Taiwan Cement Corporation and Subsidiaries

Consolidated Financial Statements for the Six Months Ended June 30, 2017 and 2018 and Independent Auditors' Review Report

Deloitte.

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INDEPENDENT AUDITORS' REVIEW REPORT

The Board of Directors and Shareholders
Taiwan Cement Corporation

Introduction

We have reviewed the accompanying consolidated balance sheets of Taiwan Cement Corporation and its subsidiaries (the "Group") as of June 30, 2017 and 2018 and the related consolidated statements of comprehensive income for the three months ended June 30, 2017 and 2018 and for the six months ended June 30, 2017 and 2018, the related consolidated statements of changes in equity and cash flows for the six months then ended and the related notes, including a summary of significant accounting policies (collectively referred to as the "consolidated financial statements"). Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard 34 "Interim Financial Reporting". Our responsibility is to express a conclusion on the consolidated financial statements based on our reviews.

Scope of Review

Except as explained in the following paragraph, we conducted our reviews in accordance with the Statement of Auditing Standard No. 65 "Review of Financial Information Performed by the Independent Auditor of the Entity". 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 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 disclosed in Note 13 to the consolidated financial statements, the financial statements of some non-significant subsidiaries included in the consolidated financial statements were not reviewed. As of June 30, 2017 and 2018, the combined total assets of these non-significant subsidiaries were NT$72,557,694 thousand and NT$78,765,263 thousand, respectively, representing 28% and 25%, respectively, of the Group's consolidated total assets, and the combined total liabilities of these non-significant subsidiaries as of June 30, 2017 and 2018 were NT$13,774,308 thousand and NT$14,387,365 thousand, respectively, representing 12% and 10%, respectively, of the Group's consolidated total liabilities; for the three months ended June 30, 2017 and 2018 and for the six months ended June 30, 2017 and 2018, the net comprehensive income of these subsidiaries was NT$179,853 thousand, NT$2,904,892 thousand, NT$9,448 thousand and NT$4,029,500 thousand, respectively, representing 3%, 34%, 0% and 24%, respectively, of the Group's consolidated comprehensive income. Furthermore, as disclosed in Note 14 to the consolidated financial statements, the carrying amounts of certain investments accounted for by using the equity method as of June 30, 2017 and 2018 were NT$6,753,461 thousand and NT$8,075,060 thousand, respectively, and the Group's related share of comprehensive income of such equity-method investments for the three months ended June 30, 2017 and 2018 and for the six months ended June 30, 2017 and 2018 were NT$510,768 thousand, NT$644,013 thousand, NT$431,414 thousand and NT$1,097,896 thousand, respectively. These amounts were based on unreviewed financial statements for the same reporting periods as those of Group. Moreover, the related information of the above subsidiaries and investees disclosed in Note 34 to the consolidated financial statements for the same reporting periods as those of the Group were also unreviewed.

Qualified Conclusion

Based on our reviews, except for the adjustments, if any, as might have been determined to be necessary had the financial statements of the non-significant subsidiaries and equity-method investments as described in the preceding paragraph been reviewed, nothing has come to our attention that caused us to believe that the accompanying consolidated financial statements do not give a true and fair view of the consolidated financial position of the Group as of June 30, 2017 and 2018, its consolidated financial performance for the three months ended June 30, 2017 and 2018 and its financial performance and its consolidated cash flows for the six months ended June 30, 2017 and 2018 in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard 34 "Interim Financial Reporting".

The engagement partners on the reviews resulting in this independent auditors' review report are Ya-Ling Wong and Chih-Ming Shao.

Ya-Ling Wong Chih-ming Shao

Deloitte & Touche
Taipei, Taiwan
Republic of China

August 10, 2018

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

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

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

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS
(In Thousands)

ASSETS	June 30, 2017 (Reviewed) NT$	December 31, 2017 (Audited) NT$	June 30, 2018 (Reviewed) NT$	June 30, 2018 (Reviewed) US$ (Note 4)
CURRENT ASSETS				
Cash and cash equivalents (Notes 4 and 6)	$ 25,529,191	$ 26,331,218	$ 45,981,224	$ 1,511,049
Financial assets at fair value through profit or loss (Notes 3, 4 and 7)	147,673	147,049	623,614	20,493
Financial assets at fair value through other comprehensive income (Notes 3, 4, 8 and 31)	-	-	6,577,217	216,143
Available-for-sale financial assets (Notes 3, 4, 9 and 31)	18,168,327	25,101,220	-	-
Notes receivable (Notes 4 and 10)	13,678,514	20,003,996	24,235,683	796,440
Accounts receivable (Notes 4, 10, 11 and 31)	6,721,026	7,072,466	8,307,711	273,011
Notes and accounts receivable from related parties (Notes 4 and 30)	254,373	229,702	228,964	7,524
Other receivables (Notes 4 and 27)	719,395	751,932	558,094	18,340
Other receivables from related parties (Notes 4 and 30)	359,832	3,092	176,346	5,795
Inventories (Notes 4, 12 and 32)	9,360,034	8,354,522	8,925,428	293,310
Prepayments (Note 18)	3,187,175	2,914,701	2,915,610	95,814
Other financial assets (Notes 4, 6 and 31)	740,324	1,302,249	1,758,185	57,778
Other current assets (Note 15)	467,145	507,767	599,122	19,689
Total current assets	79,333,009	92,719,914	100,887,198	3,315,386
NON-CURRENT ASSETS				
Financial assets at fair value through other comprehensive income (Notes 3, 4, 8 and 31)	-	-	33,246,422	1,092,554
Available-for-sale financial assets (Notes 3, 4, 9 and 31)	4,596,508	3,455,938	-	-
Financial assets carried at cost (Notes 3 and 4)	583,097	582,819	-	-
Investments accounted for by using the equity method (Notes 4 and 14)	7,460,840	7,940,701	9,386,559	308,464
Property, plant and equipment (Notes 4, 15, 24 and 31)	96,760,640	94,709,404	93,704,491	3,079,346
Investment properties (Notes 4, 16, 24 and 31)	6,059,390	6,374,920	6,355,105	208,843
Intangible assets (Notes 4, 17 and 24)	20,527,954	20,852,624	20,837,342	684,763
Prepayments for property, plant and equipment	2,846,186	2,926,304	2,665,465	87,593
Long-term finance lease receivables (Notes 4, 11 and 31)	33,088,952	32,425,584	31,777,978	1,044,298
Net defined benefit asset (Note 4)	828,008	897,637	899,325	29,554
Long-term prepayments for leases (Note 18)	6,642,225	6,833,745	6,918,582	227,361
Other non-current assets (Notes 4 and 31)	3,425,281	2,837,459	3,223,725	105,939
Total non-current assets	182,819,081	179,837,135	209,014,994	6,868,715
TOTAL	$ 262,152,090	$ 272,557,049	$ 309,902,192	$ 10,184,101

LIABILITIES AND EQUITY	June 30, 2017 (Reviewed) NT$	December 31, 2017 (Audited) NT$	June 30, 2018 (Reviewed) NT$	June 30, 2018 (Reviewed) US$ (Note 4)
CURRENT LIABILITIES				
Short-term loans (Notes 19 and 31)	$ 21,669,150	$ 20,314,112	$ 20,523,737	$ 674,457
Short-term bills payable (Note 19)	5,193,780	7,991,417	5,539,021	182,025
Contract liabilities	-	-	5,158,993	169,536
Notes and accounts payable (Note 30)	7,466,214	7,789,179	9,369,569	307,906
Dividends payable	5,558,338	-	8,405,375	276,220
Other payables (Notes 21 and 32)	6,955,383	8,839,408	8,038,395	264,160
Current income tax liabilities (Note 4)	997,897	1,651,042	2,049,322	67,345
Advance receipts	3,706,791	4,548,755	-	-
Long-term loans - current portion (Notes 19 and 31)	12,196,596	13,910,242	6,571,931	215,969
Other current liabilities	95,498	148,805	116,473	3,828
Total current liabilities	63,839,647	65,192,960	65,772,816	2,161,446
NON-CURRENT LIABILITIES				
Corporate bonds payable (Notes 4 and 20)	-	-	11,976,044	393,560
Long-term loans (Notes 19 and 31)	41,947,717	43,494,968	54,040,763	1,775,904
Deferred income tax liabilities (Note 4)	10,242,024	10,397,776	11,196,189	367,933
Net defined benefit liability (Note 4)	160,030	211,697	206,035	6,771
Other non-current liabilities (Note 32)	597,269	612,432	493,203	16,208
Total non-current liabilities	52,947,040	54,716,873	77,912,234	2,560,376
Total liabilities	116,786,687	119,909,833	143,685,050	4,721,822
EQUITY ATTRIBUTABLE TO SHAREHOLDERS OF THE CORPORATION (Notes 3, 4, 23 and 27)				
Share capital	36,921,759	42,465,090	42,465,090	1,395,501
Share dividends to be distributed	-	-	4,240,509	139,353
Capital surplus	13,534,162	25,739,065	26,109,830	858,029
Retained earnings	44,965,824	49,019,510	48,333,975	1,588,366
Other equity	10,750,464	19,124,539	30,338,467	996,992
Treasury shares	-	-	(218,166)	(7,169)
Equity attributable to shareholders of the Corporation	106,172,209	136,348,204	151,269,705	4,971,072
NON-CONTROLLING INTERESTS (Note 23)	39,193,194	16,299,012	14,947,437	491,207
Total equity	145,365,403	152,647,216	166,217,142	5,462,279
TOTAL	$ 262,152,090	$ 272,557,049	$ 309,902,192	$ 10,184,101

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

(With Deloitte & Touche auditors' review report dated August 10, 2018)

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(In Thousands, Except Earnings Per Share)
(Reviewed, Not Audited)

	For the Three Months Ended June 30			For the Six Months Ended June 30		
	2017	2018		2017	2018	
	NT$	NT$	US$ (Note 4)	NT$	NT$	US$ (Note 4)
OPERATING REVENUE (Notes 4 and 30)	$ 24,714,080	$ 33,321,032	$ 1,095,006	$ 45,893,851	$ 57,500,246	$ 1,889,591
OPERATING COSTS (Notes 4, 12, 22, 24 and 30)	19,446,050	23,052,316	757,552	37,627,091	41,440,890	1,361,843
GROSS PROFIT	5,268,030	10,268,716	337,454	8,266,760	16,059,356	527,748
OPERATING EXPENSES (Notes 22, 24 and 30)						
Marketing	204,025	211,297	6,944	384,484	401,972	13,210
General and administrative	995,111	1,070,344	35,174	1,863,367	2,011,236	66,094
Research and development	8,202	8,119	267	16,587	16,501	542
Total operating expenses	1,207,338	1,289,760	42,385	2,264,438	2,429,709	79,846
INCOME FROM OPERATIONS	4,060,692	8,978,956	295,069	6,002,322	13,629,647	447,902
NON-OPERATING INCOME AND EXPENSES						
Share of profit of associates and joint ventures (Notes 4 and 14)	398,479	659,741	21,681	666,243	1,074,248	35,302
Interest income (Note 4)	59,408	103,836	3,412	112,498	181,574	5,967
Dividend income (Note 4)	295,911	647,383	21,274	295,911	647,383	21,275
Other income	152,502	371,504	12,208	193,013	448,613	14,742
Finance costs (Notes 4 and 24)	(449,567)	(616,328)	(20,254)	(943,342)	(1,155,023)	(37,957)
Other expenses (Note 24)	(204,179)	(212,623)	(6,987)	(253,806)	(260,042)	(8,546)
Foreign exchange losses, net	(235,956)	(182,316)	(5,991)	(210,786)	(210,399)	(6,914)
Net gain (loss) on financial assets and liabilities at fair value through profit or loss	1,766	72,460	2,382	(107,723)	84,200	2,767
Total non-operating income and expenses	18,364	843,657	27,725	(247,992)	810,554	26,636
INCOME BEFORE INCOME TAX	4,079,056	9,822,613	322,794	5,754,330	14,440,201	474,538
INCOME TAX EXPENSE (Notes 4 and 25)	1,008,273	2,111,678	69,395	1,519,839	3,863,896	126,977
NET INCOME	3,070,783	7,710,935	253,399	4,234,491	10,576,305	347,561
OTHER COMPREHENSIVE INCOME (LOSS) (Note 4)						
Items that will not be reclassified subsequently to profit or loss:						
Unrealized gain on investments in equity instruments at fair value through other comprehensive income (Note 23)	-	3,009,009	98,883	-	5,958,975	195,826
Share of the other comprehensive income of associates and joint ventures accounted for by using the equity method (Note 23)	-	666	22	-	1,523	50
Income tax expense related to items that will not be reclassified subsequently to profit or loss (Note 25)	-	-	-	-	(7,433)	(244)
	-	3,009,675	98,905	-	5,953,065	195,632

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TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(In Thousands, Except Earnings Per Share)
(Reviewed, Not Audited)

	For the Three Months Ended June 30			For the Six Months Ended June 30		
	2017	2018		2017	2018	
	NT$	NT$	US$ (Note 4)	NT$	NT$	US$ (Note 4)
Items that may be reclassified subsequently to profit or loss:						
Exchange differences on translating foreign operations (Note 23)	$ 1,563,894	$ (2,228,662)	$ (73,239)	$ (1,608,779)	$ 289,273	$ 9,506
Unrealized gain on available-for-sale financial assets (Note 23)	598,268	-	-	3,140,487	-	-
Cash flow hedges (Note 23)	-	-	-	(13,167)	-	-
Share of other comprehensive income (loss) of associates and joint ventures accounted for by using the equity method (Note 23)	120,697	50,226	1,651	(247,740)	100,307	3,296
Income tax expense related to items that may be reclassified subsequently to profit or loss (Notes 23 and 25)	-	-	-	-	(328)	(11)
	2,282,859	(2,178,436)	(71,588)	1,270,801	389,252	12,791
Other comprehensive income for the period	2,282,859	831,239	27,317	1,270,801	6,342,317	208,423
TOTAL COMPREHENSIVE INCOME FOR THE PERIOD	$ 5,353,642	$ 8,542,174	$ 280,716	$ 5,505,292	$ 16,918,622	$ 555,984
NET INCOME ATTRIBUTABLE TO:						
Shareholders of the Corporation	$ 2,149,711	$ 7,064,460	$ 232,154	$ 2,981,955	$ 10,009,630	$ 328,939
Non-controlling interests	921,072	646,475	21,245	1,252,536	566,675	18,622
	$ 3,070,783	$ 7,710,935	$ 253,399	$ 4,234,491	$ 10,576,305	$ 347,561
TOTAL COMPREHENSIVE INCOME ATTRIBUTABLE TO:						
Shareholders of the Corporation	$ 3,764,267	$ 7,853,506	$ 258,085	$ 4,757,813	$ 16,290,317	$ 535,337
Non-controlling interests	1,589,375	688,668	22,631	747,479	628,305	20,647
	$ 5,353,642	$ 8,542,174	$ 280,716	$ 5,505,292	$ 16,918,622	$ 555,984
EARNINGS PER SHARE (NT$, Note 25)						
Basic	$ 0.53	$ 1.51	$ 0.05	$ 0.73	$ 2.14	$ 0.07
Diluted	$ 0.53	$ 1.51	$ 0.05	$ 0.73	$ 2.14	$ 0.07

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

(With Deloitte & Touche auditors' review report dated August 10, 2018)

(Concluded)

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(In Thousands)
(Reviewed, Not Audited)

	Equity Attributable to Shareholders of the Corporation														Non-controlling Interests	Total Equity
				Retained Earnings				Other Equity								
	Share Capital	Share Dividends to Be Distributed	Capital Surplus	Legal Reserve	Special Reserve	Unappropriated Earnings	Total	Exchange Differences on Translating Foreign Operations	Unrealized Gain (Loss) on Available-for-sale Financial Assets	Unrealized Gain on Financial Assets at Fair Value Through Other Comprehensive Income	Cash Flow Hedges	Gain on Hedging Instruments	Treasury Shares	Total		
BALANCE, JANUARY 1, 2017	$ 36,921,759	$ -	$ 13,534,162	$ 13,389,264	$ 13,050,484	$ 20,897,776	$ 47,337,524	$ (2,233,617)	$ 11,200,323	$ -	$ 7,900	$ -	$ -	$ 106,768,051	$ 40,628,620	$ 147,396,671
Appropriation of 2016 earnings																
Legal reserve	-	-	-	635,845	-	(635,845)	-	-	-	-	-	-	-	-	-	-
Cash dividends distributed by the Corporation	-	-	-	-	-	(5,353,655)	(5,353,655)	-	-	-	-	-	-	(5,353,655)	-	(5,353,655)
Cash dividends distributed by subsidiaries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(2,182,905)	(2,182,905)
Net income for the six months ended June 30, 2017	-	-	-	-	-	2,981,955	2,981,955	-	-	-	-	-	-	2,981,955	1,252,536	4,234,491
Other comprehensive income (loss) for the six months ended June 30, 2017	-	-	-	-	-	-	-	(1,265,913)	3,049,671	-	(7,900)	-	-	1,775,858	(505,057)	1,270,801
Total other comprehensive income (loss) for the six months ended June 30, 2017	-	-	-	-	-	2,981,955	2,981,955	(1,265,913)	3,049,671	-	(7,900)	-	-	4,757,813	747,479	5,505,292
BALANCE, JUNE 30, 2017	$ 36,921,759	$ -	$ 13,534,162	$ 14,025,109	$ 13,050,484	$ 17,890,231	$ 44,965,824	$ (3,499,530)	$ 14,249,994	$ -	$ -	$ -	$ -	$ 106,172,209	$ 39,193,194	$ 145,365,403
BALANCE, JANUARY 1, 2018	$ 42,465,090	$ -	$ 25,739,065	$ 14,025,109	$ 13,049,635	$ 21,944,766	$ 49,019,510	$ (790,475)	$ 19,915,014	$ -	$ -	$ -	$ -	$ 136,348,204	$ 16,299,012	$ 152,647,216
Adjustments on initial application of IFRS 9	-	-	-	-	-	654,005	654,005	-	(19,915,014)	24,158,871	-	-	-	4,897,862	16,365	4,914,227
BALANCE, JANUARY 1, 2018 after the impact of retrospective application of IFRS 9	42,465,090	-	25,739,065	14,025,109	13,049,635	22,598,771	49,673,515	(790,475)	-	24,158,871	-	-	-	141,246,066	16,315,377	157,561,443
Appropriation of 2017 earnings																
Legal reserve	-	-	-	759,425	-	(759,425)	-	-	-	-	-	-	-	-	-	-
Cash dividends distributed by the Corporation	-	-	-	-	-	(6,360,764)	(6,360,764)	-	-	-	-	-	-	(6,360,764)	-	(6,360,764)
Share dividends distributed by the Corporation	-	4,240,509	-	-	-	(4,240,509)	(4,240,509)	-	-	-	-	-	-	-	-	-
Cash dividends distributed by subsidiaries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(2,160,876)	(2,160,876)
Net income for the six months ended June 30, 2018	-	-	-	-	-	10,009,630	10,009,630	-	-	-	-	-	-	10,009,630	566,675	10,576,305
Other comprehensive income (loss) for the six months ended June 30, 2018	-	-	-	-	-	(7,605)	(7,605)	368,233	-	5,919,393	-	666	-	6,280,687	61,630	6,342,317
Total other comprehensive income for the six months ended June 30, 2018	-	-	-	-	-	10,002,025	10,002,025	368,233	-	5,919,393	-	666	-	16,290,317	628,305	16,918,622
Organization restructuring	-	-	-	-	-	(58,513)	(58,513)	-	-	-	-	-	-	(58,513)	(49,150)	(107,663)
Difference between the consideration and the carrying amount of subsidiaries' net assets during actual acquisitions or disposals	-	-	370,765	-	-	-	-	-	-	-	-	-	-	370,765	213,781	584,546
Disposals of investments in equity instruments at fair value through other comprehensive income	-	-	-	-	-	(681,779)	(681,779)	-	-	681,779	-	-	-	-	-	-
Reversal of special reserve recognized from asset disposals	-	-	-	-	(573)	573	-	-	-	-	-	-	-	-	-	-
Buy-back of treasury shares	-	-	-	-	-	-	-	-	-	-	-	-	(218,166)	(218,166)	-	(218,166)
BALANCE, JUNE 30, 2018	$ 42,465,090	$ 4,240,509	$ 26,109,830	$ 14,784,534	$ 13,049,062	$ 20,500,379	$ 48,333,975	$ (422,242)	$ -	$ 30,760,043	$ -	$ 666	$ (218,166)	$ 151,269,705	$ 14,947,437	$ 166,217,142
BALANCE, JUNE 30, 2018 (IN US$ - Note 4)	$ 1,395,501	$ 139,353	$ 858,029	$ 485,854	$ 428,822	$ 673,690	$ 1,588,366	$ (13,876)	$ -	$ 1,010,846	$ -	$ 22	$ (7,169)	$ 4,971,072	$ 491,207	$ 5,462,279

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

(With Deloitte & Touche auditors' review report dated August 10, 2018)

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
(In Thousands)
(Reviewed, Not Audited)

	For the Six Months Ended June 30		
	2017	2018	
	NT$	NT$	US$ (Note 4)
CASH FLOWS FROM OPERATING ACTIVITIES			
Income before income tax	$ 5,754,330	$ 14,440,201	$ 474,538
Adjustments for:			
Depreciation expense	3,021,203	3,082,893	101,311
Amortization expense	188,292	198,323	6,517
Net loss (gain) on fair value changes of financial assets and liabilities at fair value through profit or loss	107,723	(84,200)	(2,767)
Finance costs	943,342	1,155,023	37,957
Interest income	(112,498)	(181,574)	(5,967)
Dividend income	(295,911)	(647,383)	(21,275)
Share of profit of associates and joint ventures	(666,243)	(1,074,248)	(35,302)
Loss on disposal of property, plant and equipment, net	19,554	164,991	5,422
Loss on disposal of investment properties, net	-	16,642	547
Loss (gain) on disposal of investments, net	377	(44)	(1)
Write-down of inventories reversed	(13,299)	(62,904)	(2,067)
Unrealized loss on foreign exchange, net	163,982	62,503	2,054
Others	108,326	115,299	3,789
Changes in operating assets and liabilities:			
Financial assets held for trading	(109,466)	-	-
Notes receivable	(1,813,020)	(3,756,675)	(123,453)
Accounts receivable	40,261	(1,245,653)	(40,935)
Notes and accounts receivable from related parties	275,376	1,857	61
Other receivables	(10,389)	234,059	7,692
Other receivables from related parties	18,111	58,955	1,937
Inventories	(759,895)	(415,591)	(13,657)
Prepayments	(371,441)	36,858	1,211
Contract liabilities	-	582,102	19,129
Other current assets	(24,905)	(21,027)	(691)
Notes and accounts payable	76,650	1,477,801	48,564
Other payables	(646,175)	(804,662)	(26,443)
Advance receipts	433,777	-	-
Other current liabilities	21,136	(31,446)	(1,033)
Net defined benefit liability	(24,691)	(7,350)	(242)
Cash generated from operations	6,324,507	13,294,750	436,896
Income tax paid	(1,707,684)	(2,608,426)	(85,719)
Net cash generated from operating activities	4,616,823	10,686,324	351,177

(Continued)

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
(In Thousands)
(Reviewed, Not Audited)

	For the Six Months Ended June 30		
	2017	2018	
	NT$	NT$	US$ (Note 4)
CASH FLOWS FROM INVESTING ACTIVITIES			
Purchase of financial assets at fair value through other comprehensive income	$ -	$ (241,094)	$ (7,923)
Purchase of available-for-sale financial assets	(24,366)	-	-
Proceeds from disposal of available-for-sale financial assets	21,781	-	-
Proceeds from financial assets carried at cost	5,833	-	-
Acquisition of long-term equity investments accounted for by using the equity method	-	(470,073)	(15,448)
Payments for property, plant and equipment	(633,201)	(1,542,073)	(50,676)
Proceeds from disposal of property, plant and equipment	40,183	38,702	1,272
Payments for intangible assets	(8,323)	(47,080)	(1,547)
Decrease in long-term finance lease receivables	577,088	647,606	21,282
Increase in other financial assets	(11,320)	(628,825)	(20,665)
Decrease (increase) in other non-current assets	185,862	(258,133)	(8,483)
Increase in prepayments for leases	(65,236)	(132,160)	(4,343)
Interest received	123,332	182,515	5,998
Dividends received	491,521	684,639	22,499
Net cash generated from (used in) investing activities	703,154	(1,765,976)	(58,034)
CASH FLOWS FROM FINANCING ACTIVITIES			
Increase in short-term loans	1,568,999	48,737	1,602
Issuance of corporate bonds	-	11,976,044	393,560
Increase in long-term loans	1,875,728	13,600,000	446,927
Repayment of long-term loans	(6,744,733)	(11,326,009)	(372,199)
Decrease in short-term bills payable	(727,738)	(2,452,396)	(80,591)
Decrease in other non-current liabilities	(148,967)	(124,340)	(4,086)
Cash dividends paid	(1,978,222)	(116,265)	(3,821)
Payment for buy-back of treasury shares	-	(218,166)	(7,169)
Acquisition of subsidiaries	-	(160,438)	(5,272)
Partial disposal of interests in subsidiaries without a loss of control	-	618,156	20,314
Interest paid	(911,912)	(1,102,632)	(36,235)
Net cash generated from (used in) financing activities	(7,066,845)	10,742,691	353,030
EFFECTS OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS	(903,699)	(13,033)	(428)

(Continued)

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
(In Thousands)
(Reviewed, Not Audited)

	For the Six Months Ended June 30		
	2017	2018	
	NT$	NT$	US$ (Note 4)
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	$ (2,650,567)	$ 19,650,006	$ 645,745
CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE PERIOD	28,179,758	26,331,218	865,304
CASH AND CASH EQUIVALENTS AT THE END OF THE PERIOD	$ 25,529,191	$ 45,981,224	$ 1,511,049

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

(With Deloitte & Touche auditors' review report dated August 10, 2018) (Concluded)

1. GENERAL INFORMATION

Taiwan Cement Corporation (the "Corporation") was incorporated in 1946 and restructured as a corporation in 1951, which was jointly operated by the Ministry of Economics Resource Committee and the Taiwan Provincial Government. In 1954, the Corporation privatized as a result of the Taiwan government's land reform program, land-to-the-tiller policy. The Corporation engages in the manufacture and marketing of cement, cement-related products and ready-mixed concrete. The Corporation's shares have been listed on the Taiwan Stock Exchange since February 1962.

The consolidated financial statements of the Corporation and its subsidiaries, collectively referred to as the "Group", are presented in New Taiwan dollars, the functional currency of the Corporation.

2. APPROVAL OF FINANCIAL STATEMENTS

The consolidated financial statements were approved by the Corporation's board of directors on August 10, 2018.

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

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

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

   1) IFRS 9 "Financial Instruments" and related amendments

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

      <u>Classification, measurement and impairment of financial assets</u>

      On the basis of the facts and circumstances that existed as at January 1, 2018, the Group has performed an assessment of the classification of recognized financial assets and has elected not to restate prior reporting periods.

The following table shows the original measurement categories and carrying amounts under IAS 39 and the new measurement categories and carrying amounts under IFRS 9 for each class of the Group's financial assets as of January 1, 2018.

Financial Asset	Measurement Category IAS 39	Measurement Category IFRS 9	Carrying Amount IAS 39	Carrying Amount IFRS 9	Remark
Equity securities	Available-for-sale	Mandatorily at fair value through profit or loss (i.e. Mandatorily at FVTPL)	$ 307,090	$ 307,090	a)
	Available-for-sale	At fair value through other comprehensive income (i.e. FVTOCI) - equity instruments	28,165,590	28,165,590	a)
	Available-for-sale (recognized as financial assets carried at cost)	At FVTOCI - equity instruments	582,819	5,497,046	a)
Mutual funds	Held-for-trading	Mandatorily at FVTPL	147,049	147,049	
	Available-for-sale	Mandatorily at FVTPL	84,478	84,478	b)
Cash and cash equivalents, notes receivable, accounts receivable, other receivables, other financial assets, long-term finance lease receivables and loans and receivables measured at amortized cost	Loans and receivables	At amortized cost	88,120,239	88,120,239	c)

Financial Asset	IAS 39 Carrying Amount as of January 1, 2018	Reclassification	Remeasurement	IFRS 9 Carrying Amount as of January 1, 2018	Retained Earnings Effect on January 1, 2018	Other Equity Effect on January 1, 2018	Remark
FVTPL	$ 147,049	$ -	$ -	$ 147,049	$ -	$ -	
Add: Reclassification from available-for-sale (IAS 39) Required reclassification	-	391,568	-	391,568	152,191	-	a) and b)
	147,049	391,568	-	538,617	152,191	-	
FVTOCI							
Equity instruments							
Add: Reclassification from available-for-sale (IAS 39)	-	28,165,590	-	28,165,590	-	-	a)
Add: Reclassification from financial assets carried at cost (IAS 39)	-	582,819	4,914,227	5,497,046	501,814	4,243,857	a)
	-	28,748,409	4,914,227	33,662,636	501,814	4,243,857	
Amortized cost							
Add: Reclassification from loans and receivables (IAS 39)	-	88,120,239	-	88,120,239	-	-	c)
	$ 147,049	$ 117,260,216	$ 4,914,227	$ 122,321,492	$ 654,005	$ 4,243,857	

a) The Group elected to designate its investments in equity securities previously classified as available-for-sale under IAS 39 as at FVTPL and FVTOCI under IFRS 9. As a result, the related other equity - unrealized gain (loss) on available-for-sale financial assets of $19,914,980 thousand was reclassified to retained earnings of $152,157 thousand and other equity - unrealized gain (loss) on financial assets at FVTOCI of $19,762,823 thousand.

   Investments in unlisted shares previously carried at cost under IAS 39 have been designated as at FVTOCI under IFRS 9 and were remeasured at fair value. Consequently, an increase of $4,243,857 thousand was recognized in both financial assets at FVTOCI and other equity - unrealized gain (loss) on financial assets at FVTOCI on January 1, 2018.

   The Group recognized under IAS 39 impairment loss on certain investments in equity securities previously carried at cost and the loss was accumulated in retained earnings. Since those investments were designated as at FVTOCI under IFRS 9 and no impairment assessment is required, an adjustment was made that resulted in a decrease of $501,814 thousand in other equity - unrealized gain (loss) on financial assets at FVTOCI and an increase of $501,814 thousand in retained earnings on January 1, 2018.

b) Mutual funds previously classified as available-for-sale under IAS 39 were classified mandatorily as at FVTPL under IFRS 9, because the contractual cash flows are not solely payments of principal and interest on the principal outstanding and they are not equity instruments. The retrospective adjustment resulted in a decrease of $34 thousand in other equity - unrealized gain (loss) on available-for-sale financial assets and an increase of $34 thousand in retained earnings on January 1, 2018.

c) Notes receivable, accounts receivable (including related parties transactions), other receivables (including related parties transactions), other financial assets and long-term finance lease receivables that were previously classified as loans and receivables under IAS 39 were classified as measured at amortized cost with an assessment of expected credit losses under IFRS 9.

2) IFRS 15 "Revenue from Contracts with Customers" and related amendments

IFRS 15 establishes principles for recognizing revenue that apply to all contracts with customers and supersedes IAS 18 "Revenue", IAS 11 "Construction Contracts" and a number of revenue-related interpretations. Refer to Note 4 for related accounting policies.

The application of IFRS 15 has no material impact on the Group. The Group elected only to retrospectively apply IFRS 15 to contracts that were not completed as of January 1, 2018. The transaction price received is recognized as a contract liability until the goods have been delivered to the customer.

Impact on liabilities for current period

	As Originally Stated	Adjustments Arising from Initial Application	Restated
Advance receipts	$ 4,548,755	$ (4,548,755)	$ -
Contract liabilities - current	-	4,548,755	4,548,755
Total effect on liabilities	$ 4,548,755	$ -	$ 4,548,755

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

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

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

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

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

IFRS 16 "Leases"

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

Definition of a lease

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

The Group as lessee

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

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

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

The Group expects to apply the following practical expedients:

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

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

3) The Group will exclude initial direct costs from the measurement of right-of-use assets on January 1, 2019.

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

The Group as lessor

The Group will not make any adjustments for leases in which it is a lessor and will account for those leases with the application of IFRS 16 starting from January 1, 2019. The application of IFRS 16 is not expected to have a material impact on the accounting of the Group as lessor.

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

c. The New IFRSs issued by IASB but not yet endorsed and issued into effect by FSC

New IFRSs	**Effective Date Issued by IASB (Note)**
Amendments to IFRS 10 and IAS 28 "Sale or Contribution of Assets between an Investor and its Associate or Joint Venture"	To be determined by IASB
Amendments to IFRS 17 "Insurance Contracts"	January 1, 2021

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

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

4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

a. Statement of compliance

These interim consolidated financial statements have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and IAS 34 "Interim Financial Reporting" as endorsed and issued into effect by the FSC. The disclosed information included in these interim consolidated financial statements is less than the disclosed information required in a complete set of annual consolidated financial statements.

b. Basis of preparation

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

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

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

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

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

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

Current assets include:

1) Assets held primarily for the purpose of trading;

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

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

Current liabilities include:

1) Liabilities held primarily for the purpose of trading;

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

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

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

The Group engages in the construction business, which has an operating cycle of over 1 year. The normal operating cycle applies when considering the classification of the Group's construction-related assets and liabilities.

d. Basis of consolidation

The consolidated financial statements incorporate the financial statements of the Corporation and the entities controlled by the Corporation.

Income and expenses of subsidiaries acquired or disposed of during the period are included in the consolidated statement of profit or loss and other comprehensive income from the effective dates of acquisitions or up to the effective dates of disposals, as appropriate.

When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with those used by the Corporation.

All intra-group transactions, balances, income and expenses are eliminated in full upon consolidation. Total comprehensive income of subsidiaries is attributed to the owners of the Corporation and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.

Changes in the Group's ownership interests in subsidiaries that do not result in the Group losing control over the subsidiaries are accounted for as equity transactions. The carrying amounts of the Group's interests and the non-controlling interests are adjusted to reflect the changes in its relative interests in the subsidiaries. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognized directly in equity and attributed to the owners of the Corporation.

When the Group loses control of a subsidiary, a gain or loss is recognized in profit or loss and is calculated as the difference between (i) the aggregate of the fair value of the consideration received and any investment retained in the former subsidiary at its fair value at the date when control is lost and (ii) the assets (including any goodwill) and liabilities and any non-controlling interests of the former subsidiary at their carrying amounts at the date when control is lost. The Group accounts for all amounts recognized in other comprehensive income in relation to that subsidiary on the same basis as would be required if the Group had directly disposed of the related assets or liabilities.

The fair value of any investment retained in the former subsidiary at the date when control is lost is regarded as the cost on initial recognition of an investment in an associate.

Refer to Note 13 for detailed information on subsidiaries (including the percentages of ownership and main businesses).

e. Business combinations

Acquisitions of businesses are accounted for by using the acquisition method. Acquisition-related costs are generally recognized in profit or loss as they are incurred.

Goodwill is measured as the excess of the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree, and the fair value of the acquirer's previously held equity interests in the acquiree over the net of the acquisition-date amounts of the identifiable assets acquired and the liabilities assumed.

For each business combination, the Group measures the non-controlling interests at either fair value or the share in the recognized amounts of the acquiree's identifiable net assets. Non-controlling interests that are present ownership interests and entitle their holders to a proportionate share of the entity's net assets, in the event of liquidation, may be initially measured at the non-controlling interests' proportionate share of the recognized amounts of the acquiree's identifiable net assets. The choice of the measurement basis is made on a transaction-by-transaction basis. Other types of non-controlling interests are measured at fair value.

When a business combination is achieved in stages, the Group's previously held equity interest in an acquiree is remeasured to fair value at the acquisition date, and the resulting gain or loss is recognized in profit or loss. Amounts arising from interests in the acquiree prior to the acquisition date that have previously been recognized in other comprehensive income are recognized on the same basis as would be required if those interests were directly disposed of by the Group.

If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the Group reports provisional amounts for the items for which the accounting is incomplete. Those provisional amounts are adjusted retrospectively during the measurement period or additional assets or liabilities are recognized to reflect new information obtained about facts and circumstances that existed as of the acquisition date that, if known, would have affected the amounts recognized as of that date.

f. Foreign currencies

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

At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Exchange differences on monetary items arising from settlement or translation are recognized in profit or loss in the period except for exchange differences on transactions entered into in order to hedge certain foreign currency risks.

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

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

For the purpose of presenting consolidated financial statements, the functional currencies of the Corporation and the group entities (including subsidiaries, associates and joint ventures in other countries that use currencies that are different from the currency of the Corporation) are translated into the presentation currency, the New Taiwan dollar, as follows: Assets and liabilities are translated at the exchange rates prevailing at the end of the reporting period; income and expense items are translated at the average exchange rates for the period. The resulting currency translation differences are recognized in other comprehensive income (attributed to the owners of the Corporation and non-controlling interests as appropriate).

On the disposal of a foreign operation (i.e. a disposal of the Group's entire interest in a foreign operation, or a disposal involving the loss of control over a subsidiary that includes a foreign operation, or a partial disposal of an interest in a joint arrangement or an associate that includes a foreign operation of which the retained interest becomes a financial asset), all of the exchange differences accumulated in equity in respect of that operation are reclassified to profit or loss.

In relation to a partial disposal of a subsidiary that does not result in the Group losing control over the subsidiary, the proportionate share of accumulated exchange differences is re-attributed to non-controlling interests of the subsidiary and is not recognized in profit or loss. For all other partial disposals, the proportionate share of the accumulated exchange differences recognized in other comprehensive income is reclassified to profit or loss.

Goodwill and fair value adjustments on identifiable assets and liabilities acquired arising from the acquisition of a foreign operation are treated as assets and liabilities of the foreign operation and translated at the rate of exchange prevailing at the end of each reporting period. Exchange differences arising are recognized in other comprehensive income.

g. Inventories

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

h. Investments in associates and joint ventures

An associate is an entity over which the Group has significant influence and that is neither a subsidiary nor an interest in a joint venture. A joint venture is a joint arrangement whereby the Group and other parties that have joint control of the arrangement have rights to the net assets of the arrangement.

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

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

Any excess of the cost of an acquisition over the Group's share of the net fair value of the identifiable assets and liabilities of an associate or a joint venture at the date of acquisition is recognized as goodwill, which is included within the carrying amount of the investment and is not amortized. Any excess of the Group's share of the net fair value of the identifiable assets and liabilities over the cost of acquisition, after reassessment, is recognized immediately in profit or loss.

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

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

The entire carrying amount of an investment (including goodwill) is tested for impairment as a single asset by comparing its recoverable amount with its carrying amount. Any impairment loss recognized forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognized to the extent that the recoverable amount of the investment subsequently increases.

The Group discontinues the use of the equity method from the date on which its investment ceases to be an associate and a joint venture. Any retained investment is measured at fair value at that date, and the fair value is regarded as the investment's fair value on its initial recognition as a financial asset. The difference between the previous carrying amount of the associate and joint venture attributable to the retained interest and its fair value is included in the determination of the gain or loss on disposal of the associate and the joint venture. The Group accounts for all amounts previously recognized in other comprehensive income in relation to that associate and joint venture on the same basis as would be required if that associate had directly disposed of the related assets or liabilities. 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 Group continues to apply the equity method and does not remeasure the retained interest.

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

i. Property, plant and equipment

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

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

Freehold land is not depreciated.

Depreciation on property, plant and equipment (including assets held under finance leases) is recognized using the straight-line method. Each significant part is depreciated separately. If a lease term is shorter than the assets' useful lives, such assets are depreciated over the lease term. The estimated useful lives, residual values and depreciation methods are reviewed at the end of each reporting period, with the effect of any changes in the estimates accounted for on a prospective basis.

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

j. Investment properties

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

Investment properties are initially measured at cost, including transaction costs. Subsequent to initial recognition, investment properties are measured at cost less accumulated depreciation and accumulated impairment loss. Depreciation is recognized using the straight-line method.

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

k. Goodwill

Goodwill arising from the acquisition of a business is carried at cost as established at the date of the acquisition of the business less accumulated impairment loss.

For the purposes of impairment testing, goodwill is allocated to each of the Group's cash-generating units or groups of cash-generating units (referred to as "cash-generating units") that is expected to benefit from the synergies of the combination.

A cash-generating unit to which goodwill has been allocated is tested for impairment annually or more frequently when there is an indication that the unit may be impaired by comparing its carrying amount, including the attributed goodwill, with its recoverable amount. However, if the goodwill allocated to a cash-generating unit or groups of cash-generating units was acquired in a business combination during the current annual period, that unit shall be tested for impairment before the end of the current annual period. If the recoverable amount of the cash-generating unit or groups of cash-generating units is less than its carrying amount, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the unit and then to the other assets of the unit pro rata based on the carrying amount of each asset in the unit. Any impairment loss is recognized directly in profit or loss. An impairment loss recognized for goodwill is not reversed in subsequent periods.

If goodwill has been allocated to a cash-generating unit and the entity disposes of an operation within that unit, the goodwill associated with the operation that is disposed of is included in the carrying amount of the operation when determining the gain or loss on disposal and is measured on the basis of the relative values of the operation disposed of and the portion of the cash-generating unit retained.

l. Intangible assets

1) Intangible assets acquired separately

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

When the Group has a right to charge for usage of concession infrastructure (as a consideration for providing construction services in a service concession arrangement), it is initially recognized as an intangible asset at its fair value. The intangible asset is subsequently measured at cost less accumulated amortization and any accumulated impairment loss.

2) Intangible assets acquired in a business combination

Intangible assets acquired in a business combination and recognized separately from goodwill are initially recognized at their fair value at the acquisition date. Subsequent to initial recognition, they are measured on the same basis as intangible assets that are acquired separately.

3) Derecognition of intangible assets

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

m. Impairment of tangible and intangible assets other than goodwill

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

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

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

n. Non-current assets held for sale

Non-current assets are classified as held for sale if their carrying amounts will be recovered principally through a sale transaction rather than through continuing use. This condition is regarded as met only when the sale is highly probable and the non-current asset is available for immediate sale in its present condition. To meet the criteria for the sale being highly probable, the appropriate level of management must be committed to the sale, which should be expected to qualify for recognition as a completed sale within 1 year from the date of classification.

When a sale plan would result in a loss of control of a subsidiary, all of the assets and liabilities of that subsidiary are classified as held for sale, regardless of whether the Group will retain a non-controlling interest in that subsidiary after the sale.

When the Group is committed to a sale plan involving the disposal of an investment or a portion of an investment in an associate or a joint venture, only the investment or the portion of the investment that will be disposed of is classified as held for sale when the classification criteria are met, and the Group discontinues the use of the equity method in relation to the portion that is classified as held for sale. Any retained portion of an investment in an associate or a joint venture that has not been classified as held for sale continues to be accounted for using the equity method. If the Group ceases to have significant influence or joint control over the investment after the disposal takes place, the Group accounts for any retained interest that has not been classified as held for sale in accordance with the accounting policies for financial instruments.

Non-current assets classified as held for sale are measured at the lower of their previous carrying amount and fair value less costs to sell. Recognition of depreciation of those assets would cease.

When a subsidiary, joint operation, joint venture, associate, or a portion of an interest in a joint venture or an associate previously classified as held for sale no longer meets the criteria to be so classified, it is measured at the carrying amount that would have been recognized had such interests not been classified as held for sale. The consolidated financial statements for the periods since classification as held for sale are amended accordingly.

o. Financial instruments

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

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

1) Financial assets

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

a) Measurement categories

2018

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

i. Financial assets at FVTPL

Financial assets are classified as at FVTPL when the financial assets are mandatorily classified as at FVTPL. Financial assets mandatorily classified as at FVTPL include investments in equity instruments which are not designated as at FVTOCI.

Financial assets at FVTPL are subsequently measured at fair value, with any gains or losses arising on their remeasurement recognized in profit or loss. Fair value is determined in the manner described in Note 29.

ii. Financial assets at amortized cost

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

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

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

Subsequent to initial recognition, financial assets at amortized cost, including cash and cash equivalents and trade receivables at amortized cost, are measured at amortized cost, which equals the gross carrying amount determined by the effective interest method less any impairment loss. Exchange differences are recognized in profit or loss.

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

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

ii) Financial assets that have subsequently become credit-impaired, for which interest income is calculated by applying the effective interest rate to the amortized cost of such financial assets.

Cash equivalents include time deposits with original maturities within 3 months from the date of acquisition and bonds with repurchase agreements, which are highly liquid, readily convertible to a known amount of cash and are subject to an insignificant risk of changes in value. These cash equivalents are held for the purpose of meeting short-term cash commitments.

iii. Investments in equity instruments at FVTOCI

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

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

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

2017

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

i. Financial assets at FVTPL

Financial assets are classified as at FVTPL when a financial asset is held for trading.

Financial assets at FVTPL are subsequently measured at fair value, with any gains or losses arising on their remeasurement recognized in profit or loss. Fair value is determined in the manner described in Note 29.

ii. Available-for-sale financial assets

Available-for-sale financial assets are non-derivatives that are either designated as available-for-sale or are not classified as loans and receivables, held-to-maturity investments or financial assets at fair value through profit or loss.

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

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

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

iii. Loans and receivables

Loans and receivables are measured at amortized cost using the effective interest method less any impairment, except for short-term receivables when the effect of discounting is immaterial.

Cash equivalents include time deposits with original maturities within 3 months from the date of acquisition and bonds with repurchase agreements, which are highly liquid, readily convertible to a known amount of cash and are subject to an insignificant risk of changes in value. These cash equivalents are held for the purpose of meeting short-term cash commitments.

b) Impairment of financial assets

2018

The Group recognizes a loss allowance for expected credit losses on financial assets at amortized cost (including accounts receivable), lease receivables, as well as contract assets.

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

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

The Group recognizes an impairment gain or loss in profit or loss for all financial instruments with a corresponding adjustment to their carrying amount through a loss allowance account.

2017

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

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

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

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

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

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

In respect of available-for-sale equity securities, impairment loss previously recognized in profit or loss is not reversed through profit or loss. Any increase in fair value subsequent to an impairment loss is recognized in other comprehensive income. In respect of available-for-sale debt securities, impairment loss is subsequently reversed through profit or loss if an increase in the fair value of the investment can be objectively related to an event occurring after the recognition of the impairment loss.

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

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

c) Derecognition of financial assets

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

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

2) Equity instruments

Debt and equity instruments issued by a group entity are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangements and the definitions of a financial liability and an equity instrument.

Equity instruments issued by a group entity are recognized at the proceeds received, net of direct issue costs.

The repurchase of the Corporation's own equity instruments is recognized in and deducted directly from equity. No gain or loss is recognized in profit or loss on the purchase, sale, issuance or cancellation of the Corporation's own equity instruments.

3) Financial liabilities

a) Subsequent measurement

Except for financial liabilities at FVTPL, all financial liabilities are carried at amortized cost using the effective interest method.

Financial liabilities are classified as at FVTPL when such a financial liability is either held for trading or is designated as at FVTPL.

Financial liabilities held for trading are stated at fair value, with any gain or loss arising on remeasurement recognized in profit or loss. Fair value is determined in the manner described in Note 29.

A financial liability may be designated as at FVTPL upon initial recognition when doing so results in more relevant information and if:

i. Such designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise; or

ii. The financial liability forms part of a group of financial assets or financial liabilities or both, which is managed and has performance evaluated on a fair value basis, in accordance with the Corporation's documented risk management or investment strategy, and information about the grouping is provided internally on that basis; or

iii. The contract contains one or more embedded derivatives so that the entire combined contract (asset or liability) can be designated as at FVTPL.

For a financial liability designated as at fair value through profit or loss, the amount of changes in fair value attributable to changes in the credit risk of the liability is presented in other comprehensive income and will not be subsequently reclassified to profit or loss. The remaining amount of changes in the fair value of that liability is recognized in profit or loss. The gain or loss accumulated in other comprehensive income will be transferred to retained earnings when such financial liabilities are derecognized. If this accounting treatment related to credit risk would create or enlarge an accounting mismatch, all changes in fair value of the liability are presented in profit or loss.

b) Derecognition of financial liabilities

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

4) Derivative financial instruments

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

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

Before 2018, derivatives embedded in non-derivative host contracts were treated as separate derivatives when: They met the definition of a derivative; their risks and characteristics were not closely related to those of the host contracts; and the contracts were not measured at FVTPL. Starting from 2018, derivatives embedded in hybrid contracts that contain financial asset hosts within the scope of IFRS 9 are not separated; instead, the classification is determined in accordance with the entire hybrid contract. Derivatives embedded in non-derivative host contracts that are not financial assets within the scope of IFRS 9 (e.g. financial liabilities) are treated as separate derivatives when: They meet the definition of a derivative; their risks and characteristics are not closely related to those of the host contracts; and the host contracts are not measured at FVTPL.

p. Hedge accounting

The effects of changes in the fair value of derivatives that are designated and qualify as cash flow hedges are recognized in other comprehensive income. The gains or losses relating to the ineffective portion is recognized immediately in profit or loss.

The associated gains or losses that were recognized in other comprehensive income are reclassified from equity to profit or loss as a reclassification adjustment in the line item relating to the hedged item in the same period as when the hedged item affects profit or loss. If a hedge of a forecast transaction subsequently results in the recognition of a non-financial asset or a non-financial liability, the associated gains and losses that were recognized in other comprehensive income are removed from equity and are included in the initial cost of the non-financial asset or non-financial liability.

Before 2018, hedge accounting was discontinued prospectively when the Group revoked the designated hedging relationship, or when the hedging instrument expired or was sold, terminated, or exercised, or when it no longer met the criteria for hedge accounting. Starting from 2018, the Group discontinues hedge accounting only when the hedging relationship ceases to meet the qualifying criteria; for instance, when the hedging instrument expires or is sold, terminated or exercised. The hedging instrument's cumulative gain or loss previously recognized in other comprehensive income during the period of hedge effectiveness remains separately in equity until the forecasted transaction occurs. When a forecasted transaction is no longer expected to occur, the gain or loss accumulated in equity is then recognized immediately in profit or loss.

q. Revenue recognition

2018

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

1) Revenue from the sale of goods is recognized when the goods are delivered to customer' specific location and the ownership of the goods is transferred to customer.

2) Service income is recognized by reference to the stage of completion of the contract or when services are provided. Freight revenue is recognized by reference to the proportion of the voyage period.

3) Revenue from electric power is calculated according to the volume of electric power sold and the energy rate.

2017

Revenue is measured at the fair value of the consideration received or receivable. Revenue is reduced for estimated customer returns, rebates and other similar allowances. Allowances for sales returns and liabilities for returns are recognized at the time of sale based on the seller's reliable estimate of future returns and based on past experience and other relevant factors.

1) Sale of goods

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

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

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

c) The amount of revenue can be measured reliably;

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

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

2) Provision of services

Service income, including that from operating services provided under service concession arrangements, is recognized when services are provided.

Freight revenue is recognized by reference to the proportion of the voyage period completed.

Revenue from a contract to provide services is recognized by reference to the stage of completion of the relevant contract or when services are provided.

3) Sale of electric power

Revenue from electric power is calculated according to the volume of electric power sold and the energy rate.

4) Dividend and interest income

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

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

r. Leasing

Leases are classified as finance leases whenever the terms of a lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases. The lease component of all electric power selling contracts identified in accordance with IFRIC 4 "Determining Whether an Arrangement Contains a Lease" is classified as a finance lease.

1) The Group as lessor

Amounts due from lessees under finance leases are recognized as receivables at the amount of the Group's net investment in the leases. Finance lease income is allocated to accounting periods so as to reflect a constant periodic rate of return on the Group's net investment outstanding in respect of the leases.

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

2) The Group as lessee

Assets held under finance leases are initially recognized as assets of the Group at their fair value at the inception of the lease or, if lower, at the present value of the minimum lease payments. The corresponding liability to the lessor is included in the consolidated balance sheet as a finance lease obligation.

Finance expenses implicit in lease payments for each period are recognized immediately in profit or loss, unless they are directly attributable to qualifying assets, and in which case they are capitalized.

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

s. Borrowing costs

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

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

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

t. Government grants

Government grants are not recognized until there is reasonable assurance that the Group will comply with the conditions attached to them and that the grants will be received. Government grants that are receivable as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to the Group with no future related costs are recognized in profit or loss in the period in which they become receivable. Relevant grants of an asset are recognized as deferred revenue or a reduction of the asset's cost on a straight-line basis.

u. Employee benefits

1) Short-term employee benefits

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

2) Retirement benefits

Payments to defined contribution retirement benefit plans are recognized as an expense when employees have rendered services entitling them to the contributions.

Pension costs for an interim period are calculated on a year-to-date basis by using the respective actuarially determined annual pension cost discount rate which is the end of the prior financial year, adjusted for significant market fluctuations since that time and for significant plan amendments, settlements, or other significant one-off events.

3) Other long-term employee benefits

Other long-term employee benefits are accounted for in the same way as the accounting required for a defined benefit plan except that remeasurement is recognized in profit or loss.

v. Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax. The interim period income tax is assessed on an annual basis and calculated by applying to an interim period's pre-tax income the tax rate that would be applicable to the expected total annual earnings. The effect of a change in tax rate resulting from a change in the tax law is recognized consistent with the accounting for the transaction itself which gives rise to the tax consequence, and is recognized in profit or loss and other comprehensive income in full in the period in which the change in tax rate occurs.

1) Current tax

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

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

2) Deferred tax

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

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

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

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

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

3) Current and deferred taxes for the reporting period

Current and deferred taxes are recognized in profit or loss, except when they relate to items that are recognized in other comprehensive income or directly in equity, and in which case, the current and deferred taxes are also recognized in other comprehensive income or directly in equity. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for the business combination.

w. U.S. dollar amounts (unreviewed)

The translation of New Taiwan dollar (NT$) amounts into U.S. dollar (US$) amounts in the consolidated financial statements as of and for the six months ended June 30, 2018 is included solely for the convenience of the readers. The translation was performed at an exchange rate of NT$30.43:US$1.00, which is the June 29, 2018 exchange rate set forth in the statistical release of the U.S. Federal Reserve Board of the United States. The translation should not be seen to represent the past, present or future possible exchange rates for the conversion of NT$ amounts to US$ amounts.

5. CRITICAL ACCOUNTING JUDGMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

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

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

a. Impairment loss of goodwill

Determining whether goodwill is impaired requires an estimation of the value in use of the cash-generating units to which goodwill has been allocated. The calculation of the value in use requires management to estimate the future cash flows expected to arise from the cash-generating units and a suitable discount rate in order to calculate the present value. Where the actual future cash flows are less than expected, a material impairment loss may arise.

b. Impairment loss of property, plant and equipment

The impairment loss of property, plant and equipment in relation to production was based on the recoverable amounts of those assets, which is the higher of their fair value less costs of disposal and their value in use. Any changes in the market prices or future cash flows will affect the recoverable amounts of those assets and may lead to the recognition of additional impairment losses or the reversal of impairment losses.

6. CASH AND CASH EQUIVALENTS

	June 30, 2017	December 31, 2017	June 30, 2018
Cash on hand	$ 9,177	$ 8,031	$ 8,182
Checking accounts and demand deposits	14,715,759	15,092,905	25,633,374
Cash equivalents			
Time deposits with original maturities of less than 3 months	9,478,575	10,148,250	17,332,188
Bonds with repurchase agreements	1,325,680	1,082,032	3,007,480
	$ 25,529,191	$ 26,331,218	$ 45,981,224

The market rate intervals of cash in banks and bonds with repurchase agreements at the end of the reporting period were as follows:

	June 30, 2017	December 31, 2017	June 30, 2018
Cash in banks	0.01%-2.60%	0.01%-2.60%	0.01%-2.60%
Bonds with repurchase agreements	0.33%-1.25%	0.34%-2.00%	0.42%-0.43%

As of June 30, 2017, December 31, 2017 and June 30, 2018, time deposits with original maturities of more than 3 months were $356,184 thousand, $916,813 thousand and $1,643,752 thousand, respectively, which were classified to other financial assets.

7. FINANCIAL INSTRUMENTS AT FAIR VALUE THROUGH PROFIT OR LOSS

	June 30, 2017	December 31, 2017	June 30, 2018
Financial assets held for trading			
Non-derivative financial assets			
Mutual funds	$ 147,673	$ 147,049	$ -
Financial assets mandatorily classified as at FVTPL			
Non-derivative financial assets			
Domestic listed shares	-	-	303,094
Domestic emerging market shares	-	-	88,359
Mutual funds	-	-	232,161
	$ 147,673	$ 147,049	$ 623,614

8. FINANCIAL ASSETS AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME (INVESTMENTS IN EQUITY INSTRUMENTS) - 2018

	June 30, 2018
Current	
Domestic investments	
Listed shares	$ 6,577,217
Non-current	
Domestic investments	
Listed shares	$ 3,684,495
Unlisted shares	6,081,976
	9,766,471
Foreign investments	
Listed shares	23,476,792
Unlisted shares	3,159
	23,479,951
	$ 33,246,422

These investments in equity instruments were classified as available-for-sale and financial assets carried at cost under IAS 39. Refer to Note 3 for information relating to their reclassification and comparative information for 2017.

Based on the Group's future investment strategies, the Group reclassified the investments in the foreign listed companies, Anhui Conch Cement Co., Ltd. and China Conch Venture Holdings Limited, from current assets to non-current assets in March 2018.

During the three months ended March 31, 2018, the Group paid $673,918 thousand to acquire shares of E-ONE Moli Energy Corporation and increased the Group's percentage of ownership from 15.1% to 29.9%. With a significant impact on the investee, the original investments previously recognized as financial assets at FVTOCI were considered as disposed of and reclassified to investments accounted for by using the equity method. The amount of $681,779 thousand, which was previously recognized as other equity - unrealized gain (loss) on financial assets at FVTOCI, was reclassified to retained earnings.

Refer to Note 31 for information relating to investments in equity instruments at FVTOCI pledged as collateral for credit accommodations.

9. AVAILABLE-FOR-SALE FINANCIAL ASSETS - 2017

	June 30, 2017	December 31, 2017
Domestic investments		
Listed shares	$ 8,747,848	$ 10,145,547
Emerging market shares	98,945	89,037
Mutual funds	24,375	84,478
	8,871,168	10,319,062
Foreign investments		
Listed shares	13,893,667	18,238,096
	$ 22,764,835	$ 28,557,158
Current	$ 18,168,327	$ 25,101,220
Non-current	4,596,508	3,455,938
	$ 22,764,835	$ 28,557,158

Refer to Note 31 for information relating to available-for-sale financial assets pledged as collateral for credit accommodations.

10. NOTES AND ACCOUNTS RECEIVABLE

	June 30, 2017	December 31, 2017	June 30, 2018
Notes receivable	$ 13,689,280	$ 20,017,541	$ 24,248,591
Accounts receivable	6,866,268	7,201,163	8,382,217
Less: Allowance for impairment loss	(156,008)	(142,242)	(87,414)
	$ 20,399,540	$ 27,076,462	$ 32,543,394

For the six months ended June 30, 2018

Except when recognizing an allowance for impairment loss on an individual customer's accounts receivable for which credit losses have actually taken place, the Group separates all customers into different segments based on their risk and determines their expected credit loss rate by reference to past default experience with the counterparties and an analysis of their current financial positions.

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

	June 30, 2018
Up to 90 days	$ 21,254,386
91-180 days	10,085,850
181-365 days	1,127,015
Over 365 days	76,143
	$ 32,543,394

The above aging schedule was based on the number of days past due from the invoice date.

The movements of the allowance for doubtful notes and accounts receivable were as follows:

	For the Six Months Ended June 30, 2018
Balance at January 1, 2018 per IAS 39	$ 142,242
Adjustment on initial application of IFRS 9	-
Balance at January 1, 2018 per IFRS 9	142,242
Less: Impairment losses reversed	(305)
Less: Amounts written off	(56,010)
Foreign exchange translation gains and losses	1,487
Balance at June 30, 2018	$ 87,414

For the six months ended June 30, 2017

In determining the recoverability of notes and accounts receivable, the Group considered any change in the credit quality of the notes and accounts receivable since the date credit was initially granted to the end of the reporting period. The Group recognized an allowance for impairment loss of 100% against a receivable when there was indication that the receivable was impaired, and the allowance for impairment loss was recognized against the rest of the past due receivables based on the estimated irrecoverable amounts determined by reference to the past default experience with the counterparties and an analysis of their current financial positions.

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

The Group had a wide range of unrelated customers, hence the concentration in credit risk is relatively limited.

The aging analysis of receivables was as follows:

	June 30, 2017	December 31, 2017
Up to 90 days	$ 14,770,052	$ 20,070,369
91-180 days	5,464,682	6,646,244
181-365 days	109,917	245,462
Over 365 days	54,889	114,387
	$ 20,399,540	$ 27,076,462
Receivables past due but not impaired	$ 25,845	$ 90,666

The above aging schedule was based on the number of days past due from the invoice date.

The movements of the allowance for doubtful notes and accounts receivable were as follows:

	Individually Assessed for Impairment	Collectively Assessed for Impairment	Total
Balance at January 1, 2017	$ 99,256	$ 36,749	$ 136,005
Impairment losses recognized (reversed)	17,775	(1,274)	16,501
Write-offs	-	(1,730)	(1,730)
Effects of exchange rate changes	5,232	-	5,232
Balance at June 30, 2017	$ 122,263	$ 33,745	$ 156,008

11. FINANCE LEASE RECEIVABLES

	June 30, 2017	December 31, 2017	June 30, 2018
Not later than 1 year	$ 5,032,499	$ 4,954,918	$ 4,884,845
Later than 1 year and not later than 5 years	20,731,154	21,155,252	21,185,172
Later than 5 years	35,980,482	33,001,970	30,641,618
	61,744,135	59,112,140	56,711,635
Less: Unearned finance income	27,489,352	25,398,223	23,574,806
Less: Allowance for impairment loss	47,878	47,878	47,878
Present value of minimum lease payments	$ 34,206,905	$ 33,666,039	$ 33,088,951
Current (included in accounts receivable)	$ 1,117,953	$ 1,240,455	$ 1,310,973
Non-current	33,088,952	32,425,584	31,777,978
	$ 34,206,905	$ 33,666,039	$ 33,088,951

After transitioning to IFRSs, the Group’s electric power selling contracts with guaranteed power generation periods fall under IFRIC 4 “Determining Whether an Arrangement Contains a Lease” and IAS 17 “Leases”. The lease was denominated in New Taiwan dollars, and the term entered into was 25 years.

The interest rate inherent in the lease was fixed at the contract date for the entire lease term. The interest rate inherent in the finance lease was approximately 11.18%.

Refer to Note 31 for information relating to financial lease receivables pledged as collateral for bank borrowings, which were recorded under property, plant and equipment before transitioning to IFRSs.

12. INVENTORIES

	June 30, 2017	December 31, 2017	June 30, 2018
Finished goods	$ 2,363,661	$ 1,806,371	$ 2,129,063
Work in process	1,476,566	1,096,548	1,592,065
Raw materials	5,375,236	5,451,603	5,204,300
Buildings and land held for sale	144,571	-	-
	$ 9,360,034	$ 8,354,522	$ 8,925,428

The cost of goods sold included reversals of inventory write-downs were as follows:

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Reversals of inventory write-downs recognized	$ 22,510	$ 51,452	$ 13,299	$ 62,904

The recovery of inventories' net realizable values was mainly due to the rebound in market price.

Refer to Note 32 for information relating to bills of lading pledged as collateral for bank borrowings.

13. SUBSIDIARIES

a. Subsidiaries included in consolidated financial statements

The consolidated financial statements include subsidiaries as follows:

Investor	Investee	Main Business	Proportion of Ownership (%) June 30, 2017	December 31, 2017	June 30, 2018	Remark
Taiwan Cement Corporation	Taiwan Transport & Storage Corporation	Warehousing, transportation and sale of sand and gravel	83.9	83.9	83.9	
	TCC Investment Corporation	Investment	100.0	100.0	100.0	
	Kuan-Ho Refractories Industry Corporation	Production and sale of refractory materials	95.3	95.3	95.3	
	Kuan-Ho Construction & Development Corporation	Construction and lease services	92.9	92.9	-	5)
	Hong Kong Cement Manufacturing Co., Ltd. ("HKCMCL")	Investment holding	84.7	84.7	84.7	
	Ta-Ho Maritime Corporation	Marine transportation	64.8	64.8	64.8	9)
	Taiwan Cement Engineering Corporation	Engineering services	99.0	99.0	99.0	
	TCC Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	4)
	TCC Chemical Corporation	Leasing property and energy technology services	100.0	100.0	100.0	5), 9)
	TCC Information Systems Corporation	Information software	99.4	99.4	99.4	
	Taiwan Prosperity Chemical Corporation	Processing and sale of chemical material	50.0	50.0	41.7	2), 8), 9)
	Tung Chen Mineral Corporation	Afforestation and sale of limestone	99.5	99.5	99.5	
	Jin Chang Minerals Corporation	Afforestation and sale of limestone	100.0	100.0	100.0	
	Hoping Industrial Port Corporation	Hoping Industrial Port management	100.0	100.0	100.0	9)
	TCC International Ltd. ("TCCI")	Investment holding	100.0	100.0	100.0	9)
	Ho-Ping Power Company	Thermal power generation	59.5	59.5	59.5	9)
	Ta-Ho Onyx Taitung Environment Co., Ltd.	Waste collection and treatment	100.0	100.0	100.0	
	HPC Power Service Corporation	Business consulting	60.0	60.0	60.0	9)
	E.G.C. Cement Corporation	Sale of cement	50.6	50.6	50.6	

(Continued)

Investor	Investee	Main Business	Proportion of Ownership (%) June 30, 2017	December 31, 2017	June 30, 2018	Remark
	Feng Sheng Enterprise Company	Sale of ready-mixed concrete	45.4	45.4	45.4	8)
	Trans Philippines Mineral Corporation ("TPMC")	Mining excavation	40.0	40.0	40.0	8)
	Taicorn Minerals Corporation ("TMC")	Mining excavation	72.7	72.7	72.7	
	Ta-Ho Onyx RSEA Environment Co., Ltd.	Waste collection and treatment	66.6	66.6	66.6	
	Ho Sheng Mining Co., Ltd.	Mining excavation	100.0	100.0	100.0	
	TCC International Holdings Ltd. ("TCCIH")	Investing holding	-	24.1	24.1	1)
Taiwan Transport & Storage Corporation	E.G.C. Cement Corporation	Sale of cement	44.4	44.4	44.4	
	Ho Swen Construction Material Co., Ltd.	Sand and gravel filtering and sale	51.0	51.0	51.0	3)
	Ta-Ho Maritime Corporation	Marine transportation	27.5	27.5	29.2	2), 9)
TCC Investment Corporation	Union Cement Traders Inc.	Import and export trading	100.0	100.0	100.0	
	Ho-Ping Power Company	Thermal power generation	0.5	0.5	0.5	9)
	Taiwan Prosperity Chemical Corporation	Processing and sale of chemical material	0.5	0.2	0.2	2), 9)
	Ta-Ho Maritime Corporation	Marine transportation	-	-	-	9)
HKCMCL	TCC Development Ltd.	Property leasing	100.0	100.0	100.0	
Ta-Ho Maritime Corporation	Ta-Ho Maritime Holdings Ltd.	Investment	100.0	100.0	100.0	
Taiwan Cement Engineering Corporation	TCEC Corporation	Investment	100.0	100.0	100.0	
TCC Information Systems Corporation	Taicem Information (Samoa) Pte., Ltd.	Investment	100.0	100.0	100.0	
Hoping Industrial Port Corporation	Taiwan Prosperity Chemical Corporation	Processing and sale of chemical material	2.3	2.3	2.3	9)
TCCI	TCCIH	Investment holding	63.1	75.9	75.9	1), 9)
Feng Sheng Enterprise Company	Ho Swen Construction Material Co., Ltd.	Sand and gravel filtering and sale	9.0	9.0	9.0	3)
TPMC	TMC	Mining excavation	18.2	18.2	18.2	
Union Cement Traders Inc.	Taiwan Transport & Storage Corporation	Warehousing, transportation and sale of sand and gravel	0.7	0.7	0.7	
Ho-Ping Power Company	Ho-Ping Renewable Energy Company	Renewable energy generation	-	-	100.0	6)
TCC Green Energy Corporation	TCC Chiayi Green Energy Corporation	Renewable energy generation	-	-	100.0	7)
TCC Green Energy Corporation	TCC Yunlin Green Energy Corporation	Renewable energy generation	-	-	100.0	7)
TCC Green Energy Corporation	TCC Hualien Green Energy Corporation	Renewable energy generation	-	-	100.0	7)
Ta-Ho Maritime Holdings Ltd.	Ta-Ho Maritime (Hong Kong) Limited	Marine transportation	100.0	100.0	100.0	
	THC International S.A.	Marine transportation	100.0	100.0	100.0	
	Chi Ho Maritime S.A.	Marine transportation	100.0	100.0	100.0	
	Sheng Ho Maritime S.A.	Marine transportation	100.0	100.0	100.0	
	Ta-Ho Maritime (Singapore) Pte. Ltd.	Marine transportation	100.0	100.0	100.0	
TCEC Corporation	TCEC (Yingde) Machine Co., Ltd.	Production and sale of cement machinery and assembly work	100.0	100.0	100.0	
Taicem Information (Samoa) Pte., Ltd.	Fuzhou TCC Information Technology Co., Ltd.	Software product and equipment maintenance	100.0	100.0	100.0	

(Continued)

Investor	Investee	Main Business	Proportion of Ownership (%) June 30, 2017	December 31, 2017	June 30, 2018	Remark
Ta-Ho Maritime (Hong Kong) Limited	Da Tong (Guigang) International Logistics Co., Ltd.	Logistics and transportation	100.0	100.0	100.0	
Da Tong (Guigang) International Logistics Co., Ltd.	Da Tong (Ying De) Logistics Co., Ltd.	Logistics and transportation	100.0	100.0	100.0	
	Guigang Da-Ho Shipping Co., Ltd.	marine transportation	100.0	100.0	100.0	
TCCIH	Chia Hsin Cement Greater China Holding Corporation	Investment holding	100.0	100.0	100.0	
	Upper Value Investments Ltd.	Investment holding	100.0	100.0	100.0	
	Upper Value Investments Ltd. ("UPPV")	Investment holding	100.0	100.0	100.0	9)
	TCC Hong Kong Cement (BVI) Holdings Ltd.	Investment holding	100.0	100.0	100.0	9)
	Ulexite Investments Ltd.	Investment holding	100.0	100.0	100.0	
Upper Value Investment Limited	Prime York Ltd.	Investment holding	100.0	100.0	100.0	
	Prosperity Minerals (International) Ltd.	Investment holding	100.0	100.0	100.0	
TCC Hong Kong Cement (BVI) Holdings Ltd.	TCC Hong Kong Cement Development Limited	Investment holding	100.0	100.0	100.0	
	TCC Hong Kong Cement (QHC) Ltd.	Investment holding	100.0	100.0	100.0	
	TCC Hong Kong Cement (Yargoon) Ltd.	Investment holding	100.0	100.0	100.0	
	TCC Hong Kong Cement (HKC) Ltd.	Investment holding	100.0	100.0	100.0	
	TCC Hong Kong Cement (Philippines) Ltd.	Investment holding	100.0	100.0	100.0	
	TCC Hong Kong Cement (International) Ltd.	Investment holding	100.0	100.0	100.0	9)
	Hong Kong Cement Company Limited ("HKCCL")	Sale of cement	100.0	100.0	100.0	
TCC Hong Kong Cement (QHC) Ltd.	Chiefolk Co., Ltd.	Investment holding	70.0	70.0	70.0	
Chiefolk Co., Ltd.	TCC International (Liuzhou) Ltd.	Investment holding	100.0	100.0	100.0	
TCC International (Liuzhou) Ltd.	TCC Liuzhou Co., Ltd.	Investment holding	100.0	100.0	100.0	
TCC Liuzhou Co., Ltd.	TCC Liuzhou Construction Materials Company Limited	Manufacturing and sale of slag powder	60.0	60.0	60.0	
TCC Hong Kong Cement (HKC) Ltd.	Koning Concrete Ltd.	Investment holding	100.0	100.0	100.0	
TCC Hong Kong Cement (Philippines) Ltd.	TCC Cement Corporation	Cement processing services	100.0	100.0	100.0	
TCC Hong Kong Cement (International) Ltd.	TCC International (Hong Kong) Co., Ltd. ("TCCI (HK)")	Investment holding	100.0	100.0	100.0	9)
TCCI (HK)	TCC Guigang Mining Industrial Company Limited	Mining excavation	52.5	52.5	52.5	
	Jiangsu TCC Investment Co., Ltd.	Investment holding	100.0	100.0	100.0	
	Jingyang Industrial Limited	Investment holding	100.0	100.0	100.0	
	TCC International (Guangxi) Ltd.	Investment holding	100.0	100.0	100.0	
	TCC Shaoguan Cement Co., Limited.	Manufacturing and sale of cement	100.0	100.0	100.0	

(Continued)

Investor	Investee	Main Business	Proportion of Ownership (%) June 30, 2017	December 31, 2017	June 30, 2018	Remark
	TCC Yingde Mining Industrial Company Limited	Mining excavation	48.9	48.9	48.9	
	TCC Yingde Cement Co., Ltd.	Manufacturing and sale of cement	100.0	100.0	100.0	9)
	TCC Jiangsu Mining Industrial Company Limited	Mining excavation	100.0	100.0	100.0	
TCCI (HK)	TCC Fuzhou Yangyu Port Co., Ltd.	Service of port facility	100.0	100.0	100.0	
	TCC (Dong Guan) Cement Company Limited.	Manufacturing and sale of cement	100.0	100.0	100.0	
	TCC Fuzhou Cement Co., Ltd.	Manufacturing and sale of cement	100.0	100.0	100.0	
	TCC Huaihua Cement Company Limited	Manufacturing and sale of cement	100.0	100.0	100.0	9)
	Anhui King Bridge Cement Co., Ltd.	Manufacturing and sale of cement	60.0	60.0	60.0	
Jiangsu TCC Investment Co., Ltd.	Jurong TCC Cement Co., Ltd.	Manufacturing and sale of cement	21.5	21.5	21.5	9)
Jingyang Industrial Limited	Jurong TCC Cement Co., Ltd.	Manufacturing and sale of cement	78.5	78.5	78.5	9)
TCC International (Guangxi) Ltd.	TCC (Gui Gang) Cement Ltd.	Manufacturing and sale of cement	100.0	100.0	100.0	9)
TCC (Gui Gang) Cement Ltd.	TCC Huaying Cement Company Limited	Manufacturing and sale of cement	100.0	100.0	100.0	
	TCC Guigang Mining Industrial Company Limited	Mining excavation	47.5	47.5	47.5	
TCC Yingde Cement Co., Ltd.	TCC Yingde Mining Industrial Company Limited	Mining excavation	34.8	34.8	34.8	
	Scitus Luzhou Concrete Co., Ltd.	Sale of ready-mixed concrete	25.0	25.0	25.0	
	Scitus Luzhou Cement Co., Ltd.	Manufacturing and sale of cement	10.0	10.0	10.0	
	Scitus Naxi Cement Co., Ltd.	Manufacturing and sale of cement	10.0	10.0	10.0	
	Scitus Hejiang Cement Co., Ltd.	Manufacturing and sale of cement	10.0	10.0	10.0	
TCC Jiangsu Mining Industrial Company Limited	TCC Yingde Mining Industrial Company Limited	Mining excavation	16.3	16.3	16.3	
TCC Huaihua Cement Company Limited	TCC Jingzhou Cement Company Limited	Manufacturing and sale of cement	100.0	100.0	100.0	
	TCC Huaihua Concrete Company Limited	Sale of ready-mixed concrete	100.0	100.0	100.0	
Ulexite Investments Ltd.	HKC Investments Limited	Investment holding	100.0	100.0	100.0	
UPPV	Wayly Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	TCC International (China) Co., Ltd.	Investment holding	100.0	100.0	100.0	
	Kong On Cement Holdings Ltd.	Investment holding	65.0	65.0	65.0	
	Mega East Ltd.	Investment holding	100.0	100.0	100.0	
	Prosperity Minerals (China) Ltd.	Investment holding	100.0	100.0	100.0	
	Sure Kit Ltd.	Investment holding	100.0	100.0	100.0	
	Hensford Ltd.	Investment holding	100.0	100.0	100.0	
	Kiton Ltd.	Investment holding	100.0	100.0	100.0	
	Prosperity Cement Investment Ltd.	Investment holding	100.0	100.0	100.0	
	Scitus Cement (China) Holdings Ltd. ("Scitus Holdings")	Investment holding	100.0	100.0	100.0	

(Continued)

Investor	Investee	Main Business	Proportion of Ownership (%) June 30, 2017	December 31, 2017	June 30, 2018	Remark
Wayly Holdings Ltd.	Guizhou Kaili Rui An Jian Cai Co., Ltd.	Manufacturing and sale of cement	100.0	100.0	100.0	
TCC International (China) Co., Ltd.	TCC New (Hangzhou) Management Company Limited	Operation management	100.0	100.0	100.0	
Kong On Cement Holdings Ltd.	Guizhou Kong On Cement Company Limited	Manufacturing and sale of cement	100.0	100.0	100.0	
Mega East Ltd.	TCC Guangan Cement Company Ltd.	Manufacturing and sale of cement	100.0	100.0	100.0	
Sure Kit Ltd.	TCC Chongqing Cement Company Limited	Manufacturing and sale of cement	100.0	100.0	100.0	9)
Hensford Ltd.	TCC Anshun Cement Company Limited	Manufacturing and sale of cement	100.0	100.0	100.0	9)
Kiton Ltd.	TCC Liaoning Cement Company Limited	Manufacturing and sale of cement	100.0	100.0	100.0	
Prosperity Cement Investment Ltd.	Yingde Dragon Mountain Cement Co, Ltd.	Manufacturing and sale of cement	100.0	100.0	100.0	9)
TCC Anshun Cement Company Limited	Anshun Xin Tai Construction Materials Company Limited	Filtering of sand and gravel and sale of ready-mixed concrete	100.0	100.0	100.0	
Scitus Holdings	Scitus Cement (China) Operating Co., Ltd.	Investment holding	100.0	100.0	100.0	
	Hexagon XIV Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	Hexagon XIII Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	Hexagon IX Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	Hexagon VIII Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	Hexagon V Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	Hexagon IV Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	Hexagon III Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	Hexagon II Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	Hexagon Holdings Ltd.	Investment holding	100.0	100.0	100.0	
Hexagon IX Holdings Ltd.	Scitus Hejiang Cement Co., Ltd.	Manufacturing and sale of cement	90.0	90.0	90.0	
Hexagon IV Holdings Ltd.	Scitus Luzhou Cement Co., Ltd.	Manufacturing and sale of cement	90.0	90.0	90.0	
Hexagon III Holdings Ltd.	Scitus Naxi Cement Co., Ltd.	Manufacturing and sale of cement	90.0	90.0	90.0	
Hexagon XIV Holdings Ltd.	Scitus Luzhou Concrete Co., Ltd.	Sales of ready-mixed concrete	75.0	75.0	75.0	

(Concluded)

Remarks:

1) Refer to Note 27 for information relating to the acquisition.

2) Taiwan Cement Corporation and TCC Investment Corporation disposed of a part of their ownership in Taiwan Prosperity Chemical Corporation during 2017 and during the six months ended June 30, 2018. Taiwan Transport & Storage Corporation acquired a partial shareholding of Ta-Ho Maritime Corporation during the six months ended June 30, 2018.

3) Ho Swen Construction Material Co., Ltd. is still in the process of liquidation as of June 30, 2018.

4) Tunwoo Company Limited changed its Chinese-language name to TCC Green Energy Corporation in March 2018. Its original main business was warehousing and selling cement. A resolution of its board of directors changed its main business to renewable energy generation in October 2017.

5) TCC Chemical Corporation changed its Chinese-language name in December 2017. Its original main business was processing and selling chemical materials. A resolution of its board of directors changed its main business to leasing property and energy technology services in November 2017. For the propose of streamlining its investment structure, its board of directors approved to merge Kuan-Ho Construction & Development Corporation, with TCC Chemical Corporation as the surviving company. The effective date of the merger was January 1, 2018.

6) Ho-Ping Renewable Energy Company was established in April 2018 and consolidated into these consolidated financial statements.

7) TCC Chiayi Green Energy Corporation, TCC Yunlin Green Energy Corporation and TCC Hualien Green Energy Corporation were established in May 2018 and consolidated into these consolidated financial statements.

8) Although the Group's percentages of ownership in Taiwan Prosperity Chemical Corporation, Feng Sheng Enterprise Company and TPMC were less than 50% for the six months ended June 30, 2018, the Group still has control over those entities. Thus, Taiwan Prosperity Chemical Corporation, Feng Sheng Enterprise Company and TPMC are considered as subsidiaries of the Group.

9) Except for the financial statements of TCC Huaihua Cement Company Limited which were not reviewed for the six months ended June 30, 2017, the financial statements for the six months ended June 30, 2017 and 2018 of the other indicated subsidiaries were reviewed.

10) Except for those mentioned directly above in Remark 9, the remaining subsidiaries' financial statements for the six months ended June 30, 2017 and 2018 were not reviewed by auditors.

b. Details of subsidiaries that have material non-controlling interests

	Proportion of Ownership and Voting Rights Held by Non-controlling Interests		
	June 30, 2017	**December 31, 2017**	**June 30, 2018**
TCCIH	36.9%	-	-
Taiwan Prosperity Chemical Corporation	47.2%	47.5%	55.8%
Ho-Ping Power Company	40.0%	40.0%	40.0%

Refer to Table 7 following the Notes to Consolidated Financial Statements for the information on the places of incorporation and principal businesses.

14. INVESTMENTS ACCOUNTED FOR BY USING THE EQUITY METHOD

	June 30, 2017	**December 31, 2017**	**June 30, 2018**
Investments in associates	$ 7,460,840	$ 7,940,701	$ 9,386,559

Investments in associates

	June 30, 2017	December 31, 2017	June 30, 2018
Material associates			
Prosperity Conch Cement Co., Ltd.	$ 3,242,483	$ 3,612,349	$ 4,206,561
Associates that are not individually material			
Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd.	1,554,215	1,638,323	1,610,403
Baoshan Kungang & K. Wah Cement Construction Materials Co., Ltd.	794,135	852,560	979,613
CCC USA Corp.	707,379	694,072	762,478
ONYX Ta-Ho Environmental Services Co., Ltd.	336,923	481,263	607,036
E-ONE Moli Energy Corporation	-	-	549,021
Quon Hing Concrete Co., Ltd.	242,041	288,911	264,725
Hong Kong Concrete Co., Ltd.	207,066	211,927	223,515
Chia Huan Tung Cement Corporation	215,301	91,581	87,243
Shih Hsin Storage & Transportation Co., Ltd.	151,908	63,018	54,849
Sichuan Taichang Building Material Group Company Limited	-	-	34,212
Synpac Ltd.	9,389	6,697	6,903
	$ 7,460,840	$ 7,940,701	$ 9,386,559

a. Material associates

	Proportion of Ownership		
	June 30, 2017	December 31, 2017	June 30, 2018
Prosperity Conch Cement Co., Ltd.	25.0%	25.0%	25.0%

Refer to Table 8 "Information on Investments in Mainland China" following the Notes to Consolidated Financial Statements for the nature of activities, principal place of business and country of incorporation of Prosperity Conch Cement Company Limited. The investment accounted for by using the equity method and the share of profit or loss and other comprehensive income of the investment for the six months ended June 30, 2017 and 2018 were based on the associate's financial statements for the same reporting periods as those of the Group which were not reviewed by the auditors.

Summarized financial information in respect of Prosperity Conch Cement Company Limited were as follows:

	June 30, 2017	December 31, 2017	June 30, 2018
Current assets	$ 7,189,464	$ 9,563,819	$ 12,014,440
Non-current assets	7,362,670	7,220,948	7,009,816
Current liabilities	(909,971)	(1,650,113)	(1,505,255)
Non-current liabilities	(672,233)	(685,260)	(692,759)
Equity	$ 12,969,930	$ 14,449,394	$ 16,826,242
Proportion of the Group's ownership	25%	25%	25%
Carrying amount	$ 3,242,483	$ 3,612,349	$ 4,206,561

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Operating revenue	$ 2,548,542	$ 3,807,760	$ 4,369,728	$ 6,605,219
Net income for the period	$ 699,930	$ 1,399,119	$ 1,061,037	$ 2,219,073
Other comprehensive income (loss)	170,472	5,564	(506,408)	157,776
Total comprehensive income for the period	$ 870,402	$ 1,404,683	$ 554,629	$ 2,376,849

b. Aggregate information of associates that are not individually material

	Proportion of Ownership		
	June 30, 2017	December 31, 2017	June 30, 2018
Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd.	30.0%	30.0%	30.0%
Baoshan Kungang & K. Wah Cement Construction Materials Co., Ltd.	30.0%	30.0%	30.0%
CCC USA Corp.	33.3%	33.3%	33.3%
ONYX Ta-Ho Environmental Services Co., Ltd.	50.0%	50.0%	50.0%
E-ONE Moli Energy Corporation	-	-	29.9%
Quon Hing Concrete Co., Ltd.	50.0%	50.0%	50.0%
Hong Kong Concrete Co., Ltd.	31.5%	31.5%	31.5%
Chia Huan Tung Cement Corporation	33.8%	33.8%	33.8%
Shih Hsin Storage & Transportation Co., Ltd.	18.9%	18.9%	18.9%
Sichuan Taichang Building Material Group Company Limited	30.0%	30.0%	30.0%
Synpac Ltd.	25.0%	25.0%	25.0%
Guigang TCC Donyuan Environmental Technology Limited	-	-	40.0%

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
The Group's share of:				
Net income for the period	$ 223,497	$ 309,961	$ 400,984	$ 519,480
Other comprehensive income (loss)	78,079	49,501	(121,138)	62,386
Total comprehensive income for the period	$ 301,576	$ 359,462	$ 279,846	$ 581,866

The Group's percentage of ownership in Shih Hsin Storage & Transportation Co., Ltd. is less than 20%, but the Group has significant influence and accounts for the investment by using the equity method.

The above investments accounted for by using the equity method and the share of profit or loss and other comprehensive income (loss) of those investments for the six months ended June 30, 2017 and 2018 were based on the associates' unreviewed financial statements for the same periods except those of CCC USA Corp. and E-ONE Moli Energy Corporation.

The Group invested in Guigang TCC Donyuan Environmental Technology Limited resulting in the Group's percentage of ownership of 40% in June 2018. As of the date on which the consolidated financial statements were approved for issue, the Group had remitted RMB1 million for investment.

15. PROPERTY, PLANT AND EQUIPMENT

	Land	Buildings	Machinery and Equipment	Miscellaneous Equipment	Property in Construction	Total
Cost						
Balance at January 1, 2017	$ 20,678,952	$ 51,534,206	$ 99,393,155	$ 12,039,090	$ 4,589,547	$ 188,234,950
Additions	-	3,045	56,809	57,189	271,218	388,261
Disposals	(1,878)	(22,195)	(103,389)	(95,043)	-	(222,505)
Reclassification	-	6,511	180,291	12,637	(177,650)	21,789
Effects of exchange rate changes	-	(1,302,735)	(2,030,387)	(202,047)	(67,848)	(3,603,017)
Balance at June 30, 2017	$ 20,677,074	$ 50,218,832	$ 97,496,479	$ 11,811,826	$ 4,615,267	$ 184,819,478
Accumulated depreciation and impairment						
Balance at January 1, 2017	$ 274,188	$ 14,666,095	$ 61,394,024	$ 10,068,911	$ 31,966	$ 86,435,184
Disposals	-	(4,106)	(70,950)	(87,712)	-	(162,768)
Depreciation expenses	-	695,781	2,001,911	311,110	-	3,008,802
Effects of exchange rate changes	-	(249,918)	(820,025)	(150,430)	(2,007)	(1,222,380)
	$ 274,188	$ 15,107,852	$ 62,504,960	$ 10,141,879	$ 29,959	$ 88,058,838
Carrying amounts at June 30, 2017	$ 20,402,886	$ 35,110,980	$ 34,991,519	$ 1,669,947	$ 4,585,308	$ 96,760,640
Cost						
Balance at January 1, 2018	$ 20,665,029	$ 50,587,364	$ 98,082,294	$ 12,142,556	$ 4,402,613	$ 185,879,856
Additions	-	15,324	177,432	932,953	555,155	1,680,864
Disposals	-	(281,469)	(3,856,317)	(243,215)	-	(4,381,001)
Reclassification as held for sale	-	-	-	(883,292)	-	(883,292)
Reclassification	(7,779)	6,231	192,144	27,389	(221,784)	(3,799)
Effects of exchange rate changes	-	378,903	580,691	100,110	18,709	1,078,413
Balance at June 30, 2018	$ 20,657,250	$ 50,706,353	$ 95,176,244	$ 12,076,501	$ 4,754,693	$ 183,371,041
Accumulated depreciation and impairment						
Balance at January 1, 2018	$ 274,188	$ 15,829,125	$ 64,476,095	$ 10,507,380	$ 83,664	$ 91,170,452
Disposals	-	(163,171)	(3,780,310)	(233,827)	-	(4,177,308)
Depreciation expenses	-	709,337	2,034,793	326,707	-	3,070,837
Reclassification as held for sale	-	-	-	(823,762)	-	(823,762)
Effects of exchange rate changes	-	91,065	263,835	70,541	890	426,331
Balance at June 30, 2018	$ 274,188	$ 16,466,356	$ 62,994,413	$ 9,847,039	$ 84,554	$ 89,666,550
Carrying amounts at January 1, 2018	$ 20,390,841	$ 34,758,239	$ 33,606,199	$ 1,635,176	$ 4,318,949	$ 94,709,404
Carrying amounts at June 30, 2018	$ 20,383,062	$ 34,239,997	$ 32,181,831	$ 2,229,462	$ 4,670,139	$ 93,704,491

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

Buildings	
Main buildings	30-60 years
Main plants	16-50 years
Storage units	10-50 years
Others	20-50 years
Machinery and equipment	2-28 years
Miscellaneous equipment	2-20 years

With the proposed enhancement of environmental standards and the Corporation's operation strategies adjustment, the Group disposed of aged equipment in some of its factories, recognizing a $164,991 thousand net loss on the disposal of property, plant and equipment. The Group also disposed of vessels in July 2018, at a selling price of US$8,085 thousand.

Property, plant and equipment pledged as collateral for bank borrowings are set out in Note 31.

Acquisitions of property, plant and equipment included non-cash items which were reconciled as follows:

	For the Six Months Ended June 30	
	2017	2018
Acquisitions of property, plant and equipment	$ 388,261	$ 1,680,864
Increase (decrease) in prepayments for equipment	164,304	(267,102)
Decrease in payables for equipment	80,636	128,311
	$ 633,201	$ 1,542,073

16. INVESTMENT PROPERTIES

	June 30, 2017	December 31, 2017	June 30, 2018
Land	$ 5,389,605	$ 5,717,464	$ 5,725,243
Buildings	669,785	657,456	629,862
	$ 6,059,390	$ 6,374,920	$ 6,355,105

Except for depreciation, the Group did not recognize significant additions, disposals or impairment loss of investment properties during the six months ended June 30, 2017 and 2018.

The buildings of the investment properties were depreciated using the straight-line method over their estimated useful lives of 50 years.

As of December 31, 2016, the fair value of investment properties was $10,901,414 thousand. The fair value of the investment properties determined by independent qualified professional valuers was $15,253,955 thousand. As of December 31, 2017, the fair value of investment properties was $14,853,688 thousand. Management of the Group has assessed such investment properties and determined that there was no significant change in fair value as of June 30, 2018 as compared to the respective value as of December 31, 2017.

The investment properties pledged as collateral for bank borrowings are set out in Note 31.

17. INTANGIBLE ASSETS

	Goodwill	Operational Concession	Mining Rights	Others	Total
Cost					
Balance at January 1, 2017	$ 12,191,933	$ 7,681,476	$ 2,859,051	$ 1,203,719	$ 23,936,179
Additions	-	-	-	8,323	8,323
Effects of exchange rate changes	(392,098)	-	(99,068)	(25,480)	(516,646)
Balance at June 30, 2017	$ 11,799,835	$ 7,681,476	$ 2,759,983	$ 1,186,562	$ 23,427,856
Accumulated amortization and impairment					
Balance at January 1, 2017	$ -	$ 755,555	$ 1,086,135	$ 919,207	$ 2,760,897
Amortization expenses	-	75,555	66,044	46,693	188,292
Effects of exchange rate changes	-	-	(32,695)	(16,592)	(49,287)
Balance at June 30, 2017	$ -	$ 831,110	$ 1,119,484	$ 949,308	$ 2,899,902
Carrying amounts at June 30, 2017	$ 11,799,835	$ 6,850,366	$ 1,640,499	$ 237,254	$ 20,527,954
Cost					
Balance at January 1, 2018	$ 11,876,957	$ 7,681,476	$ 3,215,101	$ 1,189,793	$ 23,963,327
Additions	-	-	43,611	3,469	47,080
Effects of exchange rate changes	111,812	-	32,568	7,237	151,617
Balance at June 30, 2018	$ 11,988,769	$ 7,681,476	$ 3,291,280	$ 1,200,499	$ 24,162,024
Accumulated amortization and impairment					
Balance at January 1, 2018	$ -	$ 906,666	$ 1,210,061	$ 993,976	$ 3,110,703
Amortization expenses	-	75,555	83,561	39,207	198,323
Effects of exchange rate changes	-	-	10,494	5,162	15,656
Balance at June 30, 2018	$ -	$ 982,221	$ 1,304,116	$ 1,038,345	$ 3,324,682
Carrying amounts at January 1, 2018	$ 11,876,957	$ 6,774,810	$ 2,005,040	$ 195,817	$ 20,852,624
Carrying amounts at June 30, 2018	$ 11,988,769	$ 6,699,255	$ 1,987,164	$ 162,154	$ 20,837,342

The above items of intangible assets with finite useful lives are amortized on a straight-line basis, over their useful lives as follows:

Operational concession	50 years
Mining rights	30-50 years
Others	3-17 years

18. PREPAYMENTS FOR LEASES

	June 30, 2017	December 31, 2017	June 30, 2018
Current (included in prepayments)	$ 209,020	$ 217,031	$ 222,775
Non-current	6,642,225	6,833,745	6,918,582
	$ 6,851,245	$ 7,050,776	$ 7,141,357

The above prepayments for leases were mainly for land use rights in China.

19. BORROWINGS

a. Short-term loans

	June 30, 2017	December 31, 2017	June 30, 2018
Secured borrowings			
Bank loans	$ 90,000	$ 270,000	$ 200,000
Unsecured borrowings			
Bank loans - unsecured	21,045,309	19,149,645	18,042,561
Bank loans - letters of credit	533,841	894,467	2,281,176
	21,579,150	20,044,112	20,323,737
	$ 21,669,150	$ 20,314,112	$ 20,523,737
Interest rate range	0.53%-4.35%	0.81%-4.35%	0.81%-4.50%

b. Short-term bills payable

	June 30, 2017	December 31, 2017	June 30, 2018
Commercial paper	$ 5,200,000	$ 8,000,000	$ 5,545,000
Less: Unamortized discount on bills payable	6,220	8,583	5,979
	$ 5,193,780	$ 7,991,417	$ 5,539,021
Interest rate range	0.95%-1.28%	0.65%-2.04%	0.94%-1.28%

c. Long-term loans

	June 30, 2017	December 31, 2017	June 30, 2018
Secured borrowings	$ 6,438,579	$ 5,101,655	$ 3,363,684
Unsecured borrowings	47,705,734	52,303,555	57,249,010
	54,144,313	57,405,210	60,612,694
Less: Current portions	12,196,596	13,910,242	6,571,931
	$ 41,947,717	$ 43,494,968	$ 54,040,763
Interest rate range	1.29%-2.80%	1.29%-3.40%	1.79%-3.98%

Long-term loans consist of unsecured borrowings, secured borrowings and earmarked loans. The principals of long-term unsecured and secured borrowings are due in December 2021, and the interests are paid monthly. The principals of earmarked loans are due in March 2023, and the interests are paid monthly, quarterly or semiannually.

20. BONDS PAYABLE

	June 30, 2018
Domestic unsecured bonds	$ 11,976,044

Domestic unsecured bonds were issued on June 21, 2018, with a maturity of 15 years due on June 21, 2033. The bonds total amount is $12,000,000 thousand and have a coupon rate of 1.7%, with bullet repayment and interest paid annually.

The Corporation's board of directors resolved to issue overseas unsecured convertible bonds with a total amount of up to US$500,000 thousand for the first time issue of 2018. This was approved by the FSC under No. 10703258532 issued on July 25, 2018.

21. OTHER PAYABLES

	June 30, 2017	December 31, 2017	June 30, 2018
Salaries and bonuses payable	$ 838,505	$ 1,438,523	$ 1,230,279
Performance bonds	723,077	728,009	873,821
Taxes payable	613,907	1,133,230	983,717
Payables for equipment	1,267,631	1,029,027	924,760
Payables for electricity	248,007	289,016	281,673
Fines payable	264,000	264,000	264,000
Freight payables	316,667	226,334	260,371
Others	2,683,589	3,731,269	3,219,774
	$ 6,955,383	$ 8,839,408	$ 8,038,395

22. RETIREMENT BENEFIT PLANS

Employee benefits expense in respect of the defined retirement benefit plans applied the respective actuarially determined annual pension cost discount rate as of December 31, 2016 and 2017 and was recognized in the following line items in its respective periods:

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Operating costs	$ 1,101	$ 629	$ 2,388	$ 1,298
Operating expenses	321	68	674	135
	$ 1,422	$ 697	$ 3,062	$ 1,433

23. EQUITY

a. Share capital

1) Ordinary shares

	June 30, 2017	December 31, 2017	June 30, 2018
Number of shares authorized (in thousands)	6,000,000	6,000,000	7,000,000
Value of shares authorized	$ 60,000,000	$ 60,000,000	$ 70,000,000
Number of shares issued and fully paid (in thousands)	3,692,176	4,246,509	4,246,509
Value of shares issued	$ 36,921,759	$ 42,465,090	$ 42,465,090

A holder of issued ordinary shares with par value of $10 is entitled to the proportional rights to vote and to dividends. The authorized shares include 60,000 thousand units allocated for the exercise of employee share options.

According to the laws of Hong Kong and the Cayman Islands, the Corporation and its subsidiary, TCCI, contemplated privatizing TCCIH by a Scheme of Arrangement under the Companies Law of the Cayman Islands. On October 18, 2017, the Corporation's board of directors resolved to issue 554,333 thousand ordinary shares to acquire part of TCCIH's shares with a par value of $10, which increased the share capital issued and fully paid to $42,465,090 thousand. On November 6, 2017, the above transaction was approved by the FSC.

The Corporation's board of directors resolved to repurchase 6,000 thousand ordinary shares in February 2018 for the purpose of transfer to employees. As of June 30, 2018, the repurchase of ordinary shares was completed at an average price of $36.36 per share. As of June 30, 2018, these shares have not yet been transferred. Under the Securities and Exchange Act, the Corporation shall neither pledge treasury shares nor exercise shareholders' rights on these shares, such as rights to receive dividends and to vote.

2) Share dividends to be distributed

June 30, 2017	December 31, 2017	June 30, 2018
$ -	$ -	$ 4,240,509

The Corporation's shareholders resolved to distribute share dividends in June 2018, which was approved by the FSC. The subscription base date was determined as at August 1, 2018 by the board of directors.

3) Global depositary shares

The Corporation's board of directors resolved to issue from 375,000 to 468,750 thousand ordinary shares in the form of global depositary shares for the purpose of investing in overseas subsidiaries so as to repay borrowings. The transaction was approved by the FSC under letter No. 10703258531 issued on July 25, 2018. The Corporation issued 87,500 units at US$6.27 per share on the Luxembourg Stock Exchange, which amounted to US$548,625 thousand in total as of August 2018. One global depositary share represents 5 ordinary shares, and the total global depositary shares represent 437,500 thousand ordinary shares.

4) Preference shares

In June 2018, the Corporation's board of directors resolved to issue 200,000 thousand preference shares at the price of $10 per share. On July 25, 2018, the above transaction was approved by the FSC (under letter No. 1070325853)

b. Capital surplus

	June 30, 2017	December 31, 2017	June 30, 2018
May be used to offset a deficit, distributed as cash dividends, or transferred to share capital (Note 1)			
Issuance of ordinary shares	$ 10,435,775	$ 23,863,105	$ 23,863,105
Conversion of bonds	1,520,632	1,520,632	1,520,632
Difference between the consideration and the carrying amount of subsidiaries' net assets during actual acquisitions or disposals	1,224,547	-	370,765
Treasury share transactions	194,598	194,598	194,598
Donations	31,537	31,537	31,537
May be used to offset a deficit only (Note 2)			
Changes in percentage of ownership interests in subsidiaries	116,238	116,238	116,238
Forfeited share options	10,315	10,315	10,315
Dividends distributed by subsidiaries not yet received by shareholders	-	2,120	2,120
May not be used for any purpose			
Changes in interests in associates accounted for by using the equity method	520	520	520
	$ 13,534,162	$ 25,739,065	$ 26,109,830

Note 1: Such capital surplus may be used to offset a deficit; in addition, when the Corporation has no deficit, such capital surplus may be distributed as cash dividends or transferred to share capital (limited to a certain percentage of the Corporation's capital surplus and once a year).

Note 2: Such capital surplus arises from the effect of changes in ownership interest in a subsidiary resulting from equity transactions, other than actual disposals or acquisitions, or from changes in capital surplus of subsidiaries accounted for by using the equity method.

c. Retained earnings and dividend policy

Under the dividend policy as set in the amended Articles, where the Corporation made profit in a fiscal year, the profit shall be first utilized for paying taxes, offsetting losses of previous years, setting aside as a legal reserve 10% of the remaining profit, setting aside or reversing a special reserve in accordance with the laws and regulations, and then any remaining profit together with any undistributed retained earnings shall be used by the Corporation's board of directors as the basis for proposing a distribution plan, which should be resolved in the shareholders' meeting for the distribution of preference shares then dividends and bonuses to shareholders. For the policies on the distribution of employees' compensation and remuneration of directors, refer to "Employee benefits expense" in Note 24c.

In addition to the capital-intensive, mature and stable production and marketing of cement and cement-related products, the Corporation aggressively pursues diversification. For the development of diversified investments or other important capital budgeting plans, the Corporation decided that the payout ratio of cash dividend is to be at least 20% of the total dividends to be distributed to ordinary shareholders; the rest will be paid in share dividends.

Items referred to under Rule No. 1010012865, Rule No. 1010047490 and Rule No. 1030006415 issued by the FSC and the directive titled "Questions and Answers for Special Reserves Appropriated Following Adoption of IFRSs" should be appropriated to or reversed from a special reserve by the Corporation.

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

The appropriations of earnings for 2016 and 2017, which were approved in the shareholders' general meeting in June 2017, respectively, were as follows:

	Appropriation of Earnings For the Year Ended December 31		Dividends Per Share (NT$) For the Year Ended December 31	
	2016	**2017**	**2016**	**2017**
Legal reserve	$ 635,845	$ 759,425		
Cash dividends	5,353,655	6,360,764	$ 1.45	$ 1.50
Share dividends	-	4,240,509	$ -	$ 1.00

d. Special reserve

The Corporation appropriated to special reserve the amounts that were the same as the unrealized revaluation increment and cumulative translation adjustments transferred to retained earnings at the first-time adoption of IFRSs, which were $10,454,422 thousand and $2,709,369 thousand, respectively.

The special reserve appropriated at the first-time adoption of IFRSs relating to investment in properties other than land may be reversed according to the period of use. The special reserve relating to land may be reversed upon disposal or reclassification. The special reserve was reversed $573 thousand for the six months ended June 30, 2018. The special reserve appropriated due to currency translation adjustments for financial statements of foreign operations (including subsidiaries) shall be reversed based on the Corporation's disposal percentage, and all of the special reserve shall be reversed when the Corporation loses significant influence.

e. Other equity items

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

	For the Six Months Ended June 30	
	2017	2018
Balance at January 1	$ (2,233,617)	$ (790,475)
Effect of change in tax rate	-	(328)
Recognized during the period		
Exchange differences on translating foreign operations	(1,094,453)	288,140
Share of exchange differences of associates and joint ventures accounted for by using the equity method	(171,460)	80,421
Balance at June 30	$ (3,499,530)	$ (422,242)

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

	For the Six Months Ended June 30, 2017
Balance at January 1	$ 11,200,323
Unrealized gain arising on revaluation of available-for-sale financial assets	3,049,419
Cumulative loss reclassified to profit or loss on disposal of available-for-sale financial assets	395
Share of unrealized loss on revaluation of available-for-sale financial assets of associates accounted for by using the equity method	(143)
Balance at June 30	$ 14,249,994

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

	For the Six Months Ended June 30, 2018
Balance at January 1 per IAS 39	$ 19,915,014
Adjustment on initial application of IFRS 9	4,243,857
Balance at January 1 per IFRS 9	24,158,871
Recognized during the period	
Unrealized gain - equity instruments	5,919,393
Cumulative unrealized loss of equity instruments transferred to retained earnings due to disposal	681,779
Other comprehensive income recognized in the period	6,601,172
Balance at June 30	$ 30,760,043

4) Cash flow hedges

	For the Six Months Ended June 30	
	2017	2018
Balance at January 1	$ 7,900	$ -
Loss on changes in the fair value of hedging instruments	(12,169)	-
Loss on changes in the fair value of hedging instruments reclassified to profit or loss	4,269	-
Share from associates accounted for by using the equity method	-	666
Balance at June 30	$ -	$ 666

f. Non-controlling interests

	For the Six Months Ended June 30	
	2017	2018
Balance at January 1 per IAS 39	$ 40,628,620	$ 16,299,012
Adjustment on initial application of IFRS 9	-	16,365
Balance at January 1 per IFRS 9	40,628,620	16,315,377
Attributable to non-controlling interests:		
Share of profit for the period	1,252,536	566,675
Other comprehensive income (loss) in the period		
Effect of change in tax rate	-	1,029
Exchange differences on translating foreign operations	(514,326)	1,133
Unrealized gain on available-for-sale financial assets	90,691	-
Unrealized gain on financial assets at FVTOCI	-	39,582
Loss on fair value changes of cash flow hedges	(5,267)	-
Share of other comprehensive income (loss) of associates and joint ventures accounted for by using the equity method	(76,137)	19,886
Cumulative gain reclassified to profit or loss on sale of available-for-sale financial assets	(18)	-
Dividends paid by subsidiaries	(2,182,905)	(2,160,876)
Organizational restructuring of subsidiaries	-	(49,150)
Disposal and acquisition of non-controlling interests in subsidiaries	-	213,781
Balance at June 30	$ 39,193,194	$ 14,947,437

24. NET INCOME

Net income includes the following items:

a. Depreciation and amortization

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Property, plant and equipment	$ 1,484,978	$ 1,544,227	$ 3,008,802	$ 3,070,837
Investment properties	6,028	6,030	12,401	12,056
Intangible assets	91,321	98,000	188,292	198,323
	$ 1,582,327	$ 1,648,257	$ 3,209,495	$ 3,281,216
An analysis of depreciation by function				
Operating costs	$ 1,423,077	$ 1,471,471	$ 2,822,570	$ 2,891,517
Operating expenses	67,006	77,127	196,786	189,567
Non-operating expenses	923	1,659	1,847	1,809
	$ 1,491,006	$ 1,550,257	$ 3,021,203	$ 3,082,893
An analysis of amortization by function				
Operating costs	$ 78,779	$ 84,440	$ 162,929	$ 171,803
Operating expenses	12,542	13,560	25,363	26,520
	$ 91,321	$ 98,000	$ 188,292	$ 198,323

b. Employee benefits expense

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Retirement benefit plans				
Defined contribution plans	$ 86,553	$ 91,221	$ 174,211	$ 180,467
Defined benefit plan	1,422	697	3,062	1,433
	87,975	91,918	177,273	181,900
Other employee benefits	1,167,728	1,308,928	2,228,169	2,564,121
	$ 1,255,703	$ 1,400,846	$ 2,405,442	$ 2,746,021
An analysis of employee benefits expense by function				
Operating costs	$ 894,121	$ 1,031,015	$ 1,717,434	$ 1,950,692
Operating expenses	361,582	369,831	688,008	795,329
	$ 1,255,703	$ 1,400,846	$ 2,405,442	$ 2,746,021

c. Employees' compensation and remuneration of directors

The Corporation accrued employees' compensation and remuneration of directors at the rates of 0.01-3% and no higher than 1%, respectively, of net profit before income tax, employees' compensation and remuneration of directors for the three months ended June 30, 2017 and 2018 and the six months ended June 30, 2017 and 2018. The employees' compensation and the remuneration of directors for said periods were as follows:

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	**2018**	**2017**	**2018**
Employees' compensation	$ 12,865	$ 13,387	$ 17,909	$ 26,773
Remuneration of directors	$ 19,297	$ 17,835	$ 26,863	$ 35,670

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

The employees' compensation and remuneration of directors for the years ended December 31, 2016 and 2017 to be paid in cash, which have been resolved by the board of directors in March 2017 and May 2018, respectively, were as follows:

	For the Year Ended December 31	
	2016	**2017**
Employees' compensation	$ 37,114	$ 23,899
Remuneration of directors	$ 55,680	$ 66,305

There was no difference between the actual amounts of employees' compensation and remuneration of directors paid and the amounts recognized in the consolidated financial statements for the years ended December 31, 2016 and 2017.

Information on the employees' compensation and remuneration of directors resolved by the Corporation's board of directors in 2017 and 2018 is available at the Market Observation Post System website of the Taiwan Stock Exchange.

d. Finance costs

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	**2018**	**2017**	**2018**
Interest on bank borrowings	$ 385,976	$ 578,040	$ 834,187	$ 1,081,416
Other finance costs	63,591	38,288	109,155	73,607
	$ 449,567	$ 616,328	$ 943,342	$ 1,155,023

Information about capitalized interest was as follows:

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	**2018**	**2017**	**2018**
Capitalized interest	$ 5,768	$ 2,628	$ 6,150	$ 5,370
Capitalization rate	0.98%-1.58%	0.94%-1.00%	0.98%-1.58%	0.94%-1.00%

25. INCOME TAX

a. Income tax recognized in profit or loss

Major components of income tax expense were as follows:

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Current tax				
In respect of the current period	$ 933,912	$ 1,913,482	$ 1,425,530	$ 2,958,109
Adjustments for prior periods	16,199	23,478	14,426	19,769
	950,111	1,936,960	1,439,956	2,977,878
Deferred tax				
In respect of the current period	58,162	174,718	79,883	253,747
Adjustments to deferred tax attributable to changes in tax rates and laws	-	-	-	632,271
	58,162	174,718	79,883	886,018
	$ 1,008,273	$ 2,111,678	$ 1,519,839	$ 3,863,896

The Income Tax Act in the ROC was amended in 2018, and the corporate income tax rate was adjusted from 17% to 20%, effective in 2018. The effect of the change in tax rate on deferred tax expenses to be recognized in profit or loss is recognized in full in the period in which the change in the tax rate occurs. In addition, the rate of the corporate surtax applicable to the 2018 unappropriated earnings will be reduced from 10% to 5%.

b. Income tax recognized in other comprehensive income

	For the Six Months Ended June 30	
	2017	2018
Deferred tax		
Effect of change in tax rate		
Remeasurement of defined benefit plan	$ -	$ 7,433
Translation of foreign operations	-	328
	$ -	$ 7,761

c. Income tax return assessments

The information of the years through which the income tax returns have been assessed for the group entities is as follows:

Year	Company
2015	Taiwan Cement Corporation, TCC Information Systems Corporation, Ta-Ho Maritime Corporation
2016	Ta-Ho Onyx RSEA Environment Co., Ltd., Ho Sheng Mining Co., Ltd., Union Cement Traders Inc., TCC Investment Corporation, Taiwan Cement Engineering Corporation, TCC Chemical Corporation, Taiwan Prosperity Chemical Corporation, Tung Chen Mineral Corporation, Jin Chang Minerals Corporation, Hoping Industrial Port Corporation, Ta-Ho Onyx Taitung, HPC Power Service Corporation, E.G.C. Cement Corporation, Ho-Ping Power Company, Feng Sheng Enterprise Company, TCC Green Energy Corporation, Kuan-Ho Refractories Industry Corporation, Taiwan Transport & Storage Corporation
2017	Ho Swen Construction Material Co., Ltd.

26. EARNINGS PER SHARE

Unit: NT$ Per Share

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	**2018**	**2017**	**2018**
Basic earnings per share	$ 0.53	$ 1.51	$ 0.73	$ 2.14
Diluted earnings per share	$ 0.53	$ 1.51	$ 0.73	$ 2.14

The weighted average number of shares outstanding used in the earnings per share computation was adjusted retrospectively for the issuance of bonus shares on August 1, 2018. The basic and diluted earnings per share adjusted retrospectively for the three months and the six months ended June 30, 2017 were as follows:

Unit: NT$ Per Share

	Before Retrospective Adjustment		After Retrospective Adjustment	
	For the Six Months Ended June 30, 2017	**For the Three Months Ended June 30, 2017**	**For the Six Months Ended June 30, 2017**	**For the Three Months Ended June 30, 2017**
Basic earnings per share	$ 0.81	$ 0.58	$ 0.73	$ 0.53
Diluted earnings per share	$ 0.81	$ 0.58	$ 0.73	$ 0.53

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

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Profit for the period attributable to owners of the Corporation	$ 2,149,711	$ 7,064,460	$ 2,981,955	$ 10,009,630
Number of shares				
Weighted average number of ordinary shares in computation of basic earnings per share	4,061,394	4,664,560	4,061,394	4,666,560
Effect of potentially dilutive ordinary shares:				
Employees' compensation	365	894	997	1,057
Weighted average number of ordinary shares used in the computation of diluted earnings per share	4,061,759	4,665,454	4,062,391	4,667,617

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

27. EQUITY TRANSACTIONS WITH NON-CONTROLLING INTERESTS

During the six months ended June 30, 2018, the Group acquired a portion of the shares of Ta-Ho Maritime Corporation, increasing its proportionate ownership interests from 92.3% to 94%. During the six months ended June 30, 2018, the Group disposed of a portion of the shares of Taiwan Prosperity Chemical Corporation, decreasing its proportionate ownership interests from 52.5% to 44.2%.

For the six months ended June 30, 2017

According to the laws of Hong Kong and the Cayman Islands, the Corporation and its subsidiary, TCCI, contemplated privatizing TCCIH by a Scheme of Arrangement under the Companies Law of the Cayman Islands. On October 18, 2017, the Corporation's board of directors resolved to issue 554,333 thousand ordinary shares to acquire part of TCCIH's 1,319,841 thousand shares with a par value of $10, for a consideration of $18,970,661 thousand, excluding issuance costs, which increased the share capital issued and fully paid to $42,465,090 thousand. On November 6, 2017, the above transaction was approved by the FSC. TCCI acquired the residual portion of the shares of TCCIH in cash, increasing its proportionate interest from 63.1% to 75.9%. In 2017, the Group disposed of a portion of its shares of Taiwan Prosperity Chemical Corporation, decreasing its proportionate interest from 52.8% to 52.5%.

For the six months ended June 30, 2018

Investor	Taiwan Transport & Storage Corporation	Taiwan Cement Corporation	TCC Investment Corporation	
Investee	Ta-Ho Maritime Corporation	Taiwan Prosperity Chemical Corporation	Taiwan Prosperity Chemical Corporation	Total
Cash consideration (paid) received	$ (53,278)	$ 636,654	$ 1,170	$ 584,546
The proportionate share of subsidiaries' net assets' carrying amount transferred from (to) non-controlling interests	53,483	(266,848)	(416)	(213,781)
Differences arising from equity transactions	$ 205	$ 369,806	$ 754	$ 370,765

	For the Six Months Ended June 30, 2018
Cash consideration of disposed of subsidiaries	$ 637,824
Included in other receivables	(19,668)
	$ 618,156
Cash consideration of acquired subsidiaries	$ (53,278)
Included in account payables	503
	$ (52,775)

Investor	Taiwan Transport & Storage Corporation	Taiwan Cement Corporation	TCC Investment Corporation	
Investee	Ta-Ho Maritime Corporation	Taiwan Prosperity Chemical Corporation	Taiwan Prosperity Chemical Corporation	Total
Line items adjusted for equity transactions				
Capital surplus - difference between the consideration and the carrying amount of subsidiaries' net assets during actual acquisitions or disposals	$ 205	$ 369,806	$ 754	$ 370,765

The above transactions were accounted for as equity transactions since there was no change in the Group's control over these subsidiaries.

For the propose of streamlining its investment structure, the Corporation's board of directors approved the January 1, 2018 merger with Kuan-Ho Construction & Development Corporation and TCC Chemical Corporation with TCC Chemical Corporation as the surviving company. Since the merge is considered as a group reorganization, the carrying amount method is taken as the applicable accounting policy.

Acquirer	**TCC Chemical Corporation**
Acquiree	**Kuan-Ho Construction & Development**
Cash consideration paid	$ (107,663)
The proportionate share of subsidiaries' net assets' carrying amount transferred from non-controlling interests	49,150
Differences arising from equity transactions	$ (58,513)

Acquirer	**TCC Chemical Corporation**
Acquiree	**Kuan-Ho Construction & Development**
Line items adjusted for equity transactions	
Retained earnings	$ (58,513)

28. CAPITAL MANAGEMENT

The Group needs to maintain sufficient capital to fulfill the Group's requirements of business expansion and construction. Therefore, the capital management of the Group shall focus on a comprehensive operational plan to ensure sound profitability and financial structure so as to fulfill the mid- and long-term demand of working capital, capital expenditures, debts repayment and dividend distributions.

29. FINANCIAL INSTRUMENTS

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

   The Group believes that the carrying amount of financial assets and liabilities not measured at fair value approaches to their fair value.

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

1) Fair value hierarchy

June 30, 2017

	Level 1	Level 2	Level 3	Total
Financial assets at FVTPL				
Mutual funds	$ 147,673	$ -	$ -	$ 147,673
Available-for-sale financial assets				
Domestic listed shares	$ 8,747,848	$ -	$ -	$ 8,747,848
Foreign listed shares	13,893,667	-	-	13,893,667
Domestic emerging market shares	98,945	-	-	98,945
Mutual funds	24,375	-	-	24,375
	$ 22,764,835	$ -	$ -	$ 22,764,835

December 31, 2017

	Level 1	Level 2	Level 3	Total
Financial assets at FVTPL				
Mutual funds	$ 147,049	$ -	$ -	$ 147,049
Available-for-sale financial assets				
Domestic listed shares	$ 10,145,547	$ -	$ -	$ 10,145,547
Foreign listed shares	18,238,096	-	-	18,238,096
Domestic emerging market shares	89,037	-	-	89,037
Mutual funds	84,478	-	-	84,478
	$ 28,557,158	$ -	$ -	$ 28,557,158

June 30, 2018

	Level 1	Level 2	Level 3	Total
Financial assets at FVTPL				
Domestic listed shares	$ 303,094	$ -	$ -	$ 303,094
Domestic emerging market shares	88,359	-	-	88,359
Mutual funds	232,161	-	-	232,161
	$ 623,614	$ -	$ -	$ 623,614
Financial assets at FVTOCI				
Equity instrument investment				
Domestic listed shares	$ 10,261,712	$ -	$ -	$ 10,261,712
Foreign listed shares	23,476,792	-	-	23,476,792
Domestic unlisted shares	-	-	6,081,976	6,081,976
Foreign unlisted shares	-	-	3,159	3,159
	$ 33,738,504	$ -	$ 6,085,135	$ 39,823,639

There were no transfers between Levels 1 and 2 in the current and prior periods.

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

The Corporation measures investments in equity instruments at FVTOCI as Level 3 fair value measurements of financial instruments.

	For the Six Months Ended June 30, 2018
Balance at January 1, 2018	$ 5,497,046
Additional	241,094
Recognized in other comprehensive income	415,985
Reclassification	(69,171)
Effect of exchange rate	181
Balance at June 30, 2018	$ 6,085,135

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

The Group measures the fair value of its investments on domestic and foreign unlisted shares by using the asset-based approach, the market approach, and the dividend discount model.

Under the asset-based approach, the total value of an investment is based on the fair value of its assets and liabilities. The significant unobservable inputs used are listed in the table below.

	June 30, 2018
Comprehensive discount for lack of marketability and non-controlling interests	10%

If the inputs to the valuation model were changed to reflect reasonably possible alternative assumptions while all the other variables were held constant, the fair value of the shares would increase (decrease) as follows:

	June 30, 2018
Comprehensive discount for lack of marketability and non-controlling interests	
1% increase	$ (23,572)
1% decrease	$ 23,572

The market approach involves comparing a target company with companies that have similar business models in the open market, similar selling prices of similar items, or similar past share prices to that of the target company. The significant unobservable inputs used are listed in the table below.

	June 30, 2018
Discount for lack of marketability	20%-30%

If the inputs to the valuation model were changed to reflect reasonably possible alternative assumptions while all the other variables were held constant, the fair value of the shares would increase (decrease) as follows:

	June 30, 2018
Discount for lack of marketability	
1% increase	$ (5,200)
1% decrease	$ 5,200

The dividend discount model values a target company based on its stability of dividend payments in the past.

	June 30, 2018
Discount rate	8.0%
Dividend growth rate	1.7%
Discount for lack of marketability	10.0%

If the inputs to the valuation model were changed to reflect reasonably possible alternative assumptions while all the other variables were held constant, the fair value of the shares would increase (decrease) as follows:

	June 30, 2018
Discount for lack of marketability	
1% increase	$ (39,373)
1% decrease	$ 39,373

c. Categories of financial instruments

	June 30, 2017	December 31, 2017	June 30, 2018
Financial assets			
Financial assets at FVTPL			
Held for trading	$ 147,673	$ 147,049	$ -
Mandatorily at FVTPL	-	-	623,614
Loans and receivables (1)	81,091,607	88,120,239	-
Available-for-sale (2)	23,347,932	29,139,977	-
Financial assets at amortized cost (3)	-	-	113,024,185
Financial assets at FVTOCI			
Equity instruments	-	-	39,823,639
Financial liabilities			
Financial liabilities at amortized cost (4)	100,987,178	102,339,326	124,464,835

1) The balances include loans and receivables measured at amortized cost, which comprise cash and cash equivalents, notes and accounts receivable, other receivables, other financial assets and long-term finance lease receivables.

2) The balances include the carrying amount of available-for-sale financial assets carried at cost.

3) The balances include financial assets measured at amortized cost, which comprise cash and cash equivalents, notes and accounts receivable, other receivables, other financial assets and long-term finance lease receivables.

4) The balances include financial liabilities measured at amortized cost, which comprise short-term loans, short-term bills payable, notes and accounts payable, payable for dividends, other payables, bonds payable and long-term loans (including current portion).

d. Financial risk management objectives and policies

The risk control and hedging strategy performed by the Group were affected by operation environments, and the Group adopted appropriate risk controls and hedging strategies according to its nature of business and risk diversification principles. These risks include market risk, credit risk and liquidity risk.

The Group sought to minimize the effects of these risks by using derivative financial instruments to hedge risk exposures. The Group did not enter into or trade financial instruments for speculation.

1) Market risk

The Group's financial instruments were mainly comprised of mutual funds and listed shares, and these investments were subject to fluctuations in market prices. The Group has periodically evaluated the investment's performance, and no significant market risk was anticipated.

The Group entered into foreign exchange forward contracts to manage exposure to exchange rate fluctuations, including foreign currency risks of foreign-currency assets and liabilities and price fluctuation risks of forecasted transactions. Since the gain or loss generated from exchange rate fluctuations was mostly offset by the gains or losses of hedged items, the market price risk is expected to be insignificant.

a) Foreign currency risk

The foreign financial assets and liabilities were exposed to risk of foreign currency fluctuations. To lower foreign currency risk, the Group has established control mechanisms to immediately monitor its foreign currency position and exchange rate fluctuations.

To maximize the hedging effectiveness, the Group matched up the conditions of derivative instruments with those in the contracts of hedged items.

The carrying amounts of the significant monetary assets and liabilities not denominated in the functional currency (including those eliminated on consolidation) at the end of reporting period are set out in Note 33.

The Group was mainly exposed to the USD.

The following table details the Group's sensitivity to a 1% increase and decrease in the functional currency against the relevant foreign currencies. The sensitivity analysis included only outstanding foreign currency denominated monetary items and adjusts their translation at the end of the reporting period for a 1% change in foreign currency rates. A positive number below indicates an increase in after-tax profit or equity associated with the TWD/RMB/HKD strengthening 1% against the relevant currency.

	USD Impact		**HKD Impact**	
	For the Six Months Ended June 30		**For the Six Months Ended June 30**	
	2017	**2018**	**2017**	**2018**
NTD	$ (2,767)	$ (2,269)	$ -	$ -
RMB	$ (22,333)	$ (11,201)	$ 3,600	$ (4,082)
HKD	$ 346,170	$ 369,087	$ -	$ -

b) Interest rate risk

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

	June 30, 2017	**December 31, 2017**	**June 30, 2018**
Cash flow interest rate risk			
Financial assets	$ 14,715,759	$ 15,092,905	$ 25,633,374
Financial liabilities	75,813,463	77,719,322	81,136,431

The interest risk was evaluated based on the position of financial assets and liabilities. The sensitivity analysis below was determined based on the Group's floating interest rate financial assets and liabilities at the end of the reporting period, and a 50-basis point increase or decrease was used, representing management's assessment of reasonably possible change in interest rates. The fair values of fixed interest rate financial assets and liabilities will change due to variances in market interest rates; the future cash flows of floating interest rate financial assets and financial liabilities will change due to variances in effective interest rates, which vary with market interest rates.

For the Group's portion of floating interest rate financial assets, if interest rates had been 50 basis points higher/lower, the cash inflows from floating interest rate financial assets for the six months ended June 30, 2017 and 2018 would increase/decrease by $30,535 thousand and $51,267 thousand, respectively.

For the Group's portion of floating interest rate financial liabilities, if interest rates had been 50 basis points higher/lower, the cash outflows from floating interest rate financial liabilities for the six months ended June 30, 2017 and 2018 would increase/decrease by $157,313 thousand and $162,273 thousand, respectively.

c) Other price risk

The Group was exposed to equity price risk through its investments. Equity investments are held for strategic rather than trading purposes. The Group does not actively trade these investments. Sensitivity analyses were used for evaluating the exposure to equity price risks.

The sensitively analyses were based on the exposure of equity price at the end of reporting period. If equity prices of financial assets at FVTPL had been 5% higher/lower, profit or loss for the six months ended June 30, 2018 would increase/decrease by $19,573 thousand. If equity prices of financial assets at FVTOCI had been 5% higher/lower, other comprehensive income (loss) for the six months ended June 30, 2018 would increase/decrease by $1,991,182 thousand.

If equity price of available-for-sale financial assets had been 5% higher/lower, other comprehensive income (loss) for the six months ended June 30, 2017 would increase/decrease by $1,137,023 thousand.

2) Credit risk

Potential impacts on financial assets would occur if the Group's counterparties breach financial instrument contracts, including impacts to the concentration of credit risk, components, contractual amounts and other receivables.

As at the end of the reporting period, the Group's maximum exposure to credit risk, which would cause a financial loss to the Group due to the failure of counterparties to discharge an obligation, could arise from the carrying amounts of the respective recognized financial assets as stated in the balance sheets.

The Group transacted with a large number of customers from various industries and geographical locations.

The credit risk on liquid funds and derivatives was limited because the counterparties are banks with high credit ratings which were assigned by international credit-rating agencies.

3) Liquidity risk

The Group manages liquidity risk by monitoring and maintaining a level of cash and cash equivalents deemed adequate to finance the Group's operations and mitigate the effects of fluctuations in cash flows. In addition, management monitors the utilization of bank facilities and ensures compliance with loan covenants. As of June 30, 2017, December 31, 2017 and June 30, 2018, the amount of unused financing facilities was $94,122,083 thousand, $53,787,990 thousand and $87,868,463 thousand, respectively.

The following table details the Group's remaining contractual maturity for its non-derivative financial liabilities with agreed repayment periods. The table has been drawn up based on the undiscounted cash flows of financial liabilities from the earliest date on which the Group can be required to pay. The table included both interest and principal cash flows. Specifically, bank loans with a repayment on demand clause were included in the earliest time band regardless of the probability of the banks choosing to exercise their rights. The maturity dates for other non-derivative financial liabilities were based on the agreed upon repayment dates.

June 30, 2017

	On Demand or Less than 1 Month	1-3 Months	3 Months to 1 Year	1-5 Years	5+ Years
Non-derivative financial liabilities					
Non-interest bearing liabilities	$ 301,525	$ 16,842,712	$ 2,067,148	$ 327,544	$ 40,027
Variable interest rate liabilities	3,591,397	16,483,307	14,690,222	44,301,623	-
Fixed interest rate liabilities	175,000	5,025,000	-	-	-
	$ 4,067,922	$ 38,351,019	$ 16,757,370	$ 44,629,167	$ 40,027

December 31, 2017

	On Demand or Less than 1 Month	1-3 Months	3 Months to 1 Year	1-5 Years	5+ Years
Non-derivative financial liabilities					
Non-interest bearing liabilities	$ 1,532,006	$ 15,322,363	$ 1,402,386	$ 175,479	$ 37,711
Variable interest rate liabilities	5,297,405	12,370,612	18,013,008	45,344,121	-
Fixed interest rate liabilities	2,110,000	4,000,000	1,890,000	-	-
	$ 8,939,411	$ 31,692,975	$ 21,305,394	$ 45,519,600	$ 37,711

June 30, 2018

	On Demand or Less than 1 Month	1-3 Months	3 Months to 1 Year	1-5 Years	5+ Years
Non-derivative financial liabilities					
Non-interest bearing liabilities	$ 1,252,529	$ 14,950,108	$ 1,262,687	$ 61,109	$ 17,909
Variable interest rate liabilities	1,903,640	17,297,407	9,903,161	56,740,100	-
Fixed interest rate liabilities	800,000	4,745,000	204,000	816,000	14,040,000
	$ 3,956,169	$ 36,992,515	$ 11,369,848	$ 57,617,209	$ 14,057,909

30. TRANSACTIONS WITH RELATED PARTIES

Balances and transactions between the Corporation and its subsidiaries, which are related parties of the Corporation, have been eliminated on consolidation and are not disclosed in this note. Details of transactions between the Group and other related parties are as follows:

a. Name of the related parties and relationship

Related Party	Relationship with the Group
Onyx Ta-Ho Waste Clearance Co., Ltd.	Subsidiary of associates
ONYX Ta-Ho Environmental Services Co., Ltd.	Associates
Shih Hsin Storage & Transportation Co., Ltd.	Associates
Quon Hing Concrete Co., Ltd.	Associates
Prosperity Conch Cement Company Limited	Associates
Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd.	Associates
Baoshan Kungang & K. Wah Cement Construction Marterials Co., Ltd.	Associates
CCC USA Corp.	Associates
Guigang TCC Donyuan Environmental Technology Limited	Associates
E-ONE Moli Energy Corporation	Associates (same key management personnel in 2017)
Chia Hsin R.M.C. Corp.	Management personnel in substance
The Koo Foundation	Management personnel in substance
Chia Hsin Cement Corporation	Management personnel in substance
L'Hotel de Chine Corporation	Management personnel in substance
FDC International Hotels Corporation	Management personnel in substance

(Continued)

Related Party	Relationship with the Group
Goldsun Development & Construction Co., Ltd.	Investors with significant influence over the Group
China Hi-Ment Corporation	Under the Group's significant influence
Rong Gong Enterprise Co.	Under the Group's significant influence
O-Bank Co., Ltd.	Under the Group's significant influence
Pan Asia Corp.	Under the Group's significant influence
Sole Energy Tech Corp. (dissolved and closed on June 30, 2017)	Same key management personnel
Synpac-Kingdom Pharmaceutical Co., Ltd. (China Synthetic Rubber's subsidiary, disposed of in November 2017)	Same key management personnel
China Synthetic Rubber Corporation	Same key management personnel
Zhong Xin Investment Co., Ltd.	Same key management personnel
Consolidated Resource Company	Same key management personnel
CSRC China Corporation	Same key management personnel
CSRC China (Anshan) Corporation	Same key management personnel
Chienten Temple	Same key management personnel
He Feng Investment Co., Ltd.	Same key management personnel
CSRC China (Chongqing) Corporation	Same key management personnel
Dr. Cecilia Koo Botanic Conservation and Environmental Protection Foundation	Same key management personnel
Continental Carbon India Ltd.	Same key management personnel
Guangan Xin Tai Construction Materials Company Limited	Joint ventures

(Concluded)

b. Operating transactions

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Sales				
Management personnel in substance	$ 130,311	$ 138,996	$ 263,988	$ 244,089
Associates	158,097	83,261	292,352	165,017
Same key management personnel	42,307	49,063	83,394	84,556
Under the Group's significant influence	22,355	47,276	92,203	93,754
Investors with significant influence over the Group	24,121	12,158	41,700	30,975
	$ 377,191	$ 330,754	$ 773,637	$ 618,391

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Purchases of goods and operating expenses				
Under the Group's significant influence	$ 102,220	$ 130,802	$ 215,495	$ 240,722
Associates	25,972	29,314	44,363	61,391
Same key management personnel	11,672	17,661	25,665	37,931
Others	4,828	16,548	4,882	29,541
	$ 144,692	$ 194,325	$ 290,405	$ 369,585

Notes receivable and accounts receivable from related parties were as follows:

	June 30, 2017	December 31, 2017	June 30, 2018
Management personnel in substance			
Chia Hsin Cement Corporation	$ 61,431	$ 45,551	$ 86,923
Others	13,019	19,941	20,555
	74,450	65,492	107,478
Associates			
Quon Hing Concrete Co., Ltd.	69,697	69,518	43,849
Shih Hsin Storage & Transportation Co., Ltd.	35,521	-	6,268
Others	13,797	19,901	13,398
	119,015	89,419	63,515
Under the Group's significant influence			
China Hi-Ment Corporation	27,200	46,407	35,504
Others	-	-	23
	27,200	46,407	35,527
Investors with significant influence over the Group	21,084	17,771	6,458
Same key management personnel	12,624	10,613	15,986
	$ 254,373	$ 229,702	$ 228,964

Accounts payable to related parties (included in notes and accounts payable) were as follows:

	June 30, 2017	December 31, 2017	June 30, 2018
The Group acts as key management personnel	$ 75,245	$ 127,997	$ 142,174
Associates	9,720	11,370	14,866
Same key management personnel	-	4,023	6,282
Management personnel in substance	-	2,413	4,671
Others	3,878	10	28
	$ 88,843	$ 145,813	$ 168,021

The price and terms of the above transactions were similar to those for third parties. Rentals of lease contracts with related parties were based on market prices and the payment terms were determined at arm's length.

c. Loans to related parties (included in other receivables from related parties)

	June 30, 2017	December 31, 2017	June 30, 2018
Joint ventures			
Guangan Xin Tai Construction Materials Company Limited	$ 23,976	$ -	$ -

For the six months ended June 30, 2017, the loans to related parties mentioned above were unsecured loans.

For the purpose of capital needs in order to expand the investment in the environmental business in China, the Group provided RMB1.9 billion in secured loans to Guigang TCC Donyuan Environmental Technology Limited in August 2018.

d. Other receivables from related parties

	June 30, 2017	December 31, 2017	June 30, 2018
Associates			
Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd.	$ -	$ -	$ 143,545
ONYX Ta-Ho Environmental Services Co., Ltd.	209,107	-	25,149
Quon Hing Concrete Co., Ltd.	116,910	1,561	1,591
Others	-	307	-
	326,017	1,868	170,285
Joint ventures	7,315	-	-
Same key management personnel	1,622	950	4,204
Management personnel in substance	902	274	1,857
	$ 335,856	$ 3,092	$ 176,346

Other receivables from related parties included dividend receivables and interest receivables.

e. Compensation of key management personnel

The compensation of directors and other key management personnel for the six months ended June 30, 2017 and 2018 were as follows:

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2017	2018	2017	2018
Short-term employee benefits	$ 69,592	$ 80,528	$ 120,309	$ 159,818
Other long-term employee benefits	25,329	-	25,329	-
Post-employment benefits	1,103	13,605	2,155	14,776
	$ 96,024	$ 94,133	$ 147,793	$ 174,594

f. Endorsements and guarantees

Endorsements and guarantees provided by the Group to related parties and actually drawn as of June 30, 2017, December 31, 2017 and June 30, 2018 were as follows:

	June 30, 2017	December 31, 2017	June 30, 2018
Associates			
Baoshan Kungang & K. Wah Cement Construction Materials Co., Ltd.	$ 309,227	$ -	$ -

31. ASSETS PLEDGED AS COLLATERAL OR FOR SECURITY

The following assets were pledged or mortgaged as collateral for certain short-term loans, long-term loans, performance bonds and other credit accommodations:

	June 30, 2017	December 31, 2017	June 30, 2018
Available-for-sale financial assets (including current and non-current portion)	$ 333,494	$ 365,369	$ -
Financial assets at fair value through other comprehensive income (including current and non-current portion)	-	-	358,448
Property, plant and equipment	2,644,550	2,552,170	2,423,041
Investment properties	1,225,631	1,142,268	278,679
Finance lease receivables (including current and non-current portion)	16,729,539	16,019,540	15,315,736
Pledged bank deposits			
Current (included in other financial assets)	384,140	385,436	114,433
Non-current (included in other non-current assets)	305,275	273,977	474,003
	$ 21,622,629	$ 20,738,760	$ 18,964,340

32. SIGNIFICANT CONTINGENT LIABILITIES AND UNRECOGNIZED COMMITMENTS

a. The balances of the letters of credit for purchase of raw material were as follows:

Name	June 30, 2017	December 31, 2017	June 30, 2018
The Corporation	$ 197,432	$ 235,248	$ 214,484
Taiwan Prosperity Chemical Corporation	1,364,509	1,413,476	1,747,015
Ho-Ping Power Company	1,215,960	495,020	1,440,670

b. As of June 30, 2017, December 31, 2017 and June 30, 2018, the Corporation has issued bills of lading for finished goods in the amount of 286,000 tons as collateral for its credit facilities with financial institutions.

c. The amounts of letters of guarantee granted for bonds issued by the banks for the Group are as follows:

Name	June 30, 2017	December 31, 2017	June 30, 2018
The Corporation	$ 39,870	$ 45,990	$ 40,220
Ho-Ping Power Company	1,148,000	1,148,000	1,148,000
Taiwan Prosperity Chemical Corporation	67,000	94,000	168,704
TCCI (Group)	342,704	362,561	92,010
Taiwan Transport & Storage Corporation	28,150	28,150	28,150

d. Ta-Ho Onyx RSEA Environment Co., Ltd.

Company Name	Ta-Ho Onyx RSEA Environment Co., Ltd.
Factual Background	In respect of the termination of the "Build-Own-Operate Agreement for Waste Incineration Plant" (the "BOO Agreement") entered into by and between Ta-Ho Onyx RSEA Environment Co., Ltd. and the Yunlin County Government, the arbitration award decided on was that Yunlin County Government shall pay Ta-Ho Onyx RSEA Environment Co., Ltd. $1.5 billion before November 30, 2008 as a Phase I payment and the remainder as a Phase II payment in the aggregate amount of about $1.44 billion (including $1,387,000 thousand, US$1,706 thousand and JPY307 thousand) before June 30, 2009, and Ta-Ho Onyx RSEA Environment Co., Ltd. shall transfer the assets under the BOO Agreement to the Yunlin County Government at the same time.
Amount in Dispute (NT$)	About $2.94 billion
Commencement Date of Litigation	The arbitration award was rendered on October 1, 2008.
Parties	Ta-Ho Onyx RSEA Environment Co., Ltd. and the Yunlin County Government
Status	Ta-Ho Onyx RSEA Environment Co., Ltd. has applied for compulsory execution for the total payment awarded by the arbitration and, thus far, has received the principal together with the interest in the amount of about $3.54 billion (tax included). Furthermore, the dispute of the interest in the amount of about $270,000 thousand is now under review of interlocutory appeal. If the order is in favor of Ta-Ho Onyx RSEA Environment Co., Ltd., it will continue to execute the compensation plan.

Company Name	Ta-Ho Onyx RSEA Environment Co., Ltd.
Factual Background	After the award was rendered, the Yunlin County Government filed an objection suit against the enforcement of compulsory execution for the Phase II payment by Ta-Ho Onyx RSEA Environment Co., Ltd. on the ground that certain events have taken place thereafter which would impede the claim of Ta-Ho Onyx RSEA Environment Co., Ltd.
Amount in Dispute (NT$)	About $1.44 billion (including $1,387,000 thousand, US$1,706 thousand and JPY307 thousand)
Commencement Date of Litigation	The Yunlin County Government filed the objection suit on February 4, 2016.
Parties	The Yunlin County Government and Ta-Ho Onyx RSEA Environment Co., Ltd.
Status	The Taiwan Yunlin District Court rendered a judgment against the Yunlin County Government on June 3, 2016. The Yunlin County Government then lodged an appeal on June 23, 2016. The Tainan Branch of the Taiwan High Court dismissed the appeal on June 20, 2017 and the Yunlin County Government did not re-appeal, and therefore, the case was finalized. Refer to the "Status" above (within item d) for the updates of the enforcement of compulsory execution.

e. Ho-Ping Power Company

Company Name	Ho-Ping Power Company
Factual Background	The Fair Trade Commission fined Ho-Ping Power Company $1.35 billion for an alleged violation of Article 14 of the Fair Trade Act conducted with other domestic independent power producers.
Amount in Dispute (NT$)	$1.35 billion
Commencement Date of Litigation	March 2013
Parties	Ho-Ping Power Company and the Fair Trade Commission
Status	The Fair Trade Commission made a second administrative disposition in November 2013 and reduced the amount of the fine imposed on Ho-Ping Power Company to $1,320,000 thousand. On June 30, 2015, the Supreme Administrative Court overruled the original judgment in favor of Ho-Ping Power Company and remanded the case for retrial to the Taipei High Administrative Court. On May 25, 2017, the Taipei High Administrative Court ruled in favor of Ho-Ping Power Company by holding that "the original disposition and decision of administrative appeal, which determined that Ho-Ping Power Company committed concerted action, shall be dismissed." The Fair Trade Commission then lodged an appeal, which is now under review by the Supreme Administrative Court. In accordance with the accounting conservatism principle, Ho-Ping Power Company recognized relevant losses in 2012 and paid a fine of $1,056,000 thousand as of June 30, 2018. The outstanding fine was recognized by Ho-Ping Power Company under (i) other payables of $264,000 thousand as of June 30, 2018;(ii) other payables of $264,000 thousand and other non-current liabilities of $132,000 thousand as of December 31, 2017, and (iii) other payables of $264,000 thousand and other non-current liabilities of $264,000 thousand as of June 30, 2017.

Company Name	Ho-Ping Power Company
Factual Background	Taiwan Power Company filed a lawsuit against Ho-Ping Power Company at the Taipei High Administrative Court claiming for its losses of at least $5.2 billion plus interest, which was then expanded to $10.76 billion, and filed another civil litigation at the Taipei District Court claiming for $5.5 billion.
Amount in Dispute (NT$)	About $16 billion in total
Commencement Date of Litigation	September 2015
Parties	Ho-Ping Power Company and Taiwan Power Company
Status	1. There are 2 outstanding litigations against Taiwan Power Company: a) In September 2015, Ho-Ping Power Company received an administrative pleading submitted by Taiwan Power Company to the Taipei High Administrative Court, which was transferred to the Taipei District Court in February 2017, and expanded the claim amount to $10.76 billion. The case is now under review by the Taipei District Court after Taiwan Power Company paid court fees in November 2017. b) In November 2015, Ho-Ping Power Company received a complaint of civil litigation brought by Taiwan Power Company at the Taipei District Court based on the same ground of the aforementioned administrative litigation. The case is currently under review by the Taipei District Court. 2. Taiwan Power Company filed a lawsuit against other independent power producers based on the same ground, which was overruled by the Taipei District Court in February and June 2018. Ho-Ping Power Company will report such court decision to the Taipei District Court to pursue a favorable judgment. 3. Given such situations, Ho-Ping Power Company considered the chance of losing the litigations remote and, therefore, did not recognize relevant losses.

f. To execute the cement barge replacement plan, Da-Ho Maritime Corporation, based on its board of directors' resolution dated December 20, 2013, entered into an agreement with Supero Seiki Co., Ltd. for the purchase of two sets of bulk cement handling equipment in the aggregate amount of US$7,600 thousand, among which US$3,504 thousand was paid as of the date that this report was authorized.

Based on another of the board of directors' resolutions dated July 31, 2015, Da-Ho Maritime Corporation entered into an agreement with Cardinal Maritime S.A. for the purchase of two new cement barges in the aggregate amount of JPY7,036,000 thousand, among which JPY2,462,600 thousand was paid as of the date of this report's issue. The board of directors adopted another resolution dated October 15, 2015 to enter into an agreement with Sumitomo Corporation for the purchase of six bulk carriers in the aggregate amount of US$161,520 thousand. Four bulk carrier purchase agreements have been executed, and US$75,966 thousand has been paid as of the date that this report was authorized for issue.

33. SIGNIFICANT ASSETS AND LIABILITIES DENOMINATED IN FOREIGN CURRENCIES

The following information was aggregated by the foreign currencies other than functional currencies of the group entities and the exchange rates between foreign currencies and respective functional currencies were disclosed. The significant assets and liabilities denominated in foreign currencies were as follows:

June 30, 2017

	Foreign Currencies (In Thousands)	Exchange Rate	Carrying Amount
Financial assets			
Monetary items			
USD	$ 49,160	30.420 (USD:NTD)	$ 1,495,447
USD	88,519	6.783 (USD:RMB)	2,690,673
USD	5,965	7.800 (USD:HKD)	181,319
			$ 4,367,439
Financial liabilities			
Monetary items			
USD	38,201	30.420 (USD:NTD)	$ 1,162,064
USD	1,378,067	7.800 (USD:HKD)	41,888,552
HKD	111,307	0.870 (HKD:RMB)	433,764
			$ 43,484,380

December 31, 2017

	Foreign Currencies (In Thousands)	Exchange Rate	Carrying Amount
Financial assets			
Monetary items			
USD	$ 51,421	29.760 (USD:NTD)	$ 1,530,289
USD	39,472	6.508 (USD:RMB)	1,173,601
USD	9,707	7.810 (USD:HKD)	288,622
HKD	269,460	0.833 (HKD:RMB)	1,025,835
			$ 4,018,347
Financial liabilities			
Monetary items			
USD	56,967	29.760 (USD:NTD)	$ 1,695,325
USD	1,494,000	7.810 (USD:HKD)	44,420,609
HKD	147,171	0.833 (HKD:RMB)	560,278
			$ 46,676,212

June 30, 2018

		Foreign Currencies (In Thousands)	Exchange Rate	Carrying Amount
Financial assets				
Monetary items				
USD	$	84,659	30.460 (USD:NTD)	$ 2,578,713
USD		45,956	6.597 (USD:RMB)	1,400,075
USD		3,652	7.850 (USD:HKD)	111,275
HKD		264,776	0.840 (HKD:RMB)	1,027,595
				$ 5,117,658
Financial liabilities				
Monetary items				
USD		75,346	30.460 (USD:NTD)	$ 2,295,031
USD		1,518,000	7.850 (USD:HKD)	46,247,160
HKD		133,300	0.840 (HKD:RMB)	517,335
				$ 49,059,526

For the three months ended June 30, 2017 and 2018 and the six months ended June 30, 2017 and 2018, realized and unrealized net foreign exchange losses were $235,956 thousand, $182,316 thousand, $210,786 thousand and $210,399 thousand, respectively. It is impractical to disclose net foreign exchange gains (losses) by each significant foreign currency due to the variety of the foreign currency transactions and functional currencies of the group entities.

34. SEPARATELY DISCLOSED ITEMS

a. Information about significant transactions and investees

1) Financing provided to others (Table 1)

2) Endorsements/guarantees provided (Table 2)

3) Marketable securities held (excluding investment in subsidiaries, associates and joint ventures) (Table 3)

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

5) Acquisition of individual real estate at costs of at least NT$300 million or 20% of the share capital (None)

6) Disposal of individual real estate at prices of at least NT$300 million or 20% of the share capital (None)

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

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

9) Trading in derivative instruments (Note 10)

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

11) Information on investees (Table 7)

b. Information on investments in mainland China (Table 8)

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

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

a) The amount and percentage of purchases and the balance and percentage of the related payables at the end of the period

b) The amount and percentage of sales and the balance and percentage of the related receivables at the end of the period

c) The amount of property transactions and the amount of the resultant gains or losses

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

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

f) Other transactions that have a material effect on the profit or loss for the period or on the financial position, such as the rendering or receipt of services

35. SEGMENT INFORMATION

Information reported to the chief operating decision maker for the purpose of resource allocation and assessment of segment performance focuses on the types of segment. Specifically, the Group's reportable segments under IFRS 8 "Operating Segments" were as follows:

a. Cement segment - production, processing and sale of cement goods

b. Chemical engineering segment - production, processing and sale of chemical raw materials

c. Electricity segment - thermal power generation

d. Other segments - land and marine transportation
- production and sale of refractory materials
- others

The Corporation uses the profit from operations as the measure for segment income and the basis of performance assessment. There was no material difference between the accounting policies of the operating segments and the accounting policies described in Note 4.

Segment revenue and results

	Segment Revenue For the Six Months Ended June 30		Segment Income For the Six Months Ended June 30	
	2017	**2018**	**2017**	**2018**
Cement segment	$ 32,739,364	$ 43,143,164	$ 3,669,385	$ 11,144,586
Chemical engineering segment	6,713,898	7,782,596	(74,598)	334,682
Electricity segment	5,214,850	4,884,743	2,285,958	1,907,022
Other segments	1,225,739	1,689,743	148,440	279,027
	$ 45,893,851	$ 57,500,246	6,029,185	13,665,317
Share of profit of associates and joint ventures			666,243	1,074,248
Dividend income			295,911	647,383
Interest income			112,498	181,574
Finance costs			(943,342)	(1,155,023)
Foreign exchange losses, net			(210,786)	(210,399)
Administrative expenses and directors' remuneration			(26,863)	(35,670)
Other income and expenses, net			(168,516)	272,771
Income before tax			$ 5,754,330	$ 14,440,201

Segment profit represented profit before tax earned by each segment without an allocation of central administrative expenses, directors' remuneration, the share of profit of associates and joint ventures accounted for by using the equity method, dividend income, interest income, finance costs, unrealized net foreign exchange losses and income tax expense.

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

FINANCINGS PROVIDED TO OTHERS
FOR THE SIX MONTHS ENDED JUNE 30, 2018
(In Thousands of New Taiwan Dollars)

No.	Lender	Borrower (Note 2)	Financial Statement Account	Related Parties	Highest Balance for the Period	Ending Balance	Actual Borrowing Amount	Interest Rate (%)	Nature of Financing	Business Transaction Amount	Reason for Short-term Financing	Allowance for Impairment Loss	Collateral Item	Collateral Value	Financing Limit for Each Borrower (Note 1)	Aggregate Financing Limit (Note 1)	Note
1	Taiwan Transport & Storage Corporation	Ta-Ho Onyx RSEA Environment Co., Ltd.	Other receivables - related parties	Yes	$ 10,000	$ -	$ -	-	The need for short-term financing	$ -	Operating capital	$ -	-	$ -	$ 810,508	$ 810,508	
		TCC Chemical Corporation	Other receivables - related parties	Yes	300,000	300,000	300,000	1.54	The need for short-term financing	-	Operating capital	-	-	-	810,508	810,508	
2	Taiwan Cement Engineering Corporation	TCC Chemical Corporation	Other receivables - related parties	Yes	200,000	200,000	200,000	1.54	The need for short-term financing	-	Operating capital	-	-	-	287,782	287,782	
3	TCC (Guigang) Cement Ltd.	TCC Huaying Cement Company Limited	Other receivables - related parties	Yes	1,373,760	1,330,096	1,117,650	3.48	The need for short-term financing	-	Operating capital	-	-	-	18,682,766	37,365,532	
		Scitus Luzhou Concrete Co., Ltd.	Other receivables - related parties	Yes	95,400	92,368	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,682,766	37,365,532	
		Guizhou Kong On Cement Company Limited	Other receivables - related parties	Yes	310,050	300,195	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,682,766	37,365,532	
		TCC Anshun Cement Company Limited	Other receivables - related parties	Yes	477,000	461,839	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,682,766	37,365,532	
		TCC Yingde Cement Co., Ltd.	Other receivables - related parties	Yes	477,000	461,839	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,682,766	37,365,532	
		Scitus Luzhou Cement Co., Ltd.	Other receivables - related parties	Yes	1,335,600	1,293,149	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,682,766	37,365,532	
		Scitus Naxi Cement Co., Ltd.	Other receivables - related parties	Yes	477,000	461,839	184,736	3.48	The need for short-term financing	-	Operating capital	-	-	-	18,682,766	37,365,532	
		TCC Huaihua Cement Company Limited	Other receivables - related parties	Yes	954,000	923,678	621,635	3.48	The need for short-term financing	-	Operating capital	-	-	-	18,682,766	37,365,532	
		TCC Jingzhou Cement Company Limited (Note 2)	Other receivables - related parties	Yes	715,500	692,759	692,759	3.48	The need for short-term financing	-	Operating capital	-	-	-	18,682,766	37,365,532	
4	Yingde Dragon Mountain Cement Co., Ltd.	TCC Yingde Cement Co., Ltd.	Other receivables - related parties	Yes	954,000	923,678	-	-	The need for short-term financing	-	Operating capital	-	-	-	11,267,439	22,534,879	
		TCC Liaoning Cement Company Limited	Other receivables - related parties	Yes	1,087,560	1,052,993	1,052,993	3.05	The need for short-term financing	-	Operating capital	-	-	-	11,267,439	22,534,879	
5	TCC Yingde Cement Co., Ltd.	TCC Jingzhou Cement Company Limited	Other receivables - related parties	Yes	238,500	230,920	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		TCC (Dong Guan) Cement Company Limited	Other receivables - related parties	Yes	477,000	461,839	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		Guizhou Kaili Rui An Jian Cai Co., Ltd.	Other receivables - related parties	Yes	715,500	692,759	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		TCC Anshun Cement Company Limited	Other receivables - related parties	Yes	954,000	923,678	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		TCC Guangan Cement Company Ltd.	Other receivables - related parties	Yes	954,000	923,678	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		Scitus Naxi Cement Co., Ltd.	Other receivables - related parties	Yes	238,500	230,920	138,552	3.48	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		TCC Shaoguan Cement Co., Limited	Other receivables - related parties	Yes	353,411	342,178	342,178	3.68	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		Guizhou Kong On Cement Company Limited	Other receivables - related parties	Yes	477,000	461,839	383,326	3.48	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		TCC Chongqing Cement Company Limited	Other receivables - related parties	Yes	477,000	461,839	415,655	3.48	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		Scitus Luzhou Cement Co., Ltd.	Other receivables - related parties	Yes	858,600	831,310	577,299	3.48	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	
		TCC Huaihua Cement Company Limited	Other receivables - related parties	Yes	954,000	923,678	773,580	3.48	The need for short-term financing	-	Operating capital	-	-	-	18,466,870	36,933,740	

(Continued)

No.	Lender	Borrower (Note 2)	Financial Statement Account	Related Parties	Highest Balance for the Period	Ending Balance	Actual Borrowing Amount	Interest Rate (%)	Nature of Financing	Business Transaction Amount	Reason for Short-term Financing	Allowance for Impairment Loss	Collateral Item	Collateral Value	Financing Limit for Each Borrower (Note 1)	Aggregate Financing Limit (Note 1)	Note
6	TCC Fuzhou Cement Co., Ltd.	Guizhou Kaili Rui An Jian Cai Co., Ltd.	Other receivables - related parties	Yes	$ 238,500	$ 230,920	$ -	-	The need for short-term financing	$ -	Operating capital	$ -	-	$ -	$ 919,724	$ 2,759,171	
		TCC New (Hangzhou) Management Company Limited	Other receivables - related parties	Yes	477,000	461,839	-	-	The need for short-term financing	-	Operating capital	-	-	-	919,724	2,759,171	
		TCC Liaoning Cement Company Limited	Other receivables - related parties	Yes	333,900	323,287	161,644	3.48	The need for short-term financing	-	Operating capital	-	-	-	919,724	2,759,171	
7	TCCIH	TCC Yingde Cement Co., Ltd.	Other receivables - related parties	Yes	249,093	241,084	241,084	-	The need for short-term financing	-	Operating capital	-	-	-	80,700,595	161,401,190	
8	Prime York Ltd.	UPPV	Other receivables - related parties	Yes	197,931	197,931	197,931	-	The need for short-term financing	-	Operating capital	-	-	-	2,813,155	5,626,309	
9	Jurong TCC Cement Co., Ltd.	Guizhou Kong On Cement Company Limited	Other receivables - related parties	Yes	333,900	323,287	-	-	The need for short-term financing	-	Operating capital	-	-	-	11,259,318	22,518,636	
		TCC Yingde Cement Co., Ltd.	Other receivables - related parties	Yes	477,000	461,839	-	-	The need for short-term financing	-	Operating capital	-	-	-	11,259,318	22,518,636	
		TCC Guangan Cement Company Ltd.	Other receivables - related parties	Yes	477,000	461,839	-	-	The need for short-term financing	-	Operating capital	-	-	-	11,259,318	22,518,636	
		TCC Anshun Cement Company Limited	Other receivables - related parties	Yes	954,000	923,678	-	-	The need for short-term financing	-	Operating capital	-	-	-	11,259,318	22,518,636	
		TCC Chongqing Cement Company Limited	Other receivables - related parties	Yes	954,000	923,678	-	-	The need for short-term financing	-	Operating capital	-	-	-	11,259,318	22,518,636	
		TCC Huaihua Concrete Company Limited	Other receivables - related parties	Yes	143,100	138,552	50,802	3.48	The need for short-term financing	-	Operating capital	-	-	-	11,259,318	22,518,636	
		Scitus Luzhou Cement Co., Ltd.	Other receivables - related parties	Yes	715,500	692,759	92,368	3.48	The need for short-term financing	-	Operating capital	-	-	-	11,259,318	22,518,636	
		TCC Liaoning Cement Company Limited	Other receivables - related parties	Yes	333,900	323,287	300,195	3.48	The need for short-term financing	-	Operating capital	-	-	-	11,259,318	22,518,636	
		TCC Huaihua Cement Company Limited	Other receivables - related parties	Yes	1,192,500	1,154,598	1,062,230	3.48	The need for short-term financing	-	Operating capital	-	-	-	11,259,318	22,518,636	
10	TCC Anshun Cement Company Limited	Anshun Xin Tai Construction Materials Company Limited	Other receivables - related parties	Yes	95,400	92,368	-	-	The need for short-term financing	-	Operating capital	-	-	-	6,628,834	13,257,667	
		Scitus Luzhou Concrete Co., Ltd.	Other receivables - related parties	Yes	143,100	138,552	-	-	The need for short-term financing	-	Operating capital	-	-	-	6,628,834	13,257,667	
		Guizhou Kaili Rui An Jian Cai Co., Ltd.	Other receivables - related parties	Yes	143,100	138,552	92,368	3.48	The need for short-term financing	-	Operating capital	-	-	-	6,628,834	13,257,667	
		Scitus Luzhou Cement Co., Ltd.	Other receivables - related parties	Yes	143,100	138,552	92,368	3.48	The need for short-term financing	-	Operating capital	-	-	-	6,628,834	13,257,667	
		TCC Chongqing Cement Company Limited	Other receivables - related parties	Yes	477,000	461,839	230,920	3.48	The need for short-term financing	-	Operating capital	-	-	-	6,628,834	13,257,667	
		Guizhou Kong On Cement Company Limited	Other receivables - related parties	Yes	286,200	277,103	254,011	3.48	The need for short-term financing	-	Operating capital	-	-	-	6,628,834	13,257,667	
11	TCC Guangan Cement Company Ltd.	Guizhou Kaili Rui An Jian Cai Co., Ltd.	Other receivables - related parties	Yes	95,400	92,368	-	-	The need for short-term financing	-	Operating capital	-	-	-	3,146,881	6,293,763	
		Scitus Luzhou Cement Co., Ltd.	Other receivables - related parties	Yes	143,100	138,552	-	-	The need for short-term financing	-	Operating capital	-	-	-	3,146,881	6,293,763	
12	Wayly Holdings Ltd.	Guizhou Kaili Rui An Jian Cai Co., Ltd.	Other receivables - related parties	Yes	60,862	60,862	60,862	-	The need for short-term financing	-	Operating capital	-	-	-	3,084,419	6,168,837	
13	TCC Chongqing Cement Company Limited	TCC Jingzhou Cement Company Limited	Other receivables - related parties	Yes	95,400	92,368	-	-	The need for short-term financing	-	Operating capital	-	-	-	5,446,258	10,892,516	
		TCC Huaying Cement Company Limited	Other receivables - related parties	Yes	119,250	115,460	-	-	The need for short-term financing	-	Operating capital	-	-	-	5,446,258	10,892,516	
		Guizhou Kong On Cement Company Limited	Other receivables - related parties	Yes	143,100	138,552	-	-	The need for short-term financing	-	Operating capital	-	-	-	5,446,258	10,892,516	
		Guizhou Kaili Rui An Jian Cai Co., Ltd.	Other receivables - related parties	Yes	238,500	230,920	-	-	The need for short-term financing	-	Operating capital	-	-	-	5,446,258	10,892,516	
		Scitus Luzhou Cement Co., Ltd.	Other receivables - related parties	Yes	238,500	230,920	-	-	The need for short-term financing	-	Operating capital	-	-	-	5,446,258	10,892,516	
		TCC Guangan Cement Company Ltd.	Other receivables - related parties	Yes	477,000	461,839	-	-	The need for short-term financing	-	Operating capital	-	-	-	5,446,258	10,892,516	

(Continued)

No.	Lender	Borrower (Note 2)	Financial Statement Account	Related Parties	Highest Balance for the Period	Ending Balance	Actual Borrowing Amount	Interest Rate (%)	Nature of Financing	Business Transaction Amount	Reason for Short-term Financing	Allowance for Impairment Loss	Collateral		Financing Limit for Each Borrower (Note 1)	Aggregate Financing Limit (Note 1)	Note
													Item	Value			
		Scitus Naxi Cement Co., Ltd.	Other receivables - related parties	Yes	$ 143,100	$ 138,552	$ 138,552	3.48	The need for short-term financing	$ -	Operating capital	$ -	-	$ -	$ 5,446,258	$ 10,892,516	
		TCC Huaihua Cement Company Limited	Other receivables - related parties	Yes	715,500	692,759	567,600	3.48	The need for short-term financing	-	Operating capital	-	-	-	5,446,258	10,892,516	
14	TCC New (Hangzhou) Management Company Limited	Scitus Luzhou Concrete Co., Ltd.	Other receivables - related parties	Yes	38,160	36,947	-	-	The need for short-term financing	-	Operating capital	-	-	-	545,908	1,091,816	
		Scitus Naxi Cement Co., Ltd.	Other receivables - related parties	Yes	262,350	254,011	203,209	3.48	The need for short-term financing	-	Operating capital	-	-	-	545,908	1,091,816	
		Scitus Luzhou Cement Co., Ltd.	Other receivables - related parties	Yes	295,740	286,340	240,156	3.48	The need for short-term financing	-	Operating capital	-	-	-	545,908	1,091,816	
15	Prosperity Minerals (China) Ltd.	TCC New (Hangzhou) Management Company Limited	Other receivables - related parties	Yes	380,392	368,302	368,302	-	The need for short-term financing	-	Operating capital	-	-	-	985,829	1,971,659	
16	Da Tong (Guigang) International Logistics Co., Ltd.	Guigang Da-Ho Shipping Co., Ltd.	Other receivables - related parties	Yes	143,100	138,552	-	-	The need for short-term financing	-	Operating capital	-	-	-	566,475	1,132,951	
17	Guizhou Kaili Rui An Jian Cai Co., Ltd.	Scitus Naxi Cement Co., Ltd.	Other receivables - related parties	Yes	143,100	138,552	-	-	The need for short-term financing	-	Operating capital	-	-	-	3,035,416	6,070,832	
18	TCC Huaihua Cement Company Limited	TCC Jingzhou Cement Company Limited	Other receivables - related parties	Yes	95,400	92,368	-	-	The need for short-term financing	-	Operating capital	-	-	-	2,052,875	4,105,750	
19	Scitus Luzhou Cement Co., Ltd.	Guizhou Kaili Rui An Jian Cai Co., Ltd.	Other receivables - related parties	Yes	95,400	92,368	-	-	The need for short-term financing	-	Operating capital	-	-	-	2,082,721	4,165,443	

Note 1: "Financing Limits for Each Borrower" and "Aggregate Financing Limits":

A. For Taiwan Cement Corporation, financing limits are as follows:

a. Where a business relationship exists, the individual financing limits were the total transaction amounts with the borrower and 20% of Taiwan Cement Corporation's net equity in the recent year.
b. Where there is a need for a short-term financing facility, the individual financing limits were 20% of Taiwan Cement Corporation's net equity as stated in its latest financial statements.
c. For the above items a and b, the aggregate financing limits were 40% of Taiwan Cement Corporation's net equity as stated in its latest financial statements.

B. The restrictions above in paragraph A, subparagraphs b and c shall not apply to inter-company loans of funds between foreign companies of which Taiwan Cement Corporation holds, directly or indirectly, 100% of the voting shares. The aggregate and individual financing limits for the companies were 200% and 100%, respectively, of the net equity of each company as stated in their respective latest financial statements. In addition, the aggregate and individual financing limits for TCC International Ltd. were both 40% of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for TCC Fuzhou Cement Co., Ltd. were 300% and 100%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for TCC New (Hangzhou) Management Company Limited were 600% and 300%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for Prosperity Minerals (China) Ltd. were 400% and 200%, respectively, of its net equity as stated in its latest financial statements.

C. The individual and aggregate financing limits for the other companies were 40% of the net equity of each respective company.

Note 2: All intercompany transactions have been eliminated upon consolidation.

(Concluded)

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

ENDORSEMENTS/GUARANTEES PROVIDED
FOR THE SIX MONTHS ENDED JUNE 30, 2018
(In Thousands of New Taiwan Dollars)

No.	Endorser/Guarantor	Endorsee/Guarantee		Limits on Endorsement/ Guarantee Given on Behalf of Each Party (Note 1)	Maximum Amount Endorsed/ Guaranteed During the Period	Outstanding Endorsement/ Guarantee at the End of the Period	Actual Borrowing Amount	Amount Endorsed/ Guaranteed by Collaterals	Ratio of Accumulated Endorsement/ Guarantee to Net Equity in Latest Financial Statements (%)	Aggregate Endorsement/ Guarantee Limit (Note 2)	Endorsement/ Guarantee Given by Parent on Behalf of Subsidiaries	Endorsement/ Guarantee Given by Subsidiaries on Behalf of Parent	Endorsement/ Guarantee Given on Behalf of Companies in Mainland China	Note
		Name	Relationship (Note 3)											
0	Taiwan Cement Corporation	TCCI	b	$ 75,634,853	$ 28,662,860	$ 28,662,860	$ 16,844,380	$ -	18.95	$ 151,269,705	Yes	No	No	
		TCC Investment Corporation	b	75,634,853	2,600,000	2,580,000	1,390,000	-	1.71	151,269,705	Yes	No	No	
		TCC Chemical Corporation	b	75,634,853	1,913,000	1,308,000	1,028,000	-	0.86	151,269,705	Yes	No	No	
		Union Cement Traders Inc.	b	75,634,853	1,450,000	1,450,000	650,000	-	0.96	151,269,705	Yes	No	No	
		Ho Sheng Mining Co., Ltd.	b	75,634,853	99,884	99,884	-	99,884	0.07	151,269,705	Yes	No	No	
		Jin Chang Minerals Corporation	b	75,634,853	68,848	68,848	39,814	39,814	0.05	151,269,705	Yes	No	No	
1	TCCIH	TCC (Guigang) Cement Ltd.	b	40,350,298	5,558,725	5,558,725	1,915,731	-	6.89	80,700,595	Yes	No	Yes	
		Jurong TCC Cement Co., Ltd.	b	40,350,298	2,550,695	2,550,695	632,719	-	3.16	80,700,595	Yes	No	Yes	
		TCC Yingde Cement Co., Ltd.	b	40,350,298	1,786,009	1,786,009	303,950	-	2.21	80,700,595	Yes	No	Yes	
		TCC Chongqing Cement Company Limited	b	40,350,298	1,404,900	1,399,719	509,221	-	1.73	80,700,595	Yes	No	Yes	
		TCC Liaoning Cement Company Limited	b	40,350,298	1,265,580	921,209	-	-	1.14	80,700,595	Yes	No	Yes	
		TCC Fuzhou Cement Co., Ltd.	b	40,350,298	1,242,630	1,216,292	138,552	-	1.51	80,700,595	Yes	No	Yes	
		Scitus Luzhou Cement Co., Ltd.	b	40,350,298	913,800	913,800	-	-	1.13	80,700,595	Yes	No	Yes	
		Guizhou Kaili Rui An Jian Cai Co., Ltd.	b	40,350,298	609,200	609,200	-	-	0.75	80,700,595	Yes	No	Yes	
		Guizhou Kong On Cement Company Limited	b	40,350,298	360,096	307,646	-	-	0.38	80,700,595	Yes	No	Yes	
2	TCC (Guigang) Cement Ltd.	TCCI (HK)	c	9,341,383	685,260	-	-	-	-	18,682,766	No	Yes	No	
3	Ho Sheng Mining Co., Ltd.	Taiwan Cement Corporation	c	209,175	137,462	137,462	137,462	-	197.15	209,175	No	Yes	No	

Note 1: Limits on endorsement/guarantee given on behalf of each party were as follows:

a. For Taiwan Cement Corporation, TCCIH and TCC (Guigang) Cement Ltd., 50% of the net equity in their respective latest financial statements.
b. For endorsement/guarantee given by Taiwan Cement Corporation due to business transactions, 50% of the business transaction amounts in the previous year.
c. For Ho Sheng Mining Co., Ltd., 300% of its net equity in its latest financial statements.

Note 2: Aggregate endorsement/guarantee limit was 300% of its net equity in its latest financial statements for Ho Sheng Mining Co., Ltd., and the limit for other the endorsers/guarantors was the net equity in their respective latest financial statements.

Note 3: Relationship between the endorser/guarantor and the endorsee/guarantee is classified as follows:

a. Having a business relationship.
b. The endorser/guarantor directly or indirectly owns more than 50% of the ordinary shares of the endorsee/guarantee.
c. The endorsee/guarantee directly or indirectly owns more than 50% of the ordinary shares of the endorser/guarantor.
d. Company in which the public company directly or indirectly holds 90% or more of the voting shares may make endorsements/guarantees for each other.
e. Due to joint venture, all shareholders provide endorsements/guarantees to the endorsee/guarantee in proportion to its ownership.

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

MARKETABLE SECURITIES HELD
JUNE 30, 2018
(In Thousands of New Taiwan Dollars)

Holding Company Name	Type and Name of Marketable Securities	Relationship with the Holding Company	Financial Statement Account	June 30, 2018				Note
				Shares/Units (In Thousands)	Carrying Amount	Percentage of Ownership (%)	Fair Value	
Taiwan Cement Corporation	Shares							
	Chien Kuo Construction Co., Ltd.	-	FVTPL - current	9,403	$ 111,893	-	$ 111,893	
	Taiwan Television Enterprise, Ltd.	The Corporation serves as supervisor	FVTPL - current	13,573	88,359	-	88,359	
	Chinatrust Financial Holding Co., Ltd.	-	FVTPL - current	3,575	78,484	-	78,484	
	China Hi-Ment Corporation	The Corporation serves as director	FVTOCI - current	27,451	1,611,377	-	1,611,377	
	Taishin Financial Holding Co., Ltd.	-	FVTOCI - current	58,553	843,160	-	843,160	
	CTCI Corporation	-	FVTOCI - current	9,054	441,852	-	441,852	
	Chia Hsin Cement Corporation	Directors	FVTOCI - current	27,419	352,340	-	352,340	
	O-Bank	The Corporation serves as director	FVTOCI - current	29,719	252,017	-	252,017	
	China Synthetic Rubber Corporation	The same chairman	FVTOCI - non-current	55,180	2,579,673	-	2,579,673	
	IBT II Venture Capital Corporation	-	FVTOCI - non-current	2,626	20,426	8.3	20,426	
	Rong Gong Enterprise Co.	The Corporation serves as supervisor	FVTOCI - non-current	3,390	14,645	4.0	14,645	
	Chinatrust Investment Co., Ltd.	The Corporation serves as director	FVTOCI - non-current	29,553	1,083,693	9.4	1,083,693	
	Pan Asia Corporation	The Corporation serves as supervisor	FVTOCI - non-current	6,204	8,996	5.4	8,996	
	Taiwan Stock Exchange Corporation	The Corporation serves as director	FVTOCI - non-current	45,983	3,343,860	6.6	3,343,860	
	Excel Corporation	-	FVTOCI - non-current	600	-	9.5	-	
Taiwan Transport & Storage Corporation	Shares							
	Chia Hsin Cement Corporation	Director of parent company	FVTOCI - current	8,632	110,915	-	110,915	
TCC Investment Corporation	Shares							
	O-Bank	The Corporation serves as director	FVTOCI - current	21,934	186,000	-	186,000	21,000 thousand shares were pledged
	Taishin Financial Holding Co., Ltd.	-	FVTOCI - current	11,201	161,290	-	161,290	
	Chia Hsin Cement Corporation	Director of parent company	FVTOCI - current	8,334	107,090	-	107,090	7,000 thousand shares were pledged
	China Conch Venture Holdings Limited	-	FVTOCI - non-current	28,000	3,118,772	-	3,118,772	
	China Synthetic Rubber Corporation	The same chairman	FVTOCI - non-current	14,631	684,004	-	684,004	1,934 thousand shares were pledged
	Chinatrust Investment Co., Ltd.	The Corporation serves as director	FVTOCI - non-current	10,884	399,111	3.5	399,111	
	Pan Asia Corporation	The Corporation serves as supervisor	FVTOCI - non-current	1	14	-	14	
Ta-Ho Maritime Corporation	Shares							
	Prosperity Dielectrics Co., Ltd.	-	FVTPL - current	951	112,717	-	112,717	
	Chia Hsin Cement Corporation	Director of parent company	FVTOCI - current	25,761	331,032	-	331,032	
	Chinatrust Investment Co., Ltd.	The Corporation serves as director	FVTOCI - non-current	6,612	242,450	2.1	242,450	
Taiwan Cement Engineering Corporation	Beneficiary certificates							
	Capital Money Market Fund	-	FVTPL - current	2,930	47,094	-	47,094	
TCC Chemical Corporation	Shares							
	Taiwan Stock Exchange Corporation	The Corporation serves as director	FVTOCI - non-current	2,626	190,937	-	190,937	
TCC Information Systems Corporation	Beneficiary certificates							
	Yuanta De-Bao Money Market Fund	-	FVTPL - current	2,575	30,828	-	30,828	
	Fuh Hwa You Li Money Market	-	FVTPL - current	2,288	30,722	-	30,722	
	Shares							
	China Synthetic Rubber Corporation	The same chairman	FVTOCI - non-current	1,369	63,982	-	63,982	

(Continued)

Holding Company Name	Type and Name of Marketable Securities	Relationship with the Holding Company	Financial Statement Account	June 30, 2018				Note
				Shares/Units (In Thousands)	Carrying Amount	Percentage of Ownership (%)	Fair Value	
Taiwan Prosperity Chemical Corporation	Shares							
	Taishin Financial Holding Co., Ltd.	-	FVTOCI - current	73,600	$ 1,059,842	-	$ 1,059,842	
Hoping Industrial Port Corporation	Shares							
	Chinatrust Investment Co., Ltd.	The Corporation serves as director	FVTOCI - non-current	10,444	382,970	3.3	382,970	
E.G.C. Cement Corporation	Beneficiary certificates							
	Nomura Global Short Duration Bond Fund	-	FVTPL - current	2,367	24,396	-	24,396	
	Nomura Taiwan Money Market Fund	-	FVTPL - current	2,123	34,505	-	34,505	
	UPAMC James Bond Money Market Fund	-	FVTPL - current	1,205	20,063	-	20,063	
	Taishin 1699 Money Market Fund	-	FVTPL - current	378	5,095	-	5,095	
	Shares							
	Der Pao Construction Co., Ltd.	-	FVTPL - current	34	-	0.1	-	
Union Cement Traders Inc.	Shares							
	Taishin Financial Holding Co., Ltd.	-	FVTOCI - current	25,865	372,458	-	372,458	
	CTCI Corporation	-	FVTOCI - current	13,365	652,227	-	652,227	
	Chia Hsin Cement Corporation	Director of parent company	FVTOCI - current	7,441	95,617	-	95,617	
	China Synthetic Rubber Corporation	The same chairman	FVTOCI - non-current	7,633	356,836	-	356,836	
	Videoland Inc.	-	FVTOCI - non-current	6,437	394,874	5.6	394,874	
TCCI (Group)	Beneficiary certificates							
	Mega Diamond Money Market Fund	-	FVTPL - current	3,130	39,458	-	39,458	
	Shares							
	Anhui Conch Cement Co., Ltd.	-	FVTOCI - non-current	116,568	20,358,020	-	20,358,020	
	Yargoon Co., Ltd.	-	FVTOCI - non-current	19	3,159	24.2	3,159	

Note 1: Marketable securities in the table refer to shares, bonds, beneficiary certificates and other related securities within the scope of IFRS 9 "Financial Instruments".

Note 2: Refer to Tables 7 and 8 for the information on investments in subsidiaries, associates and joint ventures.

(Concluded)

TABLE 4

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

MARKETABLE SECURITIES ACQUIRED AND DISPOSED AT COSTS OR PRICES OF AT LEAST NT$300 MILLION OR 20% OF THE SHARE CAPITAL
FOR THE SIX MONTHS ENDED JUNE 30, 2018
(In Thousands of New Taiwan Dollars)

Company Name	Type and Name of Marketable Securities	Financial Statement Account	Counterparty	Relationship	Beginning Balance		Acquisition		Disposal				Other Adjustment (Note 1)	Ending Balance	
					Shares/Units (In Thousands)	Amount	Shares/Units (In Thousands)	Amount	Shares/Units (In Thousands)	Amount	Carrying Amount	Gain on Disposal (Note 4)		Shares	Amount
	Shares														
Taiwan Cement Corporation	E-ONE Moli Energy Corporation	Investments accounted for using equity method (Note 3)	-	Associates	983	$ 1,572	47,535	$ 475,351	391 (Note 2)	$ -	$ -	$ -	$ 156	48,127	$ 477,079
Union Cement Traders Inc.	E-ONE Moli Energy Corporation	Investments accounted for using equity method (Note 3)	-	Associates	15,283	24,453	8,210	82,100	6,081 (Note 2)	-	-	-	(76,808)	17,412	29,745
Taiwan Cement Corporation	Taiwan Prosperity Chemical Corporation	Investments accounted for using equity method	-	Subsidiaries	145,988	1,608,901	-	-	24,370	636,654	266,848	369,806	138,530	121,618	1,480,583

Note 1: Including share of profit or loss of subsidiaries, equity adjustments, etc.

Note 2: The shares of capital reduction handled by E-ONE Moli Energy Corporation.

Note 3: The original investments previously recognized as financial assets at FVTOCI, refer to Note 8 for information related to acquiring shares of E-ONE Moli Energy Corporation.

Note 4: The capital surplus recorded is the difference between the purchase price and the carrying amount on the date on which the subsidiaries are acquired or disposed of.

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

TOTAL PURCHASES FROM OR SALES TO RELATED PARTIES AMOUNTING TO AT LEAST NT$100 MILLION OR 20% OF THE SHARE CAPITAL
FOR THE SIX MONTHS ENDED JUNE 30, 2018
(In Thousands of New Taiwan Dollars)

Buyer	Related Party	Relationship	Transaction Details				Abnormal Transaction		Notes/Accounts Receivable (Payable)		Note
			Purchases/Sales	Amount	% of Total	Payment Terms	Unit Price	Payment Terms	Ending Balance	% of Total (Note 1)	
Taiwan Cement Corporation	Chia Hsin Cement Corporation	Director	Sales	(202,184)	(2)	65 days after the end of the day when delivery was made	$ -	-	$ 86,923	23	
	Feng Sheng Enterprise Company	Subsidiary	Sales	(173,919)	(2)	30 days	-	-	77,931	20	Note 2
			Purchases	186,605	3	30 days	-	-	(22,886)	(4)	Note 2
	TCCIH	Subsidiary	Service revenue	(255,196)	(3)	By contract	-	-	42,859	11	Note 2
	Taiwan Transport & Storage Corporation	Subsidiary	Purchases	254,754	3	30 days	-	-	(103,905)	(16)	Note 2
	China Hi-Ment Corporation	The Corporation serves as director	Purchases	240,722	3	60 days	-	-	(142,174)	(22)	
	Hoping Industrial Port Corporation	Subsidiary	Purchases	224,402	3	20 days	-	-	(5,633)	(1)	Note 2
	Ta-Ho Maritime Corporation	Subsidiary	Purchases	502,050	7	30 days	-	-	(161,420)	(25)	Note 2
	E.G.C. Cement Corporation	Subsidiary	Sales	(209,828)	(3)	50 days after the end of the day when delivery was made	-	-	79,420	21	Note 2
	Jin Chang Minerals Corporation	Subsidiary	Purchases	279,395	4	30 days	-	-	(76,538)	(12)	Note 2
	Ho Sheng Mining Co., Ltd.	Subsidiary	Purchases	256,444	3	30 days	-	-	(55,529)	(9)	Note 2
E.G.C. Cement Corporation	Taiwan Cement Corporation	Parent company	Purchases	209,828	100	50 days after the end of the day when delivery was made	-	-	(79,420)	(99)	Note 2
Ho-Ping Power Company	Hoping Industrial Port Corporation	The same parent company	Purchases	484,278	15	20 days	-	-	(80,711)	(3)	Note 2
	HPC Power Service Corporation	The same parent company	Purchases	206,409	6	By contract	-	-	(69,969)	(2)	Note 2
Hoping Industrial Port Corporation	Taiwan Cement Corporation	Parent company	Sales	(224,402)	(31)	20 days	-	-	5,633	6	Note 2
	Ho-Ping Power Company	The same parent company	Sales	(484,278)	(68)	20 days	-	-	80,711	92	Note 2
Feng Sheng Enterprise Company	Taiwan Cement Corporation	Parent company	Sales	(186,605)	(16)	30 days	-	-	22,886	100	Note 2
			Purchases	173,919	15	30 days	-		(77,931)	(100)	Note 2
Taiwan Transport & Storage Corporation	Taiwan Cement Corporation	Parent company	Sales	(254,754)	(43)	30 days	-	-	103,905	65	Note 2
Jin Chang Minerals Corporation	Taiwan Cement Corporation	Parent company	Sales	(279,395)	(100)	30 days	-	-	76,538	100	Note 2
Ho Sheng Mining Co., Ltd.	Taiwan Cement Corporation	Parent company	Sales	(256,444)	(92)	30 days	-	-	55,529	97	Note 2
HPC Power Service Corporation	Ho-Ping Power Company	The same parent company	Sales	(206,409)	(100)	By contract	-	-	69,969	100	Note 2
Ta-Ho Maritime Corporation	Taiwan Cement Corporation	Parent company	Sales	(502,050)	(40)	30 days	-	-	161,420	100	Note 2
	THC International S.A.	Subsidiary	Rent expense	103,125	10	Agreed upon by both parties	-	-	(43,176)	(19)	Note 2
THC International S.A.	Ta-Ho Maritime Corporation	Parent company	Rent revenue	(103,125)	(100)	Agreed upon by both parties	-	-	43,176	100	Note 2
Da Tong (Guigang) International Logistics Co., Ltd.	TCC (Gui Ggang) Cement Ltd.	The same ultimate parent company	Freight revenue	(158,741)	(36)	Agreed upon by both parties	-	-	66,521	100	Note 2
Guigang Da-Ho Shipping Co., Ltd.	TCC Yingde Cement Co., Ltd.	The same ultimate parent company	Freight revenue	(113,917)	(25)	Agreed upon by both parties	-	-	51,087	56	Note 2
	TCC (Gui Ggang) Cement Ltd.	The same ultimate parent company	Freight revenue	(145,230)	(32)	Agreed upon by both parties	-	-	40,218	44	Note 2

(Continued)

Buyer	Related Party	Relationship	Transaction Details				Abnormal Transaction		Notes/Accounts Receivable (Payable)		Note
			Purchases/Sales	Amount	% of Total	Payment Terms	Unit Price	Payment Terms	Ending Balance	% of Total (Note 1)	
HKCCL	Quon Hing Concrete Co., Ltd.	Associated	Sales	$ (109,672)	(33)	Agreed upon by both parties	$ -	-	$ 43,849	37	
TCC (Gui Ggang) Cement Ltd.	Da Tong (Guigang) International Logistics Co., Ltd.	The same ultimate parent company	Purchases	158,741	4	Agreed upon by both parties	-	-	(66,521)	(24)	Note 2
	Guigang Da-Ho Shipping Co., Ltd.	The same ultimate parent company	Purchases	145,230	4	Agreed upon by both parties	-	-	(40,218)	(14)	Note 2
TCC Yingde Cement Co., Ltd.	Guigang Da-Ho Shipping Co., Ltd.	The same ultimate parent company	Purchases	113,917	3	Agreed upon by both parties	-	-	(51,087)	(16)	Note 2
TCCIH	Taiwan Cement Corporation	Parent company	Service expense	255,196	100	By contract	-	-	(42,859)	(100)	Note 2

Note 1: The percentage to total accounts receivable from (payable to) related parties.

Note 2: All intercompany transactions have been eliminated upon consolidation.

(Concluded)

TABLE 6

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

RECEIVABLES FROM RELATED PARTIES AMOUNTING TO AT LEAST NT$100 MILLION OR 20% OF THE SHARE CAPITAL
JUNE 30, 2018
(In Thousands of New Taiwan Dollars)

Related Party	Company Name	Relationship	Ending Balance	Turnover Rate (%)	Overdue		Amounts Received in Subsequent Period	Allowance for Impairment Loss
					Amount	Actions Taken		
Taiwan Cement Corporation	Hoping Industrial Port Corporation (Note 2)	Subsidiary	$ 799,975	(Note 1)	$ -	-	$ 799,975	$ -
	Ta-Ho Maritime Corporation (Note 2)	Subsidiary	110,344	(Note 1)	-	-	-	-
	Ho-Ping Power Company (Note 2)	Subsidiary	2,975,000	(Note 1)	-	-	2,975,000	-
Taiwan Transport & Storage Corporation	Taiwan Cement Corporation (Note 2)	Parent company	103,905	5.3	-	-	60,926	-
Ta-Ho Maritime Corporation	Taiwan Cement Corporation (Note 2)	Parent company	161,420	6.2	-	-	70,609	-
Prime York Ltd.	Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd.	Associates	143,545	(Note 1)	-	-	143,545	-

Note 1: Dividends receivable.

Note 2: All intercompany transactions have been eliminated upon consolidation.

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

INFORMATION ON INVESTEES
FOR THE SIX MONTHS ENDED JUNE 30, 2018
(In Thousands of New Taiwan Dollars)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		As of June 30, 2018			Net Income (Loss) of the Investee	Share of Profit (Loss)	Note
				December 31, 2017	June 30, 2018	Shares/Units (In Thousands)	%	Carrying Amount			
Taiwan Cement Corporation	TCCI	British Virgin Islands	Investment holding	$ 18,344,635	$ 18,344,635	600,876	100.00	$ 70,829,247	$ 6,583,990	$ 6,583,990	Note
	Ho-Ping Power Company	Taiwan	Thermal power generation	6,037,720	6,037,720	602,973	59.50	16,035,137	668,188	397,572	Note
	Hoping Industrial Port Corporation	Taiwan	Hoping Industrial Port management	3,198,500	3,198,500	319,990	100.00	5,244,952	286,182	286,173	Note
	Ta-Ho Maritime Corporation	Taiwan	Marine transportation	528,506	528,506	118,649	64.79	2,136,183	97,620	63,245	Note
	Taiwan Prosperity Chemical Corporation	Taiwan	Processing and sale of chemical material	1,284,143	1,040,443	121,618	41.65	1,480,583	295,125	138,389	Note
	Taiwan Transport & Storage Corporation	Taiwan	Warehousing, transportation and sale of sand and gravel	90,862	90,862	32,668	83.85	1,721,153	57,572	48,272	Note
	TCC Investment Corporation	Taiwan	Investment	190,000	190,000	54,150	100.00	3,749,376	(14,543)	(14,543)	Note
	Ho Sheng Mining Co., Ltd.	Taiwan	Mining excavation	1,414,358	1,414,358	30,100	100.00	1,064,817	50,792	50,792	Note
	CCC USA Corporation	U.S.A.	Rubber raw materials	481,983	481,983	39	33.33	762,478	150,611	50,204	
	Taiwan Cement Engineering Corporation	Taiwan	Engineering services	319,439	319,439	59,593	99.05	699,383	(670)	27	Note
	ONYX Ta-Ho Environmental Services Co., Ltd.	Taiwan	Waste collection and treatment	72,000	72,000	8,000	50.00	607,036	297,778	148,889	
	Kuan-Ho Refractories Industry Corporation	Taiwan	Production and sale of refractory materials	181,050	181,050	18,105	95.29	398,954	67,499	64,320	Note
	Feng Sheng Enterprise Company	Taiwan	Sale of ready-mixed concrete	250,000	250,000	27,261	45.43	342,098	17,384	7,898	Note
	TCC Chemical Corporation	Taiwan	Leasing property and energy technology services	1,510,842	1,510,842	240,000	100.00	889,633	7,221	24,357	Note
	Ta-Ho Onyx Taitung Environment Co., Ltd.	Taiwan	Waste collection and treatment	313,187	313,187	37,100	100.00	296,712	383	383	Note
	TCC Information Systems Corporation	Taiwan	Information software	71,000	71,000	14,904	99.36	264,256	10,281	10,215	Note
	Ta-Ho Onyx RSEA Environment Co., Ltd.	Taiwan	Waste collection and treatment	666,000	666,000	66,600	66.60	204,014	(4,624)	(3,080)	Note
	HKCMCL	Hong Kong	Investment holding	72,005	72,005	38	84.65	293,739	11,954	10,119	Note
	TCC Green Energy Corporation	Taiwan	Renewable energy generation	46,046	46,046	10,000	100.00	172,277	(7,342)	(7,342)	Note
	Jin Chang Minerals Corporation	Taiwan	Afforestation and sale of limestone	18,042	18,042	1,800	100.00	175,197	45,660	45,660	Note
	HPC Power Service Corporation	Taiwan	Business consulting	1,861	1,861	6	60.00	57,657	92,321	55,392	Note
	E.G.C. Cement Corporation	Taiwan	Sale of cement	184,359	184,359	8,063	50.64	100,895	5,498	2,785	Note
	Synpac Ltd.	British Virgin Islands	Investment	70,367	70,367	2,700	25.00	6,903	189	47	
	Tung Chen Mineral Corporation	Taiwan	Afforestation and sale of limestone	1,989	1,989	20	99.45	1,374	(20)	(20)	Note
	TMC	Philippines	Mining excavation	11,880	11,880	120	72.70	-	-	-	Note
	TPMC	Philippines	Mining excavation	2,105	2,105	20	40.00	-	-	-	Note
	TCCIH	Cayman Islands	Investment holding	19,125,321	19,125,321	1,319,841	24.07	21,254,515	8,553,771	2,058,893	Note
	E-ONE Moli Energy Corporation	Taiwan	Manufacturing and sale of lithium battery	10,728	481,811	48,127	15.97	477,079	35,815	5,574	
Taiwan Transport & Storage Corporation	Ta-Ho Maritime Corporation	Taiwan	Marine transportation	247,229	300,507	53,408	29.16	962,102	97,620	29,040	Note
	E.G.C. Cement Corporation	Taiwan	Sale of cement	126,518	126,518	7,061	44.36	117,747	5,498	2,439	Note
	Chia Huan Tung Cement Corporation	Taiwan	Manufacturing and sale of cement-related products	97,181	97,181	9,718	12.74	32,936	(12,854)	(1,638)	
	Ho Swen Construction Material Co., Ltd.	Taiwan	Sand and gravel filtering and sale	10,200	10,200	1,020	51.00	123	(101)	(52)	Note

(Continued)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		As of June 30, 2018			Net Income (Loss) of the Investee	Share of Profit (Loss)	Note
				December 31, 2017	June 30, 2018	Shares/Units (In Thousands)	%	Carrying Amount			
TCC Investment Corporation	Union Cement Traders Inc.	Taiwan	Import and export trading	$ 219,450	$ 219,450	21,945	100.00	$ 1,001,619	$ (5,675)	$ (5,675)	Note
	Ho-Ping Power Company	Taiwan	Thermal power generation	68,911	68,911	5,067	0.50	131,282	668,188	3,341	Note
	Taiwan Prosperity Chemical Corporation	Taiwan	Processing and sale of chemical material	11,168	10,528	658	0.23	8,011	295,125	665	Note
	Ta-Ho Maritime Corporation	Taiwan	Marine transportation	343	343	34	0.02	618	97,620	18	Note
	E-ONE Moli Energy Corporation	Taiwan	Manufacturing and sale of lithium battery	145,253	172,648	18,068	6.00	30,867	35,815	2,093	
Ta-Ho Maritime Corporation	Ta-Ho Maritime Holdings Ltd.	Samoa	Investment	325,995	325,995	10,300	100.00	4,020,656	24,758	24,758	Note
	Shih Hsin Storage & Transportation Co., Ltd.	Taiwan	Warehousing, transportation and sale of cement	30,952	30,952	3,114	3.34	9,694	(43,230)	(1,444)	
	Chia Huan Tung Cement Corporation	Taiwan	Manufacturing and sale of cement-related products	8,825	8,825	883	1.16	2,999	(12,854)	(149)	
Taiwan Cement Engineering Corporation	TCEC Corporation	Brunei Darussalam	Investment	16,295	16,295	-	100.00	116,032	94	94	Note
TCC Information Systems Corporation	Taicem Information (Samoa) Pte., Ltd.	Samoa	Investment	3,042	3,042	2,128	100.00	49,027	1,226	1,226	Note
Hoping Industrial Port Corporation	Taiwan Prosperity Chemical Corporation	Taiwan	Processing and sale of chemical material	104,929	104,929	6,675	2.29	81,262	295,125	6,747	Note
	E-ONE Moli Energy Corporation	Taiwan	Manufacturing and sale of lithium battery	49,142	60,862	6,633	2.20	11,330	35,815	768	
E.G.C. Cement Corporation	Shih Hsin Storage & Transportation Co., Ltd.	Taiwan	Warehousing, transportation and sale of cement	110,128	110,128	11,082	11.87	34,453	(43,230)	(5,131)	
Feng Sheng Enterprise Company	Ho Swen Construction Material Co., Ltd.	Taiwan	Sand and gravel filtering and sale	1,800	1,800	180	9.00	-	-	-	Note
Union Cement Traders Inc.	Shih Hsin Storage & Transportation Co., Ltd.	Taiwan	Warehousing, transportation and sale of cement	34,203	34,203	3,442	3.69	10,702	(43,230)	(1,594)	
	Taiwan Transport & Storage Corporation	Taiwan	Warehousing, transportation and sale of sand and gravel	2,612	2,612	261	0.67	13,766	57,572	386	Note
	Chia Huan Tung Cement Corporation	Taiwan	Manufacturing and sale of cement-related products	2,835	2,835	283	0.37	960	(12,854)	(48)	
	E-ONE Moli Energy Corporation	Taiwan	Manufacturing and sale of lithium battery	132,049	161,605	17,412	5.78	29,745	35,815	2,017	
Ho-Ping Power Company	Ho-Ping Renewable Energy Company	Taiwan	Renewable energy generation	-	1,000	100	100.00	1,000	-	-	Note
TCC Green Energy Corporation	TCC Chiayi Green Energy Corporation	Taiwan	Renewable energy generation	-	2,000	200	100.00	1,985	(15)	(15)	Note
	TCC Yunlin Green Energy Corporation	Taiwan	Renewable energy generation	-	2,000	200	100.00	1,985	(15)	(15)	Note
	TCC Hualien Green Energy Corporation	Taiwan	Renewable energy generation	-	2,000	200	100.00	1,985	(15)	(15)	Note
Ta-Ho Maritime Holdings Ltd.	THC International S.A.	Panama	Marine transportation	59,818	61,225	2	100.00	2,497,476	(19,376)	(19,376)	Note
	Sheng Ho Maritime S.A.	Panama	Marine transportation	59,818	61,225	2	100.00	469,389	(679)	(679)	Note
	Ta-Ho Maritime (Hong Kong) Limited	Hong Kong	Marine transportation	151,776	155,346	5,100	100.00	618,460	42,622	42,622	Note
	Chi Ho Maritime S.A.	Panama	Marine transportation	193,738	198,295	7	100.00	351,021	1,890	1,890	Note
	Ta-Ho Maritime (Singapore) Pte. Ltd.	Singapore	Marine transportation	2,976	3,046	100	100.00	73,317	266	266	Note
TCC International Ltd. (Group)	Quon Hing Concrete Co., Ltd.	Hong Kong	Investment holding	169,377	172,670	100	50.00	264,725	97,933	48,966	
	Chia Huan Tung Cement Corporation	Taiwan	Manufacturing and sale of cement-related products	148,554	148,554	14,855	19.48	50,348	(12,854)	(2,504)	
	Hong Kong Concrete Co., Ltd.	Hong Kong	Cement processing services	25,971	26,476	129	31.50	223,515	60,700	19,121	

Note: All intercompany transactions have been eliminated upon consolidation.

(Concluded)

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

INFORMATION ON INVESTMENT IN MAINLAND CHINA
FOR THE SIX MONTHS ENDED JUNE 30, 2018
(In Thousands of New Taiwan Dollars)

A.

Investee Company	Main Businesses and Products	Share Capital	Method of Investment (Note 1)	Accumulated Outward Remittance for Investment from Taiwan as of January 1, 2018 (Note 2)	Investment Flow (Note 2)		Accumulated Outward Remittance for Investment from Taiwan as of June 30, 2018 (Note 2)	Net Income (Loss) of the Investee	% Ownership of Direct or Indirect Investment	Investment Gain (Loss) (Note 3)	Carrying Amount as of June 30, 2018 (Note 3)	Accumulated Repatriation of Investment Income as of June 30, 2018	Note
					Outflow	Inflow							
Anhui King Bridge Cement Co., Ltd.	Manufacturing and sale of cement	$ 456,900	(a)	$ 155,346	$ -	$ -	$ 155,346	$ 4,584	60.00	$ 2,751	$ 240,927	$ -	Note 7
TCC Fuzhou Cement Co., Ltd.	Manufacturing and sale of cement	494,975	(a)	279,661	-	-	279,661	41,878	100.00	41,878	953,685	-	Note 7
TCC Fuzhou Yangyu Port Co., Ltd.	Port for cement transportation	152,300	(a)	86,050	-	-	86,050	1,012	100.00	1,012	297,223	-	Note 7
TCC Liuzhou Construction Materials Company Limited.	Manufacturing and sale of slag	411,210	(a)	98,690	-	-	98,690	60,933	42.00	25,592	404,335	-	Note 7
TCC Yingde Cement Co., Ltd.	Manufacturing and sale of cement	7,749,024	(a)	4,841,952	-	-	4,841,952	1,982,899	100.00	1,982,899	20,284,370	-	Note 7
Jurong TCC Cement Co., Ltd.	Manufacturing and sale of cement	7,097,180	(a)	4,142,408	-	-	4,142,408	681,313	100.00	681,313	11,829,346	-	Note 7
TCC (Guangan) Cement Ltd.	Manufacturing and sale of cement	10,139,400	(a)	7,252,522	-	-	7,252,522	2,005,213	100.00	2,005,213	20,551,660	-	Note 7
Jiangsu TCC Investment Co., Ltd.	Investment	1,523,000	(a)	860,495	-	-	860,495	152,738	100.00	152,738	2,652,703	-	Note 7
Yingde Dragon Mountain Cement Co., Ltd.	Manufacturing and sale of cement	1,966,309	(a)	3,308,965	-	-	3,308,965	1,092,326	100.00	1,092,326	12,259,464	-	Note 7
TCC Liaoning Cement Company Limited	Manufacturing and sale of cement	1,704,003	(a)	1,375,952	-	-	1,357,952	(77,825)	100.00	(77,825)	1,749,808	-	Note 7
TCC Anshun Cement Company Limited	Manufacturing and sale of cement	4,675,305	(a)	3,406,219	-	-	3,406,219	631,160	100.00	631,160	7,201,493	-	Note 7
TCC Chongqing Cement Co., Ltd.	Manufacturing and sale of cement	3,594,280	(a)	2,598,888	-	-	2,598,888	714,472	100.00	714,472	6,112,084	-	Note 7
TCC Guangan Cement Company Ltd.	Manufacturing and sale of cement	2,345,115	(a)	1,702,573	-	-	1,702,573	435,907	100.00	435,907	3,554,061	-	Note 7
TCC (Dong Guan) Cement Company Limited	Manufacturing and sale of cement	609,200	(a)	344,198	-	-	344,198	7,151	100.00	7,151	323,897	-	Note 7
Guizhou Kong On Cement Company Limited	Manufacturing and sale of cement	618,338	(a)	278,714	-	-	278,714	100,311	65.00	65,202	508,258	-	Note 7
TCC New (Hangzhou) Management Company Limited	Operation management	243,680	(a)	137,679	-	-	137,679	5,672	100.00	5,672	186,090	-	Note 7
Guizhou Kaili Rui An Jian Cai Co., Ltd.	Manufacturing and sale of cement	1,789,711	(a)	1,089,688	-	-	1,089,688	448,523	100.00	448,523	3,455,947	-	Note 7
TCC Shaoguan Cement Co., Limited	Manufacturing and sale of cement	1,218,400	(a)	1,085,899	-	-	1,085,899	(7,798)	100.00	(7,798)	1,209,664	-	Note 7
TCC Huaying Cement Company Limited	Manufacturing and sale of cement	4,362,799	(a)	3,107,299	-	-	3,107,299	447,664	100.00	447,664	2,713,922	-	Note 7
TCC Huaihua Cement Company Limited (Note 4)	Manufacturing and sale of cement	427,149	(a)	5,688,196	-	-	5,688,196	261,833	100.00	261,833	2,296,931	-	Note 7
TCC Jingzhou Cement Company Limited (Note 4)	Manufacturing and sale of cement	45,930	(a)	-	-	-	-	107,357	100.00	107,357	1,250,706	-	Note 7
TCC Huaihua Concrete Company Limited (Note 4)	Sale of ready-mixed concrete	45,930	(a)	-	-	-	-	(20,148)	100.00	(20,148)	50,900	-	Note 7
TCC Jiangsu Mining Industrial Company Limited	Mining of limestone	121,840	(a)	380,960	-	-	380,960	(6,813)	100.00	(6,813)	295,926	-	Note 7
TCC Yingde Mining Industrial Company Limited	Mining of limestone	350,290	(a)	275,592	-	-	275,592	9,761	100.00	9,761	457,873	-	Note 7
TCC Guigang Mining Industrial Company Limited	Mining of limestone	152,300	(a)	131,546	-	-	131,546	6,539	100.00	6,539	388,943	-	Note 7
Scitus Naxi Cement Co., Ltd. (Note 5)	Manufacturing and sale of cement	672,920	(a)	-	-	-	-	99,418	100.00	99,418	238,292	-	Note 7
Scitus Luzhou Cement Co., Ltd. (Note 5)	Manufacturing and sale of cement	1,814,235	(a)	-	-	-	-	255,552	100.00	255,552	2,319,381	-	Note 7
Scitus Hejiang Cement Co., Ltd. (Note 5)	Manufacturing and sale of cement	106,787	(a)	-	-	-	-	(973)	100.00	(973)	16,513	-	Note 7
Scitus Luzhou Concrete Co., Ltd. (Note 5)	Sale of ready-mixed concrete	114,825	(a)	-	-	-	-	3,145	100.00	3,145	144,878	-	Note 7
Anshun Xin Tai Construction Materials Company Limited	Sand and gravel filtering and sale of ready-mixed concrete	68,895	(a)	92,484	-	-	92,484	333	100.00	333	66,821	-	Note 7
TCEC (Yingde) Machine Co., Ltd. (Note 6)	Production and sale of cement machinery and assembly work	16,295	(b)	16,295	-	-	16,295	94	100.00	94	116,030	-	Note 7
Fuzhou TCC Information Technology Co., Ltd. (Note 6)	Software product and equipment maintenance	3,046	(c)	3,046	-	-	3,046	1,071	100.00	1,071	42,302	-	Note 7
Da Tong (Guigang) International Logistics Co., Ltd. (Note 6)	Logistics and transportation	152,300	(d)	152,300	-	-	152,300	42,858	100.00	42,858	601,890	-	Note 7
Da Tong (Ying De) Logistics Co., Ltd. (Note 6)	Logistics and transportation	22,965	(d)	22,965	-	-	22,965	7,238	100.00	7,238	91,998	-	Note 7
Guigang Da-Ho Shipping Co., Ltd. (Note 6)	Marine transportation	18,372	(d)	18,372	-	-	18,372	29,473	100.00	29,473	308,764	-	Note 7
Prosperity Conch Cement Co., Ltd. (Note 6)	Manufacturing and sale of cement	2,663,940	(a)	2,215,612	-	-	2,215,612	2,219,073	25.00	554,768	4,206,561	-	
Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd. (Note 6)	Manufacturing and sale of cement	3,789,225	(a)	1,444,482	-	-	1,444,482	342,036	30.00	102,611	1,610,403	-	
Baoshan Kungang & K. Wah Cement Construction Materials Co., Ltd. (Note 6)	Manufacturing and sale of cement	1,894,980	(a)	699,484	-	-	699,484	393,117	30.00	117,935	979,613	-	
Sichuan Taichang Building Material Group Company Limited (Note 6)	Manufacturing and sale of cement	918,600	(a)	349,666	-	-	349,666	112,543	30.00	33,763	34,212	-	
Guangan Xin Tai Construction Materials Company Limited (Note 6)	Manufacturing and sale of concrete aggregate	71,192	(a)	47,736	-	-	47,736	-	50.00	-	-	-	
Guigang TCC Donyuan Environmental Technology Limited (Note 9)	Waste collection and treatment	-	(e)	-	-	-	-	-	-	-	-	-	

(Continued)

Accumulated Investment in Mainland China as of June 30, 2018	Investment Amounts Authorized by Investment Commission, MOEA	Upper Limit on Investment
$71,545,695	$72,828,480	(Note 8)

Note 1: All investments in mainland China companies were through a company invested and established in a third region. The method of investments were as follows:

a. Investment through TCCI.
b. Investment through TECE Corp. (Brunei).
c. Investment through Taicem Information (Samoa) Pte. Ltd.
d. Investment through Ta-Ho Maritime (Hong Kong) Limited.
e. Investment through TCC (Gui Gang) Cement Ltd.

Note 2: Including outward remittance from offshore subsidiaries.

Note 3: For TCC Yingde Cement Co., Ltd., TCC (Gui Gang) Cement Ltd., TCC Anshun Cement Company Limited, TCC Chongqing Cement Company Limited, Jurong TCC Cement Co., Ltd. and Yingde Dragon Mountain Cement Co., Ltd. the carrying amounts and investment gains or losses are based on the reviewed financial statements, and those for all other entities are not.

Note 4: As of June 30, 2018, the accumulated outward remittance for investments was a total of those from TCC Huaihua Cement Company Limited, TCC Jingzhou Cement Company Limited and TCC Huaihua Concrete Company Limited.

Note 5: As of June 30, 2018, accumulated outward remittance for investments was a total of $2,950,506 thousand from 10 companies, including Zunyi Scitus Cement Co., Ltd., Scitus Bijie Cement Co., Ltd., Scitus Naxi Cement Co., Ltd., Scitus Luzhou Cement Co., Ltd., Scitus Xishui Cement Co., Ltd., Scitus Hejiang Cement Co., Ltd., Guizhou Zunyi Ken On Concrete Co., Ltd., Scitus Bijie Concrete Co., Ltd., Scitus Luzhou Concrete Co., Ltd. and Scitus Cement (Guizhou) Operating Company Limited. Except Scitus Naxi Cement Co., Ltd., Scitus Luzhou Cement Co., Ltd., Scitus Hejiang Cement Co., Ltd. and Scitus Luzhou Concrete Co., Ltd., while the other companies were disposed of in March 2013. The investment amounts authorized to be withdrawn are currently being processed by the Investment Commission, MOEA.

Note 6: Including the amounts attributable to non-controlling interests.

Note 7: All intercompany transactions have been eliminated upon consolidation.

Note 8: The Corporation received a confirmation letter of Operation Headquarter from the Industrial Development Bureau of the MOEA in October 2016 stating that the Corporation is not limited by the restriction on the accumulated percentage or amount of investment in mainland China.

Note 9: As of June 30, 2018, the Group remitted RMB1 million for investment.

B. Refer to Tables 1, 2, 5 and 9 for the information about significant transactions with investees in the mainland China either directly or indirectly through a third area.

(Concluded)

TABLE 9

TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

INTERCOMPANY RELATIONSHIPS AND SIGNIFICANT INTERCOMPANY TRANSACTIONS
FOR THE SIX MONTHS ENDED JUNE 30, 2018
(In Thousands of New Taiwan Dollars)

No.	Investee Company	Counterparty	Relationship (Note 1)	Transactions Details			
				Financial Statement Account	Amount	Payment Terms	% of Total Sales or Assets
0	Taiwan Cement Corporation	Feng Sheng Enterprise Company	1	Operating costs and expenses	$ 186,605	30 days	0.3
				Operating revenue	173,919	30 days	0.3
		Taiwan Transport & Storage Corporation	1	Operating costs and expenses	254,754	30 days	0.4
				Payables to related parties	103,905	30 days	-
		Hoping Industrial Port Corporation	1	Operating costs and expenses	224,402	20 days	0.4
				Other accounts receivable from related parties	799,975	-	0.3
		Ho Sheng Mining Co., Ltd.	1	Operating costs and expenses	256,444	30 days	0.4
		TCCIH	1	Operating revenue	255,196	By contract	0.4
		Ta-Ho Maritime Corporation	1	Operating costs and expenses	502,050	30 days	0.9
				Payables to related parties	161,420	30 days	0.1
				Other accounts receivable from related parties	110,344	-	-
		E.G.C. Cement Corporation	1	Operating revenue	209,828	50 days after the end of the day when delivery was made	0.4
		Jin Chang Minerals Corporation	1	Operating costs and expenses	279,395	30 days	0.5
		Ho-Ping Power Company	1	Other accounts receivable from related parties	2,975,000	-	1.0
1	Ho-Ping Power Company	Hoping Industrial Port Corporation	3	Operating costs and expenses	484,278	20 days	0.8
		HPC Power Service Corporation	3	Operating costs and expenses	206,409	By contract	0.4
2	TCC Chemical Corporation	Taiwan Prosperity Chemical Corporation	3	Finance lease receivables	151,003	By contract	-
				Long-term finance lease receivables	1,322,171	By contract	0.4
		Taiwan Transport & Storage Corporation	3	Other payables to related parties	300,000	By contract	0.1
		Taiwan Cement Engineering Corporation	3	Other payables to related parties	200,000	By contract	0.1
3	THC International S.A.	Ta-Ho Maritime Corporation	3	Operating revenue	103,125	Agreed upon by both parties	0.2
4	Da Tong (Guigang) International Logistics Co., Ltd.	TCC (Gui Gang) Cement Ltd.	3	Operating revenue	158,741	Agreed upon by both parties	0.3
5	Guigang Da-Ho Shipping Co., Ltd.	TCC (Gui Gang) Cement Ltd.	3	Operating revenue	145,230	Agreed upon by both parties	0.3
		TCC Yingde Cement Co., Ltd.	3	Operating revenue	113,917	Agreed upon by both parties	0.2

Note 1: All intercompany transactions have been eliminated upon consolidation. The directional flow of the investment relationship is represented by the following numerals:

a. From parent to subsidiary: 1
b. From subsidiary to parent: 2
c. Between subsidiaries: 3

Note 2: This table includes transactions for amounts over $100 million.