1,407
Increase in other financial assets (46) (59) Decrease in other non-current assets 269,733 377,000 Interests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,689) Net cash provided by (used in) investing activities (3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES - 247,641 Decrease in short-term loans - 247,641 Decrease in short-term loans (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities - 33,123 Decrease in other non-current liabilities (8,441) - Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253)	Decrease in other receivables — due from affiliates	413,601	1,602,066
Decrease in other non-current assets 269,733 377,000 Interests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,689) Net eash provided by (used in) investing activities (3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES 1 247,641 Decrease in short-term loans (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities (8,441) - Cash dividends paid (82 (32) Interest paid (82) (32) Change in non-current liabilities (8,441) - Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD	Decrease in lone-term lease receivables	67,998	55,662
Interests received 77,142 115,695 Acquisition of mineral resources (12,155) (43,689) Net cash provided by (used in) investing activities (3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES Increase in short-term loans 2 247,641 - 2 247,641 Decrease in short-term loans (237,887) - - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities (35,868) (355,426) Decrease in other non-current liabilities (8,441) - Cash dividends paid (82 (32) Interest paid (35,897) (93,925) Change in non-controlling interests (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIO	Increase in other financial assets	(46)	(59)
Acquisition of mineral resources (12,155) (43,689) Net cash provided by (used in) investing activities (3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES Increase in short-term loans - 247,641 Decrease in short-term loans (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities - 33,123 Decrease in other non-current liabilities (8,441) - Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,03	Decrease in other non-current assets	269,733	377,000
Net cash provided by (used in) investing activities (3,327,397) (650,606) CASH FLOWS FROM FINANCING ACTIVITIES To 247,641 Increase in short-term loans (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities (8,441) - Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	Interests received	77,142	115,695
CASH FLOWS FROM FINANCING ACTIVITIES Increase in short-term loans - 247,641 Decrease in short-term loans (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities - 33,123 Decrease in other non-current liabilities (8,441) - Cash dividends paid (82 (32) Interest paid (82 (32) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	Acquisition of mineral resources	(12,155)	(43,689)
Increase in short-term loans - 247,641 Decrease in short-term loans (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities - 33,123 Decrease in other non-current liabilities (8,441) - Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	Net cash provided by (used in) investing activities	(3,327,397)	(650,606)
Decrease in short-term loans (237,887) - Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities - 33,123 Decrease in other non-current liabilities (8,441) - Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	CASH FLOWS FROM FINANCING ACTIVITIES		
Repayments of bonds (including current portion) - (1,000,000) Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities - 33,123 Decrease in other non-current liabilities (8,441) - Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	Increase in short-term loans	-	247,641
Increase in other payables to related parties 30,331 19,799 Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities - 33,123 Decrease in other non-current liabilities (8,441) - Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	Decrease in short-term loans	(237,887)	-
Payments of lease liabilities (355,688) (355,426) Increase in other non-current liabilities - 33,123 Decrease in other non-current liabilities (8,441) - Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	Repayments of bonds (including current portion)	-	(1,000,000)
Increase in other non-current liabilities Decrease in other non-current liabilities Cash dividends paid (82) Interest paid (82) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS T,852,589 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 33,123 (841) - 33,123 (82) (93,925) (93,925) (607,664) (758,253) 7,552,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD	Increase in other payables to related parties	30,331	19,799
Decrease in other non-current liabilities (8,441) - Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	Payments of lease liabilities	(355,688)	(355,426)
Cash dividends paid (82) (32) Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	Increase in other non-current liabilities	-	33,123
Interest paid (35,897) (93,925) Change in non-controlling interests - 390,567 Net cash provided by (used in) financing activities (607,664) (758,253) EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS 3,749 5,535 NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS 7,852,589 2,636,980 CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	Decrease in other non-current liabilities	(8,441)	-
Change in non-controlling interests-390,567Net cash provided by (used in) financing activities(607,664)(758,253)EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS3,7495,535NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS7,852,5892,636,980CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD42,965,80331,678,038	Cash dividends paid	(82)	(32)
Net cash provided by (used in) financing activities(607,664)(758,253)EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS3,7495,535NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS7,852,5892,636,980CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD42,965,80331,678,038	Interest paid	(35,897)	(93,925)
EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS3,7495,535NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS7,852,5892,636,980CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD42,965,80331,678,038	Change in non-controlling interests		390,567
NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS7,852,5892,636,980CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD42,965,80331,678,038	Net cash provided by (used in) financing activities	(607,664)	(758,253)
CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD 42,965,803 31,678,038	EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS	3,749	5,535
	NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS	7,852,589	2,636,980
CASH AND CASH EQUIVALENTS, END OF PERIOD \$50,818,392 \$34,315,018	CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD	42,965,803	31,678,038
	CASH AND CASH EQUIVALENTS, END OF PERIOD	\$50,818,392	\$34,315,018

Formosa Petrochemical Corporation and Subsidiaries
Notes To Consolidated Financial Statements
March 31, 2021, December 31, 2020 and March 31, 2020
(March 31, 2021 and March 31, 2020 were unaudited)
(Amounts expressed in Thousands of New Taiwan Dollars, Unless Specified Otherwise)

1. HISTORY AND ORGANIZATION

Formosa Petrochemical Corporation (the "Company") had prepared for incorporation since March 1992 and was incorporated on April 6, 1992. The Company is located in the No.6 Naphtha Cracker Complex in Mailiao of Yunlin County. The Company's shares were approved to be listed on the Taiwan Stock Exchange on November 12, 2003 and were traded publicly starting from December 26, 2003. The major shareholders of the Company are Formosa Plastics Corporation, Nan Ya Plastics Corporation and Formosa Chemicals & Fibre Corporation with equity interests of 28.55%, 23.10% and 24.15%, respectively, as of March 31, 2021.

2. DATE AND PROCEDURES OF AUTHORIZATION OF FINANCIAL STATEMENTS FOR ISSUE

The consolidated financial statements of the Company and its subsidiaries ("the Group") for the three months periods ended March 31, 2021 and 2020 were authorized for issue in accordance with a resolution of the Board of Directors on May 6, 2021.

3. NEWLY ISSUED OR REVISED STANDARDS AND INTERPRETATIONS

(1) Changes in accounting policies resulting from applying for the first time certain standards and amendments

The Group applied for the first time International Financial Reporting Standards, International Accounting Standards, and Interpretations issued, revised or amended which are recognized by Financial Supervisory Commission ("FSC") and become effective for annual periods beginning on or after January 1, 2021. The adoption of these new standards and amendments had no material impact on the Group.

(2) Standards or interpretations issued, revised or amended, by International Accounting Standards Board ("IASB") which are endorsed by FSC, but not yet adopted by the Group as at the end of the reporting period are listed below.

Items	New, Revised or Amended Standards and Interpretations	Effective Date issued by IASB
a	Covid-19-Related Rent Concessions beyond 30 June 2021 (Amendment to IFRS	April 1, 2021
	16)	

(a) Covid-19-Related Rent Concessions beyond June 30, 2021 (Amendment to IFRS 16)

This amendment extends the practical expedient in paragraph 46A of IFRS 16 Leases for one year. This amendment that are applicable for annual periods beginning on or after April 1, 2021 have no material impact on the Group.

(3) Standards or interpretations issued, revised or amended, by International Accounting Standards Board ("IASB") which are not endorsed by FSC and not yet adopted by the Group as at the end of the reporting period are listed below.

Items	New, Revised or Amended Standards and Interpretations	Effective Date issued by IASB
a	IFRS 10 "Consolidated Financial Statements" and IAS 28 "Investments in	To be determined
	Associates and Joint Ventures" — Sale or Contribution of Assets between an	by IASB
	Investor and its Associate or Joint Ventures	
b	IFRS 17 "Insurance Contracts"	January 1, 2023
c	Classification of Liabilities as Current or Non-current – Amendments to IAS 1	January 1, 2023
d	Narrow-scope amendments of IFRS, including Amendments to IFRS 3,	January 1, 2022
	Amendments to IAS 16, Amendments to IAS 37 and the Annual Improvements	
e	Disclosure Initiative - Accounting Policies – Amendments to IAS 1	January 1, 2023
f	Definition of Accounting Estimates – Amendments to IAS 8	January 1, 2023

(a) IFRS 10"Consolidated Financial Statements" and IAS 28"Investments in Associates and Joint Ventures" — Sale or Contribution of Assets between an Investor and its Associate or Joint Ventures

The amendments address the inconsistency between the requirements in IFRS 10 Consolidated Financial Statements and IAS 28 Investments in Associates and Joint Ventures, in dealing with the loss of control of a subsidiary that is contributed to an associate or a joint venture. IAS 28 restricts gains and losses arising from contributions of non-monetary assets to an associate or a joint venture to the extent of the interest attributable to the other equity holders in the associate or joint ventures. IFRS 10 requires full profit or loss recognition on the loss of control of the subsidiary. IAS 28 was amended so that the gain or loss resulting from the sale or contribution of assets that constitute a business as defined in IFRS 3 between an investor and its associate or joint venture is recognized in full.

IFRS 10 was also amended so that the gains or loss resulting from the sale or contribution of a subsidiary that does not constitute a business as defined in IFRS 3 between an investor and its associate or joint venture is recognized only to the extent of the unrelated investors' interests in the associate or joint venture.

(b) IFRS 17 "Insurance Contracts"

IFRS 17 provides a comprehensive model for insurance contracts, covering all relevant accounting aspects (including recognition, measurement, presentation and disclosure requirements). The core of IFRS 17 is the General (building block) Model, under this model, on initial recognition, an entity shall measure a group of insurance contracts at the total of the fulfilment cash flows and the contractual service margin. The carrying amount of a group of insurance contracts at the end of each reporting period shall be the sum of the liability for remaining coverage and the liability for incurred claims.

Other than the General Model, the standard also provides a specific adaptation for contracts with direct participation features (the Variable Fee Approach) and a simplified approach (Premium Allocation Approach) mainly for short-duration contracts.

IFRS 17 was issued in May 2017 and it was amended in June 2020. The amendments include deferral of the date of initial application of IFRS 17 by two years to annual beginning on or after January 1, 2023 (from the original effective date of January 1, 2021); provide additional transition reliefs; simplify some requirements to reduce the costs of applying IFRS 17 and revise some requirements to make the results easier to explain. IFRS 17 replaces an interim Standard – IFRS 4 Insurance Contracts – from annual reporting periods beginning on or after January 1, 2023.

(c) Classification of Liabilities as Current or Non-current – Amendments to IAS 1

These are the amendments to paragraphs 69-76 of IAS 1 Presentation of Financial statements and the amended paragraphs related to the classification of liabilities as current or non-current.

- (d) Narrow-scope amendments of IFRS, including Amendments to IFRS 3, Amendments to IAS 16, Amendments to IAS 37 and the Annual Improvements
 - A. Updating a Reference to the Conceptual Framework (Amendments to IFRS 3)

 The amendments updated IFRS 3 by replacing a reference to an old version of the Conceptual Framework for Financial Reporting with a reference to the latest version, which was issued in March 2018. The amendments also added an exception to the recognition principle of IFRS 3 to avoid the issue of potential "day 2" gains or losses arising for liabilities and contingent liabilities. Besides, the amendments clarify existing guidance in IFRS 3 for contingent assets that would not be affected by replacing the reference to the Conceptual Framework.
 - B. Property, Plant and Equipment: Proceeds before Intended Use (Amendments to IAS 16)

The amendments prohibit a company from deducting from the cost of property, plant and equipment amounts received from selling items produced while the company is preparing the asset for its intended use. Instead, a company will recognise such sales proceeds and related cost in profit or loss.

C. Onerous Contracts – Cost of Fulfilling a Contract (Amendments to IAS 37)

The amendments clarify what costs a company should include as the cost of fulfilling a contract when assessing whether a contract is onerous.

D. Annual Improvements to IFRS Standards 2018 - 2020

Amendment to IFRS 1

The amendment simplifies the application of IFRS 1 by a subsidiary that becomes a first-time adopter after its parent in relation to the measurement of cumulative translation differences.

Amendment to IFRS 9 Financial Instruments

The amendment clarifies the fees a company includes when assessing whether the terms of a new or modified financial liability are substantially different from the terms of the original financial liability.

Amendment to Illustrative Examples Accompanying IFRS 16 Leases

The amendment to Illustrative Example 13 accompanying IFRS 16 modifies the treatment of lease incentives relating to lessee's leasehold improvements.

Amendment to IAS 41

The amendment removes a requirement to exclude cash flows from taxation when measuring fair value thereby aligning the fair value measurement requirements in IAS 41 with those in other IFRS Standards.

(e) Disclosure Initiative - Accounting Policies – Amendments to IAS 1

The amendments improve accounting policy disclosures that to provide more useful information to investors and other primary users of the financial statements.

(f) Definition of Accounting Estimates – Amendments to IAS 8

The amendments introduce the definition of accounting estimates and included other amendments to IAS 8 Accounting Policies, Changes in Accounting Estimates and Errors to help companies distinguish changes in accounting estimates from changes in accounting policies.

The abovementioned standards and interpretations issued by IASB have not yet endorsed by FSC at the date when the Group's financial statements were authorized for issue, the local effective dates are to be determined by FSC. As the Group is still currently determining the potential impact of the standards and interpretations listed under (a), it is not practicable to estimate their impact on the Group at this point in time. The remaining new or amended standards and interpretations have no material impact on the Group.

4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

(1) Statement of compliance

The consolidated financial statements of the Group for the three months periods ended March 31, 2021 and 2020 have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers ("the Regulations") and IAS 34 *Interim Financial Reporting* as endorsed and became effective by the FSC.

(2) Basis of preparation

The consolidated financial statements have been prepared on a historical cost basis, except for financial instruments that have been measured at fair value. The consolidated financial statements are expressed in thousands of New Taiwan Dollars ("NT\$") unless otherwise stated.

(3) Basis of consolidation

A. Preparation principle of consolidated financial statements

Control is achieved when the Group is exposed, or has rights, to variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee. Specifically, the Group controls an investee if and only if the Group has:

- (a) power over the investee (i.e. existing rights that give it the current ability to direct the relevant activities of the investee)
- (b) exposure, or rights, to variable returns from its involvement with the investee, and
- (c) the ability to use its power over the investee to affect its returns

When the Group has less than a majority of the voting or similar rights of an investee, the Group considers all relevant facts and circumstances in assessing whether it has power over an investee, including:

- (a) the contractual arrangement with the other vote holders of the investee
- (b) rights arising from other contractual arrangements
- (c) the Group's voting rights and potential voting rights

The Group re-assesses whether it controls an investee if facts and circumstances indicate that there are changes to one or more of the three elements of control.

Subsidiaries are fully consolidated from the acquisition date, being the date on which the Group obtains control, and continue to be consolidated until the date that such control ceases. The financial statements of the subsidiaries are prepared for the same reporting period as the parent company, using uniform accounting policies. All intra-group balances, income and expenses, unrealized gains and losses and dividends resulting from intra-group transactions are eliminated in full.

A change in the ownership interest of a subsidiary, without a change of control, is accounted for as an equity transaction.

Total comprehensive income of the subsidiaries 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.

If the Group loses control of a subsidiary, it:

- (a) derecognizes the assets (including goodwill) and liabilities of the subsidiary;
- (b) derecognizes the carrying amount of any non-controlling interest;
- (c) recognizes the fair value of the consideration received;
- (d) recognizes the fair value of any investment retained;
- (e) recognizes any surplus or deficit in profit or loss; and
- (f) reclassifies the parent's share of components previously recognized in other comprehensive income to profit or loss.

B. The consolidated entities are listed as follows:

			Percentage of ownership (%)		ip (%)
			March 31,	December 31,	March 31,
Investor	Subsidiaries	Main business	2021	2020	2020
The Company	Formosa Oil (Asia Pacific) Corp.	Sales Retailer	100%	100%	100%
The Company	Formosa Petrochemical	Transportation	88%	88%	88%
	Transportation Corp.	Service			
The Company	FPCC USA, INC.	Oil exploration &	100%	100%	100%
The Comment	EDCC Marine Commention (Natural)	production			1,000/
The Company	FPCC Marine Corporation (Note1)	Leasing on ships	1000/	1000/	100%
The Company	FPCC DILIGENCE Corp. (Note1)	Leasing on ships	100%	100%	-
The Company	FPCC MAJESTY Corp. (Note1)	Leasing on ships	100%	100%	-
The Company	FPCC NATURE Corp. (Note1)	Leasing on ships	100%	100%	-
The Company	Formosa Petrochemical International (Cayman) Limited (Note2)	Investing	-	-	100%
The Company	FG INC.	Investing	57%	57%	57%
FG INC.	FG LA LLC	Petrochemical products manufacturing and selling	100%	100%	100%
FPCC Marine Corporation (Note1)	FPCC DILIGENCE Corp. (Note1)	Leasing on ships	-	-	100%
FPCC Marine Corporation (Note1)	FPCC MAJESTY Corp. (Note1)	Leasing on ships	-	-	100%
FPCC Marine Corporation (Note1)	FPCC NATURE Corp. (Note1)	Leasing on ships	-	-	100%

Note 1: FPCC Marine Corporation, the subsidiary of the Company, established FPCC DILIGENCE Corp., FPCC MAJESTY Corp. and FPCC NATURE Corp. at the price of ship assets on March 20, 2020. After the reorganization procedures on April 15, 2020, the subsidiary company FPCC Marine Corporation transferred 100% equity of the three companies FPCC DILIGENCE Corp., FPCC MAJESTY Corp. and FPCC NATURE Corp. to the Company and was entered into dissolution and liquidation process.

Note 2:The Company merged with one of the subsidiaries, Formosa Petrochemical International (Cayman) Limited, on November 19, 2020. The equity investments in Formosa Ha Tinh (Cayman) Limited originally held by Formosa Petrochemical International (Cayman) Limited was directly held by the Company after the combination, and accounted for as financial assets at fair value through other comprehensive income—non-current.

C. Subsidiaries are excluded from the consolidated financial statements and the reason are as follows:

			Percentage of ownership (%)		ip (%)
			March 31,	December 31,	March 31,
Investor	Subsidiaries	Main business	2021	2020	2020
Formosa Oil (Asia Pacific) Corp.	Whalehome International Corp.,	Sales Retailer	53.80%	53.80%	53.80%
	Ltd.				
Formosa Petrochemical	Whalehome International Corp.,	Sales Retailer	15.69%	15.69%	15.69%
Transportation Corp.	Ltd.				

Note: The total percentages of ownership of Formosa Oil (Asia Pacific) Corporation and Formosa Petrochemical Transportation Corporation in Whalehome International Corp., Ltd. all were 69.49% as of March 31, 2021, December 31, 2020, and March 31, 2020, respectively. Whalehome International Corp., Ltd.'s assets, liabilities and net income only representing 0.09%, 0.04%, 0.01% and 0.09%, 0.04%, 0.14% and 0.10%, 0.05%, (0.00)% of the Company's corresponding accounts as of March 31, 2021, December 31, 2020, and March 31, 2020. Whalehome International Corp., Ltd was not significant for the Group, so it was not included in the consolidated financial statement.

The financial statements of the consolidated subsidiaries listed above had not been reviewed by auditors. As of March 31, 2021 and March 31, 2020, the related total assets of the subsidiaries which were not reviewed by auditors amounted to NT\$24,861,752 thousand and NT\$34,002,460 thousand, respectively, and the related total liabilities amounted to NT\$8,149,460 thousand and NT\$11,859,155 thousand, respectively. The comprehensive income (loss) of these subsidiaries amounted to NT\$327,545 thousand and NT\$(1,710,310) thousand for the three months ended March 31, 2021 and 2020, respectively.

(4) Foreign currency transactions

The Group's consolidated financial statements are presented in NT\$, which is also the Company's functional currency. Each entity in the Group determines its own functional currency and items included in the financial statements of each entity are measured using that functional currency.

Transactions in foreign currencies are initially recorded by the Group entities at their respective functional currency rates prevailing at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are retranslated at the functional currency closing rate of exchange ruling at the reporting date. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value is determined. Non-monetary items that are measured at historical cost in a foreign currency are translated using the exchange rates as at the dates of the initial transactions.

All exchange differences arising on the settlement of monetary items or on translating monetary items are taken to profit or loss in the period in which they arise except for the following:

- A. Exchange differences arising from foreign currency borrowings for an acquisition of a qualifying asset to the extent that they are regarded as an adjustment to interest costs are included in the borrowing costs that are eligible for capitalization.
- B. Foreign currency items within the scope of IFRS 9 *Financial Instrument* are accounted for based on the accounting policy for financial instruments.
- C. Exchange differences arising on a monetary item that forms part of a reporting entity's net investment in a foreign operation is recognized initially in other comprehensive income and reclassified from equity to profit or loss on disposal of the net investment.

When a gain or loss on a non-monetary item is recognized in other comprehensive income, any exchange component of that gain or loss is recognized in other comprehensive income. When a gain or loss on a non-monetary item is recognized in profit or loss, any exchange component of that gain or loss is recognized in profit or loss.

(5) Translation of financial statements in foreign currency

The assets and liabilities of foreign operations are translated into NT\$ at the closing rate of exchange prevailing at the reporting date and their income and expenses are translated at an average rate for the period. The exchange differences arising on the translation are recognized in other comprehensive income. On the disposal of a foreign operation, the cumulative amount of the exchange differences relating to that foreign operation, recognized in other comprehensive income and accumulated in the separate component of equity, is reclassified from equity to profit or loss when the gain or loss on disposal is recognized. The following are accounted for as disposals even if an interest in the foreign operation is retained by the Group: the loss of control over a foreign operation, or the loss of joint control over a foreign operation.

On the partial disposal of a subsidiary that includes a foreign operation that does not result in a loss of control, the proportionate share of the cumulative amount of the exchange differences recognized in other comprehensive income is re-attributed to the non-controlling interests in that foreign operation. In partial disposal of an associate or jointly controlled entity that includes a foreign operation that does not result in a loss of significant influence or joint control, only the proportionate share of the cumulative amount of the exchange differences recognized in other comprehensive income is reclassified to profit or loss.

Any goodwill and any fair value adjustments to the carrying amounts of assets and liabilities arising on the acquisition of a foreign operation are treated as assets and liabilities of the foreign operation and expressed in its functional currency.

(6) Current and non-current distinction

An asset is classified as current when:

- A. The Group expects to realize the asset, or intends to sell or consume it, in its normal operating cycle
- B. The Group holds the asset primarily for the purpose of trading
- C. The Group expects to realize the asset within twelve months after the reporting period
- D. The asset is cash or cash equivalent unless the asset is restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period

All other assets are classified as non-current.

A liability is classified as current when:

- A. The Group expects to settle the liability in its normal operating cycle
- B. The Group holds the liability primarily for the purpose of trading
- C. The liability is due to be settled within twelve months after the reporting period
- D. The Group does not have an unconditional right to defer settlement of the liability for at least twelve months after the reporting period. Terms of a liability that could, at the option of the counterparty, result in its settlement by the issue of equity instruments do not affect its classification

All other liabilities are classified as non-current.

(7) Cash and cash equivalents

Cash and cash equivalents comprises cash on hand, demand deposits and 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 (including time deposits with maturing of less than 12 months, repurchase bonds and commercial papers).

(8) Financial instruments

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

Financial assets and financial liabilities within the scope of IFRS 9 *Financial Instruments* are recognized initially at fair value plus or minus, in the case of investments not at fair value through profit or loss, directly attributable transaction costs.

A. Financial instruments: Recognition and Measurement

The Group accounts for regular way purchase or sales of financial assets on the trade date.

The Group classified financial assets as subsequently measured at amortized cost, fair value through other comprehensive income or fair value through profit or loss on the basis of both:

- (a) the Group's business model for managing the financial assets and
- (b) the contractual cash flow characteristics of the financial asset.

Financial assets measured at amortized cost

A financial asset is measured at amortized cost if both of the following conditions are met and presented as notes receivable, accounts receivable (including financing lease receivables), financial assets measured at amortized cost and other receivables etc., on balance sheet as at the reporting date:

- (a) the financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows and
- (b) the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Such financial assets are subsequently measured at amortized cost (the amount at which the financial asset is measured at initial recognition minus the principal repayments, plus or minus the cumulative amortization using the effective interest method of any difference between the initial amount and the maturity amount and adjusted for any loss allowance) and is not part of a hedging relationship. A gain or loss is recognized in profit or loss when the financial asset is derecognized, through the amortization process or in order to recognize the impairment gains or losses.

Interest revenue is calculated by using the effective interest method. This is calculated by applying the effective interest rate to the gross carrying amount of a financial asset except for:

- (a) purchased or originated credit-impaired financial assets. For those financial assets, the Group applies the credit-adjusted effective interest rate to the amortized cost of the financial asset from initial recognition.
- (b) financial assets that are not purchased or originated credit-impaired financial assets but subsequently have become credit-impaired financial assets. For those financial assets, the Group applies the effective interest rate to the amortized cost of the financial asset in subsequent reporting periods.

Financial asset measured at fair value through other comprehensive income

A financial asset is measured at fair value through other comprehensive income if both of the following conditions are met:

- (a) the financial asset is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets and
- (b) the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Recognition of gain or loss on a financial asset measured at fair value through other comprehensive income are described as below:

- (a) A gain or loss on a financial asset measured at fair value through other comprehensive income should be recognized in other comprehensive income, except for impairment gains or losses and foreign exchange gains and losses, until the financial asset is derecognized or reclassified.
- (b) When the financial asset is derecognized, the cumulative gain or loss previously recognized in other comprehensive income should be reclassified from equity to profit or loss as a reclassification adjustment.
- (c) Interest revenue calculated by using the effective interest method (effective interest rate times the carrying amount of the financial asset) or the method stated below should be recognized in profit or loss.
 - (i) For purchased or originated credit-impaired financial assets, the Group applies the credit-adjusted effective interest rate to the amortized cost of the financial asset.
 - (ii) For financial assets that are not purchased or originated credit-impaired financial assets but subsequently become credit-impaired financial assets, the Group applies the effective interest rate to the amortized cost of the financial asset in subsequent reporting periods.

Besides, for certain equity investments within the scope of IFRS 9 that is neither held for trading nor contingent consideration recognized by an acquirer in a business combination to which IFRS 3 applies, the Group made an irrevocable election to present the changes of the fair value in other comprehensive income at initial recognition. Amounts presented in other comprehensive income shall not be subsequently transferred to profit or loss (when disposal of such equity instrument, its cumulated amount included in other components of equity is transferred directly to the retained earnings) and these investments should be presented as financial assets measured at fair value through other comprehensive income on the balance sheet. Dividends on such investment are recognized in profit or loss unless the dividends clearly represents a recovery of part of the cost of investment.

Financial assets at fair value through profit or loss

Financial assets were classified as measured at amortized cost or measured at fair value through other comprehensive income based on aforementioned criteria. All other financial assets were measured at fair value through profit or loss and presented on the balance sheet as financial assets measured at fair value through profit or loss.

Such financial assets are measured at fair value, the gains or losses resulting from remeasurement is recognized in profit or loss which includes any dividend or interest received on such financial assets.

B. Impairment of financial assets

The Group recognizes a loss allowance for expected credit losses on debt instrument investments measured at fair value through other comprehensive income and financial asset measured at amortized cost. The loss allowance on debt instrument measured at fair value through other comprehensive income is recognized in other comprehensive income and does not reduce the carrying amount in the balance sheet.

The Group measures expected credit losses of a financial instrument in a way that reflects:

- (a) an unbiased and probability-weighted amount that is determined by evaluating a range of possible outcomes;
- (b) the time value of money; and
- (c) reasonable and supportable information that is available without undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions.

The loss allowance is measured as follows:

- (a) At an amount equal to 12-month expected credit losses: the credit risk on a financial asset has not increased significantly since initial recognition or the financial asset is determined to have low credit risk at the reporting date. In addition, the Group measures the loss allowance for a financial asset at an amount equal to lifetime expected credit losses in the previous reporting period, but determines at the current reporting date that condition is no longer met.
- (b) At an amount equal to the lifetime expected credit losses: the credit risk on a financial asset has increased significantly since initial recognition or financial asset that is purchased or originated credit-impaired financial asset.
- (c) For trade receivables or contract assets arising from transactions within the scope of IFRS 15, the Group measures the loss allowance at an amount equal to lifetime expected credit losses.
- (d) For lease receivables arising from transactions within the scope of IFRS 16, the Group measures the loss allowance at an amount equal to lifetime expected credit losses.

At each reporting date, the Group needs to assess whether the credit risk on a financial asset has been increased significantly since initial recognition by comparing the risk of a default occurring at the reporting date and the risk of default occurring at initial recognition. Please refer to Note 12 for further details on credit risk.

C. Derecognition of financial assets

A financial asset is derecognized when:

- (a) The rights to receive cash flows from the asset have expired
- (b) The Group has transferred the asset and substantially all the risks and rewards of the asset have been transferred
- (c) The Group has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset

On derecognition of a financial asset in its entirety, the difference between the carrying amount and the consideration received or receivable including any cumulative gain or loss that had been recognized in other comprehensive income, is recognized in profit or loss.

D. Financial liabilities and equity

Classification between liabilities or equity

The Group classifies the instrument issued as a financial liability or an equity instrument in accordance with the substance of the contractual arrangement and the definitions of a financial liability, and an equity instrument.

Equity instruments

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. The transaction costs of an equity transaction are accounted for as a deduction from issuing price.

Financial liabilities

Financial liabilities within the scope of IFRS 9 *Financial Instruments* are classified as financial liabilities at fair value through profit or loss or financial liabilities measured at amortized cost.

Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and financial liabilities designated at fair value through profit or loss.

A financial liability is classified as held for trading if:

- (a) it is acquired or incurred principally for the purpose of selling or repurchasing it in the near term
- (b) on initial recognition it is part of a portfolio of identified financial instruments that are managed together and for which there is evidence of a recent actual pattern of short-term profit-taking
- (c) it is a derivative (except for a derivative that is a financial guarantee contract or a designated and effective hedging instrument)

Gains or losses on the subsequent measurement of liabilities at fair value through profit or loss including interest paid is recognized in profit or loss.

Financial liabilities at amortized cost

Financial liabilities measured at amortized cost include accounts payable, interest bearing loans and borrowings that are subsequently measured using the effective interest rate method after initial recognition. Gains and losses are recognized in profit or loss when the liabilities are derecognized as well as through amortization process of the effective interest rate method.

Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or transaction costs.

Derecognition of financial liabilities

A financial liability is derecognized when the obligation under the liability is discharged or cancelled or expires.

When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified (whether or not attributable to the financial difficulty of the debtor), such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts and the consideration paid, including any non-cash assets transferred or liabilities assumed, is recognized in profit or loss.

E. Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount reported in the balance sheet if, and only if, there is a currently enforceable legal right to offset the recognized amounts and there is an intention to settle on a net basis, or to realize the assets and settle the liabilities simultaneously.

(9) Derivatives instrument and hedge accounting

The Group uses derivative instruments to hedge its price risk of products. A derivative is classified in the balance sheet as financial asset or financial liability at fair value through profit or loss except for derivatives that are designated effective hedging instruments which are classified as derivative financial assets or liabilities for hedging.

Derivative instruments are initially recognized at fair value on the date on which a derivative contract is entered into and are subsequently remeasured at fair value. Derivatives are carried as financial assets when the fair value is positive and as financial liabilities when the fair value is negative. Any gains or losses arising from changes in the fair value of derivatives are taken directly to profit or loss, except for the effective portion of cash flow hedges, which is recognized in equity.

The Group's purpose of using hedge accounting is to hedge the risk of cash flows. Cash flow hedge is a hedge of the exposure to variability in cash flows that is attributable to a particular risk associated with a recognized asset or liability or a highly probable forecast transaction, or foreign exchange rate risk arising from an unrecognized commitment.

Hedges that meet the hedge accounting requirement should be treated as follows:

Cash flow hedge

Gains or losses arising from the effective portion of cash flow hedges are recognized in equity and gains or losses arising from the ineffective portion are recognized in profit or loss.

When the hedged transaction affected profit or loss, the gains or losses recognized in equity are transferred to profit or loss. When the hedged item is non-financial assets or non-financial liabilities, the gains or losses recognized in equity should be transferred to the book value of the hedged non-financial assets or non-financial liabilities.

When the expected transaction or commitment is not expected to happen, the gains or losses recognized in equity previously should be transferred to profit or loss. If the hedge instrument has expired, terminated or executed and not replaced or extended, or has cancelled the original designated hedge, then the gains or losses recognized in equity previously should remain in equity before the expected transaction or commitment affected profit or loss.

(10) Fair value measurement

A fair value measurement assumes that the asset or liability is exchanged in an orderly transaction between market participants to sell the asset or transfer the liability at the measurement date under current market conditions. A fair value measurement assumes that the transaction to sell the asset or transfer the liability takes place either:

- A. in the principal market for the asset or liability; or
- B. in the absence of a principal market, in the most advantageous market for the asset or liability.

The main or the most advantageous market must enter by the group to conduct transaction.

An entity shall measure the fair value of an asset or a liability using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants act in their economic best interest.

A fair value measurement of a non-financial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use.

The Group adopts the appropriate valuation technique(s) to use when measuring fair value. The valuation technique(s) used should maximize the use of relevant observable inputs and minimize unobservable inputs.

(11) Inventories

Inventories are valued at lower of cost and net realizable value item by item.

Costs incurred in bringing each inventory to its present location and condition is accounted for as follows:

Raw materials – Purchase cost on weighted average cost basis.

Finished goods and work in progress – Cost of direct materials and labor and a proportion of manufacturing overheads based on normal operating capacity but excluding borrowing costs. The fix manufacturing cost is allocated based on normal operating capacity. If the actual capacity exceeds the normal capacity, then the fix manufacturing cost is allocated based on the actual capacity. Finished goods and work in progress are based on weighted average method.

Net realizable value is the estimated selling price in the ordinary course of business, less estimated costs of completion and the estimated costs necessary to make the sale.

Rendering of services is accounted in accordance with IFRS 15 but not within the scoping of inventories.

(12) Investments accounted for using the equity method

The Group's investment in its associate is accounted for using the equity method other than those that meet the criteria to be classified as held for sale. An associate is an entity over which the Group has significant influence. A joint venture is a type of joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the joint venture.

Under the equity method, the investment in the associate or an investment in a joint venture is carried in the balance sheet at cost and adjusted thereafter for the post-acquisition change in the Group's share of net assets of the associate. After the interest in the associate or joint venture is reduced to zero, additional losses are provided for, and a liability is recognized, only to the extent that the Group has incurred legal or constructive obligations or made payments on behalf of the associate or joint venture. Unrealized gains and losses resulting from transactions between the Group and the associate or joint venture are eliminated to the extent of the Group's related interest in the associate or joint venture.

When changes in the net assets of an associate or a joint venture occur and not those that are recognized in profit or loss or other comprehensive income and do not affects the Group's percentage of ownership interests in the associate or joint venture, the Group recognizes such changes in equity based on its percentage of ownership interests. The resulting capital surplus recognized will be reclassified to profit or loss at the time of disposing the associate or joint venture on a prorate basis.

When the associate issues or a joint venture new stock, and the Group's interest in an associate or a joint venture is reduced or increased as the Group fails to acquire shares newly issued in the associate or joint venture proportionately to its original ownership interest, the increase or decrease in the interest in the associate or joint venture is recognized in Additional Paid in Capital and Investment accounted for using the equity method. When the interest in the associate or joint venture is reduced, the cumulative amounts previously recognized in other comprehensive income are reclassified to profit or loss or other appropriate items. The aforementioned capital surplus recognized is reclassified to profit or loss on a pro rata basis when the Group disposes of the associate or joint venture.

The financial statements of the associate or joint venture are prepared for the same reporting period as the Group. Where necessary, adjustments are made to bring the accounting policies in line with those of the Group.

The Group determines at each reporting date whether there is any objective evidence that the investment in the associate or an investment in a joint venture is impaired in accordance with IAS 28 *Investments in Associates and Joint Ventures*. If this is the case the Group calculates the amount of impairment as the difference between the recoverable amount of the associate or joint venture and its carrying value and recognizes the amount in the 'share of profit or loss of an associate' in the statement of comprehensive income in accordance with IAS 36 Impairment of Assets. In determining the value in use of the investment, the Group estimates:

- A. Its share of the present value of the estimated future cash flows expected to be generated by the associate or joint venture, including the cash flows from the operations of the associate and the proceeds on the ultimate disposal of the investment; or
- B. The present value of the estimated future cash flows expected to arise from dividends to be received from the investment and from its ultimate disposal.

Because goodwill that forms part of the carrying amount of an investment in an associate or an investment in a joint venture is not separately recognized, it is not tested for impairment separately by applying the requirements for impairment testing goodwill in IAS 36 Impairment of Assets.

Upon loss of significant influence over the associate or joint venture, the Group measures and recognizes any retaining investment at its fair value. Any difference between the carrying amount of the associate or joint venture upon loss of significant influence and the fair value of the retaining investment and proceeds from disposal is recognized in profit or loss. Furthermore, if an investment in an associate becomes an investment in a joint venture or an investment in a joint venture becomes an investment in an associate, the entity continues to apply the equity method and does not remeasure the retained interest.

(13) Property, plant and equipment

Property, plant and equipment are stated at cost, net of accumulated depreciation and

accumulated impairment losses, if any. Such cost includes the cost of dismantling and

removing the item and restoring the site on which it is located and borrowing costs for

construction in progress if the recognition criteria are met. 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 is

depreciated separately. When significant parts of property, plant and equipment are required

to be replaced in intervals, the Group recognized such parts as individual assets with specific

useful lives and depreciation, respectively. The carrying amount of those parts that are

replaced is derecognized in accordance with the derecognition provisions of IAS 16 Property,

plant and equipment. When a major inspection is performed, its cost is recognized in the

carrying amount of the plant and equipment as a replacement if the recognition criteria are

satisfied. All other repair and maintenance costs are recognized in profit or loss as incurred.

Depreciation is calculated on a straight-line basis over the estimated economic lives of the

following assets:

Buildings: 25~55 years

Machinery and equipment: 5~40 years

Transportation equipment: 3~15 years

Other equipment: 3~25 years

Leasehold improvements: The shorter of lease terms or economic useful lives

An item of property, plant and equipment and any significant part initially recognized is

derecognized upon disposal or when no future economic benefits are expected from its use or

disposal. Any gain or loss arising on derecognition of the asset is recognized in profit or loss.

The assets' residual values, useful lives and methods of depreciation are reviewed at each

financial year end and adjusted prospectively, if appropriate.

The Company changed the depreciation method from the straight-line method to the fixed-

percentage-on-declining-base method on January 1, 2008 with respect to the related machines,

transportation and other equipment of the Refinery and Oil Products Division (excluding the

utilities factory and oil factory), Petrochemical Olefins Division and Maintenance Center in

Mailiao plant. PP&E still in use after its service life are further depreciated over the newly

estimated remaining useful lives.

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(14) Investment property

The Group's owned investment properties are measured initially at cost, including transaction costs. The carrying amount includes the cost of replacing part of an existing investment property at the time that cost is incurred if the recognition criteria are met and excludes the costs of day-to-day servicing of an investment property. Subsequent to initial recognition, other than those that meet the criteria to be classified as held for sale (or are included in a disposal group that is classified as held for sale) in accordance with IFRS 5 Non-current Assets Held for Sale and Discontinued Operations, investment properties are measured using the cost model in accordance with the requirements of IAS 16 Property, plant and equipment for that model. If investment properties are held by a lessee as right-of-use assets and is not held for sale in accordance with IFRS 5, investment properties are measured in accordance with the requirements of IFRS 16.

Investment properties are derecognized when either they have been disposed of or when the investment property is permanently withdrawn from use and no future economic benefit is expected from its disposal. The difference between the net disposal proceeds and the carrying amount of the asset is recognized in profit or loss in the period of derecognition.

The Group transfers properties to or from investment properties according to the actual use of the properties.

Properties are transferred to or from investment properties when the properties meet, or cease to meet, the definition of investment property and there is evidence of the change in use.

(15) Leases

The Group assesses whether the contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset for a period of time, the Group assesses whether, throughout the period of use, has both of the following:

- (a) the right to obtain substantially all of the economic benefits from use of the identified asset; and
- (b) the right to direct the use of the identified asset.

For a contract that is, or contains, a lease, the Group accounts for each lease component within the contract as a lease separately from non-lease components of the contract. For a contract that contains a lease component and one or more additional lease or non-lease components, the Group allocates the consideration in the contract to each lease component on the basis of the relative stand-alone price of the lease component and the aggregate stand-alone price of the non-lease components. The relative stand-alone price of lease and non-lease components shall be determined on the basis of the price the lessor, or a similar supplier, would charge the Group for that component, or a similar component, separately. If an observable stand-alone price is not readily available, the Group estimates the stand-alone price, maximising the use of observable information.

Group as a lessee

Except for leases that meet and elect short-term leases or leases of low-value assets, the Group recognizes right-of-use asset and lease liability for all leases which the Group is the lessee of those lease contracts.

At the commencement date, the Group measures the lease liability at the present value of the lease payments that are not paid at that date. The lease payments are discounted using the interest rate implicit in the lease, if that rate can be readily determined. If that rate cannot be readily determined, the Group uses its incremental borrowing rate. At the commencement date, the lease payments included in the measurement of the lease liability comprise the following payments for the right to use the underlying asset during the lease term that are not paid at the commencement date:

- (a) fixed payments (including in-substance fixed payments), less any lease incentives receivable;
- (b) variable lease payments that depend on an index or a rate, initially measured using the index or rate as at the commencement date;
- (c) amounts expected to be payable by the lessee under residual value guarantees;
- (d) the exercise price of a purchase option if the Group is reasonably certain to exercise that option; and
- (e) payments of penalties for terminating the lease, if the lease term reflects the lessee exercising an option to terminate the lease.

After the commencement date, the Group measures the lease liability on an amortised cost basis, which increase the carrying amount to reflect interest on the lease liability by using an effective interest method; and reducing the carrying amount to reflect the lease payments made.

At the commencement date, the Group measures the right-of-use asset at cost. The cost of the right-of-use asset comprises:

- (a) the amount of the initial measurement of the lease liability;
- (b) any lease payments made at or before the commencement date, less any lease incentives received;
- (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.

For subsequent measurement of the right-of-use asset, the Group measures the right-of-use asset at cost less any accumulated depreciation and any accumulated impairment losses. That is, the Group measures the right-of-use applying a cost model.

If the lease transfers ownership of the underlying asset to the Group by the end of the lease term or if the cost of the right-of-use asset reflects that the Group will exercise a purchase option, the Group depreciates the right-of-use asset from the commencement date to the end of the useful life of the underlying asset. Otherwise, the Group depreciates the right-of-use asset from the commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term.

The Group applies IAS 36 "Impairment of Assets" to determine whether the right-of-use asset is impaired and to account for any impairment loss identified.

Except for those leases that the Group accounted for as short-term leases or leases of low-value assets, the Group presents right-of-use assets and lease liabilities in the balance sheet and separately presents lease-related interest expense and depreciation charge in the statements comprehensive income.

For short-term leases or leases of low-value assets, the Group elects to recognize the lease payments associated with those leases as an expense on either a straight-line basis over the lease term or another systematic basis.

For the rent concession arising as a direct consequence of the covid-19 pandemic, the Group elected not to assess whether it is a lease modification but accounted it as a variable lease payment. The Group have applied the practical expedient to all rent concessions that meet the conditions for it.

Group as a lessor

At inception of a contract, the Group classifies each of its leases as either an operating lease or a finance lease. A lease is classified as a finance lease if it transfers substantially all the risks and rewards incidental to ownership of an underlying asset. A lease is classified as an operating lease if it does not transfer substantially all the risks and rewards incidental to ownership of an underlying asset. At the commencement date, the Group recognizes assets held under a finance lease in its balance sheet and present them as a receivable at an amount equal to the net investment in the lease.

For a contract that contains lease components and non-lease components, the Group allocates the consideration in the contract applying IFRS 15.

The Group recognizes lease payments from operating leases as rental income on either a straight-line basis or another systematic basis. Variable lease payments for operating leases that do not depend on an index or a rate are recognized as rental income when incurred.

(16) Exploration and evaluation assets

Mineral resources means acquired mineral interests and the oil and gas wells and related facilities arising from oil and gas development activities. Necessary cost for the acquisition of mineral interest including acquisition, exploration, development and removal or restoration costs are capitalized as mineral resource assets.

(17) Impairment of non-financial assets

The Group assesses at the end of each reporting period whether there is any indication that an asset in the scope of IAS 36 *Impairment of Assets* may be impaired. If any such indication exists, or when annual impairment testing for an asset is required, the Group estimates the asset's recoverable amount. An asset's recoverable amount is the higher of an asset's or cashgenerating unit's ("CGU") fair value less costs to sell and its value in use and is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets. Where the carrying amount of an asset or CGU exceeds its recoverable amount, the asset is considered impaired and is written down to its recoverable amount.

For assets excluding goodwill, an assessment is made at each reporting date as to whether there is any indication that previously recognized impairment losses may no longer exist or may have decreased. If such indication exists, the Group estimates the asset's or cashgenerating unit's recoverable amount. A previously recognized impairment loss is reversed only if there has been an increase in the estimated service potential of an asset which in turn increases the recoverable amount. However, the reversal is limited so that the carrying amount of the asset does not exceed its recoverable amount, nor exceed the carrying amount that would have been determined, net of depreciation, had no impairment loss been recognized for the asset in prior years.

An impairment loss of continuing operations or a reversal of such impairment loss is recognized in profit or loss.

(18) Revenue recognition

The Group's revenue arising from contracts with customers mainly include sale of goods and rendering of services. The accounting policies for the Group's types of revenue are explained as follows:

Sales of goods

The Group manufactures and sells goods. Sales are recognized when control of the goods is transferred to the customer (meaning that the customer has control over the use of the product and claims almost all of the remaining benefit) and the goods are delivered to the customers. The main product of the Group is petrochemical products and revenue is recognized based on the consideration stated in the contract. The remaining sales transactions are usually accompanied by volume discounts (based on the accumulated total sales amount for a specified period). Therefore, revenue from these sales is recognized based on the price specified in the contract, net of the estimated volume discounts. Accumulated experience is used to estimate and provide for the discounts, using the expected value method. Revenue is only recognized to the extent that it is highly probable that a significant reversal in the amount of cumulative revenue recognized will not occur when the uncertainty associated with the variable consideration is subsequently resolved. During the period specified in the contract, refund liability is recognized for the products expected to be returned.

The Group has not provided any warranty to its products.

The credit period of the Group's sale of goods is from 30 to 60 days. For most of the contracts, when the Group transfers the goods to customers and has a right to an amount of consideration that is unconditional, these contracts are recognized as trade receivables. The period between the Group transfers the goods to customers and when the customers pay for that goods is usually short and have no significant financing component to the contract. For a small part of the contracts, the Group has the right to transfer the goods to customers but does not has a right to an amount of consideration that is unconditional, these contacts should be presented as contract assets. Besides, in accordance with IFRS 9, the Group measures the loss allowance for a contract asset at an amount equal to the lifetime expected credit losses.

Rendering of services

The service provided by the Group is mainly terminal operations which have fixed price or negotiated price based on the number of times the service is provided. The performance obligation is fulfilled at a certain point, so the revenue should be recognized when the performance obligation is fulfilled.

Most of the contractual consideration of the Group are claimed after services have been rendered. When services have been performed but the Group does not have the right to the consideration unconditionally, contract assets should be recognized. For part of the contracts where consideration is claimed upon signing the contract, then the Group has the obligation to provide the services subsequently and contract liabilities should be recognized.

The period between the transfers of contract liabilities to revenue is usually within one year, and thus, no significant financing component is arised.

(19) Borrowing costs

Borrowing costs directly attributable to the acquisition, construction or production of an asset that necessarily takes a substantial period of time to get ready for its intended use or sale are capitalized as part of the cost of the respective assets. All other borrowing costs are expensed in the period they occur. Borrowing costs consist of interest and other costs that an entity incurs in connection with the borrowing of funds.

(20) Post-employment benefits

All regular employees of the Company and its domestic subsidiaries are entitled to a pension plan that is managed by an independently administered pension fund committee. Fund assets are deposited under the committee's name in the specific bank account and hence, not associated with the Company and its domestic subsidiaries. Therefore, fund assets are not included in the Group's consolidated financial statements. Pension benefits for employees of the overseas subsidiaries and the branches are provided in accordance with the respective local regulations.

For the defined contribution plan, the Company and its domestic subsidiaries will make a monthly contribution of no less than 6% of the monthly wages of the employees subject to the plan. The Company recognizes expenses for the defined contribution plan in the period in which the contribution becomes due. Overseas subsidiaries and branches make contribution to the plan based on the requirements of local regulations.

Post-employment benefit plan that is classified as a defined benefit plan uses the Projected Unit Credit Method to measure its obligations and costs based on actuarial assumptions. Remeasurements, comprising of the effect of the actuarial gains and losses, the effect of the asset ceiling (excluding net interest) and the return on plan assets, excluding net interest, are recognized as other comprehensive income with a corresponding debit or credit to retained earnings in the period in which they occur. Past service costs are recognized in profit or loss on the earlier of:

- A. the date of the plan amendment or curtailment, and
- B. the date that the Group recognizes restructuring-related costs

Net interest is calculated by applying the discount rate to the net defined benefit liability or asset, both as determined at the start of the annual reporting period, taking account of any changes in the net defined benefit liability (asset) during the period as a result of contribution and benefit payment.

Pension cost for an interim period is calculated on a year-to-date basis by using the actuarially determined pension cost rate at the end of the prior financial year, adjusted and disclosed for significant market fluctuations since that time and for significant curtailments, settlements, or other significant one-off events.

(21) Income taxes

Income tax expense (income) is the aggregate amount included in the determination of profit or loss for the period in respect of current tax and deferred tax.

Current income tax

Current income tax assets and liabilities for the current and prior periods are measured at the amount expected to be recovered from or paid to the taxation authorities, using the tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting period. Current income tax relating to items recognized in other comprehensive income or directly in equity is recognized in other comprehensive income or equity and not in profit or loss.

The income tax for undistributed earnings is recognized as income tax expense in the subsequent year when the distribution proposal is approved by the shareholders' meeting.

Deferred tax

Deferred tax is provided on temporary differences at the reporting date between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes.

Deferred tax liabilities are recognized for all taxable temporary differences, except:

- A. Where the deferred tax liability arises from the initial recognition of goodwill or of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss
- B. In respect of taxable temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, where the timing of the reversal of the temporary differences can be controlled and it is probable that the temporary differences will not reverse in the foreseeable future

Deferred tax assets are recognized for all deductible temporary differences, carry forward of unused tax credits and unused tax losses, to the extent that it is probable that taxable profit will be available against which the deductible temporary differences, and the carry forward of unused tax credits and unused tax losses can be utilized, except:

- A. Where the deferred tax asset relating to the deductible temporary difference arises from the initial recognition of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss
- B. In respect of deductible temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, deferred tax assets are recognized only to the extent that it is probable that the temporary differences will reverse in the foreseeable future and taxable profit will be available against which the temporary differences can be utilized.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the year when the asset is realized or the liability is settled, based on tax rates and tax laws that have been enacted or substantively enacted at the reporting date. The measurement of deferred tax assets and deferred tax liabilities reflects the tax consequences that would follow from the manner in which the Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities. Deferred tax relating to items recognized outside profit or loss is recognized outside profit or loss. Deferred tax items are recognized in correlation to the underlying transaction either in other comprehensive income or directly in equity. Deferred tax assets are reassessed at each reporting date and are recognized accordingly.

Deferred tax assets and deferred tax liabilities are offset, if a legally enforceable right exists to set off current income tax assets against current income tax liabilities and the deferred taxes relate to the same taxable entity and the same taxation authority.

Interim period income tax expense is accrued using the tax rate that would be applicable to expected total annual earnings, that is, the estimated average annual effective income tax rate applied to the pre-tax income of the interim period. The estimated average annual effective income tax rate only includes current income tax. The recognition and measurement of deferred tax follows annual financial reporting requirements in accordance with IAS 12. The Group recognizes the effect of change in tax rate for deferred taxes in full if the new tax rate is enacted by the end of the interim reporting period, by charging to profit or loss, other comprehensive income, or directly to equity.

5. SIGNIFICANT ACCOUNTING JUDGEMENTS, ESTIMATES AND ASSUMPTIONS

The preparation of the Company's consolidated financial statements require management to make judgments, estimates and assumptions that affect the reported amounts of revenues, expenses, assets and liabilities, and the disclosure of contingent liabilities, at the end of the reporting period. However, uncertainty about these assumption and estimate could result in outcomes that require a material adjustment to the carrying amount of the asset or liability affected in future periods.

(1) Judgment

In the process of applying the Group's accounting policies, management has made the following judgments, which have the most significant effect on the amounts recognized in the consolidated financial statements:

Finance lease commitment—Group as the lessor/lessee

The Group has entered into commercial property leases. The Group has determined, based on an evaluation of the terms and conditions of the arrangements, that it retains all the significant risks and rewards of ownership of these properties and accounts for the contracts as finance leases.

(2) Estimates and assumptions

The key assumptions concerning the future and other key sources of estimation uncertainty at the reporting date, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

A. Fair value of financial instruments

Where the fair value of financial assets and financial liabilities recorded in the balance sheet cannot be derived from active markets, they are determined using valuation techniques including the income approach (for example the discounted cash flows model) or market approach. Changes in assumptions about these factors could affect the reported fair value of the financial instruments. Please refer to Note 12 for more details.

B. Pension benefits

The cost of post-employment benefit and the present value of the pension obligation under defined benefit pension plans are determined using actuarial valuations. An actuarial valuation involves making various assumptions. These include the determination of the discount rate and changes of the future salary etc.

C. Revenue recognition — sales returns and allowance

The Group estimates sales returns and allowance based on historical experience and other known factors at the time of sale, which reduces the operating revenue. The aforementioned sales returns and allowance is estimated based on the assumption that it is highly probable that a significant reversal in the amount of cumulative revenue recognized will not occur.

D. Income tax

Uncertainties exist with respect to the interpretation of complex tax regulations and the amount and timing of future taxable income. Given the wide range of international business relationships and the long-term nature and complexity of existing contractual agreements, differences arising between the actual results and the assumptions made, or future changes to such assumptions, could necessitate future adjustments to tax income and expense already recorded. The Group establishes provisions, based on reasonable estimates, for possible consequences of audits by the tax authorities of the respective counties in which it operates. The amount of such provisions is based on various factors, such as experience of previous tax audits and differing interpretations of tax regulations by the taxable entity and the responsible tax authority. Such differences of interpretation may arise on a wide variety of issues depending on the conditions prevailing in the respective Group's domicile.

Deferred tax assets are recognized for all carry forward of unused tax losses and unused tax credits and deductible temporary differences to the extent that it is probable that taxable profit will be available or there are sufficient taxable temporary differences against which the unused tax losses, unused tax credits or deductible temporary differences can be utilized. The amount of deferred tax assets determined to be recognized is based upon the likely timing and the level of future taxable profits and taxable temporary differences together with future tax planning strategies.

E. Accounts receivables – estimation of impairment loss

The Group estimates the impairment loss of accounts receivables at an amount equal to lifetime expected credit losses. The credit loss is the present value of the difference between the contractual cash flows that are due under the contract (carrying amount) and the cash flows that expects to receive (evaluate forward looking information). However, as the impact from the discounting of short-term receivables is not material, the credit loss is measured by the undiscounted cash flows. Where the actual future cash flows are lower than expected, a material impairment loss may arise. Please refer to Note 6 for more details.

F. Inventories

Estimates of net realisable value of inventories take into consideration that inventories may be damaged, become wholly or partially obsolete, or their selling prices have declined. The estimates are based on the most reliable evidence available at the time the estimates are made. Please refer to Note 6 for more details.

6. CONTENTS OF SIGNIFICANT ACCOUNTS

(1) Cash and cash equivalents

	As of				
	March 31, December 31, March 31,				
	2021	2020	2020		
	NTD	NTD	NTD		
Cash on hand and petty cash	\$4,920	\$5,008	\$5,120		
Checking accounts	63,491	427,073	43,502		
Demand deposits	38,856,575	26,010,042	19,568,875		
Time deposits	9,179,604	10,679,378	10,527,850		
Commercial paper	2,230,422	4,487,138	2,850,971		
Repurchase bonds	483,380	1,357,164	1,318,700		
Total	\$50,818,392	\$42,965,803	\$34,315,018		

The above cash and cash equivalents were not pledged as collateral or restricted for uses.

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

	As of			
	March 31, December 31, March 3			
	2021	2020	2020	
	NTD	NTD	NTD	
Mandatorily measured at fair value through				
profit or loss:				
Funds	\$3,897,807	\$3,888,511	\$4,085,858	

The profit (loss) arising from financial assets at fair value through profit or loss were NT\$9,296 thousand and NT\$41,889 thousand for the three months ended March 31, 2021 and 2020, respectively.

Financial assets at fair value through profit or loss were not pledged.

(3) Financial assets at fair value through other comprehensive income — current and non-current

	As of			
	March 31,	December 31,	March 31,	
	2021	2020	2020	
	NTD	NTD	NTD	
Equity instruments investments measured at fair				
value through other comprehensive income:				
Listed companies stocks	\$65,970,197	\$61,996,861	\$41,919,443	
Unlisted companies stocks	16,224,488	14,692,966	14,162,810	
Total	\$82,194,685	\$76,689,827	\$56,082,253	
Current	\$65,970,197	\$61,996,861	\$41,919,443	
Non-current	16,224,488	14,692,966	14,162,810	
Total	\$82,194,685	\$76,689,827	\$56,082,253	

The Group classified part of its financial assets as financial assets at fair value through other comprehensive income. Please refer to Note 8 for more details on financial assets at fair value through other comprehensive income under pledge.

The Group has equity instrument investments measured at fair value through other comprehensive income were not dividend for the three months ended March 31, 2021 and 2020.

(4) Financial assets (liabilities) for hedging — current and non-current

March 31, 2021 December 31, 2020 March 31, 2020 Financial assets for hedging Financial Derivatives Energy commodity swap contracts \$245,890 \$165,093 \$46,251 Current Non-current 10,079 \$235,811 \$165,093 \$35,428 Non-current 10,079 \$10,823 \$46,251 Total \$245,890 \$165,093 \$46,251 March 31, 2021 December 31, 2020 March 31, 2021 December 31, 3020 March 31, 2020 December 31, 3020 March 31, 2020 December 31, 3020 March 31, 3020 December 31, 3020 March 31, 3020		As of			
NTD NTD NTD		March 31,	December 31,	March 31,	
Financial assets for hedging \$245,890 \$165,093 \$46,251 Current \$235,811 \$165,093 \$35,428 Non-current 10,079 - 10,823 Total \$245,890 \$165,093 \$46,251 Financial liabilities for hedging As of March 31, 2021 December 31, 2020 March 31, 2021 December 31, 2020 NTD NTD NTD NTD NTD NTD NTD STD STD<		2021	2020	2020	
Financial Derivatives \$245,890 \$165,093 \$46,251 Current \$235,811 \$165,093 \$35,428 Non-current 10,079 - 10,823 Total \$245,890 \$165,093 \$46,251 Financial liabilities for hedging March 31, 2021 2020 2020 2020 NTD NTD Financial Derivatives Tenergy commodity swap contracts \$- \$- \$33,537 Current \$- \$- \$19,174 Non-current - - 14,363		NTD	NTD	NTD	
Energy commodity swap contracts \$245,890 \$165,093 \$46,251 Current \$235,811 \$165,093 \$35,428 Non-current 10,079 - 10,823 Total \$245,890 \$165,093 \$46,251 Financial liabilities for hedging March 31, 2021 2020 2020 NTD NTD NTD Financial Derivatives Senergy commodity swap contracts \$- \$33,537 Current \$- \$- \$19,174 Non-current - - 14,363	Financial assets for hedging				
Current Non-current \$235,811 \$165,093 \$35,428 Non-current 10,079 - 10,823 Total \$245,890 \$165,093 \$46,251 Financial liabilities for hedging March 31, December 31, March 31, 2021 2020 2020 NTD NTD NTD NTD Financial liabilities for hedging Financial Derivatives \$- \$- \$33,537 Current \$- \$- \$19,174 Non-current - - - 14,363	Financial Derivatives				
Non-current 10,079 - 10,823 Total \$245,890 \$165,093 \$46,251 March 31, 2021 December 31, 2020 March 31, 2020 2020 NTD NTD NTD Financial liabilities for hedging Financial Derivatives \$- \$- \$33,537 Current \$- \$- \$19,174 Non-current - - 14,363	Energy commodity swap contracts	\$245,890	\$165,093	\$46,251	
Non-current 10,079 - 10,823 Total \$245,890 \$165,093 \$46,251 March 31, 2021 December 31, 2020 March 31, 2020 2020 NTD NTD NTD Financial liabilities for hedging Financial Derivatives \$- \$- \$33,537 Current \$- \$- \$19,174 Non-current - - 14,363	Current	\$235,811	\$165,093	\$35,428	
As of March 31, December 31, 2021 2020 2020 NTD NTD NTD	Non-current	10,079	-	10,823	
March 31, 2021 December 31, 2020 March 31, 2020 March 31, 2020 March 31, 2020 NTD NTD NTD NTD NTD NTD NTD STD	Total	\$245,890	\$165,093	\$46,251	
Z021 Z020 Z020 NTD NTD NTD Financial liabilities for hedging Financial Derivatives Energy commodity swap contracts \$- \$- \$- \$19,174 Non-current - - 14,363			As of		
Financial liabilities for hedgingNTDNTDNTDFinancial liabilities for hedgingSTDNTDFinancial DerivativesSTDSTDEnergy commodity swap contractsSTDSTDSurrentSTD <td></td> <td>March 31,</td> <td>December 31,</td> <td>March 31,</td>		March 31,	December 31,	March 31,	
Financial liabilities for hedging Financial Derivatives \$- \$- \$33,537 Current \$- \$- \$19,174 Non-current - - 14,363		2021	2020	2020	
Financial Derivatives \$- \$- \$33,537 Current \$- \$- \$19,174 Non-current - - - 14,363		NTD	NTD	NTD	
Energy commodity swap contracts \$- \$- \$33,537 Current \$- \$- \$19,174 Non-current - - 14,363	Financial liabilities for hedging				
Current \$- \$- \$19,174 Non-current - - - 14,363	Financial Derivatives				
Non-current <u> 14,363</u>	Energy commodity swap contracts	<u>\$-</u>	<u>\$-</u>	\$33,537	
Non-current <u> 14,363</u>	Current	\$-	\$ -	\$19.174	
		Ψ -	Ψ -	,	
		\$-	\$-		

Note: The Group applied hedge accounting according to IAS 39.

A. As of March 31, 2021 December 31, 2020 and March 31, 2020, there were 82, 55 and 45 energy commodity swap contracts outstanding. The Company used these contracts to hedge the fluctuations of international crude oil, petroleum product and nature gas prices. The swap contracts entered into by the Company are highly correlated with the price movement of the hedged items and periodic reviews are conducted on the swap contracts undertaken. All energy commodity swap contracts currently held by the Company are held for purpose of hedging and hedge effective. Please refer to Note 12 for details of the company's financial risk management objectives and policies, hedging strategies and activities.

B. For hedging fluctuations of international crude oil, petroleum product and nature gas prices, the outstanding energy commodity swap contracts were as follows:

		March 31, 2021			
			Book	Value	
		Notional	Liability		
Type of Transaction	Pricing Period	Quantity	NTD	NTD	
Singapore gasoline /	Apr.1, 2021~	1,200			
Dubai Crack Swap	Dec.31, 2022	(1,000 bbls)	\$229,389	\$-	
Henry Hub Natural	Apr.1, 2021~	2,320,000			
Gas Asian Swap	Dec.31, 2021	MMBtu	16,501		
Total			245,890	-	
Less: Financial assets (liabilities) for hedging — current			235,811		
Financial assets (liability	ties) for hedging -	non-current	\$10,079	\$ -	
i indiciai assets (naoin	ties, for heaging	non carrent	Ψ10,072		

		December 31, 2020			
		_	Book		
		Notional	Asset	Liability	
Type of Transaction	Pricing Period	Quantity	NTD	NTD	
Singapore gasoline /	Jan.1, 2021~	1,200			
Dubai Crack Swap	Dec.31, 2021	(1,000 bbls)	\$161,127	\$-	
Henry Hub Natural	Apr.1, 2021~	460,000			
Gas Asian Swap	Oct.31, 2021	MMBtu	3,966		
Total			165,093	-	
Less: Financial assets (liabilities) for hedging — current			165,093		
Financial assets (liability	ties) for hedging -	non-current	\$-	\$-	

		March 31, 2020			
		Book Value			
		Notional	Asset	Liability	
Type of Transaction	Pricing Period	Quantity	NTD	NTD	
Singapore gasoline /	Jul.1, 2020~	900			
Dubai Crack Swap	Dec.31, 2021	(1,000 bbls)	\$32,266	\$33,537	
Singapore jet fuel	Apr.1, 2020~	225			
/diesel oil Crack	Dec.31, 2020	(1,000 bbls)			
Swap		_	13,985		
Total			46,251	33,537	
Less: Financial assets (liabilities) for hedging — current			35,428	19,174	
Financial assets (liabilities) for hedging — non-current			\$10,823	\$14,363	
		=			

(5) Notes and accounts receivable

		As of	
	March 31,	December 31,	March 31,
	2021	2020	2020
	NTD	NTD	NTD
A. Notes receivable	\$846	\$1,970	\$2,054
Less: Loss allowance	-	-	-
Notes receivable, net	\$846	\$1,970	\$2,054
B. Notes receivable – related parties	\$2,960,580	\$1,465,976	\$1,486,741
Less: Loss allowance	-	-	-
Notes receivable – related parties, net	\$2,960,580	\$1,465,976	\$1,486,741
C. Accounts receivable	\$9,324,876	\$11,921,345	\$11,623,999
Less: Loss allowance	(424, 136)	(372,067)	(327,479)
Accounts receivable, net	\$8,900,740	\$11,549,278	\$11,296,520
D. Accounts receivable – related parties	\$28,570,967	\$22,401,436	\$18,582,124
Less: Loss allowance	-	-	-
Accounts receivable - related parties, net	\$28,570,967	\$22,401,436	\$18,582,124

Notes receivable and accounts receivable were from operations and were not held as collateral by any financial institution.

Accounts receivable are generally on 30~60 day terms. As of March 31, 2021, December 31, 2020 and March 31, 2020, the book value were NT\$40,857,269 thousand, NT\$35,790,727 thousand and NT\$31,694,918 thousand, respectively. Please refer to Note 6.16 for more details on loss allowance of accounts receivable for the three months ended March 31, 2021 and 2020. Please refer to Note. 12 for more details on credit risk management.

(6) Inventories

	As of				
	March 31, December 31, March 31,				
	2021	2020	2020		
	NTD	NTD	NTD		
Raw materials	\$25,069,854	\$21,642,951	\$23,535,609		
Supplies	5,200,111	4,951,512	5,402,001		
Work in process	7,786,339	6,205,385	10,326,792		
Finished goods	16,664,810	12,703,418	13,255,003		
Goods in transit	5,401,412	1,532,282	4,278,081		
By-product	2,272	1,858	1,822		
Total	\$60,124,798	\$47,037,406	\$56,799,308		

The cost of inventories (operating cost) recognized in expenses amounted to NT\$106,672,139 thousand and NT\$148,683,903 thousand for the three months ended March 31, 2021 and 2020, including the expense (benefit) from inventory diluted to its respective net realizable value of NT\$(43,153) thousand and NT\$5,261,463 thousand for the three months ended March 31, 2021 and 2020, respectively.

COVID-19 vaccination prevented the spread of the epidemic and market was optimistic about the result of the vaccination. Therefore, demand was expected to grow hence led the crude oil and naphtha prices to rise. As a result, the Group had recognized gain from price recovery of inventory in the amount of NT\$43,153 thousand for the three months ended March 31, 2021.

No inventories were pledged as of March 31, 2021, December 31, 2020 and March 31, 2020.

(7) Prepaid expense

	As of				
	March 31, December 31, March 31,				
	2021	2020	2020		
	NTD	NTD	NTD		
Prepaid expense – Maintenance	\$7,470,863	\$7,710,693	\$6,294,163		
Prepaid expense – Material	2,661,260	1,676,151	1,927,935		
Prepaid taxes — Input VAT	-	231,697	664,677		
Prepaid expense — Insurance	11,635	48,079	28,961		
Prepaid expense – Others	1,849,561	1,967,143	1,293,333		
Total	\$11,993,319	\$11,633,763	\$10,209,069		

(8) Investments accounted for using the equity method

The following table lists the investments accounted for using the equity method of the Group:

	As of					
	March	31, 2021	Decemb	er 31, 2020	March	31, 2020
		Percentage of		Percentage of		Percentage of
Investee	NTD	Ownership (%)	NTD	Ownership (%)	NTD	Ownership (%)
<u>Investments in associates</u>						
Mai-Liao Power Corporation	\$12,617,941	24.94	\$12,416,391	24.94	\$10,528,202	24.94
Yi-Chi Construction Corporation	28,446	40.55	28,467	40.55	89,828	40.55
Mailiao Harbor Administration						
Corporation	2,386,965	44.96	2,295,271	44.96	2,506,467	44.96
Formosa Development Corporation	797,249	45.99	772,318	45.99	648,759	45.99
Formosa Marine Corporation	266,678	20.00	173,697	20.00	36,903	20.00
Simosa Oil Corporation	541,923	20.00	541,394	20.00	543,678	20.00
Formosa Environmental Technology						
Corporation	227,704	24.34	227,350	24.34	226,211	24.34
Formosa Plastics Synthetic Rubber	-	-	-	-	290,804	33.33
Formosa Plastics Synthetic Rubber (HK)	2,121,330	33.33	2,163,006	33.33	2,177,226	32.53
Nan Ya Photonics, Incorporation	297,157	22.83	294,829	22.83	-	-
Whalehome International Corp., Ltd.	228,779	69.49	227,246	69.49	228,325	69.49
TMS Corp.	54,203	49.00	51,170	49.00	46,006	49.00
Formolight Technologies, Inc.	58,776	39.43	62,497	39.43	58,169	39.43
Formosa Resources Corporation	7,054,834	25.00	6,169,287	25.00	6,607,841	25.00
Formosa Group (Cayman) Limited	658,822	25.00	649,229	25.00	670,615	25.00
Subtotal	27,340,807		26,072,152		24,659,034	-

	As of						
	March	March 31, 2021		er 31, 2020	March	March 31, 2020	
		Percentage of		Percentage of		Percentage of	
Investee	NTD	Ownership (%)	NTD	Ownership (%)	NTD	Ownership (%)	
Investments in jointly controlled entities							
Caltex Taiwan Corporation	57,160	50.00	55,642	50.00	95,613	50.00	
Formosa Kraton Chemical Co., Ltd.	1,285,429	50.00	1,240,764	50.00	1,155,674	50.00	
Idemitsu Formosa Specialty Chemicals Corp.	377,433	50.00	423,174	50.00	575,395	50.00	
Formosa Falkor Engineering Corporation	-	-	-	-	7,515	50.00	
NKFG	566,744	45.00	675,987	45.00	828,571	45.00	
Subtotal	2,286,766		2,395,567		2,662,768	_	
Total	\$29,627,573		\$28,467,719		\$27,321,802	=	

A. Investments in associates

(a) The associates of the Group was not significant. The summary financial information of related party was listed below:

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
Net income	\$84,589	\$220,593
Other comprehensive income (loss), net	296,246	(921,690)
Comprehensive income (loss) for the period	\$380,835	\$(701,097)

- (b) The associates of the Group have no publicly quoted prices.
- (c) Formosa Plastics Synthetic Rubber was dissolved in September 2020, and transferred its equity of Formosa Plastics Synthetic Rubber (HK) to other original shareholders. And the Group transferred accumulated share of other comprehensive income accounted for using equity method NT\$(44,168) thousand from other equity to retained earnings. The Group acquired 3,333 thousand shares of Formosa Plastics Synthetic Rubber (HK), and the Group's aggregated shareholding percentage is 33.33%.

B. Investments in joint ventures

(a) The joint ventures of the Group was not significant. The summary financial information of joint ventures was listed below:

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
Net income (loss)	\$(108,802)	\$18,764
Other comprehensive income (loss), net		
Comprehensive income (loss) for the period	\$(108,802)	\$18,764

(b) During March of 2020, NKFG increased capital by issuing new shares. The Group did not acquire the newly issued shares proportionately to its original ownership interest and thus, its ownership interest changes. Therefore, the Group increase capital surplus and investments accounted for using equity method by NT\$18,845 thousand.

C. The associates and joint ventures had no contingent liability, committed capital or provided guarantee on March 31, 2021, December 31, 2020 and March 31, 2020. The joint venture could not distribute profits before obtaining all partners' consent.

The above-mentioned investment under the equity method amounted to NT\$29,627,573 thousand and NT\$27,321,802 thousand as of March 31, 2021 and 2020, respectively. The related share of profit or loss of associates and joint ventures accounted for using the equity method amounted to NT\$(24,213) thousand and NT\$239,357 thousand for the three months ended March 31, 2021 and 2020, respectively. The share of other comprehensive income of associates and joint ventures accounted for using the equity method amounted to NT\$296,246 thousand and NT\$(921,690) thousand for the three months ended March 31, 2021 and 2020, respectively. The financial statements of these investee were unreviewed.

- D. Whalehome International Corp., Ltd. was not included in the consolidated financial statements. Please refer to Note 4.(3).C •
- E. To develop UVLED business in collaboration with other companies, the Group established NKFG, a joint venture, in July 2018. According to the investment agreement, the Group was the sole owner of NKFG initially, and NKFG received capital injection on September 20, 2019 and March 20, 2020. As of March 31, 2021, The Group's ownership of NKFG was 45%.
- F. The Group's associate Mai-Liao Power Corporation was approved to cease public issuing by Financial Supervisory Commission approved document No. 1090347583 dated June 23, 2020.
- G. The Group acquired 3,931 thousand shares of Nan Ya Photonics Incorporation on August 31, 2020, and the Group's shareholding percentage was risen from 14.3% to 22.83%. Therefore, the Group reclassified the equity instrument investments measured at fair value through other comprehensive income—non-current to investments accounted for using equity method, which based on the fair value on acquisition date. And the Group transferred related accumulated fair value changes NT\$(124,434) thousand from other equity to retained earnings.
- H. Yi-Chi Construction Corporation, the associate of the Company, held an extraordinary shareholders' meeting on December 15, 2020. The extraordinary shareholders' meeting adopted a resolution to reduce capital by NT\$156,700 thousand to cover losses and refund the amount to shareholders. The base date was December 21, 2020. Therefore, the Company collected back investment in the amount of NT\$61,992 thousand.
- I. Long-term equity investments are not pledged as collaterals for bank loans as of March 31, 2021 and 2020.

(9) Property, plant and equipment

As of March 31, 2021, the property, plant and equipment for operating leases, representing 0% of total property, plant and equipment. Therefore, it is not intended to separately list Statement of changes in property, plant and equipment for operating leases.

	Land and land		Machinery and	Other	Transportation	Leasehold	Construction in	
	improvements	Buildings	equipment	equipment	equipment	Improvement	progress	Total
Cost:								
2021.1.1	\$26,515,601	\$44,883,212	\$365,488,419	\$4,443,292	\$889,513	\$368,891	\$11,034,328	\$453,623,256
Additions	-	-	14,874	28,601	1,720	-	3,212,754	3,257,949
Transfer	-	1,067	467,798	112	598	1,204	(470,779)	-
Disposals	-	-	(40,505)	(18,274)	(17,831)	-	-	(76,610)
Exchange								
differences	2,686			16			4,917	7,619
2021.3.31	\$26,518,287	\$44,884,279	\$365,930,586	\$4,453,747	\$874,000	\$370,095	\$13,781,220	\$456,812,214
			-					
2020.1.1	\$26,643,779	\$44,758,083	\$362,524,280	\$4,254,619	\$882,516	\$330,043	\$8,849,866	\$448,243,186
Additions	6,580	-	13,987	20,824	1,185	23,438	2,522,812	2,588,826
Transfer	-	49,654	1,001,132	118	254	-	(1,051,158)	-
Disposals	-	-	(18,375)	(5,047)	(2,430)	(10,165)	-	(36,017)
Exchange								
differences	17,215			98			21,520	38,833
2020.3.31	\$26,667,574	\$44,807,737	\$363,521,024	\$4,270,612	\$881,525	\$343,316	\$10,343,040	\$450,834,828
Depreciation ar	d impairment:							
2021.1.1	\$-	\$30,044,303	\$319,817,165	\$3,570,648	\$600,112	\$261,480	\$-	\$354,293,708
Depreciation	-	473,092	2,294,188	63,689	14,059	3,329	-	2,848,357
Disposals	-	-	(40,224)	(17,872)	(17,161)	-	-	(75,257)
Transfer	-	-	(228)	1	227	-	-	-
Exchange								
differences				18				18
2021.3.31	\$-	\$30,517,395	\$322,070,901	\$3,616,484	\$597,237	\$264,809	\$-	\$357,066,826
								_
2020.1.1	\$-	\$28,156,244	\$313,633,716	\$3,384,659	\$569,285	\$268,634	\$-	\$346,012,538
Depreciation	-	470,875	2,278,122	55,517	13,860	2,936	-	2,821,310
Disposals	-	-	(18,083)	(5,046)	(2,430)	(10,165)	-	(35,724)
Transfer	-	-	(76)	2	74	-	-	-
Exchange								
differences				41				41
2020.3.31	\$-	\$28,627,119	\$315,893,679	\$3,435,173	\$580,789	\$261,405	\$-	\$348,798,165
								_
Net carrying an	nount as of:							
2021.3.31	\$26,518,287	\$14,366,884	\$43,859,685	\$837,263	\$276,763	\$105,286	\$13,781,220	\$99,745,388
2020.12.31	\$26,515,601	\$14,838,909	\$45,671,254	\$872,644	\$289,401	\$107,411	\$11,034,328	\$99,329,548
2020.3.31	\$26,667,574	\$16,180,618	\$47,627,345	\$835,439	\$300,736	\$81,911	\$10,343,040	\$102,036,663

Capitalized borrowing costs of property, plant and equipment are as follows:

	For the three months	For the three months
Item	ended March 31, 2021	ended March 31, 2020
Construction in progress	\$517	\$153
Capitalisation rate of borrowing costs	0.82%~0.96%	1.57%~1.88%

- A. The Group's property, plant and equipment was not pledged as collaterals.
- B. Interest expenses before capitalization were NT\$96,758 thousand and NT\$128,859 thousand for three months ended March 31, 2021 and 2020, respectively.

(10) Investment property and other non-current assets

A. Investment property:

	2021.1.1	Additions	Disposals	2021.3.31
Land:				
Cost	\$946,818	\$-	\$-	\$946,818
			Reversal of	
	2021.1.1	Impairment	impairment loss	2021.3.31
Land:				
Accumulated impairment	\$581,254	\$-	\$(26,767)	\$554,487
	2021.1.1			2021.3.31
Land:				
Net carrying amount as of	\$365,564		-	\$392,331
	2020.1.1	Additions	Disposals	2020.3.31
Land:				
Land: Cost	2020.1.1 \$946,818	Additions \$-	Disposals \$-	2020.3.31 \$946,818
			\$-	
	\$946,818	\$-	\$- Reversal of	\$946,818
Cost			\$-	
Cost Land:	\$946,818 2020.1.1	\$- Impairment	Reversal of impairment loss	\$946,818 2020.3.31
Cost	\$946,818	\$-	\$- Reversal of	\$946,818
Cost Land:	\$946,818 2020.1.1 \$580,574	\$- Impairment	Reversal of impairment loss	\$946,818 2020.3.31 \$581,254
Cost Land: Accumulated impairment	\$946,818 2020.1.1	\$- Impairment	Reversal of impairment loss	\$946,818 2020.3.31
Cost Land:	\$946,818 2020.1.1 \$580,574	\$- Impairment	Reversal of impairment loss	\$946,818 2020.3.31 \$581,254

- (a) The Group's investment property was not pledged as collaterals.
- (b) The Group measures its investment property not by the fair value, however it discloses its information by the fair value, and it is belong to level 3. The fair value of the investment property held by the Group amounted to NT\$392,331 thousand, NT\$365,564 thousand and NT\$365,564 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively. The fair value of investment property was valued by an independent external appraisal expert CCIS Real Estate Joint Appraisers Firm and Euro-Asia Real Estate Appraisers Firm. The fair value was determined based on the market evidence, and the evaluation method was the comparison method, which input is estimated by the price of square meters.

B. Other non-current assets:

		As of	
	March 31,	December 31,	March 31,
_	2021	2020	2020
	NTD	NTD	NTD
Refundable deposits	\$390,687	\$384,448	\$516,132
Prepaid expense — land and equipment	4,021,569	4,141,628	4,126,974
Advance	120,825	116,401	124,702
Unamortized expense	1,125,732	1,068,510	656,330
Other assets — land	9,823	9,823	9,823
Prepaid expense — Maintenance	2,608,695	2,426,121	1,528,009
Other assets — Others	1,040,348	1,236,767	1,364,827
Total	\$9,317,679	\$9,383,698	\$8,326,797

As of March 31, 2021, December 31, 2020 and March 31, 2020, the above land was temporarily registered under a third party's name, all at cost amounting to NT\$9,823 thousand. A lien has been created on the land through the land administration authority of the government, and the registered amounts of the lien were all NT\$90,360 thousand in order to protect the interest of the Company. The land was accounted for as the other non-current asset.

(11) Short-term loans

As of			
	March 31,	December 31,	March 31,
	2021	2020	2020
Interest Rate	NTD	NTD	NTD
0.850%~1.200%	\$-	\$-	\$282,508
0.79%~1.07%	33,894	271,781	272,520
-	\$33,894	\$271,781	\$555,028
	0.850%~1.200%	Interest RateMarch 31, 20210.850%~1.200% 0.79%~1.07%\$- 33,894	March 31, 2021December 31, 2020Interest RateNTDNTD0.850%~1.200%\$- 33,894\$- 271,781

A. The Group's unused short-term lines of credits amounted to NT\$19,612,400 thousand, NT\$19,584,034 thousand and NT\$4,104,322 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively.

(12) Bonds payable

		As of	
	March 31,	December 31,	March 31,
	2021	2020	2020
	NTD	NTD	NTD
Domestic unsecured unconvertible bonds	\$29,200,000	\$29,200,000	\$16,900,000
Less: current portion	<u>-</u> _		(2,200,000)
Long-term bonds payable	\$29,200,000	\$29,200,000	\$14,700,000

As of March 31, 2021, the terms of the domestic bonds were as follows:

Domestic unsecured unconvertible bonds

Item	Unse	cured		Unsecured			Unsecured	
	Bonds No.35		Bonds No.36			Bonds No.37		
Type of bonds	Bond B	Bond C	Bond A	Bond B	Bond C	Bond A	Bond B	Bond C
Issue date	2014.9.12	2014.9.12	2019.7.24	2019.7.24	2019.7.24	2020.8.6	2020.8.6	2020.8.6
Principal	2,200,000	1,400,000	4,500,000	4,500,000	2,100,000	4,600,000	7,800,000	2,100,000
amount								
Ending balance	2,200,000	1,400,000	4,500,000	4,500,000	2,100,000	4,600,000	7,800,000	2,100,000
Face value	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Issue price	Par value	Par value	Par value	Par value	Par value	Par value	Par value	Par value
Maturity	10 years	12 years	5 years	7 years	10 years	5 years	7 years	10 years
Coupon rate	Fixed rate	Fixed rate	Fixed rate	Fixed rate	Fixed rate	Fixed rate	Fixed rate	Fixed rate
	1.90%	1.99%	0.72%	0.78%	0.87%	0.55%	0.64%	0.68%
Interest payment	Annually	Annually	Annually	Annually	Annually	Annually	Annually	Annually
Repayment	Repay 50% of	Repay 50% of	Repay 50% of	Repay 50% of	Repay 50% of	Repay 50% of	Repay 50% of	Repay 50% of
	the principal at	the principal at	the principal at	the principal at	the principal at	the principal at	the principal at	the principal at
	the end of the	the end of the	the end of the	the end of the	the end of the	the end of the	the end of the	the end of the
	9th and 10th year	11th and 12th year	4th and 5th year	6th and 7th year	9th and 10th year	4th and 5th year	6 th and 7 th year	9th and 10th year
Conversion								
exchange or	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
stock warrants								
	Financial	Financial	Taipei Exchange	Taipei Exchange	Taipei Exchange	Taipei Exchange	Taipei Exchange	Taipei Exchange
Securities and	Supervisory	Supervisory	approved	approved	approved	approved	approved	approved
Futures Bureau	Commission	Commission	document	document	document	document	document	document
approved	approved	approved	No.10800082232,	No.10800082232,	No.10800082232,	No.10900087591	No.10900087591	No.10900087591
document	document No.	document No.	July 22, 2019	July 22, 2019	July 22, 2019	, July 28, 2020	July 28, 2020	, July 28, 2020
number	1030029158,	1030029158,						
	July 31, 2014	July 31, 2014						

(13)Post-employment benefits

A. Defined contribution plan

Expenses under the defined contribution plan were NT\$67,716 thousand and NT\$68,849 thousand for the three months ended March 31, 2021 and 2020, respectively.

B. Defined benefits plan

Expenses under the defined benefits plan were NT\$22,880 thousand and NT\$24,136 thousand for the three months ended March 31, 2021 and 2020, respectively.

(14) Equities

A. Common stock

The Company's authorized and issued capital all amounted to NT\$95,259,597 thousand and consisted of 9,525,960 thousand shares at \$10 par value each as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively. Each share has one vote and the right to receive dividends.

B. Capital surplus

		As of	
	March 31, December 31, March		
	2021	2020	2020
	NTD	NTD	NTD
Additional paid-in capital-premium in	_		
excess of the par value of shares issued	\$24,864,000	\$24,864,000	\$24,864,000
Additional paid-in capital-bond conversion	6,379,284	6,379,284	6,379,284
Joint venture and associates change in			
equity under equity method	171,986	171,986	171,986
Subsidiary change in equity	2,994	2,994	2,994
Others	585	585	520
Total	\$31,418,849	\$31,418,849	\$31,418,784

According to the Company Act, the capital reserve shall not be used except for making good the deficit of the company. When a company incurs no loss, it may distribute the capital reserves related to the income derived from the issuance of new shares at a premium or income from endowments received by the company. The distribution could be made in cash or in the form of dividend shares to its shareholders in proportion to the number of shares being held by each of them. Also, the capital reserve arisen from equity investments cannot be used for any purpose.

C. Retained earnings and dividend policies

Pursuant to the Company's Articles of Incorporation, current year's earnings, if any, shall be appropriated in the following order:

- (a) Payments of all taxes, if any
- (b) To offset prior year's deficit, if any
- (c)To set aside 10% of the remaining amount as legal reserve after deducting items (a) and (b)
- (d) To set aside special reserve, if required
- (e) To set aside an amount for dividends
- (f) The remaining amount (the "appropriable after-dividend earnings"), if any, combination with prior year's accumulated unappropriated earnings is appropriated based on the appropriation of shareholders' bonuses plan drafted by the board of directors under the ordinary shareholders' meeting.

The above special reserve includes:

- (a) Reserve recorded for special purposes
- (b) Investment income recognized under equity method
- (c) Net assessment income arising from financial transactions, however, when the cumulative decreases, the special reserve should be reduced accordingly to the extent that has been set aside;
- (d) The special reserve required by other laws and regulations.

The Company's business is in its maturity stage. As a result, the dividends can be distributed in a combination of cash and capital increase out of earnings and paid-in capital. The total amount distributed should be at least 50% of the earnings available after setting aside legal reserve and special reserve, provided that cash dividends take precedence and capital increase out of earnings and paid-in capital do not exceed 50% of the total distribution.

According to the Company Act, the Company needs to set aside amount to legal reserve unless where such legal reserve amounts to the total authorized capital. The legal reserve can be used to make good the deficit of the Company. When the Company incurs no loss, it may distribute the portion of legal serve which exceeds 25% of the paid-in capital by issuing new shares or by cash in proportion to the number of shares being held by each of the shareholders.

When the Company distributing distributable earnings, it shall set aside to special reserve, an amount equal to "other net deductions from shareholders" equity for the current fiscal year, provided that if the company has already set aside special reserve according to the requirements for the adoption of IFRS, it shall set aside supplemental special reserve based on the difference between the amount already set aside and other net deductions from shareholders' equity. For any subsequent reversal of other net deductions from shareholders' equity, the amount reversed may be distributed from the special reserve.

The FSC on March 31, 2021 issued Order No. Financial-Supervisory-Securities-Corporate-1090150022, which sets out the following provisions for compliance:

On a public company's first-time adoption of the IFRS, for any unrealized revaluation gains and cumulative translation adjustments (gains) recorded to shareholders' equity that the company elects to transfer to retained earnings by application of the exemption under IFRS 1, the company shall set aside special reserve. For any subsequent use, disposal or reclassification of related assets, the Company can reverse the special reserve by the proportion of the special reserve first appropriated and distribute it.

For the years ended December 31, 2020 and 2019, the details of earnings distribution and dividends per share as proposed by the board meeting on March 11, 2021 and resolved by the shareholder's meeting on May 29, 2020, were as follows:

_	Appropriation of earnings		Appropriation of earnings Dividend		per share
	2020	2019	2020	2019	
Legal reserve	\$746,665	\$3,679,821			
Common stock — cash dividend	5,620,316	27,625,283	\$0.59	\$2.90	
Total	\$6,366,981	\$31,305,104			

Please refer to Note 6.18 for details on employee's compensation.

D. Non-controlling interests

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Beginning balance	\$4,525,709	\$3,778,944
Net loss attributed to the non-controlling interest	(8,600)	(10,019)
Other comprehensive income attributed to the non- controlling interest:		
Exchange differences resulting from translating the financial statements of a foreign operation Acquisition of new shares in a subsidiary in	3,538	18,011
proportionate to ownership interest	-	390,567
Ending balance	\$4,520,647	\$4,177,503
		.

(15) Operating revenues

	For the three months ended March 31, 2021	For the three months ended March 31, 2020
	NTD	NTD
Revenue from contracts with customers		
Sale of goods		
Gasoline	\$17,690,685	\$18,754,992
Petrochemical products (ethylene and propylene, etc.)	48,217,603	37,871,509
Diesel oil	19,759,276	31,286,111
Jet fuel	3,133,401	7,439,935
Electricity	5,693,172	4,661,345
Steam	2,498,669	2,887,689
Others	33,065,913	34,398,799
Subtotal	130,058,719	137,300,380
Service revenues	240,947	230,977
Total	\$130,299,666	\$137,531,357

Analysis of revenue from contracts with customers during the three months periods ended March 31, 2021 and 2020 are as follows:

(1) Disaggregation of revenue

For the three months ended March 31, 2021

	Petrochemical			
	Division	Utility Division	Others	Total
Sale of goods				
Gasoline	\$14,934,967	\$-	\$2,755,718	\$17,690,685
Petrochemical products	48,217,603	-	-	48,217,603
(ethylene and propylene, etc.)				
Diesel oil	18,808,927	-	950,349	19,759,276
Jet fuel	3,133,401	-	-	3,133,401
Electricity	-	5,693,172	-	5,693,172
Steam	-	2,498,669	-	2,498,669
Others	32,558,795	314,784	192,334	33,065,913
Subtotal	117,653,693	8,506,625	3,898,401	130,058,719
Service revenues		<u> </u>	240,947	240,947
Total	\$117,653,693	\$8,506,625	\$4,139,348	\$130,299,666
Revenue recognition point:				
At a point in time	\$117,653,693	\$8,506,625	\$4,139,348	\$130,299,666

For the three months ended March 31, 2020

	Petrochemical			
	Division	Utility Division	Others	Total
Sale of goods				
Gasoline	\$17,692,748	\$-	\$1,062,244	\$18,754,992
Petrochemical products	37,871,509	-	-	37,871,509
(ethylene and propylene, etc.)				
Diesel oil	30,958,014	-	328,097	31,286,111
Jet fuel	7,439,935	-	-	7,439,935
Electricity	-	4,661,345	-	4,661,345
Steam	-	2,887,689	-	2,887,689
Others	31,787,019	304,657	2,307,123	34,398,799
Subtotal	125,749,225	7,853,691	3,697,464	137,300,380
Service revenues			230,977	230,977
Total	\$125,749,225	\$7,853,691	\$3,928,441	\$137,531,357
Revenue recognition point:				
At a point in time	\$125,749,225	\$7,853,691	\$3,928,441	\$137,531,357

(2) Contract balances

Contract liabilities — current

	As of			
	March 31,	December 31,	March 31,	January 1,
	2021	2020	2020	2020
Sales of goods	\$58,791	\$60,401	\$200,688	\$52,014

The significant changes in the Group's balances of contract liabilities for the three months periods ended March 31, 2021 and 2020 are as follows:

in the balance at the beginning of the year	\$60,401	\$52,014
Revenue recognized during the year that was included		
	NTD	NTD
	March 31, 2021	March 31, 2020
	months ended	months ended
	For the three	For the three

(3) Transaction price allocated to unsatisfied performance obligations

The Group's contracts are all shorter than one year, there is not to provide information on outstanding performance obligations.

(4) Assets recognized from costs to fulfil a contract

None.

(16) Expected credit losses/ (gains)

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Operating expenses — Expected credit losses/(gains)		
Accounts receivable	\$52,069	\$(167,112)

The Group does not expect that any significant losses will incur because the counterparty fail to fulfill the agreement. Please refer to Note 12 for information of credit risks.

The Group measures the loss allowance of receivables (including notes and accounts receivable) at an amount equal to lifetime expected credit losses. The explanation of the loss allowance measured for the three months ended March 31, 2021 and 2020 are as follows:

A. By expected credit losses approximately 1% (including historical and forward-looking information, which refers to chemical material, petroleum and coal product price index) as of March 31, 2021 and 2020.

B. The Group needs to consider the grouping of receivables by past experiences and its loss allowance is measured by using a provision matrix, details as follows:

As at March 31, 2	As at March 31, 2021 Past due					
	Neither past	Within			Over	•
	due	30 days	31-60 days	61-90 days	90 days	Total
Gross carrying						
amount	\$40,503,138	\$353,927	\$204	\$-	\$-	\$40,857,269
Loss ratio	1%	1%	1%		-	_
Lifetime expected						
credit losses	420,595	3,539	2		-	424,136
Total	\$40,082,543	\$350,388	\$202	\$-	\$-	\$40,433,133
As at December 3	31, 2020		Pa	st due		_
	Neither past	Within			Over	
	due	30 days	31-60 days	61-90 days	90 days	Total
Gross carrying						
amount	\$35,535,531	\$255,196	\$-	\$-	\$-	\$35,790,727
Loss ratio	1%	1%			_	<u>-</u>
Lifetime expected						
credit losses	369,515	2,552			_	372,067
Total	\$35,166,016	\$252,644	\$-	\$-	\$-	\$35,418,660
As at March 31, 2	-		Past	due		
	Neither past	Within			Over	
	due	30 days	31-60 days	61-90 days	90 days	Total
Gross carrying						
amount	\$31,625,011	\$69,329	\$578	\$-	\$-	\$31,694,918
Loss ratio	1%	1%	1%		-	.
Lifetime expected						
credit losses	326,780	693	6		-	327,479
Total	\$31,298,231	\$68,636	\$572	<u>\$-</u>	\$-	\$31,367,439

The movement in the provision for impairment of notes receivable and accounts receivable during the three months periods ended March 31, 2021 and 2020 are as follows:

	Receivables
Balance as at January 1, 2021	\$372,067
Addition/(reversal) for the current period	52,069
Balance as at March 31, 2021	\$424,136
Balance as at January 1, 2020	\$494,591
Addition/(reversal) for the current period	(167,112)
Balance as at March 31, 2020	\$327,479

(17) Lease

(1) Group as lessee

The Group has entered into commercial leases on land and buildings. These leases have an average life of more than one to twenty years with no restrictions placed upon the Group in the contracts.

The effect that leases have on the financial position, financial performance and cash flows of the Group are as follow:

A. Amounts recognized in the balance sheet

(a) Right-of-use asset

The carrying amount of right-of-use asset

As of			
March 31, December 31, March 31,			
2021	2020	2020	
NTD	NTD	NTD	
\$101,096	\$29,873	\$37,522	
75,108	81,546	92,406	
203,397	-	2,000	
2,597,581	2,703,012	3,210,892	
3,051,101	3,184,660	3,502,058	
\$6,028,283	\$5,999,091	\$6,844,878	
	2021 NTD \$101,096 75,108 203,397 2,597,581 3,051,101	2021 2020 NTD NTD \$101,096 \$29,873 75,108 81,546 203,397 - 2,597,581 2,703,012 3,051,101 3,184,660	

During the three-month periods ended March 31, 2021 and 2020, the additions to right-of-use assets of the Group amounting to NT\$310,334 thousand and NT\$156,504 thousand, respectively.

(b) Lease liability

	As of			
	March 31, December 31, March 31			
	2021	2020	2020	
	NTD	NTD	NTD	
Lease liability	\$6,138,444	\$6,192,868	\$6,976,686	
Current	\$1,090,535	\$1,006,308	\$1,048,692	
Non-current	\$5,047,909	\$5,186,560	\$5,927,994	

Please refer to Note 6 (19)(D) for the interest on lease liability recognized during the three months periods ended March 31, 2021 and 2020 and refer to Note 12 (5) Liquidity risk management for the maturity analysis for lease liabilities.

B. Amounts recognized in the statement of profit or loss

Depreciation charge for right-of-use assets

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
Land	\$4,265	\$2,550
Buildings	6,441	6,674
Machinery and equipment	5,296	667
Transportation equipment	107,084	113,734
Gas station	148,814	150,377
Total	\$271,900	\$274,002

C. Income and costs relating to leasing activities

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
The expense relating to short-term leases	\$37,342	\$49,009

As at March 31, 2021, December 31, 2020, and March 31, 2020, the Group has no committed short-term lease portfolio.

D. Cash outflow relating to leasing activities

During the three months periods ended March 31, 2021, the Group's total cash outflow for leases amounting to NT\$355,688 thousand and short-term leases NT\$37,342 thousand.

During the three months periods ended March 31, 2020, the Group's total cash outflow for leases amounting to NT\$355,426 thousand and short-term leases NT\$49,009 thousand.

E. Other information relating to leasing activities

None.

(2) Group as lessor

The Group has entered into leases on certain equipment of vessel equipment and automated storage and retrieval systems. These leases have terms of between ten years and fifteen years, respectively. These leases are classified as finance leases as they do transfer substantially all the risks and rewards incidental to ownership of underlying assets.

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
Lease income for finance leases		
Finance income on the net investment in the lease	\$30,843	\$36,077

For finance leases entered by the Group, the undiscounted lease payments to be received and a total of the amounts for the remaining years as at March 31, 2021, December 31, 2020 and March 31, 2020 are as follow:

As of			
March 31, December 31, Marc		March 31,	
2021	2020	2020	
\$410,776	\$410,457	\$434,674	
410,776	410,457	434,674	
411,860	410,457	434,674	
1,203,778	411,540	435,823	
881,267	1,770,430	1,275,566	
124,167	127,929	1,057,745	
3,442,624	3,541,270	4,073,156	
(422,890)	(453,538)	(584,215)	
\$3,019,734	\$3,087,732	\$3,488,941	
\$292,586	\$289,403	\$297,088	
\$2,727,148	\$2,798,329	\$3,191,853	
	2021 \$410,776 410,776 411,860 1,203,778 881,267 124,167 3,442,624 (422,890) \$3,019,734 \$292,586	March 31, 2021 December 31, 2020 \$410,776 \$410,457 410,776 410,457 411,860 410,457 1,203,778 411,540 881,267 1,770,430 124,167 127,929 3,442,624 3,541,270 (422,890) (453,538) \$3,019,734 \$3,087,732 \$292,586 \$289,403	

(18) Summary statement of employee benefits, depreciation and amortization expenses by function is as follows:

Function	For the three months ended			For the	three months	s ended
	N	Iarch 31, 202	.1	N	Iarch 31, 202	0
	Operating	Operating		Operating	Operating	
	Cost	Expense	Total	Cost	Expense	Total
Description	(NTD)	(NTD)	(NTD)	(NTD)	(NTD)	(NTD)
Employee benefits expense	\$1,300,182	\$910,643	\$2,210,825	\$1,307,758	\$913,827	\$2,221,585
Salaries and wages	1,123,483	800,946	1,924,429	1,134,879	805,620	1,940,499
Labor and health insurance	87,026	58,392	145,418	81,614	55,438	137,052
Pension	56,874	33,722	90,596	58,367	34,618	92,985
Other employee benefits expense	32,799	17,583	50,382	32,898	18,151	51,049
Depreciation and depletion	2,896,363	265,421	3,161,784	2,769,672	367,667	3,137,339
Amortization	443,896	158	444,054	377,271	103	377,374

The amortization recognized as non-operating income and expenses are NT\$1,625 thousand and NT\$1,310 thousand for the three months ended March 31, 2021 and 2020, respectively.

According to the Company's Articles of Incorporation, 0.02% to 0.1% of the profit of the period should be distributed as employee's compensation. However, if there is accumulated deficit, the deficit should be covered first. The Company may, by a resolution adopted by a majority vote at a meeting of Board of Directors attended by two-thirds of the total number of directors, have the profit distributable as employees' compensation in the form of shares or in cash; and in addition thereto a report of such distribution is submitted to the shareholders' meeting. Information on the board of directors' resolution regarding the employee compensation can be obtained from the "Market Observation Post System" on the website of the TWSE.

The Company's employee compensation was NT\$4,466 thousand, estimated as 0.02% of the Company's net profit and recognized as employee's compensation for the three months ended March 31, 2021. As the operations during the first quarter of 2020 resulted in a net loss, no employee compensation was estimated and accrued.

The Company's the board of director's meeting on March 11, 2021, resolved to distribute NT\$1,733 thousand of employee compensation in cash. No difference existed between the employee compensation distributed and disclosed in the financial statements of 2020.

(19) Non-operating income and expenses

A. Interest income

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Bank interest income	\$12,271	\$23,322
Interest income — due from affiliates	28,516	49,634
Interest income — finance leases	30,843	36,077
Other interest income	2,944	4,657
Total	\$74,574	\$113,690
B. Other income		
	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Rental income	\$290,838	\$294,120
Others	205,010	234,018
Total	\$495,848	\$528,138
C. Other gains and losses		
	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Gains (losses) on disposal and abandon of property, plant	·	
and equipment	\$1,811	\$1,114
Foreign exchange (losses) gains, net	764,407	317,528
Impairment loss / Reversal of impairment loss	,	,
Investment property	26,767	(680)
Other gains (losses) — others	(17,718)	(19,923)
Gains (losses) on financial assets at fair value through	` / -/	` , -,
profit or loss (Note)	9,296	41,889
Total	\$784,563	\$339,928

Note: Balance in current period arose from financial assets mandatorily measured at fair value through profit or loss.

D.Financial costs

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Interest on bonds payable	\$60,394	\$48,763
Interbank loans with interest	-	10,326
Interest for lease liabilities	30,968	36,759
Other interest expenses	4,879	32,858
Total finance costs	\$96,241	\$128,706

(20) Components of other comprehensive income

For the three months ended March 31, 2021

	Arising during the period	Reclassification adjustments during the period	Other comprehensive income, before tax	Income tax relating to components of other comprehensive income	Other comprehensive income, net of tax
Items that will not be reclassified					
to profit or loss:					
Unrealized gains (losses) from					
equity instruments investments					
measured at fair value through					
other comprehensive income	\$5,503,748	\$-	\$5,503,748	\$-	\$5,503,748
Share of other comprehensive					
income of associates and joint					
ventures accounted for using					
the equity method	284,930	-	284,930	-	284,930
Items that may be reclassified					
subsequently to profit or loss:					
Exchange differences arising					
from translation of foreign					
operations	11,955	-	11,955	-	11,955
Gains (losses) on hedging					
instrument	128,944	(48,212)	80,732	13,653	67,079
Share of other comprehensive					
income of associates and joint					
ventures accounted for using					
the equity method	11,316		11,316		11,316
Total	\$5,940,893	\$(48,212)	\$5,892,681	\$13,653	\$5,879,028

For the three months ended March 31, 2020

				Income tax	
				relating to	
		Reclassification		components of	Other
		adjustments	comprehensive	other	comprehensive
	Arising during	during the	income, before	comprehensive	income, net of
	the period	period	tax	income	tax
Items that will not be reclassified					
to profit or loss:					
Unrealized gains (losses) from					
equity instruments investments					
measured at fair value through					
other comprehensive income	\$(20,039,267)	\$-	\$(20,039,267)	\$-	\$(20,039,267)
Share of other comprehensive					
income of associates and joint					
ventures accounted for using					
the equity method	(977,014)	-	(977,014)	-	(977,014)
Items that may be reclassified					
subsequently to profit or loss:					
Exchange differences arising					
from translation of foreign					
operations	103,348	-	103,348	-	103,348
Gains (losses) on hedging					
instrument	9,304	-	9,304	1,861	7,443
Share of other comprehensive					
income of associates and joint					
ventures accounted for using					
the equity method	55,324		55,324		55,324
Total	\$(20,848,305)	\$-	\$(20,848,305)	\$1,861	\$(20,850,166)

(21)Income taxes

The major components of income tax expense (income) for the three months ended March 31, 2021 and 2020 are as follows:

Income tax expense (income) recognized in profit or loss

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Current income tax expense (income):		
Current income tax charge	\$4,245,766	\$7,227
Deferred tax expense (income):		
Deferred tax expense (income) relating to origination		
and reversal of temporary differences	195,157	(2,591,642)
Others	14,043	2,485
Total income tax expense (income)	\$4,454,966	\$(2,581,930)

Income tax relating to components of other comprehensive income

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Deferred tax expense (income):		
Gains (losses) on hedging instrument	\$13,653	\$1,861

The assessment of income tax returns

As of March 31, 2021, the assessment of the income tax returns of the Company and its subsidiaries was as follows:

	The assessment of income tax returns
The Company	Assessed and approved up to 2017
Subsidiary- Formosa Oil (Asia Pacific) Corporation	Assessed and approved up to 2018
Subsidiary- Formosa Petrochemical Transportation	
Corporation	Assessed and approved up to 2018

(22) Earnings (losses) per share

Basic earnings (losses) per share amounts are calculated by dividing net profit (loss) attributable to ordinary equity holders of the parent entity by the weighted average number of ordinary shares outstanding during the year.

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Basic/Diluted earnings (losses) per share		
Profit (loss) attributable to ordinary equity holders of the		
Company (in thousands)	\$17,900,835	\$(9,993,205)
Weighted average number of ordinary shares outstanding		
for basic/diluted earnings per share (in thousands)	9,525,960	9,525,960
Basic/Diluted earnings (losses) per share	\$1.88	\$(1.05)

There have been no other transactions involving ordinary shares or potential ordinary shares between the reporting date and the date of completion of the financial statements.

(23) Subsidiaries that have material non-controlling interests

The Group does not have subsidiaries that have material non-controlling interests.

7. RELATED PARTY TRANSACTIONS

Information of the related parties that had transactions with the Group during the financial reporting period is as follows:

Name and nature of relationship of the related parties

Name of the related parties	Nature of relationship of the related parties
Formosa Plastics Corporation	Significant influence over the Company
Formosa Chemicals & Fibre Corporation	Significant influence over the Company
Nan Ya Plastics Corporation	Significant influence over the Company
Whalehome International Corp., Ltd.	Associate
Mai-Liao Power Corporation	Associate
Mailiao Harbor Administration Corporation	Associate
Formosa Marine Corporation	Associate
Simosa Oil Corporation	Associate
Formosa Environmental Technology Corporation	Associate
TMS Corp.	Associate
Formosa Group (Cayman) Limited	Associate
Formosa Resources Corporation	Associate
Nan Ya Photonics Incorporation	Associate
NKFG	Joint venture
Caltex Taiwan Corporation	Joint venture
Formosa Kraton Chemical Co., Ltd.	Joint venture
Idemitsu Formosa Specialty Chemicals Corporation	Joint venture
Formosa FCFC Carpet Corporation	Other
Formosa Chemicals Industries (Ningbo) Co., Ltd.	Other
Formosa Biomedical Technology Corp.	Other
Formosa BP Chemicals Corporation	Other
Formosa Taffeta Co., Ltd	Other
Hong Jing Resource Co., Ltd	Other
Nan Ya Printed Circuit Board Corporation	Other
Nan Chung Petrochemical Corp.	Other
Formosa Heavy Industries Corporation	Other
Hwa Ya Power Corporation	Other
National Petroleum Co., Ltd.	Other
Formosa Plastics Maritime Corporation	Other
Chang Gung Medical Foundation	Other
Simosa Shipping Co., Ltd.	Other
Formosa Ha Tinh (Cayman) Limited	Other

Significant transactions with the related parties

(1) Sales

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Entity with joint control or significant influence over the		
Company		
Formosa Chemicals & Fibre Corporation	\$33,106,245	\$26,714,011
Formosa Plastics Corporation	23,474,843	17,908,778
Nan Ya Plastics Corporation	10,556,919	8,425,673
Subtotal	67,138,007	53,048,462
Associate	1,067,861	1,587,739
Joint venture	733,624	1,670,607
Others	8,628,141	8,774,825
Total	\$77,567,633	\$65,081,633

The terms and conditions of sales (including prices) to related parties are similar to those with non-related parties. The credit term is 30 days from the day the related party confirms the sale.

(2) Purchase

For the three	For the three
months ended	months ended
March 31, 2021	March 31, 2020
NTD	NTD
\$8,452,934	\$6,386,475
23,979	-
10,487	850
198,056	179,339
\$8,685,456	\$6,566,664
	months ended March 31, 2021 NTD \$8,452,934 23,979 10,487 198,056

The Company and subsidiaries did not receive special discounts when purchasing from the related parties. Payment term is 30 days after receiving the goods.

(3) Notes receivable – related parties

Total

` ′	•			
			As of	
		March 31,	December 31,	March 31,
		2021	2020	2020
		NTD	NTD	NTD
	Others			
	National Petroleum Co., Ltd.	\$2,960,580	\$1,465,976	\$1,486,741
	Total	2,960,580	1,465,976	1,486,741
	Less: Loss allowance	-	-	-
	Net	\$2,960,580	\$1,465,976	\$1,486,741
	•			
(4)	Accounts receivable – related parties			
			A 6	
		Manah 21	As of	Manah 21
		March 31, 2021	December 31, 2020	March 31, 2020
		NTD	NTD	NTD
	Entity with joint control or significant	NID	NID	NID
	influence over the Company			
	Formosa Chemicals & Fibre Corporation	\$10,817,597	\$8,902,181	\$7,602,407
	Formosa Plastics Corporation	9,480,043	7,302,521	5,263,180
	Nan Ya Plastics Corporation	4,162,251	3,258,578	2,600,204
	Subtotal	24,459,891	19,463,280	15,465,791
	Associate	271,996	180,353	415,151
	Joint venture	300,627	197,717	283,162
	Others	3,538,453	2,560,086	2,418,020
	Total	28,570,967	22,401,436	18,582,124
	Less: Loss allowance			
	Net	\$28,570,967	\$22,401,436	\$18,582,124
(5)	Accounts payable – related parties			
			As of	
	•	March 31,	December 31,	March 31,
		2021	2020	2020
		NTD	NTD	NTD
	Entity with joint control or significant influence over the Company			
	Formosa Chemicals & Fibre Corporation	\$2,728,779	\$1,684,297	\$1,159,181
	Others	817,082	488,421	387,265
	Subtotal	3,545,861	2,172,718	1,546,446
	Associate	49,962	10,079	82,193
	Joint venture	4,364	4,464	3,625
	Others	73,870	61,303	51,620
	·			

\$3,674,057

\$2,248,564

\$1,683,884

(6) Transaction of property, plant and equipment

Commissioned construction

The Company commissioned the following related parties to construct items of property, plant and equipment:

		For the three	For the three
		months ended	months ended
		March 31, 2021	March 31, 2020
	Items	NTD	NTD
Entity with joint control or significant influence	Maintenance		
over the Company		\$14,226	\$36,811
Entity with joint control or significant influence	Expansion of		
over the Company	facilities	48,356	15,669
Others	Maintenance	144,055	67,149
Others	Expansion of		
	facilities	6,130	122,767
Total		\$212,767	\$242,396

The Company followed the general procedures to commission Formosa Heavy Industries Corporation and Nan Ya Plastics Corporation to expand its facilities and the maintenance of them. The payment period is one month after the acceptance of the construction work.

(7) Financing

Other receivables – due from affiliates

	As of	
March 31, December 31,		March 31,
2021	2020	2020
NTD	NTD	NTD
\$-	\$100	\$200,000
3,810,000	3,810,000	3,970,000
\$3,810,000	\$3,810,100	\$4,170,000
	2021 NTD \$- 3,810,000	March 31, December 31, 2021 2020 NTD NTD \$- \$100 3,810,000 3,810,000

The lending of funds condition to the associates was charged in accordance with the contract schedule after loan received. For the three months ended March 31, 2021 and 2020, interest income from related parties were NT\$11,553 thousand and NT\$13,268 thousand, respectively. And interest charged at the rate of 1.230% and 1.417%~1.418%, respectively.

(8) Other receivables, other payables

Receivables from/payables to related parties (bear no interest) are as follows:

A. Other receivables – sale of raw materials, etc.

	As of					
	March 31, 2021		December 31, 2020		March 31, 2020	
	Amount		Amount	Amount	Amount	0/
	NTD	%	NTD	%	NTD	%
Entity with joint control or						
significant influence over the						
Company	\$59,317	0.51	\$5,987	0.05	\$46,338	0.29
Associate	73,695	0.64	12,084	0.11	17,023	0.11
Joint venture	12,220	0.11	4,664	0.04	17,985	0.11
Others	4,969	0.04	52,113	0.46	3,883	0.03
Total	\$150,201	1.30	\$74,848	0.66	\$85,229	0.54

They are payments received from selling raw material. The payment term is within 30 days following confirmation with the counterparty.

B. Other payables

		As of				
	March 31,	March 31, 2021 December 31,		1, 2020	March 31,	2020
	Amount	%	Amount	%	Amount	%
	NTD	<i>7</i> 0	NTD	70	NTD	70
Associate	\$12,478	0.08	\$8,562	0.06	\$30,501	0.19
Others	259,441	1.69	233,026	1.48	256,645	1.65
Total	\$271,919	1.77	\$241,588	1.54	\$287,146	1.84

Other payables are purchases of raw material for construction. The payment term is within 30 days after inspection and approval of accepting the materials.

(9) Lease

A. Group as a lessee

(a) Right-of-use assets

The carrying amount of right-of-use asset

		As of	
	March 31,	December 31,	March 31,
	2021	2020	2020
	NTD	NTD	NTD
Entity with joint control or significant			_
influence over the Company	\$5,386	\$750	\$3,031
Associate	176,915	187,833	220,586
Other	2,597,581	2,703,012	3,210,892
Total	\$2,779,882	\$2,891,595	\$3,434,509

(b) Lease liabilities

		As of	
	March 31,	December 31,	March 31,
	2021	2020	2020
	NTD	NTD	NTD
Entity with joint control or significant			_
influence over the Company	\$5,401	\$763	\$3,063
Associate	180,595	191,301	223,120
Other	2,807,868	2,912,734	3,435,731
Total	\$2,993,864	\$3,104,798	\$3,661,914
Current	\$487,936	\$482,326	\$503,214
Non-current	\$2,505,928	\$2,622,472	\$3,158,700

(c) Interest for lease liabilities

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Entity with joint control or significant influence		
over the Company	\$7	\$15
Associate	875	1,073
Other	15,321	18,711
Total	\$16,203	\$19,799

(d) The expense relating to short-term leases

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Entity with joint control or significant influence over		
the Company	\$13,588	\$13,588

B. Group as a lessor

(a) The revenue relating to short-term leases

The Group derived the following rental income from leasing oil storage facilities and land to related parties:

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Entity with joint control or significant influence		
over the Company	\$39,797	\$42,080
Associate	4,285	4,097
Joint venture	8,121	8,121
Other	8,253	8,253
Total	\$60,456	\$62,551

(b) The income relating to finance leases

The Group derived the following rental income from leasing automated storage and retrieval systems to related parties:

For the three months		For the three months	
	ended March 31,	ended March 31,	
	2021	2020	
	NTD	NTD	
	\$1,070	\$1,137	

Joint venture

(10) Other related party transactions

A. Use of labor

The details of use of the related parties' labor force are as follows:

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
Items	NTD	NTD
Harbor Labor force	\$342,303	\$434,443
Refuel, Labor force	10,367	13,030
Labor force	385	554
	\$353,055	\$448,027
	Harbor Labor force Refuel, Labor force	Items March 31, 2021 Harbor Labor force \$342,303 Refuel, Labor force 10,367 Labor force 385

The payments include harbor usage, towage, and fuel delivery. The payment is mutually agreed to be made one month after the monthly closing.

B.Notes endorsements and guarantees

	As of		
	March 31,	December 31,	March 31,
	2021	2020	2020
	NTD	NTD	NTD
Associate	\$10,199,833	\$10,191,610	\$10,815,805
Joint venture	494,000	741,000	988,000
Others	16,895,419	18,967,581	20,855,583
Total	\$27,589,252	\$29,900,191	\$32,659,388

(11) Key management personnel compensation

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Short-term employee benefits	\$18,374	\$21,916

8. PLEDGED ASSETS

The following assets were pledged to banks as collaterals for bank loans:

		As of		
		March 31,	December 31,	March 31,
		2021	2020	2020
Pledged Assets	Contents	NTD	NTD	NTD
Financial assets at fair				
value through other				
comprehensive	Stock of Nan Ya			
income – current	Plastics Corporation	\$-	\$-	\$4,348,650
Other current assets	Certificates of time			
	deposit	222,179	222,133	226,464
Total		\$222,179	\$222,133	\$4,575,114

9. SIGNIFICANT COMMITMENTS AND CONTINGENT LIABILITIES

As of March 31, 2021, the Group's commitments and contingent liabilities were as follows:

- (1) Finance lease commitments: Simosa Shipping Co. Ltd. leased vessel and equipment to the Group. The lease term is from January 2012 to December 2026 at US\$33,500 per day. When the lease expires, the ownership of the shipping equipment will transfer to the Group.
- (2) Guarantee notes received from counterparties as collateral for payment, construction completion commitment and others for operational needs were NT\$236,006 thousand.
- (3) Guarantee notes issued for borrowings (financing) were NT\$151,071,615 thousand.
- (4) The unutilized portion of letters of credit issued by banks for importing raw materials was NT\$2,128,505 thousand.
- (5) Due to the funding demand of the investments in Formosa Ha Tinh Steel Corporation, Formosa Group (Cayman) limited, an investee of the Group, issues US\$1 billion 10 years corporate bonds in April 14, 2015. The Group provides a guarantee of payment obligation with 25% of the bonds.

- (6) The Group invested in Formosa Ha Tinh (Cayman) Limited with an equity interest of 11.432%. Due to the funding demand of Formosa Ha Tinh (Cayman) Limited's investee Formosa Ha Tinh Steel Corporation, Formosa Ha Tinh (Cayman) Limited applied for a 5-year syndicated credit line led by Sumitomo Mitsui Banking Corporation. Also, to cover the capital expenditure of investing in Formosa Ha Tinh (Cayman) Limited and repay the loans for Formosa Ha Tinh (Cayman) Limited, the Group applied for a 7-year syndicated credit line led by Hua Nan Bank, a 5-year syndicated credit line led by MUFG Bank and a 7-year syndicated credit line led by Bank of Taiwan. To support the above credit line, the Group provides loan guarantee according to equity interest. In addition, Formosa Ha Tinh (Cayman) Limited applied for a 5-year credit line from Bank of China (Hong-Kong) where the Group provides loan guarantee according to equity interest.
- (7) To expand the investment in mineral resources and increase the level of working capital, the Group through its joint venture, Formosa Resources Corporation applied a credit line of amount US\$430 million led by Crédit Agricole Corporate & Investment Bank. To support the above credit line, the Group provides loan guarantee according to equity interest.
- (8) Idemitsu Formosa Specialty Chemicals Corp., a joint venture of the Group, borrowed NT\$3.3 billion from Sumitomo Mitsui Banking Corporation and Mizuho Bank, Ltd.. To secure the rights of its shareholders, the Company is required to issue a letter of support to ensure the borrower has fulfilled its obligation for repayment.
- (9) Formosa Ha Tinh (Cayman) Limited and Formosa Ha Tinh Steel Corporation, the investee of the Group, borrowed credit line of US\$1.485 billion and credit line of US\$1.4375 billion from different banks. To secure the rights of its shareholders, the Company is required to issue a commitment letter to ensure the borrower has fulfilled its obligation for repayment.
- (10) Formosa Kraton Chemical Co., Ltd. a joint venture of the Group, borrowed NT\$494 million from Taiwan Cooperative Bank. To support the above credit line, the Group provides loan guarantee according to equity interest.

10. SIGNIFICANT DISASTER LOSSES

None.

11. SIGNIFICANT SUBSEQUENT EVENTS

- (1) Formosa Ha Tinh (Cayman) Limited, the investee of the Group, applied for US\$315 million credit line in total with several banks and applied for a US\$165 million credit line together with Formosa Ha Tinh Steel Corporation. The Company and the other investors intends to issue a Letter of support.
- (2) Formosa Resources Corporation, the investee of the Group, plans to apply for a US\$430 million 5-year syndicated credit line to repay an old debt. The Company and the other investors intends to issue a Letter of support.
- (3) Formosa Resources Corporation, the investee of the Group, plans to apply for a US\$550 million 3-year syndicated credit line for supporting its 100% subsidiary, Formosa Resources Australia Pty Ltd, expanding the investment in mineral resources and increase the level of working capital. The Company and the other investors intends to issue a Letter of support.

12.OTHERS

(1) Categories of financial instruments

		As of	
	March 31,	December 31,	March 31,
Financial Assets	2021	2020	2020
	NTD	NTD	NTD
Financial assets at fair value through profit			
or loss:			
Mandatorily measured at fair value			
through profit or loss	\$3,897,807	\$3,888,511	\$4,085,858
Financial assets at fair value through other			
comprehensive income	82,194,685	76,689,827	56,082,253
Financial assets at amortized cost			
Cash and cash equivalents			
(excluding cash on hand)	50,813,472	42,960,795	34,309,898
Notes and accounts receivable, net			
(including related party)	40,433,133	35,418,660	31,367,439
Finance lease receivables	3,019,734	3,087,732	3,488,941
Other receivables	11,575,207	11,341,808	15,735,441
Subtotal	105,841,546	92,808,995	84,901,719
Financial assets for hedging	245,890	165,093	46,251
Total	\$192,179,928	\$173,552,426	\$145,116,081
		As of	
	March 31,	December 31,	March 31,
Financial Liabilities	2021	2020	2020
	NTD	NTD	NTD
Financial liabilities at amortized cost:			
Short-term borrowings	\$33,894	\$271,781	\$555,028
Notes and accounts payable	16,687,353	10,691,253	
(including related party)			11,683,994
Bonds payable (including current portion)	29,200,000	29,200,000	16,900,000
Lease liabilities	6,138,444	6,192,868	6,976,686
Subtotal	52,059,691	46,355,902	36,115,708
Financial liabilities for hedging			33,537
Total	\$52,059,691	\$46,355,902	\$36,149,245

(2) Financial risk management objectives and policies

The Group's principal financial risk management objective is to manage the market risk, credit risk and liquidity risk related to its operating activates. The Group identifies measures and manages the aforementioned risks based on the Group's policy and risk appetite.

The Group has established appropriate policies, procedures and internal controls for financial risk management. Before entering into significant transactions, due approval process by audit committee and the Company's board of directors must be carried out based on related protocols and internal control procedures. The Group complies with its financial risk management policies at all times.

(3) Market risk

Market risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of the changes in market prices. Market prices comprise currency risk, interest rate risk and other price risk (such as equity risk).

In practice, it is rarely the case that a single risk variable will change independently from other risk variable, there are usually interdependencies between risk variables. However, the sensitivity analysis disclosed below does not consider the interdependencies between risk variables.

Foreign currency risk

The Group's exposure to the risk of changes in foreign exchange rates relates primarily to the Group's operating activities (when revenue or expense are denominated in a different currency from the Group's functional currency) and the Group's net investments in foreign subsidiaries.

To avoid the risk of foreign currency assets impairment and future cash flow changes, the Company uses forward contracts and foreign currency loans to hedge the foreign currency risk. However, the abovementioned method can reduce the risk arise from changes of foreign currency exchange rate, it cannot completely eliminate the risk.

The Group has certain foreign currency receivables to be denominated in the same foreign currency with certain foreign currency payables, therefore natural hedge is received. Hedge accounting is not applied as they did not qualify for hedge accounting criteria. Furthermore, as net investments in foreign subsidiaries are for strategic purposes, they are not hedged by the Group.

The foreign currency sensitivity analysis of the possible change in foreign exchange rates on the Group's profit is performed on significant monetary items denominated in foreign currencies as at the end of the reporting period. The Group's foreign currency risk is mainly related to the volatility in the exchange rates for a foreign currency: US dollars. The information of the sensitivity analysis is as follows:

When NTD appreciate/depreciate against US dollars by NT\$1, the profit decreased/increased by NT\$(61,447) thousand and NT\$245,897 thousand for the three months ended March 31, 2021 and 2020, respectively.

Interest rate risk

Interest rate risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Group's exposure to the risk of changes in market interest rates relates primarily to the Group's investments at variable interest rates, bank borrowings with fixed interest rates and variable interest rates.

The Group manages its interest rate risk by having a balanced portfolio of fixed and variable loans and borrowings and entering into interest rate swaps. Hedge accounting does not apply to these swaps as they do not qualify for it.

The interest rate sensitivity analysis is performed on items exposed to interest rate risk as at the end of the reporting period, including investments and borrowings with variable interest rates and interest rate swaps. At the reporting date, a change of 25 basis points of interest rate in a reporting period could cause the profit to decrease/increase by NT\$0 thousand and NT\$177 thousand for the three months ended March 31, 2021 and 2020, respectively.

Equity price risk

The Group's listed and unlisted equity securities are susceptible to market price risk arising from uncertainties about future values of the investment securities. The Group's listed equity securities are classified under held for trading financial assets or available-for-sale financial assets, while unlisted equity securities are classified as available-for-sale. The Group manages the equity price risk through diversification and placing limits on individual and total equity instruments. Reports on the equity portfolio are submitted to the Group's senior management on a regular basis. The Group's board of directors reviews and approves all equity investment decisions.

The Group did not hold any listed and OTC equity securities measured at fair value through profit or loss.

When the price of the listed equity securities at fair value through other comprehensive income increases/ decreases 1%, it could have impacts of NT\$659,702 thousand and NT\$419,194 thousand on the equity attributable to the Group for the three months ended March 31, 2021 and 2020, respectively.

(4) Credit risk management

Credit risk is the risk that a counterparty will not meet its obligations under a contract, leading to a financial loss. The Group is exposed to credit risk from operating activities (primarily for accounts receivables and notes receivables) and from its financing activities, including bank deposits and other financial instruments.

Customer credit risk is managed by each business unit subject to the Group's established policy, procedures and control relating to credit risk management. Credit limits are established for all counter parties based on their financial position, rating from credit rating agencies, historical experience, prevailing economic condition and the Group's internal rating criteria etc. Certain counter parties' credit risk will also be managed by taking credit enhancing procedures, such as requesting for prepayment or insurance.

As of March 31, 2021, December 31, 2020 and March 31, 2020, accounts receivable from top ten customers represented 75.37%, 77.27% and 74.15% of the total accounts receivable of the Group, respectively. The credit concentration risk of other accounts receivable is insignificant.

Credit risk from balances with banks, fixed income securities and other financial instruments is managed by the Group's treasury in accordance with the Group's policy. The Group only transacts with counterparties approved by the internal control procedures, which are banks and financial institutions, companies and government entities with good credit rating. Consequently, there is no significant credit risk for these counterparties.

The Group did not hold any debt instrument investments which were measured at fair value through profit or loss for the three months ended March 31, 2021.

(5) Liquidity risk management

The Group's objective is to maintain a balance between continuity of funding and flexibility through the use of cash and cash equivalents, highly liquid equity investments, bank borrowings, convertible bonds and finance leases. The table below summarizes the maturity profile of the Group's financial liabilities based on the contractual undiscounted payments and contractual maturity. The payment amount includes the contractual interest. The undiscounted payment relating to borrowings with variable interest rates is extrapolated based on the estimated interest rate yield curve as of the end of the reporting period.

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Non-derivative financial instruments

	Less than 1 year	1 to 2 years	2 to 3 years	3 to 4 years	4 to 5 years	> 5 years	Total
March 31, 2021							
Borrowings	\$34,165	\$-	\$-	\$-	\$-	\$-	\$34,165
Accounts payable	16,687,353	-	-	-	-	-	16,687,353
Bonds payable	-	-	3,377,805	5,696,895	5,293,575	15,074,085	29,442,360
Lease liabilities	1,207,685	1,170,313	1,101,411	959,767	737,563	1,456,249	6,632,988
December 31, 2020							
Borrowings	\$274,716	\$-	\$-	\$-	\$-	\$-	\$274,716
Accounts payable	10,691,253	-	-	-	-	-	10,691,253
Bonds payable	-	-	3,382,495	5,704,805	5,300,925	15,095,015	29,483,240
Lease liabilities	1,126,775	1,096,082	1,046,290	934,253	865,934	1,617,950	6,687,284
March 31, 2020							
Borrowings	\$561,245	\$-	\$-	\$-	\$-	\$-	\$561,245
Accounts payable	11,683,994	-	-	-	-	-	11,683,994
Bonds payable	2,224,420	-	-	3,387,185	3,387,185	8,088,800	17,087,590
Lease liabilities	1,185,348	1,135,035	1,106,243	1,041,005	932,454	2,160,243	7,560,328

Derivative financial instruments

	Less than 1 year	2 to 3 years	4 to 5 years	> 5 years	Total
March 31, 2021					
Inflows	\$235,811	\$10,079	\$-	\$-	\$245,890
Outflows					
Net	\$235,811	\$10,079	\$-	\$-	\$245,890
December 31, 2020					
Inflows	\$165,093	\$-	\$-	\$-	\$165,093
Outflows					
Net	\$165,093	\$-	\$-	\$-	\$165,093
March 31, 2020					
Inflows	\$35,428	\$10,823	\$-	\$-	\$46,251
Outflows	(19,174)	(14,363)	<u> </u>		(33,537)
Net	\$16,254	\$(3,540)	\$-	\$-	\$12,714

The table above contains the undiscounted net cash flows of derivative financial instruments.

(6) Reconciliations of the liabilities from financing activities

Reconciliations of the liabilities for the three months ended March 31, 2021:

					Increase	
			Bonds payable	Lease	(decrease) in	
		Other payables	(including	liabilities	other non-	Total liabilities
	Short-term	to related	current	(current and	current	from financing
	loans	parties	portion)	non-current)	liabilities	activities
2021.1.1	\$271,781	\$241,588	\$29,200,000	\$6,192,868	\$179,830	\$36,086,067
Cash flows	(237,887)	30,331	-	(355,688)	(8,441)	(571,685)
Non-cash changes	-	-	-	299,436	-	299,436
Exchange rate changes	-			1,828	-	1,828
2021.3.31	\$33,894	\$271,919	\$29,200,000	\$6,138,444	\$171,389	\$35,815,646

Reconciliations of the liabilities for the three months ended March 31, 2020:

					Increase	
			Bonds payable	Lease	(decrease) in	
		Other payables	(including	liabilities	other non-	Total liabilities
	Short-term	to related	current	(current and	current	from financing
	loans	parties	portion)	non-current)	liabilities	activities
2020.1.1	\$307,387	\$267,347	\$17,900,000	\$7,165,101	\$1,364,129	\$27,003,964
Cash flows	247,641	19,799	(1,000,000)	(355,426)	33,123	(1,054,863)
Non-cash changes	-	-	-	150,012	-	150,012
Exchange rate changes				16,999		16,999
2020.3.31	\$555,028	\$287,146	\$16,900,000	\$6,976,686	\$1,397,252	\$26,116,112

(7) Fair values of financial instruments

A. The methods and assumptions applied in determining the fair value of financial instruments:

The fair value of the financial assets and liabilities are included at the amount at which the instrument could be exchanged in a current transaction between willing parties, other than in a forced or liquidation sale. The following methods and assumptions were used to estimate the fair values:

(a) The carrying amount of cash and cash equivalents, accounts receivables, accounts payable and other current liabilities approximate their fair value because of its shorter maturities.

- (b) For financial assets and liabilities traded in an active market with standard terms and conditions, their fair value is determined based on market quotation price (including listed equity securities, beneficiary certificates, bonds and futures etc.) at the reporting date.
- (c) Fair value of equity instruments without market quotations (including private placement of listed equity securities and unquoted public company) are estimated using the market method valuation techniques based on parameters such as prices based on market transactions of equity instruments of identical or comparable entities and other relevant information (for example, inputs such as discount for lack of marketability, P/E ratio of similar entities and Price-Book ratio of similar entities).
- (d) The fair value of bank loans, corporate bonds and lease liabilities is determined by the counterparty's quotation or valuation technique. The valuation technique is discounted cash flow analysis with interest and discount rate selected with reference to those of similar financial instruments (E.g. the yield curve reference of Taipei Exchange, average prices for Fixed Rate Commercial Paper published by Reuters and credit risk, etc.)
- (e) The fair value of derivative financial instrument is based on market quotations.

B. Fair value of financial instruments measured at amortized cost

The carrying amount of the Group's financial assets (including held-to-maturity financial assets, loans and receivables) and liabilities (including loan, bonds payable, lease liabilities) measured at amortized cost approximate their fair value.

C. Information about financial instrument fair value level

For the information of fair value hierarchy financial level value please refer to related Note 12(9).

(8) Derivatives financial instruments the Group holds for trading are mainly energy commodity contracts. Please refer to Note 6(4) for related information.

(9) Fair value hierarchy

A. Definition

For the assets and liabilities measured and disclosed under fair value, the fair value hierarchy is categorized on the basis of the lowest level input that is significant to the fair value measurement in its entirety. The inputs of each level are as follows:

- Level 1: quoted (unadjusted) prices in active markets for identical assets or liabilities that the entity can access at the measurement date.
- Level 2: inputs other than quoted market prices included within level 1 that are observable for the asset or liability, either directly or indirectly.
- Level 3: unobservable inputs for the asset or liabilities.

At the end of each reporting period, the fair value hierarchy for each financial instrument is revaluated to decide if there is any transfer into or out of any hierarchy.

B. The fair value at each fair value hierarchy for financial instruments of the Group are as follows:

March 31, 2021				
	Level 1	Level 2	Level 3	Total
Financial assets:				
Financial assets at fair value through				
profit or loss				
Funds	\$-	\$3,897,807	\$-	\$3,897,807
Financial assets at fair value through other comprehensive income				
Investments in equity instruments				
measured at fair value through other comprehensive income	65,970,197	-	16,224,488	82,194,685
Financial assets for hedging				
Energy commodity swap contracts	245,890	-	-	245,890
December 31, 2020				
	Level 1	Level 2	Level 3	Total
Financial assets:				
Financial assets at fair value through profit or loss				
Funds	\$-	\$3,888,511	\$-	\$3,888,511
Financial assets at fair value through other				
comprehensive income				
Investments in equity instruments				
measured at fair value through other				
comprehensive income	61,996,861	-	14,692,966	76,689,827
Financial assets for hedging				
Energy commodity swap contracts	165,093	-	-	165,093

March 31, 2020

	Level 1	Level 2	Level 3	Total
Financial assets:				
Financial assets at fair value through				
profit or loss				
Funds	\$-	\$4,085,858	\$-	\$4,085,858
Financial assets at fair value through other				
comprehensive income				
Investments in equity instruments				
measured at fair value through other				
comprehensive income	41,919,443	-	14,162,810	56,082,253
Financial assets for hedging				
Energy commodity swap contracts	46,251	-	-	46,251
Financial liabilities:				
Financial liabilities for hedging				
Energy commodity swap contracts	\$33,537	\$-	\$-	\$33,537

Fair value hierarchy transfer between level 1 input and level 2 input

The group had no recurring assets and liabilities transfer between level 1 input and level 2 input for the three months ended March 31, 2021 and 2020.

Movements of fair value measurements in Level 3 of the fair value hierarchy

Reconciliation for fair value measurements in Level 3 of the fair value hierarchy for movements during the period is as follows:

	Asset
	At fair value
	through other
	comprehensive
	income
	Stocks
2021.1.1	\$14,692,966
Acquisition	1,065
Amount recognized in OCI (presented in "Unrealized gains (losses) from	
equity instruments investments measured at fair value through other	
comprehensive income)	1,530,411
Effects of exchange rates	46
2021.3.31	\$16,224,488

	Asset
	At fair value
	through other
	comprehensive
	income
	Stocks
2020.1.1	\$16,633,662
Amount recognized in OCI (presented in "Unrealized gains (losses) from	
equity instruments investments measured at fair value through other	
comprehensive income)	(2,526,014)
Effects of exchange rates	55,162
2020.3.31	\$14,162,810

Information on significant unobservable inputs to valuation

Description of significant unobservable inputs to valuation of recurring fair value measurements categorized within Level 3 of the fair value hierarchy is as follows:

As at March 31, 2021:

	Valuation technique	Material unobservable inputs	Quantitative information	Inputs and the fair value relationship	Inputs and the fair value relationship's sensitivity analysis value relationship
Financial assets:					
Financial assets at fair value through other comprehensive income					
Stocks	Market approach	Discount for lack of marketability	20%~21.50%	The higher the discount for lack of marketability, the lower the fair value of the stocks	10% increase (decrease) in the discount for lack of marketability would result in decrease/increase in the Group's equity by NT\$2,006,132 thousand
Stocks	Assets approach	Discount for lack of marketability	20%	The higher the discount for lack of marketability, the lower the fair value of the stocks	10% increase (decrease) in the discount for lack of marketability would result in decrease/increase in the Group's equity by NT\$48,245 thousand

As at December 31, 2020:

	Valuation technique	Material unobservable inputs	Quantitative information	Inputs and the fair value relationship	Inputs and the fair value relationship's sensitivity analysis value relationship
Financial assets:					
Financial assets at fair value through other comprehensive income					
Stocks	Market approach	Discount for lack of marketability	20%~20.90%	The higher the discount for lack of marketability, the lower the fair value of the stocks	10% increase (decrease) in the discount for lack of marketability would result in decrease/ increase in the Group's equity by NT\$1,804,603 thousand
Stocks	Assets approach	Discount for lack of marketability	20%	The higher the discount for lack of marketability, the lower the fair value of the stocks	10% increase (decrease) in the discount for lack of marketability would result in decrease/ increase in the Group's equity by NT\$45,382 thousand

As at March 31, 2020:

		Material			Inputs and
	Valuation	unobservable	Quantitative	Inputs and	the fair value relationship's
	technique	inputs	information	the fair value relationship	sensitivity analysis value relationship
Financial assets:					
Financial assets at fair					
value through other					
comprehensive income					
Stocks	Market	Discount for lack	8.42%~20%	The higher the discount for	10% increase (decrease) in the discount
	approach	of marketability		lack of marketability, the	for lack of marketability would result in
				lower the fair value of the	decrease/increase in the Group's equity
				stocks	by NT\$1,549,455 thousand
Stocks	Assets approach	Discount for lack	20%	The higher the discount for	10% increase (decrease) in the discount
		of marketability		lack of marketability, the	for lack of marketability would result in
				lower the fair value of the	decrease/increase in the Group's equity
				stocks	by NT\$37,746 thousand

<u>Valuation process used for fair value measurements categorized within Level 3 of the fair value hierarchy</u>

The Group's accounting department is responsible for validating the fair value measurements and ensuring that the results of the valuation are in line with market conditions, based on independent and reliable inputs which are consistent with other information, and represent exercisable prices. The Department analyses the movements in the values of assets and liabilities which are required to be re-measured or re-assessed as per the Group's accounting policies at each reporting date.

C. Not measure by the fair value but have to disclose by the fair value hierarchy information

March 31, 2021

	Level 1	Level 2	Level 3	Total
Only disclose fair value of assets:				
Investment property				
(please refer to note 6(10))	\$-	\$-	\$392,331	\$392,331
December 31, 2020				
	Level 1	Level 2	Level 3	Total
Only disclose fair value of assets:				
Investment property				
(please refer to Note 6(10))	\$-	\$-	\$365,564	\$365,564

March 31, 2020

	Level 1	Level 2	Level 3	Total
Only disclose fair value of assets:				
Investment property				
(please refer to note $6(10)$)	\$-	\$-	\$365,564	\$365,564

(10) Significant assets and liabilities denominated in foreign currencies

Information regarding the significant assets and liabilities denominated in foreign currencies is listed below:

	N	Iarch 31, 202	21	De	cember 31, 2	2020	M	arch 31, 202	.0
	Foreign	Exchange		Foreign	Exchange		Foreign	Exchange	
	currency	rate	NTD	currency	rate	NTD	currency	rate	NTD
Financial assets									
Monetary items:									
USD	\$303,986	28.531	\$8,673,025	\$429,124	28.508	\$12,233,467	\$541,438	30.254	\$16,380,665
EUR	31,785	33.385	1,061,142	105	34.560	3,629	35	33.449	1,171
YEN	21,216	0.258	5,474	9,643	0.272	2,627	11,335	0.281	3,185
Long-term equity									
Investments – equity									
method									
USD	\$97,443	28.531	\$2,780,146	\$98,647	28.508	\$2,812,235	\$94,131	30.254	\$2,847,839
Financial liabilities									
Monetary items:									
USD	\$365,433	28.531	\$10,426,169	\$282,558	28.508	\$8,055,163	\$295,541	30.254	\$8,941,297
EUR	49,456	33.385	1,651,089	181	34.560	6,255	26,348	33.449	881,314
YEN	134,019	0.258	34,577	79,007	0.272	21,490	175,620	0.281	49,349

The above information is disclosed based on book value transferred to functional currency.

The foreign exchange gains (losses) that was material and recognized are NT\$764,407 thousand and NT\$317,528 thousand for the three months ended March 31, 2021 and 2020, respectively.

(11) Capital management

The primary objective of the Group's capital management is to ensure that it maintains a strong credit rating and healthy capital ratios in order to support its business and maximize shareholder value. The Group manages its capital structure and makes adjustments to it, in light of changes in economic conditions. To maintain or adjust the capital structure, the Group may adjust dividend payment to shareholders, return capital to shareholders or issue new shares.

13. OTHER DISCLOSURE

(1) Significant transaction information

A. Financings provided to others

	ı	1	1					1	ı	ı	1			1	ı
					Maximum							Colla	ateral	4	
					Balance for the	Ending								Limit of Financing	
			Financial		Period	Balance								Amount for	Financial Amount
			Statement		(Approved by	(Approved by	Amount			Reason for				Individual	for Financing
No.	Financing		Account	Related	the Board)	the Board)	Actually	Interest	Financing	Financing	Loss			Counterparty	Company
(Note 1)	Company	Counterparty	(Note 2)	Party	(Note 3)	(Note 8)	Drawn	Rate%	(Note 4)	(Note 6)	allowance	Item	Value	(Note 7)	(Note 7)
0	The	Formosa	Other	Yes	\$4,500,000	\$4,500,000	\$-	-	(2)	Need for	N/A	N/A	N/A	Financing to	Financing to others is
	Company	Plastics	receivables							operating				individual entity is	limited to 50% of the
		Corporation	from related											limited to 10% of the	Company's net asset
			parties											Company's net asset	165,938,842 thousand;
0	The	Nan Ya	Other	Yes	4,500,000	4,500,000	-	-	(2)	Need for	N/A	N/A	N/A	33,187,768 thousand;	financing to
	Company	Plastics	receivables							operating				financing to related	nonbusiness but in
		Corporation	from related											party and party with	need for capital is
			parties											business transaction	limited to 40% of the
0	The	Formosa	Other	Yes	4,500,000	4,500,000	-	-	(2)	Need for	N/A	N/A	N/A	is limited to 25% of	Company's net asset
	Company	Chemicals &	receivables							operating				the Company's net	132,751,074 thousand.
		Fibre	from related											asset 82,969,421	
		Corporation	parties											thousand; financing	
0	The	Formosa	Other	No	4,449,186	4,433,926	3,893,926	1.23~	(2)	Need for	N/A	N/A	N/A	to others is limited	
	Company	Plastics	receivables					1.23		operating				to 20% of the	
		Marine	from related											Company's net asset	
		Corporation	parties											66,375,537 thousand.	
0	The	Formosa	Other	No	1,856,493	1,856,493	1,466,493	1.23~	(2)	Need for	N/A	N/A	N/A		
	Company	Group Ocean	receivables					1.23		operating					
		Investment	from related												
		Corporation	parties												
0	The	Formosa	Other	Yes	8,910,000	8,910,000	3,810,000	1.23~	(2)	Need for	N/A	N/A	N/A		
	Company		receivables		-,,	.,,	-,,	1.23		operating					
		Industries	from related							1 3					
		Corporation	parties												
0	The	Formosa Oil	Other	Yes	500,000	500,000	_		(2)	Need for	N/A	N/A	N/A	1	
Ů	1	(Asia Pacific)	receivables	100	200,000	200,000			(2)	operating	1,1,1				
	Jompuny	Corporation	from related							operating.					
		(Note 9)	parties												
0	The	Formosa	Other	Yes	250,000	250,000			(2)	Need for	N/A	N/A	N/A	1	
U		Petrochemical		168	250,000	230,000	-		(2)	operating	18/24	11/74	1N/PA		
	Company	Transportation								operating					
		Corporation	parties												
		(Note 9)	parties												
		(11016 9)			TP 1	\$20.450.410	¢0 170 410							1	
	l		l		Total	\$29,450,419	\$9,170,419	İ						l	

- Note 1: The Company and its subsidiaries are coded as follows:
 - (1) The Company is coded "0".
 - (2) The subsidiaries are coded starting from "1" in the order.
- Note 2: Total amount of the financing is disclosed herein if the financing related to business transactions.
- Note 3: Maximum financing balance provided to others for the period.
- Note 4: Nature of financing is coded as follows:
 - (1) The financing occurred due to business transactions is coded "1".
 - (2) The financing occurred due to short-term financing is coded "2".
- Note 5: Total amount of the business transactions between financing company and counterparty should be disclosed herein if the financing occurred due to business transactions.
- Note 6: The necessity and rationality of the loan application should be specifically illustrated herein if the financing occurred due to short-term financing.

- Note 7: The limits and the calculation methods of financing amount for individual counterparty and total financing amount for financing company are disclosed in accordance with company's operating procedure of financing.
- Note 8: According to Paragraph 1, Article 14 of Guidelines for Lending of Capital, Endorsements and Guarantees by Public Companies, each financing should be approved by the board of directors. To fairly expose the company's risk, even if the fund doesn't be utilized, the financing amount approved by the board of directors still includes in the financing balance. To reflect the adjustment of the company's risk, while the counterparty repays the fund, it should disclose the balance after the repayment. Although the chairman is authorized to handle the financing in installment or revolver under the specific amount approved by the board of directors within one year, according to Paragraph 2, Article 14 of Guidelines for Lending of Capital, Endorsements and Guarantees by Public Companies, it still uses the financing amount approved by the board of directors as the reporting balance. While the counterparty repays the fund, considering the possibility of another utilization, it still uses the financing amount approved by the board of directors as the reporting balance.
- Note 9: All transactions listed above are eliminated in the consolidated financial statements.

B. Endorsement/guarantee provided to others

		Receivi	ng Party									Subsidiaries	
				Limit of the							Parent Company		
				Endorsement /	Maximum		Actual			Limit on the	Endorsed /	Guaranteed for	Endorsement or
				Guarantee Amount	Balance	Ending	Amount			Endorsement/Guarantee	Guaranteed for	the Parent	Guarantee for
No.	Endorser/	Company	Relationship	for Receiving Party	for the Period	Balance	Borrowed	Amount of		Amount	the Subsidiaries	Company	Entities in China
(Note1)	Guarantor	Name	(Note2)	(Note3)	(Note4)	(Note5)	(Note6)	Collateral	Percentage	(Note3)	(Note7)	(Note7)	(Note7)
0	The	FPCC USA,	(2)	\$215,720,495	\$285,310	\$285,310	\$285,310	N/A	0.09	The Company may	Y	N	N
	Company	INC.								provide			
										endorsement/guarantee to			
										others but shall not			
										exceed 130% of its net			
										assets. The limit is			
										431,440,989 thousand.			
										For endorsement/			
										guarantee to individual			
										entity, the amount is			
										limited to 50% of the			
		_		24.5.520.405	10.1.000	40.4.000	40.4.000	27/1		limit.	.,		
0	-	Formosa	(6)	215,720,495	494,000	494,000	494,000	N/A	0.15	"	N	N	N
	Company	Chemical Co.,											
		Cnemicai Co., Ltd.											
0	The	Formosa	(6)	215,720,495	3,067,083	3,067,083	3,067,083	N/A	0.92	"	N	N	N
U	-	Resources	(0)	213,720,493	3,007,083	3,007,083	3,007,063	IN/A	0.92	"	IN	IN	IN
	1 ,	Corporation											
0		Formosa	(6)	215,720,495	7,132,750	7,132,750	7,132,750	N/A	2.15	"	N	N	N
	Company		(0)	210,720,190	7,132,700	7,132,730	7,132,750	1,1,1	2.10		- 1		-11
		(Cayman)											
		Limited											
0	The	Formosa Ha	(6)	215,720,495	18,903,708	16,895,419	16,895,419	N/A	5.09	"	N	N	N
	Company	Tinh											
		(Cayman)											
		Limited											

- Note 1: The Company and its subsidiaries are coded as follows:
 - (1) The Company is coded "0".
 - (2) The subsidiaries are coded starting from "1" in the order.
- Note 2: Relationship between the endorser/guarantor and the party being endorsed/guaranteed is classified into the following seven 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 endorser/guarantor company and endorsed/guaranteed company both are owned directly or indirectly more than 90% voting shares by the company.
- (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) Jointly guarantee of the pre-construction real estate sales contract in accordance with Consumer Protection Law.
- Note 3: The limits and the calculation methods of endorsement/guarantee amount for individual counterparty and maximum balance are disclosed in accordance with company's operating procedure of endorsement/guarantee.
- Note 4: Maximum balance of endorsement/guarantee provided to others for the period.
- Note 5: It should be filled in the amount which approved by the board of directors. However, it should be filled in the amount which utilized by the chairman, whom authorized by the board of directors in accordance with Subparagraph 8, Article 12 of Guidelines for Lending of Capital, Endorsements and Guarantees by Public Companies.
- Note 6: It should be filled in the amount which is actual utilized by the endorsed/guaranteed company within the limit of endorsement/guarantee amount.
- Note 7: It should be filled in "Y", if it is the public parent company endorsed/guaranteed for the subsidiaries, subsidiaries endorsed/guaranteed for the public parent company, or endorsement or guarantee for entities in china.

C. Securities held as of March 31, 2021 (not including subsidiaries, associates and joint ventures)

					As of Mare	ch 31, 2021		
				Shares	Carrying Value	Percentage of	Market Value	Note
Company	Type and Name of the Securities (Note 1)	Relationship (Note 2)	Financial Statement Account	(In thousand)	(Note 3)	Ownership (%)	(Note 4)	
The Company	Stock — Formosa Plastics Corporation	Entity with joint control or significant influence over the Company	Financial assets at fair value through other comprehensive income–current	131,460	\$13,277,497	2.07%	\$101.00	
The Company	Stock — Nan Ya Plastics Corporation	Entity with joint control or significant influence over the Company	Financial assets at fair value through other comprehensive income–current	179,214	14,301,311	2.26%	79.80	
The Company	Stock — Formosa Chemicals & Fibre Corporation	Entity with joint control or significant influence over the Company	Financial assets at fair value through other comprehensive income–current	48,568	4,254,520	0.83%	87.60	
The Company	Stock — National Petroleum Co., Ltd.	Others	Financial assets at fair value through other comprehensive income–current	60,082	3,034,134	19.44%	50.50	
The Company	Stock —Nan Ya Technology Corporation	-	Financial assets at fair value through other comprehensive income–current	334,815	30,769,536	10.81%	91.90	
The Company	Fund – Mega USD Fend-Shou Private Market Fund	-	Financial assets at fair value through profit or loss-current	12,478	3,897,807	-	312.37	
The Company	Stock —Formosa Ha Tinh (Cayman) Limited	Others	Financial assets at fair value through other comprehensive income–non-current	621,178	10,456,473	11.43%	16.83	
The Company	Stock —Asia Pacific Investment Corporation	-	Financial assets at fair value through other comprehensive income—non-current	8,950	313,071	2.11%	34.98	
The Company	Stock — Formosa Network Technology Corporation	-	Financial assets at fair value through other comprehensive income—non-current	2,925	160,230	12.50%	54.78	
The Company	Stock — Formosa Heavy Industries Corporation	Others	Financial assets at fair value through other comprehensive income–non-current	24,981	373,222	1.26%	14.94	
The Company	Stock — Formosa Ocean Group Marine Investment Corporation	-	Financial assets at fair value through other comprehensive income–non-current	3	4,790,872	19.00%	1,827,182.30	
The Company	Stock — Amtrust Capital Corporation	-	Financial assets at fair value through other comprehensive income–non-current	3,750	25,076	3.91%	6.69	
The Company	Stock — Mega Growth Venture Capital Co., Ltd.	-	Financial assets at fair value through other comprehensive income–non-current	2,500	21,325	1.97%	8.53	

- 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: If the securities listed above are issued by related parties, the column is specified with further information.
- Note 3: For securities measured at fair value, fill in the book value column with fair value of the securities less accumulated impairment. For securities not measured at fair value, fill in the book value column with the original cost or amortized cost less accumulated impairment.
- Note 4: Fill in the fair value in the following ways:
 - (1) For securities with quoted prices in active markets, fair value is the closing price at the balance sheet date. However, for open-end funds, fair value is the net asset value of the fund.
 - (2) For securities without quoted prices in an active market, doesn't have be filled unless the security is stock. Fill in the book value column with book value per share if it is stock.
- D. Individual securities acquired or disposed of with accumulated amount exceeding NT\$300 million or 20 percent of the Company's paid-in capital:

	Securities		Counterparty	Relationship	As January	1, 2021	Purch (Note			Sel (Note			As Marcl	n 31, 2021
Company	Category (Note 1)	Account	(Note 2)	(Note 2)	Shares (In thousand)	Amount	Shares (In thousand)	Amount	Shares (In thousand)	Price	Book Cost	Gain /	Shares (In thousand)	Amount
The Company	Stock	Investments accounted for using the equity method	Formosa Resources Corporation	Associate	741,594	\$7,415,940 (Note 5)	88,453	\$884,531	-	\$-	\$-	\$-	830,047	\$8,300,471 (Note 5)

- Note 1: Marketable securities in the table refer to stocks, bonds, beneficiary certificates and other related derivative securities.
- Note2: If the securities listed above are investments accounted for using the equity method, fill in the second column.
- Note3: The accumulated consideration of acquisition or sale should be calculated separately at their market values to verify whether they individually reach NT\$300 million or 20% of paid-in capital or more.
- Note 4: The Company's paid-in capital means the parent's paid-in capital. If the stock has no par value or the par value do not equal to NT\$10, according to the regulation of 20% paid-in capital transaction amount, the par value will be calculated by 10% of the total parent equity.
- Note 5: Beginning balance and ending balance herein is disclosed in original cost.
- E. Acquisition of property with the amount exceeding NT \$300 million or 20% of the Company's paid-in capital: None.
- F. Disposal of property with amount exceeding NT \$300 million or 20% of the Company's paid-in capital: None.

G. Purchases or sales of goods from or to related parties reaching NT\$100 million or 20% of paid-in capital or more

Purchaser /		Relationship with the		Trar	saction		terms comp	n transaction ared to third nsactions	Notes/accounts	s receivable (payable)	
Seller	Counterparty	counterparty	Purchases (Sales)	Amount	Percentage of total purchases (sales)	Credit term	Unit price	Credit term	Balance	Percentage of total notes/accounts receivable (payable)	Note
The Company	Formosa Plastics Corporation	Entity with joint control or significant influence over the Company	Sales Purchases	23,474,843 1,431,347	18.02 1.39	30 days after receiving the goods	N/A	N/A	9,480,043 743,121	25.30 4.45	
The Company	Nan Ya Plastics Corporation	Entity with joint control or significant influence over the Company	Sales Purchases	10,556,919 219,863	8.10 0.21	30 days after receiving the goods	N/A	N/A	4,162,251 73,961	11.11 0.44	
The Company		Entity with joint control or significant influence over the Company	Sales Purchases	33,106,245 6,801,724	25.41 6.62	30 days after receiving the goods	N/A	N/A	10,817,597 2,728,779	28.87 16.35	
The Company	National Petroleum Co., Ltd.	Others	Sales	4,319,748	3.32	60 days after receiving the goods	N/A	N/A	1,764,482 2,960,580 (Notes Receivable)	4.71 99.97 -	
The Company	Formosa Oil (Asia Pacific) Corporation	Subsidiary	Sales Purchases	3,253,352	2.50	30 days after receiving the goods	N/A	N/A	1,249,850	3.34	(Note)
The Company	Formosa Taffeta Co., Ltd	Others	Sales Purchases	2,300,847 430	1.77	30 days after receiving the goods	N/A	N/A	438,435 11	1.17	
The Company	Nan Chung Petrochemical Corp.	Others	Sales Purchases	785,701 -	0.60	30 days after receiving the goods	N/A	N/A	655,027	1.75	
The Company	Caltex Taiwan Corporation	Joint venture	Sales Purchases	481,537 -	0.37	30 days after receiving the goods	N/A	N/A	200,535	0.54	
The Company	Simosa Oil Corporation	Associate	Sales Purchases	604,706	0.46	30 days after receiving the goods	N/A	N/A	262,319	0.70	
The Company	Formosa BP Chemicals Corporation	Others	Sales Purchases	581,901 187,513	0.45	30 days after receiving the goods	N/A	N/A	207,159 72,761	0.55 0.44	
The Company	Formosa Chemicals Industries (Ningbo) Co., Ltd.		Sales Purchases	622,522	0.48	30 days after receiving the goods	N/A	N/A	468,318	1.25	
The Company	TMS Corp.	Associate	Sales Purchases	381,092	0.29	30 days after receiving the goods	N/A	N/A	-	-	
The Company	Formosa Kraton Chemical Co., Ltd.	Joint venture	Sales Purchases	161,338	0.12	30 days after receiving the goods	N/A	N/A	71,007	0.19	

Note: All transactions are eliminated in the consolidated financial statements.

H. Receivables from related parties with amounts exceeding NT\$100 million or 20 percent of capital stock

Creditor	Counterparty	Relationship with the counterparty	Balance	Turnover rate	Overdue r	eceivables Action taken	Amount collected subsequent to the balance sheet date	Loss Allowance	Note
	Accounts receivable				Amount	Action taken	the balance sheet date	Anowance	
The Company	Formosa Chemicals & Fibre Corporation	Entity with joint control or significant influence over the Company	\$10,817,597	13.43	-	-	\$10,816,464	N/A	
The Company	Formosa Plastics Corporation	Entity with joint control or significant influence over the Company	9,480,043	11.19	-	-	9,480,042	N/A	
The Company	Nan Ya Plastics Corporation	Entity with joint control or significant influence over the Company	4,162,251	11.38	=	-	4,162,251	N/A	
The Company	National Petroleum Co., Ltd.	Others	4,725,062	4.41	-	-	1,442,785	N/A	
The Company	Formosa Oil (Asia Pacific) Corporation	Subsidiary	1,249,850	10.99	=	-	1,249,850	N/A	(Note)
The Company	Formosa Taffeta Co., Ltd	Others	438,435	21.91	-	-	438,435	N/A	
The Company	Caltex Taiwan Corporation	Joint venture	200,535	11.22	=	-	-	N/A	
The Company	Formosa BP Chemicals Corporation	Others	207,159	12.78	ı	-	207,159	N/A	
The Company	Simosa Oil Corporation	Associate	262,319	11.34	-	-	262,319	N/A	
The Company	Nan Chung Petrochemical Corp.	Others	655,027	6.83	=	-	655,027	N/A	
The Company	Formosa Chemicals Industries (Ningbo) Co., Ltd.	Others	468,318	9.20	ı	-	180,727	N/A	
	Other receivables from related parties								
The Company	Formosa Heavy Industries Corporation	Others	3,810,000	-	=	-	810,000	N/A	

Note: All transactions are eliminated in the consolidated financial Statements.

I. Derivative financial instruments undertaken: Please refer to Notes 6(4) and 12.

J. Significant intercompany transactions between consolidated entities

						Transaction	
No.	Company name	Counterparty	Relationship				Percentage of consolidated total
(Note 1)			(Note 2)	Account	Amount	Transaction terms	operating revenues or total assets
							(Note3)
0	The Company	Formosa Oil (Asia	1	Sales revenue	3,253,352	Prices similar to those with non-related parties	2.50%
		Pacific) Corporation					
				Accounts receivable	1,249,850	Receive in the following month	0.30%
1	Formosa Oil (Asia Pacific)	The Company	2	Labor force revenue	20,552	Receive in the following month	0.02%
	Corporation						
2	Formosa Petrochemical	The Company	2	Labor force revenue	103,716	Receive in the following month	0.08%
	Transportation Corporation			Accounts receivable	5,248	-	-
3	FPCC DILIGENCE Corp.	The Company	2	Labor force revenue	151,396	Receive in the following month	0.12%
				Accounts receivable	38,225	-	0.01%
4	FG INC.	FPCC USA, INC.	3	Other receivables	42,797	-	0.01%

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

- (1) Parent Company is coded "0".
- (2) The subsidiaries are coded starting from "1" in the order.

- 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: Whether the Company discloses the significant transaction in this sheet is according to materiality principle.

(2) Investee information

A. Names, locations and related information of investee companies as of March 31, 2021 (excluding Mainland China)

				Origin	al cost	At	the end of peri	od	Investees		
Investor	Investee (Note1 × 2)	Region	Main Business	Balance at March 31, 2021	Balance at December 31, 2020	Number of shares (in thousand)	Percentage	Amount	company net income (Note2(2))	Share of Profits/Losses (Note2(3))	Note
The Company	Formosa Oil (Asia Pacific) Corporation	ROC	Retail of petrochemical	\$1,097,992	\$1,097,992	100,000	100.00	\$1,803,850	\$116,174	\$116,174	1
The Company	Formosa Petrochemical Transportation Corporation	ROC	Transportation	176,019	176,019	19,378	88.00	329,662	13,651	12,013	3
The Company	FPCC USA, INC.	US	Oil drilling	1,637,968	1,637,968	10	100.00	1,040,972	55,157	55,157	7
The Company	FPCC DILIGENCE Corp.	Liberia	Ship chartering	894,723	894,723	-	100.00	(161,534)	(94)	(94))
The Company	FPCC MAJESTY Corp.	Liberia	Ship chartering	1,092,467	1,092,467	-	100.00	1,597,387	14,612	14,612	2
The Company	FPCC NATURE Corp.	Liberia	Ship chartering	1,126,902	1,126,902	-	100.00	1,648,412	15,134	15,134	4
The Company	FG INC.	US	Investing	6,506,856	6,506,856	11	57.00	5,932,896	(23,810)	(13,572))
The Company	Mai-Liao Power Corporation	ROC	Electricity generation	5,985,981	5,985,979	601,777	24.94	12,617,941	1,674	418	8
The Company	Yi-Chi Construction Corporation	ROC	Construction	18,508	18,508	1,695	40.55	28,446	(52)	(21))
The Company	Mailiao Harbor Administration Corporation	ROC	Harbor manage	1,348,137	1,348,137	98,907	44.96	2,386,965	168,829	75,905	5
The Company	Formosa Development Corporation	ROC	Development of land	229,970	229,970	46,641	45.99	797,249	(229)	(105))
The Company	Formosa Marine Corporation	ROC	Transportation	20,000	20,000	3,238	20.00	266,678	242,462	48,492	2
The Company	Simosa Oil Corporation	ROC	Retail of other oil products and manufacturing	54,000	54,000	41,748	20.00	541,923	2,646	529	e
The Company	Caltex Taiwan Corporation	ROC	Retail of petrochemical products and airport refueling	21,501	21,501	2,400	50.00	57,160	3,035	1,518	3
The Company	Formosa Environmental Technology Corporation	ROC	Crop cultivating, Disposals of waste and sewage	417,145	417,145	41,714	24.34	227,704	1,571	382	2
The Company	Formosa Plastics Synthetic Rubber(HK)	НК	Investing	4,244,064	4,244,059	138,333	33.33	2,121,330	(129,637)	(43,208))
The Company	Formosa Kraton Chemical Co., Ltd.	ROC	Synthetic Rubber Manufacturing	1,237,500	1,237,500	123,750	50.00	1,285,429	89,328	44,664	1
The Company	Formolight Technologies, Inc.	ROC	LED	80,361	80,361	8,036	39.43	58,776	(9,437)	(3,721))
The Company	Formosa Resources Corporation	ROC	Mining	8,300,471	7,415,940	830,047	25.00	7,054,834	(46,061)	(11,515))
The Company	Formosa Group (Cayman) Limited	Cayman	Investing	377	377	13	25.00	658,822	36,101	9,025	5

				Origin	al cost	At	the end of peri	od	Investees		
				Balance at	Balance at	Number of			company net	Share of	
Investor	Investee (Note1 \cdot 2)	Region	Main Business	March 31,	December 31,	shares	Percentage	Amount	income	Profits/Losses	Note
				2021	2020	(in thousand)			(Note2(2))	(Note2(3))	
The Commons	Idemitsu Formosa Specialty	ROC	Retail of petrochemical	750,000	750,000	75,000	50.00	377,433	(91,481)	(45,741))
The Company	Chemicals Corp.	ROC	products								
TTI C	NKFG	ROC	Electronic components	997,200	997,200	99,720	45.00	566,744	(242,763)	(109,243))
The Company	NKFG	ROC	manufacturing & selling								
TTI C	N. X. Di	DOG	Lighting equipment	270,584	270,584	10,522	22.83	297,157	16,823	3,841	1
The Company	Nan Ya Photonics Incorporation	ROC	manufacturing								
Formosa Oil				40,000	40,000	3,430	49.00	54,203	6,190	3,033	3
(Asia Pacific)	TMS Corp.	ROC	Vehicle and parts export and								
Corporation			import								
Formosa Oil	W7 11 1 10			167,323	167,323	16,463	53.80	177,128	2,207	1,188	8
(Asia Pacific)	Whalehome International Corp.,	ROC	Retail of petrochemical								
Corporation	Ltd										
Formosa				48,209	48,209	4,801	15.69	51,651	2,207	340	6
Petrochemical	Whalehome International Corp.,	DOC.	Date II of a star drawniant								
Transportation	Ltd	ROC	Retail of petrochemical								
Corporation											
EG DIG	FOLLUG	110	Petrochemical products	10,569,834	10,232,843	-	100.00	9,678,079	(23,129)	(23,129))
FG INC.	FG LA LLC	US	manufacturing & selling								

Note1: If a public company has holding company in other country and had issued consolidated financial statement under local regulations, about these investees could disclosed their holding company's relevant information.

Note2: If not belong to Note 1, filled in by the following rules

- (1) In "Investee", "Region", "Main Business", "Original cost" and "At the end of period" columns should filled in in order follow the company invest directly or indirectly and explain each relationship in "Note" column.
- (2) In "Investees company net income" column should filled in each investee's net income.
- (3) In "Share of Profits/Losses" column only need to filled in the share of profit or loss of each subsidiary and the company under the equity method. Regarding to the profit or loss of each subsidiary should contain the share of profit or loss of its investee.
- B. The company has controlling power over Formosa Petrochemical Transportation Corporation, Formosa Oil (Asia Pacific) Corporation, FPCC USA, INC., FG INC., FG LA LLC, FPCC DILIGENCE Corp. (Note), FPCC MAJESTY Corp. (Note) and FPCC NATURE Corp. (Note). Although the total assets and total operating revenue has not reached 10% of the company's account, but the significant transaction should be disclosed.

Note: FPCC Marine Corporation, the subsidiary of the Company, established FPCC DILIGENCE Corp., FPCC MAJESTY Corp. and FPCC NATURE Corp. at the price of ship assets on March 20, 2020. After the reorganization procedures on April 15, 2020, the subsidiary company FPCC Marine Corporation transferred 100% equity of the three companies FPCC DILIGENCE Corp., FPCC MAJESTY Corp. and FPCC NATURE Corp. to the Company and was entered into dissolution and liquidation process.

(a) Financing provided to others

					Maximum	Balance at						Colla	iteral	F: .	Fr.
No (Note1)	Creditor	Borrower	General Leger account (Note2)	Related party	outstanding balance during the three month period ended March 31, 2021			Interest rate%		Reason for Financing (Note 6)	Loss	Item	Value	Financing Limits for Each Borrowing Company (Note 7)	Financing Company's Total Financing Amount Limits (Note 7)
1	Formosa Oil (Asia Pacific) Corporation	Whalehome International Corp., Ltd.	Other receivables from related parties	yes	\$50,000	\$-	\$-	1.23~1.23	(2)	Need for operating	N/A	N/A	N/A	\$901,925	\$1,803,850
2	FG INC. (Note 9)	FPCC USA, INC.	Other receivables from related parties	yes	185,452	42,797	42,797	0.69~0.72	(2)	Need for operating	N/A	N/A	N/A	1,040,859	31,225,766

- Note 1: The Company and its subsidiaries are coded as follows:
 - (1) The Company is coded "0".
 - (2) The subsidiaries are coded starting from "1" in the order.
- Note 2: Total amount of the financing is disclosed herein if the financing related to business transactions.
- Note 3: Maximum financing balance provided to others for the period.
- Note 4: Nature of financing is coded as follows:
 - (1) The financing occurred due to business transactions is coded "1".
 - (2) The financing occurred due to short-term financing is coded "2".
- Note 5: Total amount of the business transactions between financing company and counterparty should be disclosed herein if the financing occurred due to business transactions.
- Note 6: The necessity and rationality of the loan application should be specifically illustrated herein if the financing occurred due to short-term financing.
- Note 7: The limits and the calculation methods of financing amount for individual counterparty and total financing amount for financing company are disclosed in accordance with company's operating procedure of financing.
- Note 8: According to Paragraph 1, Article 14 of Guidelines for Lending of Capital, Endorsements and Guarantees by Public Companies, each financing should be approved by the board of directors. To fairly expose the company's risk, even if the fund doesn't be utilized, the financing amount approved by the board of directors still includes in the financing balance. To reflect the adjustment of the company's risk, while the counterparty repays the fund, it should disclose the balance after the repayment. Although the chairman is authorized to handle the financing in installment or revolver under the specific amount approved by the board of directors within one year, according to Paragraph 2, Article 14 of Guidelines for Lending of Capital, Endorsements and Guarantees by Public Companies, it still uses the financing amount approved by the board of directors as the reporting balance. While the counterparty repays the fund, considering the possibility of another utilization, it still uses the financing amount approved by the board of directors as the reporting balance.
- Note 9: All transactions listed above are eliminated in the consolidated financial statements.

- (b) Endorsement/guarantee provided to others for the three months ended March 31, 2021: None.
- (c) Securities held as of March 31, 2021

				As March 31, 2021					
Holding Company	Type and Name of the Securities	Relationship	Financial Statement Account	Shares (In thousand)	Carrying Value	Percentage of Ownership (%)	Market Value		
Formosa Oil (Asia Pacific) Corporation	Stock — National Petroleum Co., Ltd.	Others	Financial assets at fair value through other comprehensive income–current	717	\$36,199	0.23%	\$50.50		
Formosa Oil (Asia Pacific) Corporation	Stock — North-Star Petroleum Co., Ltd.	-	Financial assets at fair value through other comprehensive income–current	10,000	297,000	5.21%	29.70		
Formosa Oil (Asia Pacific) Corporation	Stock—Tai Yi Feng Corporation	-	Financial assets at fair value through other comprehensive income–non-current	1,500	32,655	5.00%	21.77		
FPCC USA, INC.	Stock — Cross Lake Gathering, LLC	-	Financial assets at fair value through other comprehensive income–non-current	-	51,564	12.50%	51,563,910		

(d) Individual securities acquired or disposed of with accumulated amount exceeding NT\$300 million or 20 percent of the capital stock:

	Securities	Financial	Counterparty	Relationship	As Januar	y 1, 2021	Purch (Note			Se (Not			As March	31, 2021
Company	(Note 1)	Statement Account	(Note 2)	(Note 2)	Shares (In thousand)	Amount	Shares (In thousand)	Amount	Shares (In thousand)		Book Cost	Gain /	Shares (In thousand)	Amount
FG INC.	Stock	Investments accounted for using the equity method	FG LA LLC	Subsidiary	-	\$10,232,843 (Note 5)		\$336,991	-	\$-	\$-	\$-	-	\$10,569,834 (Note 5)

- Note 1: Marketable securities in the table refer to stocks, bonds, beneficiary certificates and other related derivative securities.
- Note 2: If the securities listed above are long-term investments, fill in the second column.
- Note 3: The accumulated consideration of acquisition or sale should be calculated separately at their market values to verify whether they individually reach NT\$300 million or 20% of paid-in capital or more.
- Note 4: It's the parent's paid-in capital. If the stock has no par value or the par value do not equal to NT\$10, according to the regulation of 20% paid-in capital transaction amount, the par value will be calculated by 10% of the total parent equity.
- Note 5: Beginning balance and ending balance herein is disclosed in original cost.
- (e) Acquisition of real estate reaching NT\$300 million or 20% of paid-in capital or more: None.

- (f) Disposal of real estate reaching NT\$300 million or 20% of paid-in capital or more: None.
- (g) Purchases or sales of goods from or to related parties reaching NT\$100 million or 20% of paid-in capital or more: None.
- (h) Receivables from related parties reaching NT\$100 million or 20% of paid-in capital or more: None.
- (i) Derivative financial instruments undertaken: None.
- (j) Significant inter-company transactions: None.

C. Investment in Mainland China as of March 31, 2021

				Accumulated	Inves	tment	Accumulated					Accumulated
		T 1 4	Method of	Outflow of	Flo	ows	Outflow of		Percentage	Share of	Carrying	Inward
Investee	and Products	s Total Amount of Paid-in Capital		Investment from			Investment from	net income (Note2)	of	Profits/Losses	Amount as of	Remittance of
			(Note1)	Taiwan as of	Outflow	utflow Inflow	Taiwan as of		Ownership	(Note2)	March 31, 2021	Earnings as of
				January 1, 2021			March 31, 2021					March 31, 2021
Formosa Plastics	Synthetic	US\$415,000		US\$138,333			US\$138,333					
Synthetic	Rubber	NTTP044 040 045	(2)	>=====================================	-	-	> TTTT 1 0 1 1 0 TO	NT\$(129,637)	33.33%	NT\$(43,208)	NT\$2,121,330	\$-
Rubber(Ningbo)	Manufacturing	NT\$11,840,365		NT\$4,244,059			NT\$4,244,059					

Accumulated Investment in	Investment Amounts Authorized by	Upper Limit on Investment	
Mainland China	Investment Commission, MOEA	(Note3)	
US\$138,333	US\$138,333	NT\$100 126 610	
NT\$4,244,059	NT\$4,244,059	NT\$199,126,610	

Note1: The methods for engaging in investment in Mainland China include the following:

- (1) Directly invested in China
- (2) Investment in Mainland China companies through a company invested and established in a third region (The third region company is Formosa Plastics Synthetic Rubber(HK))
- (3) Other method
- Note2: Recognized based on valuation in financial statements audited by investee companies' independent accountants.
- Note3: According to MOEA's regulation, the company set its upper limit on investment is based on 60% of equity.

D. Information on major shareholders

Shares Major shareholders	Shares	Percentage of Ownership
Formosa Plastics Corporation	2,720,549,010	28.55%
Formosa Chemicals & Fibre	2,300,799,801	24.15%
Corporation		
Nan Ya Plastics Corporation	2,201,306,014	23.10%
Chang Gung Medical	551,360,791	5.78%
Foundation		

- Note 1: The information on major shareholders, which is provided by the Taiwan Depository & Clearing Corporation, summarized the shareholders who held over 5% of total non-physical common stocks and preferred stocks (including treasury stocks) on the last business date of each quarter. The registered non-physical stocks may be different from the capital stocks disclosed in the financial statement due to different calculation basis.
- Note 2: If shares are entrusted, the above information regarding such shares will be revealed by each trustors of individual trust account. The shareholders holding more than 10% of the total shares of the company should declare insider's equity according to Securities and Exchange Act. The numbers of the shares declared by the insider include the shares of the trust assets which the insider has discretion over use. For details of the insider's equity announcement please refer to the TWSE website.

14. OPERATING SEGMENT INFORMATION

For management purposes, the Group is organized into business units based on its products and services and has two reportable segments as follows:

- A. Petrochemical segment: Producing and selling petroleum, and petrochemical products.
- B. Public utility segment: Producing and selling water, electricity and steam.

For information regarding the segment reporting and operating activities, please refer to "Other" section of the Note.

Management monitors the operating results of its business units separately for the purpose of making decisions about resource allocation and performance assessment. Segment performance is evaluated based on operating profit or loss and is measured consistently with operating profit or loss in the consolidated financial statements. However, group finance costs, finance income and income taxes are managed on a group basis and are not allocated to operating segments.

The transfer prices between operating segments are on an arm's length basis in a manner similar to transactions with third parties.

Information for the three months ended March 31, 2021

				Adjustment	
	Petrochemical	Utility		and	Consolidated
	Division	Division	Others	eliminations	Amount
Revenue					
External customer	\$117,653,693	\$8,506,625	\$4,139,348	\$-	\$130,299,666
Inter-segment	3,253,352	319,781	586,780	(4,159,913)	
Total revenues	\$120,907,045	\$8,826,406	\$4,726,128	\$(4,159,913)	\$130,299,666
Segment profit or loss	\$19,401,050	\$1,805,240	\$271,355	\$869,556	\$22,347,201

Information for the three months ended March 31, 2020

				Adjustment	
	Petrochemical	Utility		and	Consolidated
	Division	Division	Others	eliminations	Amount
Revenue					
External customer	\$125,749,225	\$7,853,691	\$3,928,441	\$-	\$137,531,357
Inter-segment	3,024,609	2,555,417	730,813	(6,310,839)	
Total revenues	\$128,773,834	\$10,409,108	\$4,659,254	\$(6,310,839)	\$137,531,357
Segment profit or loss	\$(10,432,541)	\$2,073,637	\$177,428	\$(4,403,678)	\$(12,585,154)

Note1: Revenues were from segments below the quantitative thresholds, such as load and unload process, transportation services and sales of petroleum products. None of those segments has ever met the quantitative thresholds for determining reportable segments assets.

Note2: Inter-segment revenues are eliminated upon consolidation and reflected in the 'adjustments and eliminations' section. All other adjustments and eliminations are part of detailed reconciliations presented further below.

Note3: Profit or loss of each reportable segment does not include the share of profits of associates and joint venture and the foreign currency exchange gains and losses.

The reportable segment assets and liabilities as of March 31, 2021, December 31, 2020 and March 31, 2020 are as follows:

Reportable segment assets

	Petrochemical			Adjustment and	Consolidated
	Division	Utility Division	Others	eliminations	Amount
March 31, 2021	\$170,678,035	\$36,146,900	\$221,591,074	\$(14,084,947)	\$414,331,062
December 31, 2020	\$151,835,020	\$46,435,961	\$196,402,188	\$(13,750,053)	\$380,923,116
March 31, 2020	\$164,912,480	\$36,090,126	\$187,036,020	\$(22,082,833)	\$365,955,793

Reportable segment liabilities

	Petrochemical			Adjustment and	Consolidated
	Division	Utility Division	Others	eliminations	Amount
March 31, 2021	\$57,876,767	\$6,769,565	\$15,179,702	\$(1,893,303)	\$77,932,731
December 31, 2020	\$45,877,771	\$6,266,991	\$18,042,302	\$(1,891,016)	\$68,296,048
March 31, 2020	\$54,580,597	\$6,444,395	\$5,489,814	\$(4,117,031)	\$62,397,775

Reconciliations of reportable segment profit or loss:

	For the three	For the three
	months ended	months ended
	March 31, 2021	March 31, 2020
	NTD	NTD
Total profit or loss for reportable segments	\$21,206,290	\$(8,358,904)
Other profit	271,355	177,428
Unallocated amounts:		
Share of profits of associates and joint venture	(24,213)	239,357
Gain (loss) on foreign exchange	764,407	317,528
Other corporate revenue (expenses)	129,362	(4,960,563)
Income (loss) before tax from continuing operations	\$22,347,201	\$(12,585,154)