

**Taiwan Cement Corporation and  
Subsidiaries**

**Consolidated Financial Statements for the  
Six Months Ended June 30, 2023 and 2022 and  
Independent Auditors' Review Report**

## 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 (collectively, the “Group”) as of June 30, 2023 and 2022, the related consolidated statements of comprehensive income for the three months ended June 30, 2023 and 2022 and for the six months ended June 30, 2023 and 2022, the related consolidated statements of changes in equity and cash flows for the six months then ended, and the related notes to the consolidated financial statements, 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” endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China. 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 Standards on Review Engagements of the Republic of China 2410 “Review of Interim 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 12 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, 2023 and 2022, the combined total assets of these non-significant subsidiaries were NT\$88,620,590 thousand and NT\$83,824,453 thousand, respectively, representing 19% and 19%, respectively, of the Group’s consolidated total assets, and the combined total liabilities of these non-significant subsidiaries as of June 30, 2023 and 2022 were NT\$11,868,618 thousand and NT\$13,169,825 thousand, respectively, representing 5% and 6%, respectively, of the Group’s consolidated total liabilities; for the three months ended June 30, 2023 and 2022 and for the six months ended June 30, 2023 and 2022, the net comprehensive income (loss) of these subsidiaries were NT\$(117,802) thousand, NT\$(612,581) thousand, NT\$(34,113) thousand and NT\$113,043 thousand, respectively, representing 9%, 7%, (3%) and 16%, respectively, of the Group’s consolidated comprehensive income (loss).

## 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 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, 2023 and 2022, its consolidated financial performance for the three months ended June 30, 2023 and 2022 and its consolidated financial performance and its consolidated cash flows for the six months ended June 30, 2023 and 2022 in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard 34 “Interim Financial Reporting” endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China.

The engagement partners on the reviews resulting in this independent auditors’ review report are Ya-Ling Wong and Hui-Min Huang.

Ya-Ling Wong

Hui-Min Huang

Deloitte & Touche  
Taipei, Taiwan  
Republic of China

August 10, 2023

### Notice to Readers

*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 of New Taiwan Dollars)

ASSETS	June 30, 2023		December 31, 2022		June 30, 2022	
	Amount	%	Amount	%	Amount	%
<b>CURRENT ASSETS</b>						
Cash and cash equivalents (Note 6)	\$ 52,738,528	12	\$ 88,842,494	19	\$ 100,497,555	22
Financial assets at fair value through profit or loss (Notes 7, 32 and 34)	669,525	-	611,802	-	897,051	-
Financial assets at fair value through other comprehensive income (Notes 8, 32 and 34)	7,076,567	1	5,934,753	1	6,167,487	2
Financial assets at amortized cost (Notes 6 and 34)	40,903,119	9	20,954,299	5	17,901,319	4
Notes receivable (Notes 9 and 23)	16,335,830	4	19,450,723	4	18,570,885	4
Accounts receivable (Notes 9, 10 and 23)	11,946,433	3	15,148,760	3	10,410,206	2
Notes and accounts receivable from related parties (Note 33)	467,414	-	513,975	-	418,855	-
Other receivables	2,663,612	1	2,309,268	1	2,616,430	1
Other receivables from related parties (Note 33)	205,832	-	415,606	-	340,308	-
Inventories (Note 11)	14,503,585	3	16,089,980	4	18,318,975	4
Prepayments	5,586,772	1	4,268,024	1	5,087,475	1
Other current assets (Note 23)	974,346	-	1,084,374	-	987,913	-
Total current assets	<u>154,071,563</u>	<u>34</u>	<u>175,624,058</u>	<u>38</u>	<u>182,214,459</u>	<u>40</u>
<b>NON-CURRENT ASSETS</b>						
Financial assets at fair value through profit or loss (Notes 7, 32 and 34)	295,228	-	284,876	-	-	-
Financial assets at fair value through other comprehensive income (Notes 8, 32 and 34)	21,190,943	5	22,751,646	5	25,435,382	6
Financial assets at amortized cost (Notes 6 and 34)	16,988,509	4	9,577,103	2	5,302,392	1
Investments accounted for using the equity method (Notes 13 and 34)	54,948,925	12	53,586,673	12	47,658,167	11
Property, plant and equipment (Notes 14, 24, 33 and 34)	124,271,643	27	114,739,983	25	107,366,250	24
Right-of-use assets (Notes 15, 24 and 34)	15,196,608	3	15,503,775	3	15,278,120	3
Investment properties (Notes 16, 24 and 34)	5,312,799	1	5,323,016	1	5,416,901	1
Intangible assets (Notes 17, 24 and 28)	28,155,143	6	27,880,416	6	27,738,042	6
Prepayments for property, plant and equipment (Note 14)	11,068,378	2	9,658,047	2	8,086,893	2
Long-term finance lease receivables (Note 10)	20,287,377	5	21,372,402	5	23,198,379	5
Net defined benefit assets (Note 4)	1,576,689	-	1,567,531	-	1,854,524	-
Other non-current assets (Notes 4 and 34)	2,977,844	1	2,939,435	1	2,724,700	1
Total non-current assets	<u>302,270,086</u>	<u>66</u>	<u>285,184,903</u>	<u>62</u>	<u>270,059,750</u>	<u>60</u>
<b>TOTAL</b>	<u>\$ 456,341,649</u>	<u>100</u>	<u>\$ 460,808,961</u>	<u>100</u>	<u>\$ 452,274,209</u>	<u>100</u>
<b>LIABILITIES AND EQUITY</b>						
<b>CURRENT LIABILITIES</b>						
Short-term loans (Notes 18, 30 and 34)	\$ 19,568,604	4	\$ 22,416,812	5	\$ 48,804,574	11
Short-term bills payable (Note 18)	2,179,034	1	3,065,961	1	3,681,025	1
Financial liabilities at fair value through profit or loss (Notes 7 and 32)	259,682	-	641,522	-	508,322	-
Contract liabilities (Note 23)	3,950,878	1	1,774,714	-	1,363,052	-
Notes and accounts payable (Note 33)	11,952,741	3	13,691,411	3	13,304,491	3
Dividends payable	4,061,562	1	-	-	6,576,979	2
Other payables (Notes 14, 20 and 28)	12,286,207	3	9,771,591	2	8,782,692	2
Other payables to related parties (Note 33)	988,838	-	750,236	-	789,303	-
Current income tax liabilities (Note 4)	1,644,024	-	1,063,356	-	1,499,768	-
Lease liabilities (Notes 15 and 33)	443,014	-	400,136	-	416,216	-
Long-term loans and bonds payable - current portion (Notes 18, 19, 30 and 34)	33,818,641	7	21,511,839	5	873,496	-
Other current liabilities	398,789	-	121,833	-	261,438	-
Total current liabilities	<u>91,552,014</u>	<u>20</u>	<u>75,209,411</u>	<u>16</u>	<u>86,861,356</u>	<u>19</u>
<b>NON-CURRENT LIABILITIES</b>						
Bonds payable (Note 19)	68,836,963	15	72,136,574	16	89,442,081	20
Long-term loans (Notes 18, 30 and 34)	28,385,009	6	42,864,736	9	24,965,582	6
Lease liabilities (Notes 15 and 33)	3,612,317	1	3,550,048	1	3,437,272	1
Deferred income tax liabilities (Note 4)	12,849,141	3	12,359,419	3	12,239,829	3
Long-term bills payable (Note 18)	15,063,156	4	14,990,589	3	15,004,165	3
Net defined benefit liabilities (Note 4)	63,683	-	119,623	-	82,272	-
Other non-current liabilities (Notes 13 and 14)	1,259,915	-	1,302,781	-	1,282,721	-
Total non-current liabilities	<u>130,070,184</u>	<u>29</u>	<u>147,323,770</u>	<u>32</u>	<u>146,453,922</u>	<u>33</u>
Total liabilities	<u>221,622,198</u>	<u>49</u>	<u>222,533,181</u>	<u>48</u>	<u>233,315,278</u>	<u>52</u>
<b>EQUITY ATTRIBUTABLE TO SHAREHOLDERS OF THE CORPORATION (Note 22)</b>						
Ordinary shares	71,561,817	16	71,561,817	16	61,252,340	13
Preference shares	2,000,000	-	2,000,000	-	2,000,000	-
Share dividends to be distributed	-	-	-	-	6,116,173	1
Capital surplus	66,009,915	14	65,985,865	14	56,802,786	13
Retained earnings	67,560,364	15	66,527,594	14	62,765,381	14
Other equity	7,884,583	2	11,991,090	3	11,686,482	3
Treasury shares	(732,459)	-	(171,600)	-	(200,808)	-
Equity attributable to shareholders of the Corporation	<u>214,284,220</u>	<u>47</u>	<u>217,894,766</u>	<u>47</u>	<u>200,422,354</u>	<u>44</u>
<b>NON-CONTROLLING INTERESTS (Note 22)</b>	<u>20,435,231</u>	<u>4</u>	<u>20,381,014</u>	<u>5</u>	<u>18,536,577</u>	<u>4</u>
Total equity	<u>234,719,451</u>	<u>51</u>	<u>238,275,780</u>	<u>52</u>	<u>218,958,931</u>	<u>48</u>
<b>TOTAL</b>	<u>\$ 456,341,649</u>	<u>100</u>	<u>\$ 460,808,961</u>	<u>100</u>	<u>\$ 452,274,209</u>	<u>100</u>

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

(With Deloitte & Touche review report dated August 10, 2023)

## TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

### CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (In Thousands of New Taiwan Dollars, Except Earnings (Loss) Per Share)

	For the Three Months Ended June 30				For the Six Months Ended June 30			
	2023		2022		2023		2022	
	Amount	%	Amount	%	Amount	%	Amount	%
OPERATING REVENUE (Notes 23 and 33)	\$ 27,668,242	100	\$ 25,177,833	100	\$ 53,964,171	100	\$ 48,151,294	100
OPERATING COSTS (Notes 11, 21, 24 and 33)	<u>21,683,284</u>	<u>78</u>	<u>25,046,288</u>	<u>99</u>	<u>45,509,992</u>	<u>84</u>	<u>45,932,917</u>	<u>96</u>
GROSS PROFIT	<u>5,984,958</u>	<u>22</u>	<u>131,545</u>	<u>1</u>	<u>8,454,179</u>	<u>16</u>	<u>2,218,377</u>	<u>4</u>
OPERATING EXPENSES (Notes 21, 24 and 33)								
Marketing	211,324	1	188,200	1	471,697	1	403,018	1
General and administrative	2,057,713	8	1,522,392	6	3,769,143	7	2,868,679	6
Research and development	<u>347,673</u>	<u>1</u>	<u>428,632</u>	<u>2</u>	<u>679,024</u>	<u>1</u>	<u>746,736</u>	<u>1</u>
Total operating expenses	<u>2,616,710</u>	<u>10</u>	<u>2,139,224</u>	<u>9</u>	<u>4,919,864</u>	<u>9</u>	<u>4,018,433</u>	<u>8</u>
INCOME (LOSS) FROM OPERATIONS	<u>3,368,248</u>	<u>12</u>	<u>(2,007,679)</u>	<u>(8)</u>	<u>3,534,315</u>	<u>7</u>	<u>(1,800,056)</u>	<u>(4)</u>
NON-OPERATING INCOME AND EXPENSES								
Share of profit of associates and joint ventures (Note 13)	1,226,146	4	842,722	3	2,230,881	4	1,464,969	3
Interest income (Note 24)	854,262	3	427,121	2	1,595,980	3	799,160	2
Dividend income	762,223	3	1,230,163	5	762,223	1	1,635,456	3
Other income	417,847	2	226,207	1	538,884	1	307,713	1
Foreign exchange gains (losses), net	(71,780)	-	157,194	-	8,448	-	561,938	1
Net gain (loss) on financial assets and liabilities at fair value through profit or loss	122,974	-	(87,402)	-	434,826	1	(329,633)	(1)
Finance costs (Notes 24 and 33)	(843,405)	(3)	(660,172)	(3)	(1,672,670)	(3)	(1,185,382)	(2)
Net loss on disposal of property, plant and equipment	(20,183)	-	(57,225)	-	(34,258)	-	(19,879)	-
Other expenses	<u>(34,475)</u>	<u>-</u>	<u>(505,679)</u>	<u>(2)</u>	<u>(135,883)</u>	<u>-</u>	<u>(696,925)</u>	<u>(1)</u>
Total non-operating income and expenses	<u>2,413,609</u>	<u>9</u>	<u>1,572,929</u>	<u>6</u>	<u>3,728,431</u>	<u>7</u>	<u>2,537,417</u>	<u>6</u>
INCOME (LOSS) BEFORE INCOME TAX	5,781,857	21	(434,750)	(2)	7,262,746	14	737,361	2
INCOME TAX EXPENSE (Note 25)	<u>1,575,174</u>	<u>6</u>	<u>505,965</u>	<u>2</u>	<u>2,050,419</u>	<u>4</u>	<u>821,570</u>	<u>2</u>
NET INCOME (LOSS)	<u>4,206,683</u>	<u>15</u>	<u>(940,715)</u>	<u>(4)</u>	<u>5,212,327</u>	<u>10</u>	<u>(84,209)</u>	<u>-</u>

(Continued)

## TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

### CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (In Thousands of New Taiwan Dollars, Except Earnings (Loss) Per Share)

	For the Three Months Ended June 30				For the Six Months Ended June 30			
	2023		2022		2023		2022	
	Amount	%	Amount	%	Amount	%	Amount	%
OTHER COMPREHENSIVE INCOME (LOSS) (Note 22)								
Items that will not be reclassified subsequently to profit or loss:								
Unrealized loss on investments in equity instruments at fair value through other comprehensive income	\$ (1,782,102)	(6)	\$ (3,703,939)	(15)	\$ (367,748)	(1)	\$ (3,115,806)	(6)
Share of the other comprehensive income (loss) of associates and joint ventures accounted for using the equity method	46,747	-	(292,922)	(1)	165,349	-	(247,512)	(1)
	<u>(1,735,355)</u>	<u>(6)</u>	<u>(3,996,861)</u>	<u>(16)</u>	<u>(202,399)</u>	<u>(1)</u>	<u>(3,363,318)</u>	<u>(7)</u>
Items that may be reclassified subsequently to profit or loss:								
Exchange differences on translating foreign operations	(2,211,121)	(8)	(3,576,165)	(14)	(3,148,182)	(6)	4,079,426	8
Share of other comprehensive income (loss) of associates and joint ventures accounted for using the equity method	(1,624,259)	(6)	(895,210)	(3)	(719,385)	(1)	59,981	-
	<u>(3,835,380)</u>	<u>(14)</u>	<u>(4,471,375)</u>	<u>(17)</u>	<u>(3,867,567)</u>	<u>(7)</u>	<u>4,139,407</u>	<u>8</u>
Other comprehensive income (loss) for the period	(5,570,735)	(20)	(8,468,236)	(33)	(4,069,966)	(8)	776,089	1
<b>TOTAL COMPREHENSIVE INCOME (LOSS) FOR THE PERIOD</b>	<u>\$ (1,364,052)</u>	<u>(5)</u>	<u>\$ (9,408,951)</u>	<u>(37)</u>	<u>\$ 1,142,361</u>	<u>2</u>	<u>\$ 691,880</u>	<u>1</u>
<b>NET INCOME (LOSS) ATTRIBUTABLE TO:</b>								
Shareholders of the Corporation	\$ 3,541,901	13	\$ 204,046	1	\$ 4,949,062	9	\$ 1,408,190	3
Non-controlling interests	664,782	2	(1,144,761)	(5)	263,265	1	(1,492,399)	(3)
	<u>\$ 4,206,683</u>	<u>15</u>	<u>\$ (940,715)</u>	<u>(4)</u>	<u>\$ 5,212,327</u>	<u>10</u>	<u>\$ (84,209)</u>	<u>-</u>
<b>TOTAL COMPREHENSIVE INCOME (LOSS) ATTRIBUTABLE TO:</b>								
Shareholders of the Corporation	\$ (2,057,937)	(7)	\$ (8,143,515)	(32)	\$ 842,555	2	\$ 2,174,449	4
Non-controlling interests	693,885	2	(1,265,436)	(5)	299,806	-	(1,482,569)	(3)
	<u>\$ (1,364,052)</u>	<u>(5)</u>	<u>\$ (9,408,951)</u>	<u>(37)</u>	<u>\$ 1,142,361</u>	<u>2</u>	<u>\$ 691,880</u>	<u>1</u>

(Continued)

## TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

### CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (In Thousands of New Taiwan Dollars, Except Earnings (Loss) Per Share)

	For the Three Months Ended June 30				For the Six Months Ended June 30			
	2023		2022		2023		2022	
	Amount	%	Amount	%	Amount	%	Amount	%
EARNINGS (LOSS) PER SHARE (Note 26)								
Basic earnings (loss) per share	<u>\$ 0.45</u>		<u>\$ (0.02)</u>		<u>\$ 0.64</u>		<u>\$ 0.16</u>	
Diluted earnings (loss) per share	<u>\$ 0.43</u>		<u>\$ (0.02)</u>		<u>\$ 0.63</u>		<u>\$ 0.16</u>	

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

(With Deloitte & Touche review report dated August 10, 2023)

(Concluded)

**TAIWAN CEMENT CORPORATION AND SUBSIDIARIES**

**CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY**  
(In Thousands of New Taiwan Dollars)

	Equity Attributable to Shareholders of the Corporation								Other Equity			Non-controlling Interests	Total Equity		
	Share Capital		Share Dividends to Be Distributed	Capital Surplus	Retained Earnings			Exchange Differences on Translating Foreign Operations	Unrealized Gain/Loss on Financial Assets at Fair Value Through Other Comprehensive Income	Loss on Hedging Instruments	Treasury Shares			Total	
	Ordinary Shares	Preferred Shares			Legal Reserve	Special Reserve	Unappropriated Earnings								Total
BALANCE, JANUARY 1, 2022	\$ 61,252,340	\$ 2,000,000	\$ -	\$ 56,757,470	\$ 21,881,915	\$ 13,039,860	\$ 39,018,077	\$ 73,939,852	\$ (16,068,895)	\$ 26,988,909	\$ -	\$ (392,343)	\$ 204,477,333	\$ 21,177,340	\$ 225,654,673
Appropriation of 2021 earnings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal reserve	-	-	-	-	2,068,477	-	(2,068,477)	-	-	-	-	-	-	-	-
Cash dividends distributed by the Corporation	-	-	-	-	-	-	(6,116,173)	(6,116,173)	-	-	-	-	(6,116,173)	-	(6,116,173)
Preferred share dividends distributed by the Corporation	-	-	-	-	-	-	(350,000)	(350,000)	-	-	-	-	(350,000)	-	(350,000)
Share dividends distributed by the Corporation	-	-	6,116,173	-	-	-	(6,116,173)	(6,116,173)	-	-	-	-	-	-	-
Cash dividends distributed by subsidiaries	-	-	-	-	-	-	-	-	-	-	-	-	-	(1,159,515)	(1,159,515)
Net income (loss) for the six months ended June 30, 2022	-	-	-	-	-	-	1,408,190	1,408,190	-	-	-	-	1,408,190	(1,492,399)	(84,209)
Other comprehensive income (loss) for the six months ended June 30, 2022	-	-	-	-	-	-	(209)	(209)	4,116,780	(3,340,817)	(9,495)	-	766,259	9,830	776,089
Total comprehensive income (loss) for the six months ended June 30, 2022	-	-	-	-	-	-	1,407,981	1,407,981	4,116,780	(3,340,817)	(9,495)	-	2,174,449	(1,482,569)	691,880
Changes in capital surplus from investments in associates and joint ventures accounted for using the equity method	-	-	-	565	-	-	-	-	-	-	-	-	565	-	565
Difference between consideration received and the carrying amount of subsidiaries' net assets during actual acquisitions or disposals	-	-	-	-	-	-	(106)	(106)	-	-	-	-	(106)	(2,602)	(2,708)
Change in ownership of a subsidiaries	-	-	-	9,633	-	-	-	-	-	-	-	-	9,633	3,923	13,556
Compensation costs of treasury shares transferred to employees	-	-	-	66,820	-	-	-	-	-	-	-	-	66,820	-	66,820
Treasury shares transferred to employees	-	-	-	(31,702)	-	-	-	-	-	-	-	191,535	159,833	-	159,833
BALANCE, JUNE 30, 2022	\$ 61,252,340	\$ 2,000,000	\$ 6,116,173	\$ 56,802,786	\$ 23,950,392	\$ 13,039,860	\$ 25,775,129	\$ 62,765,381	\$ (11,952,115)	\$ 23,648,092	\$ (9,495)	\$ (200,808)	\$ 200,422,354	\$ 18,536,577	\$ 218,958,931
BALANCE, JANUARY 1, 2023	\$ 71,561,817	\$ 2,000,000	\$ -	\$ 65,985,865	\$ 23,950,392	\$ 13,004,401	\$ 29,572,801	\$ 66,527,594	\$ (8,294,175)	\$ 20,286,916	\$ (1,651)	\$ (171,600)	\$ 217,894,766	\$ 20,381,014	\$ 238,275,780
Appropriation of 2022 earnings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal reserve	-	-	-	-	520,555	-	(520,555)	-	-	-	-	-	-	-	-
Cash dividends distributed by the Corporation	-	-	-	-	-	-	(3,566,091)	(3,566,091)	-	-	-	-	(3,566,091)	-	(3,566,091)
Preferred share dividends distributed by the Corporation	-	-	-	-	-	-	(350,000)	(350,000)	-	-	-	-	(350,000)	-	(350,000)
Cash dividends distributed by subsidiaries	-	-	-	-	-	-	-	-	-	-	-	-	-	(145,471)	(145,471)
Proceeds from capital reduction of subsidiaries	-	-	-	-	-	-	-	-	-	-	-	-	-	(100,200)	(100,200)
Net income for the six months ended June 30, 2023	-	-	-	-	-	-	4,949,062	4,949,062	-	-	-	-	4,949,062	263,265	5,212,327
Other comprehensive income (loss) for the six months ended June 30, 2023	-	-	-	-	-	-	-	-	(3,885,945)	(214,996)	(5,566)	-	(4,106,507)	36,541	(4,069,966)
Total comprehensive income (loss) for the six months ended June 30, 2023	-	-	-	-	-	-	4,949,062	4,949,062	(3,885,945)	(214,996)	(5,566)	-	842,555	299,806	1,142,361
Buy-back of treasury shares	-	-	-	-	-	-	-	-	-	-	-	(732,459)	(732,459)	-	(732,459)
Differences between consideration received and the carrying amount of subsidiaries' net assets during actual acquisitions or disposals	-	-	-	-	-	-	(201)	(201)	-	-	-	-	(201)	(6,641)	(6,842)
Changes in ownership of subsidiaries	-	-	-	26,684	-	-	-	-	-	-	-	-	26,684	6,723	33,407
Compensation costs of treasury shares transferred to employees	-	-	-	37,766	-	-	-	-	-	-	-	-	37,766	-	37,766
Treasury shares transferred to employees	-	-	-	(40,400)	-	-	-	-	-	-	-	171,600	131,200	-	131,200
BALANCE, JUNE 30, 2023	\$ 71,561,817	\$ 2,000,000	\$ -	\$ 66,009,915	\$ 24,470,947	\$ 13,004,401	\$ 30,085,016	\$ 67,560,364	\$ (12,180,120)	\$ 20,071,920	\$ (7,217)	\$ (732,459)	\$ 214,284,220	\$ 20,435,231	\$ 234,719,451

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

(With Deloitte & Touche review report dated August 10, 2023)

# TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF CASH FLOWS (In Thousands of New Taiwan Dollars)

	For the Six Months Ended June 30	
	2023	2022
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Income before income tax	\$ 7,262,746	\$ 737,361
Adjustments for:		
Depreciation expense	4,064,350	3,561,259
Amortization expense	500,374	532,596
Net loss (gain) on fair value changes of financial assets and liabilities at fair value through profit or loss	(434,826)	329,633
Finance costs	1,672,670	1,185,382
Interest income	(1,595,980)	(799,160)
Dividend income	(762,223)	(1,635,456)
Share-based compensation	81,609	66,820
Share of profit of associates and joint ventures	(2,230,881)	(1,464,969)
Loss on disposal of property, plant and equipment, net	34,258	19,879
Loss on disposal of investments, net	-	16
Reversal of write-downs of inventories	(11,126)	(32,162)
Unrealized loss (gain) on foreign exchange, net	4,596	(33,301)
Changes in operating assets and liabilities:		
Financial assets mandatorily classified as at fair value through profit or loss	(15,089)	(567,611)
Notes receivable	2,670,853	7,746,177
Accounts receivable	3,233,072	(539,360)
Notes and accounts receivable from related parties	50,067	71,364
Other receivables	(718,968)	(608,353)
Other receivables from related parties	57,129	73,673
Inventories	1,427,642	(4,703,084)
Prepayments	(1,346,066)	(1,092,934)
Other current assets	170,128	(184,637)
Contract liabilities	2,200,301	(108,946)
Notes and accounts payable	(1,782,067)	3,105,124
Other payables	(633,955)	(877,246)
Other payables to related parties	238,584	(601,754)
Other current liabilities	189,239	77,485
Net defined benefit liabilities	(65,098)	(65,137)
Cash generated from operations	14,261,339	4,192,659
Income tax paid	(870,373)	(2,761,150)
Net cash generated from operating activities	<u>13,390,966</u>	<u>1,431,509</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Acquisition of financial assets at amortized cost	(27,941,476)	-
Disposal of financial assets at amortized cost	-	8,382,982
Acquisition of long-term equity investments accounted for using the equity method	(60,139)	(26,013)

(Continued)

# TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF CASH FLOWS (In Thousands of New Taiwan Dollars)

	For the Six Months Ended June 30	
	2023	2022
Acquisition of subsidiaries	\$ (281,807)	\$ -
Payments for property, plant and equipment	(12,994,311)	(11,666,433)
Proceeds from disposal of property, plant and equipment	30,417	59,490
Payments for intangible assets	(366,658)	(385,911)
Payments for investment properties	-	(799)
Decrease in finance lease receivables	1,085,025	1,136,044
Decrease (increase) in other non-current assets	(14,658)	177,756
Interest received	1,863,011	571,532
Dividends received	<u>1,292,316</u>	<u>1,659,474</u>
Net cash used in investing activities	<u>(37,388,280)</u>	<u>(91,878)</u>
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Increase (decrease) in short-term loans	(2,841,629)	34,444
Decrease in short-term bills payable	(886,927)	(3,088,021)
Issuance of bonds	9,300,000	7,750,000
Increase in long-term loans	28,467,575	23,862,405
Repayment of long-term loans	(43,425,002)	(21,979,184)
Increase in long-term bills payable	13,500,000	26,400,000
Decrease in long-term bills payable	(13,500,000)	(24,000,000)
Repayment of the principal portion of lease liabilities	(287,490)	(255,345)
Increase (decrease) in other non-current liabilities	(39,055)	108,567
Cash dividends paid	-	(1,048,709)
Treasury shares transferred to employees	131,200	159,833
Payment for buy-back of treasury shares	(732,459)	-
Acquisition of subsidiaries	(6,842)	(2,708)
Interest paid	(1,344,612)	(1,205,457)
Changes in non-controlling interests	<u>(100,200)</u>	<u>-</u>
Net cash generated from (used in) financing activities	<u>(11,765,441)</u>	<u>6,735,825</u>
<b>EFFECTS OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS</b>		
	<u>(341,211)</u>	<u>1,300,157</u>
		(Continued)

# TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF CASH FLOWS (In Thousands of New Taiwan Dollars)

---

	For the Six Months Ended	
	June 30	
	2023	2022
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	\$ (36,103,966)	\$ 9,375,613
CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE PERIOD	<u>88,842,494</u>	<u>91,121,942</u>
CASH AND CASH EQUIVALENTS AT THE END OF THE PERIOD	<u>\$ 52,738,528</u>	<u>\$ 100,497,555</u>

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

(With Deloitte & Touche review report dated August 10, 2023)

(Concluded)

# TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE SIX MONTHS ENDED JUNE 30, 2023 AND 2022 (In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

---

### 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 was privatized as a result of the Taiwan government’s land reform program, land-to-the-tiller policy. The Corporation engages in the manufacturing 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, 2023.

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

- a. Initial application of the amendments to the International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), IFRIC Interpretations (IFRIC), and SIC Interpretations (SIC) (collectively, the “IFRSs”) endorsed and issued into effect by the Financial Supervisory Commission (FSC)

The initial application of the amendments to the IFRSs endorsed and issued into effect by the FSC did not have any material impact on the Group’s accounting policies.

- b. The New IFRSs issued by International Accounting Standards Board (IASB) but not yet endorsed and issued into effect by the FSC

<b>New IFRSs</b>	<b>Effective Date Announced by IASB (Note 1)</b>
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 16 “Leases Liability in a Sale and Leaseback”	January 1, 2024 (Note 2)
IFRS 17 “Insurance Contracts”	January 1, 2023
Amendments to IFRS 17	January 1, 2023
Amendments to IFRS 17 “Initial Application of IFRS 9 and IFRS 17 - Comparative Information”	January 1, 2023
Amendments to IAS 1 “Classification of Liabilities as Current or Non-current”	January 1, 2024
Amendments to IAS 1 “Non-current Liabilities with Covenants”	January 1, 2024
Amendments to IAS 7 and IFRS 7 “Supplier Finance Arrangements”	January 1, 2024
Amendments to IAS 12 “International Tax Reform - Pillar Two Model Rules”	Note 3

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

Note 2: A seller-lessee shall apply the Amendments to IFRS 16 retrospectively to sale and leaseback transactions entered into after the date of initial application of IFRS 16.

Note 3: The requirement that the Group applies the exception and the requirement to disclose that fact is applied immediately upon issuance of the amendments and retrospectively in accordance with IAS 8. The remaining disclosure requirements are applied for annual reporting periods beginning on or after January 1, 2023, but not for any interim period ending on or before December 31, 2023.

As of the date the consolidated financial statements were authorized for issue, the Group is continuously assessing the possible impact that the application of above 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 MATERIAL ACCOUNTING POLICY INFORMATION**

##### **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. 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 Group. 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 12 for detailed information on subsidiaries (including the percentages of ownership and main businesses).

d. Other material accounting policies

Except for the following, refer to the consolidated financial statements for the year ended December 31, 2022.

1) Retirement benefits

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

2) Income tax expense

Income tax expense represents the sum of the tax currently payable and deferred tax. Interim period income taxes are 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 expected total annual earnings.

## **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 on 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 Group considers the possible impact of the recent development of the COVID-19 pandemic and the volatility in energy market when making its critical accounting estimations on cash flow, growth rate, discount rate, profitability, etc. The estimations and the underlying assumptions will be continuously reviewed by the management.

For the summary of critical accounting judgments and key sources of estimation uncertainty, refer to the consolidated financial statements for the year ended December 31, 2022.

## 6. CASH AND CASH EQUIVALENTS

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Cash on hand	\$ 10,708	\$ 29,162	\$ 8,827
Checking accounts and demand deposits	31,142,652	27,747,698	31,242,463
Cash equivalents			
Time deposits with original maturities of 3 months or less	19,287,357	57,861,359	66,001,704
Bonds with repurchase agreements	<u>2,297,811</u>	<u>3,204,275</u>	<u>3,244,561</u>
	<u>\$ 52,738,528</u>	<u>\$ 88,842,494</u>	<u>\$ 100,497,555</u>

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

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Cash in banks	0.01%-5.67%	0.01%-6.05%	0.01%-3.00%
Bonds with repurchase agreements	1.07%-5.00%	0.84%-4.30%	0.45%-1.40%

Financial assets at amortized cost are mainly time deposits with original maturities of more than 3 months and restricted demand deposits:

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Current	\$ 40,903,119	\$ 20,954,299	\$ 17,901,319
Non-current	<u>16,988,509</u>	<u>9,577,103</u>	<u>5,302,392</u>
	<u>\$ 57,891,628</u>	<u>\$ 30,531,402</u>	<u>\$ 23,203,711</u>

The market rate intervals of financial assets at amortized cost at the end of the reporting period were as follows:

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
	0.01%-6.35%	0.01%-6.24%	0.01%-4.26%

Refer to Note 34 for information relating to pledged financial assets at amortized cost.

## 7. FINANCIAL INSTRUMENTS AT FAIR VALUE THROUGH PROFIT OR LOSS

	June 30, 2023	December 31, 2022	June 30, 2022
<u>Financial assets at FVTPL - current</u>			
Financial assets mandatorily classified as at FVTPL			
Non-derivative financial assets			
Domestic listed shares	\$ 237,514	\$ 197,210	\$ 232,446
Domestic emerging market shares	103,424	95,145	97,181
Foreign government bonds	298,514	277,772	519,755
Foreign corporate bonds	30,073	41,675	-
Foreign beneficiary certificates	<u>-</u>	<u>-</u>	<u>47,669</u>
	<u>\$ 669,525</u>	<u>\$ 611,802</u>	<u>\$ 897,051</u>
<u>Financial assets at FVTPL - non-current</u>			
Financial assets mandatorily classified as at FVTPL			
Non-derivative financial assets			
Foreign government bonds	<u>\$ 295,228</u>	<u>\$ 284,876</u>	<u>\$ -</u>
<u>Financial liabilities at FVTPL - current</u>			
Held for trading			
Derivative instruments (not under hedge accounting)			
Redemption options and put options of convertible bonds	<u>\$ 259,682</u>	<u>\$ 641,522</u>	<u>\$ 508,322</u>

Refer to Note 34 for information relating to pledged financial assets at fair value through profit or loss.

## 8. FINANCIAL ASSETS AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME

	June 30, 2023	December 31, 2022	June 30, 2022
<u>Current</u>			
Domestic investments			
Listed shares	\$ 7,023,138	\$ 5,883,584	\$ 6,114,058
Convertible preference shares	<u>53,429</u>	<u>51,169</u>	<u>53,429</u>
	<u>\$ 7,076,567</u>	<u>\$ 5,934,753</u>	<u>\$ 6,167,487</u>
			(Continued)

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
<u>Non-current</u>			
Domestic investments			
Unlisted shares	\$ 8,391,949	\$ 8,032,322	\$ 8,629,851
Privately placed listed shares	2,331,868	1,030,300	843,075
Foreign investments			
Listed shares	10,186,866	13,412,634	15,962,456
Unlisted preference shares	<u>280,260</u>	<u>276,390</u>	<u>-</u>
	<u>\$ 21,190,943</u>	<u>\$ 22,751,646</u>	<u>\$ 25,435,382</u> (Concluded)

The Corporation subscribed privately placed ordinary shares of Phihong Technology Co., Ltd. via private placement in December 2021. The privately placed ordinary shares may not be transferred to others within 3 years under the relevant laws and regulations.

Refer to Note 34 for information relating to investments in equity instruments at FVTOCI pledged as collateral for credit accommodations.

## 9. NOTES AND ACCOUNTS RECEIVABLE

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Notes receivable	\$ 16,345,285	\$ 19,460,178	\$ 18,581,401
Less: Allowance for impairment loss	<u>(9,455)</u>	<u>(9,455)</u>	<u>(10,516)</u>
	<u>16,335,830</u>	<u>19,450,723</u>	<u>18,570,885</u>
Accounts receivable	12,161,407	15,351,598	10,607,765
Less: Allowance for impairment loss	<u>(214,974)</u>	<u>(202,838)</u>	<u>(197,559)</u>
	<u>11,946,433</u>	<u>15,148,760</u>	<u>10,410,206</u>
	<u>\$ 28,282,263</u>	<u>\$ 34,599,483</u>	<u>\$ 28,981,091</u>

The Group recognizes allowance for impairment loss on accounts receivable on the basis of individual customers for which credit losses have actually taken place. Moreover, the Group separates all customers into different segments based on their risk and determines their expected credit loss rates by reference to past default experience with the counterparties, on analysis of their financial position and observable economic condition of the industry in which the customer operates. The Group recognizes an allowance for impairment loss of 100% against past due receivables which have indication of impairment.

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.

The aging analysis of receivables was as follows:

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Up to 90 days	\$ 18,095,547	\$ 23,611,140	\$ 18,147,610
91-180 days	9,922,045	10,595,776	10,113,041
181-365 days	235,225	376,993	696,793
Over 365 days	<u>29,446</u>	<u>15,574</u>	<u>23,647</u>
	<u>\$ 28,282,263</u>	<u>\$ 34,599,483</u>	<u>\$ 28,981,091</u>

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:

	<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>
Balance at January 1	\$ 212,293	\$ 176,959
Add: Net remeasurement of loss allowance	15,816	29,127
Less: Amounts written off	-	(601)
Foreign exchange translation gains and losses	<u>(3,680)</u>	<u>2,590</u>
Balance at June 30	<u>\$ 224,429</u>	<u>\$ 208,075</u>

## 10. FINANCE LEASE RECEIVABLES

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
<u>Undiscounted lease payments</u>			
Year 1	\$ 5,704,305	\$ 5,578,575	\$ 5,338,863
Year 2	6,318,160	6,127,364	6,177,462
Year 3	6,550,285	6,285,029	6,089,487
Year 4	6,905,483	6,294,158	6,044,152
Year 5	5,556,339	8,716,844	6,811,297
Year 6 onwards	<u>-</u>	<u>-</u>	<u>5,519,221</u>
	31,034,572	33,001,970	35,980,482
Less: Unearned finance income	(7,564,657)	(8,619,669)	(10,136,869)
Less: Accumulated impairment	<u>(47,878)</u>	<u>(47,878)</u>	<u>(47,878)</u>
Net investment in leases presented as finance lease receivables	<u>\$ 23,422,037</u>	<u>\$ 24,334,423</u>	<u>\$ 25,795,735</u>
Current (included in accounts receivable)	\$ 3,134,660	\$ 2,962,021	\$ 2,597,356
Non-current	<u>20,287,377</u>	<u>21,372,402</u>	<u>23,198,379</u>
	<u>\$ 23,422,037</u>	<u>\$ 24,334,423</u>	<u>\$ 25,795,735</u>

The Group's electric power selling contracts signed with Taiwan Power Company with guaranteed power generation periods are classified as finance lease arrangements 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%.

## 11. INVENTORIES

	June 30, 2023	December 31, 2022	June 30, 2022
Finished goods	\$ 4,157,944	\$ 3,872,877	\$ 3,444,068
Work in process	2,831,009	2,411,645	3,883,025
Raw materials	<u>7,514,632</u>	<u>9,805,458</u>	<u>10,991,882</u>
	<u>\$ 14,503,585</u>	<u>\$ 16,089,980</u>	<u>\$ 18,318,975</u>

The costs of inventories recognized as cost of goods sold for the three months ended June 30, 2023 and 2022 and for the six months ended June 30, 2023 and 2022 were \$20,117,004 thousand, \$23,539,345 thousand, \$42,068,931 thousand and \$42,670,596 thousand, respectively. The cost of goods sold included reversal of (write-downs) of inventory as follows:

	For the Three Months Ended		For the Six Months Ended	
	June 30		June 30	
	2023	2022	2023	2022
Reversal of (write-downs) of inventory	<u>\$ (65,070)</u>	<u>\$ 14,223</u>	<u>\$ 11,126</u>	<u>\$ 32,162</u>

Previous write-downs were reversed because slow moving inventories were sold.

## 12. SUBSIDIARIES

### a. Subsidiaries included in consolidated financial statements

The consolidated financial statements include subsidiaries as follows:

Investor	Investee	Main Business	Proportion of Ownership (%)			Remark
			June 30, 2023	December 31, 2022	June 30, 2022	
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	
	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	12)
	Taiwan Cement Engineering Corporation	Engineering services	99.2	99.2	99.2	
	TCC Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	
	TCC Chemical Corporation	Leasing property and energy technology services	100.0	100.0	100.0	
	TCC Information Systems Corporation	Information software design	99.4	99.4	99.4	
	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	

(Continued)

Investor	Investee	Main Business	Proportion of Ownership (%)			Remark
			June 30, 2023	December 31, 2022	June 30, 2022	
	Hoping Industrial Port Corporation	Hoping Industrial Port management	100.0	100.0	100.0	12)
	TCC International Ltd. ("TCCI")	Investment holding	100.0	100.0	100.0	12)
	Ho-Ping Power Company	Thermal power generation	59.5	59.5	59.5	12)
	HPC Power Service Corporation	Business consulting	60.0	60.0	60.0	12)
	E.G.C. Cement Corporation	Sale of cement	50.6	50.6	50.6	
	Feng Sheng Enterprise Company Limited	Sale of ready-mixed concrete	45.4	45.4	45.4	3)
	Trans Philippines Mineral Corporation ("TPMC")	Mining excavation	40.0	40.0	40.0	3)
	Taicorn Minerals Corporation ("TMC")	Mining excavation	72.7	72.7	72.7	
	Ta-Ho RSEA Environment Co., Ltd.	Waste collection and treatment	66.6	66.6	66.6	
	Ho Sheng Mining Co., Ltd.	Mining excavation and sale of limestone	100.0	100.0	100.0	
	TCC International Holdings Ltd. ("TCCIH")	Investment holding	45.5	45.5	41.8	1), 12)
	Taiwan Cement (Dutch) Holdings B.V. ("TCC Dutch")	Investment holding	100.0	100.0	100.0	12)
	TCC Sustainable Energy Investment Corporation	Investment holding	100.0	100.0	100.0	
	TCC Energy Storage Technology Corporation	Energy storage equipment manufacturing, production and sales	100.0	100.0	100.0	
	Tuo Shan Recycle Technology Company	Waste collection and treatment	100.0	100.0	100.0	
	TCC Recycle Energy Technology Company	Investment holding	36.6	36.6	63.3	1), 2), 12)
Taiwan Transport & Storage Corporation	E.G.C. Cement Corporation	Sale of cement	49.4	49.4	49.4	
	Ta-Ho Maritime Corporation	Marine transportation	29.2	29.2	29.2	1), 12)
	Tai-Jie Transport & Storage Corporation	Transportation	100.0	100.0	100.0	
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	12)
	Ta-Ho Maritime Corporation	Marine transportation	-	-	-	12)
	TCC Recycle Energy Technology Company	Investment holding	1.1	1.1	1.9	2), 12)
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	
TCC Information Systems Corporation	Taicem Information (Samoa) Pte., Ltd.	Investment	100.0	100.0	100.0	
Hoping Industrial Port Corporation	TCC Recycle Energy Technology Company	Investment holding	0.4	0.4	0.7	2), 12)
TCCI	TCCIH	Investment holding	54.5	54.5	58.2	1), 12)
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	
	TCC Recycle Energy Technology Company	Investment holding	1.1	1.1	1.9	2), 12)
Ho-Ping Power Company	Ho-Ping Renewable Energy Company	Renewable energy generation	100.0	100.0	100.0	
TCC Green Energy Corporation	Chang-Wang Wind Power Co., Ltd.	Renewable energy generation	100.0	100.0	100.0	
	TCC Nan-Chung Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	
	TCC Kao-Cheng Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	
	TCC Chang-Ho Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	
	TCC Chia-Chien Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	
	TCC Yun-Kai Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	
	TCC Lien-Hsin Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	
	TCC Ping-Chih Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	
	Chia-Ho Green Energy Corporation	Renewable energy generation	85.0	85.0	100.0	6)
	TCC Tung-Li Green Energy Corporation	Renewable energy generation	100.0	100.0	100.0	
TCC Energy Storage Technology Corporation	Energy Helper TCC Corporation	Renewable energy retail and energy technology services	100.0	100.0	-	4)

(Continued)

Investor	Investee	Main Business	Proportion of Ownership (%)			Remark	
			June 30, 2023	December 31, 2022	June 30, 2022		
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		
	Ta-Ho Maritime (Singapore) Pte. Ltd.	Marine transportation	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		
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		
TCC Dutch	Taiwan Cement Europe Holdings B.V. ("TCEH")	Investment holding	100.0	100.0	100.0	12)	
TCEH	NHOA S.A.	Investment holding	65.2	65.2	65.2	12)	
NHOA S.A.	NHOA ENERGY S.R.L.	Renewable energy and energy storage system construction	100.0	100.0	100.0	12)	
	ELECTRO POWER SYSTEM MANUFACTURING	Renewable energy and energy storage system construction	100.0	100.0	100.0		
	Comores Énergie Nouvelles S.A.R.L.	Renewable energy and energy storage system construction	100.0	100.0	60.0	9)	
	NHOA CALLIOPE S.R.L.	Investment holding	-	100.0	100.0	4), 8)	
	NHOA CORPORATE S.R.L.	Investment holding	100.0	100.0	-	4)	
	ATLANTE S.R.L.	Renewable energy and charging equipment	100.0	-	-	8)	
	FREE2MOVE ESOLUTIONS S.P.A.	Electric vehicle charging equipment	49.9	49.9	-	3), 8)	
	NHOA ENERGY S.R.L.	FREE2MOVE ESOLUTIONS S.P.A.	Electric vehicle charging equipment	-	-	49.9	3), 8)
	NHOA AMERICAS LLC	NHOA AMERICAS LLC	Renewable energy and energy storage system construction	100.0	100.0	100.0	
	NHOA AUSTRALIA PTY LTD	NHOA AUSTRALIA PTY LTD	Renewable energy and energy storage system construction	100.0	100.0	100.0	
NHOA LATAM S.A.C.	NHOA LATAM S.A.C.	Renewable energy and energy storage system construction	90.0	90.0	-	4)	
NHOA Taiwan Ltd.	NHOA Taiwan Ltd.	Renewable energy and energy storage system construction	100.0	-	-	4)	
NHOA UK LTD	NHOA UK LTD	Renewable energy and energy storage system construction	100.0	-	-	4)	
ATLANTE S.R.L.	ATLANTE S.R.L.	Renewable energy and charging equipment	-	-	100.0	8)	
NHOA CALLIOPE S.R.L.	ATLANTE S.R.L.	Renewable energy and charging equipment	-	100.0	-	4), 8)	
NHOA AMERICAS LLC	NHOA LATAM S.A.C.	Renewable energy and energy storage system construction	10.0	10.0	-	4)	
ATLANTE S.R.L.	ATLANTE IBERIA S.L.	Renewable energy and charging equipment	100.0	100.0	100.0	4)	
	ATLANTE FRANCE S.A.S.	Renewable energy and charging equipment	100.0	100.0	100.0	4)	
	ATLANTE INFRA PORTUGAL S.A.	Renewable energy and charging equipment	100.0	-	-	10)	
	ATLANTE ITALIA S.R.L.	Renewable energy and charging equipment	100.0	-	-	10)	
ATLANTE IBERIA S.L.	ATLANTE Fast Charging Portugal LDA	Renewable energy and charging equipment	100.0	100.0	-	4)	
FREE2MOVE ESOLUTIONS S.P.A.	FREE2MOVE ESOLUTIONS FRANCE S.A.S.	Electric vehicle charging equipment	100.0	100.0	100.0		
	FREE2MOVE ESOLUTIONS SPAIN S.L.U.	Electric vehicle charging equipment	100.0	100.0	-	4)	
	FREE2MOVE ESOLUTIONS NORTH AMERICA LLC	Electric vehicle charging equipment	100.0	100.0	-	4)	
	FREE2MOVE ESOLUTIONS UK LTD	Electric vehicle charging equipment	100.0	100.0	-	4)	
	TCC Recycle Energy Technology Company	E-One Moli Energy Corp.	Manufacturing and sales of Lithium battery	100.0	100.0	100.0	12)

(Continued)

Investor	Investee	Main Business	Proportion of Ownership (%)			Remark
			June 30, 2023	December 31, 2022	June 30, 2022	
E-One Moli Energy Corp.	E-One Holdings Ltd.	Investment holding	100.0	100.0	100.0	
	Molie Quantum Energy Corporation	Manufacturing and sales of batteries, power generation machinery and electronic components	100.0	100.0	100.0	12)
E-One Holdings Ltd.	E-One Moli Holdings (Canada) Ltd.	Investment holding	100.0	100.0	100.0	
E-One Moli Holdings (Canada) Ltd.	E-One Moli Energy (Canada) Ltd.	Battery research and development and sales	100.0	100.0	100.0	
TCCIH	Upper Value Investment Limited	Investment holding	100.0	100.0	100.0	
	Upper Value Investments Ltd. (“UPPV”)	Investment holding	100.0	100.0	100.0	12)
	TCC Hong Kong Cement (BVI) Holdings Ltd.	Investment holding	100.0	100.0	100.0	12)
	Ulexite Investments Ltd.	Investment holding	100.0	100.0	100.0	
	TCC Recycle Energy Technology Company	Investment holding	38.7	38.7	-	2)
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 Ltd.	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 (Yargoan) 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	12)
	Hong Kong Cement Company Limited (“HKCCL”)	Sale of cement	100.0	100.0	100.0	
TCC Hong Kong Cement (QHC) Ltd.	Chiefolk Company Ltd.	Investment holding	70.0	70.0	70.0	
Chiefolk Company Ltd.	TCC International (Liuzhou) Ltd.	Investment holding	100.0	100.0	100.0	
TCC International (Liuzhou) Ltd.	TCC Liuzhou Company Ltd.	Investment holding	100.0	100.0	100.0	
TCC Liuzhou Company Ltd.	TCC Liuzhou Construction Materials Co., Ltd.	Manufacturing and sale of slag powder	60.0	60.0	60.0	
TCC Hong Kong Cement (Philippines) Ltd.	TCC Cement Corp.	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	12)
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., Ltd.	Manufacturing and sale of cement	100.0	100.0	100.0	12)
	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	12)
	TCC Jiangsu Mining Industrial Company Limited	Mining excavation	100.0	100.0	100.0	
	TCC Fuzhou Yangyu Port Co., Ltd.	Service of port facility	100.0	100.0	100.0	
	TCC (Dong Guan) Cement Company Ltd.	Manufacturing and sale of cement	-	100.0	100.0	4)
	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	31.0	31.0	31.0	12)
	TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	Environmental protection, cement and enterprise management consulting	69.4	58.6	33.3	5), 12)
Jiangsu TCC Investment Co., Ltd.	Jurong TCC Cement Co., Ltd.	Manufacturing and sale of cement	21.5	21.5	21.5	12)
	Jurong TCC Environmental Co., Ltd.	Dangerous waste treatment	21.5	21.5	21.5	
Jingyang Industrial Limited	Jurong TCC Cement Co., Ltd.	Manufacturing and sale of cement	78.5	78.5	78.5	12)
	Jurong TCC Environmental Co., Ltd.	Dangerous waste treatment	78.5	78.5	78.5	

(Continued)

Investor	Investee	Main Business	Proportion of Ownership (%)			Remark
			June 30, 2023	December 31, 2022	June 30, 2022	
TCC International (Guangxi) Ltd.	TCC (Gui Gang) Cement Co., Ltd.	Manufacturing and sale of cement	100.0	100.0	100.0	12)
	TCC (Hangzhou) Recycle Resource Technology Limited	Recycle resource technology development, business management and sales	26.3	26.3	26.3	
TCC (Gui Gang) Cement Co., 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	
	Guigang TCC Dong Yuan Environmental Technology Company Limited	Dangerous waste treatment	100.0	100.0	100.0	
	TCC (Hangzhou) Recycle Resource Technology Limited	Recycle Resource technology development, business management and sales	73.7	73.7	73.7	
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	
	Beijing TCC Environmental Technology Co., Ltd.	Technology development, enterprise management and sales	100.0	100.0	100.0	
	TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	Environmental protection, cement and enterprise management consulting	30.6	41.4	66.7	5), 12)
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	
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	
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.	Guangan Changxing 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	12)
Hensford Ltd.	TCC Anshun Cement Company Limited	Manufacturing and sale of cement	100.0	100.0	100.0	12)
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	12)
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	
TCC New (Hangzhou) Management Company Limited	Kaili TCC Environment Technology Co., Ltd.	Waste collection and treatment	16.7	100.0	100.0	7)

(Continued)

Investor	Investee	Main Business	Proportion of Ownership (%)			Remark
			June 30, 2023	December 31, 2022	June 30, 2022	
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	
Scitus Luzhou Cement Co., Ltd.	TCC Jiuyuan (Xuyong) Environmental Technology Co., Ltd.	Technology development, enterprise management and sales	-	55.0	55.0	11)
Jurong TCC Cement Co., Ltd.	TCC Huaihua Cement Company Limited	Manufacturing and sale of cement	69.0	69.0	69.0	12)
TCC (Hangzhou) Environmental Protection Co., Ltd.	TCC Yongren (Hangzhou) Environmental Protection Technology Co., Ltd.	Resource recycling technology consultation, biomass energy technology and fuel sales, solid waste treatment	100.0	100.0	100.0	
	TCC Yongren (Hangzhou) Environmental Technology Co., Ltd.	Resource recycling technology consultation, solid waste treatment, biomass fuel sales	100.0	100.0	100.0	
	TCC Yongren (Hangzhou) Renewable Resources Technology Co., Ltd.	Resource reusing technology and development, solid waste treatment, biomass fuel processing and sales	100.0	100.0	100.0	
	TCC Yongren (Hangzhou) Renewable Resources Development Co., Ltd.	Resource regeneration technology research and development, solid waste treatment, biomass fuel processing and sales	100.0	100.0	100.0	
TCC (Hangzhou) Environmental Protection Co., Ltd.	TCC Zhihe (Hangzhou) Environmental Protection Co., Ltd.	Resource recycling, environmental protection, solid waste treatment, business management and sales-related businesses	100.0	-	-	4)
TCC Yongren (Hangzhou) Environmental Protection Technology Co., Ltd.	TCC (Shaoguan) Environment Technology Co., Ltd.	Biomass fuel processing and sales, solid waste treatment, urban and kitchen waste treatment	100.0	100.0	100.0	
TCC Zhihe (Hangzhou) Environmental Protection Co., Ltd.	Kaili TCC Environment Technology Co., Ltd.	Waste collection and treatment	83.3	-	-	7)
TCC Yongren (Hangzhou) Renewable Resources Development Co., Ltd.	TCC (Guangdong) Renewable Resources Technology Company Limited	Resource recycling research and experimental development, sales of renewable resources, technical services and business management	100.0	-	-	4)
TCC (Guangdong) Renewable Resources Technology Company Limited	123 (Guangdong) Environmental Protection Technology Co., Ltd	Environmental protection material processing, manufacturing, and operation and related services	100.0	-	-	10)

(Concluded)

Remarks:

- 1) The Corporation purchased a portion of ordinary shares of TCC Recycle Energy Technology Company in the first half of 2023. Taiwan Transport & Storage Corporation purchased a portion of ordinary shares of Ta-Ho Maritime Corporation in the first half of 2023. Refer to Note 29 for information relating to the aforementioned equity acquisition transaction. The Corporation invested in TCCIH in 2022, and its percentage of ownership was increased to 45.5%. The original shareholder, TCCI, did not simultaneously invest which resulted in decrease of the percentage of ownership to 54.5%.

- 2) TCC Recycle Energy Technology Company increased its capital by cash in September 2022, and the Group participated in the subscription of shares via TCCIH. Due to the non-subscription by other shareholders, the Group's percentage of ownership was increased from 67.8% to 77.9%.
- 3) Although the Group's percentages of ownership in Feng Sheng Enterprise Company Limited, TPMC and FREE2MOVE ESOLUTION S.P.A. were less than 50%, the Group still has control over those entities. Thus, Feng Sheng Enterprise Company Limited, TPMC and FREE2MOVE ESOLUTION S.P.A. are considered as subsidiaries of the Group.
- 4) ATLANTE TOPCO S.R.L., ATLANTE IBERIA S.L., ATLANTE FRANCE S.A.S., FREE2MOVE ESOLUTIONS FRANCE S.A.S., Energy Helper TCC Corporation, FREE2MOVE ESOLUTIONS SPAIN S.L.U., NHOA CORPORATE S.R.L., NHOA LATAM S.A.C., ATLANTE Fast Charging Portugal LDA, FREE2MOVE ESOLUTIONS NORTH AMERICA LLC and FREE2MOVE ESOLUTIONS UK LTD were established in 2022. NHOA Taiwan Ltd., NHOA UK LTD, TCC Zhihe (Hangzhou) Environmental Protection Co., Ltd. and TCC (Guangdong) Renewable Resources Technology Company Limited were established in the first half of 2023. ATLANTE TOPCO S.R.L. changed its name to NHOA CALLIOPE S.R.L. in the first quarter of 2023. TCC (Dong Guan) Cement Company Ltd. completed the cancellation of its registration in the first half of 2023.
- 5) TCCI (HK) invested in TCC (Hangzhou) Environmental Protection Technology Co., Ltd. in 2022, and its percentage of ownership was increased to 58.6%. The original shareholder, TCC Yingde Cement Co., Ltd., did not simultaneously invest which resulted in decrease of the percentage of ownership to 41.4%. TCCI (HK) invested in TCC (Hangzhou) Environmental Protection Technology Co., Ltd. in the first half of 2023, and its percentage of ownership was increased to 69.4%. The original shareholder, TCC Yingde Cement Co., Ltd., did not simultaneously invest which resulted in decrease of the percentage of ownership to 30.6%.
- 6) The beneficial related party of the Group, Winbond Electronics Corporation, participated in the capital increase of Chia-Ho Green Energy Corporation in the amount of \$555,000 thousand in August 2022, which resulted in the shareholding of Winbond Electronics Corporation increased to 15.0%. Due to the non-subscription by the Group, the shareholding of the Group decreased to 85.0%.
- 7) TCC Zhihe (Hangzhou) Environmental Protection Co., Ltd. invested in Kaili TCC Environment Technology Co., Ltd. in the first half of 2023, and its percentage of ownership was increased to 83.3%. The original shareholder, TCC New (Hangzhou) Management Company Limited, did not simultaneously invest which resulted in decrease of the percentage of ownership to 16.7%.
- 8) Due to the Group strategic development and operating arrangement, the Group proceeded an organizational restructuring by transferring the equity interest of ATLANTE S.R.L. held by NHOA ENERGY S.R.L. to ATLANTE TOPCO S.R.L. and FREE2MOVE ESOLUTIONS S.P.A. held by NHOA ENERGY S.R.L. to NHOA CORPORATE S.R.L. in 2022. In addition, NHOA CALLIOPE S.R.L merged with NHOA CORPORATE S.R.L., resulting in NHOA CORPORATE S.R.L. as the surviving company in the first half of 2023, and the record date of the merger was May 29, 2023.
- 9) NHOA S.A. purchased 40% shares of Comores Énergie Nouvelles S.A.R.L. in 2022, which resulted the shareholding increased to 100%. Information relating to the aforementioned acquisition transaction, please refer to the consolidated financial statements for the year ended December 31, 2022.

- 10) ATLANTE S.R.L. purchased shares of ATLANTE INFRA PORTUGAL S.A. and ATLANTE ITALIA S.R.L. in the first half of 2023. TCC (Guangdong) Renewable Resources Technology Company Limited purchased shares of 123 (Guangdong) Environmental Protection Technology Co., Ltd. in the first half of 2023. Refer to Note 28 for detailed information relating to the aforementioned equity acquisition transaction.
- 11) Due to the transfer of shares in TCC Jiuyuan (Xuyong) Environmental Technology Co., Ltd., the shareholdings of the Group was decreased from 55% to 30%, and turned to be qualified as an investment accounted for using the equity method from the first quarter of 2023. According to the share transfer agreement, the Group may repurchase 15% of the shares within 3 years.
- 12) The financial statements for the six months ended June 30, 2023 and 2022 of consolidated subsidiaries were reviewed by auditors.
- 13) Except for those mentioned directly above in Remark 12, the remaining subsidiaries' financial statements for the six months ended June 30, 2023 and 2022 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**

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Ho-Ping Power Company	40.0%	40.0%	40.0%

Refer to Table for the information on the places of incorporation and principal places of business.

The summarized financial information below represents amounts before intragroup eliminations.

Ho-Ping Power Company

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Current assets	\$ 13,089,006	\$ 14,494,105	\$ 10,549,199
Non-current assets	22,576,347	23,740,225	25,906,727
Current liabilities	(5,471,195)	(6,655,281)	(11,748,261)
Non-current liabilities	<u>(4,356,859)</u>	<u>(7,497,223)</u>	<u>(2,764,696)</u>
Equity	<u>\$ 25,837,299</u>	<u>\$ 24,081,826</u>	<u>\$ 21,942,969</u>
Equity attributable to:			
Owners of Ho-Ping Power Company	\$ 15,498,912	\$ 14,445,628	\$ 13,162,315
Non-controlling interests of Ho-Ping Power Company	<u>10,338,387</u>	<u>9,636,198</u>	<u>8,780,654</u>
	<u>\$ 25,837,299</u>	<u>\$ 24,081,826</u>	<u>\$ 21,942,969</u>

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Operating revenue	<u>\$ 7,163,743</u>	<u>\$ 2,512,173</u>	<u>\$ 13,736,642</u>	<u>\$ 4,272,988</u>
Net profit (loss) for the period	\$ 2,037,252	\$ (2,695,401)	\$ 1,755,473	\$ (3,626,226)
Other comprehensive income for the period	<u>                  -</u>	<u>                  -</u>	<u>                  -</u>	<u>                  -</u>
Total comprehensive income (loss) for the period	<u>\$ 2,037,252</u>	<u>\$ (2,695,401)</u>	<u>\$ 1,755,473</u>	<u>\$ (3,626,226)</u>
Net profit (loss) attributable to:				
Owners of Ho-Ping Power Company	\$ 1,222,351	\$ (1,617,240)	\$ 1,053,284	\$ (2,175,735)
Non-controlling interests of Ho-Ping Power Company	<u>814,901</u>	<u>(1,078,161)</u>	<u>702,189</u>	<u>(1,450,491)</u>
	<u>\$ 2,037,252</u>	<u>\$ (2,695,401)</u>	<u>\$ 1,755,473</u>	<u>\$ (3,626,226)</u>
Total comprehensive income (loss) attributable to:				
Owners of Ho-Ping Power Company	\$ 1,222,351	\$ (1,617,240)	\$ 1,053,284	\$ (2,175,735)
Non-controlling interests of Ho-Ping Power Company	<u>814,901</u>	<u>(1,078,161)</u>	<u>702,189</u>	<u>(1,450,491)</u>
	<u>\$ 2,037,252</u>	<u>\$ (2,695,401)</u>	<u>\$ 1,755,473</u>	<u>\$ (3,626,226)</u>
			<b>For the Six Months Ended June 30</b>	
			<b>2023</b>	<b>2022</b>
Net cash inflow (outflow) from:				
Operating activities			\$ 7,854,041	\$ (4,319,361)
Investing activities			(383,635)	(750,327)
Financing activities			<u>(6,068,632)</u>	<u>4,705,336</u>
Net cash inflow (outflow)			<u>\$ 1,401,774</u>	<u>\$ (364,352)</u>
Dividends paid to non-controlling interests of Ho-Ping Power Company			<u>\$ -</u>	<u>\$ 800,000</u>

### 13. INVESTMENTS ACCOUNTED FOR USING THE EQUITY METHOD

	June 30, 2023	December 31, 2022	June 30, 2022
Investments in associates	\$ 54,789,219	\$ 53,485,857	\$ 47,598,698
Investments in joint ventures	<u>159,706</u>	<u>100,816</u>	<u>59,469</u>
	<u>\$ 54,948,925</u>	<u>\$ 53,586,673</u>	<u>\$ 47,658,167</u>
Material associates			
Cimpor Global Holdings B.V.	\$ 31,997,160	\$ 30,866,698	\$ 25,214,425
Associates that are not individually material			
Prosperity Conch Cement Company Limited	8,242,270	8,198,939	8,176,439
International CSRC Investment Holdings Co., Ltd.	7,128,887	6,971,331	6,926,831
CCC USA Corp.	1,891,912	1,899,822	1,942,581
Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd.	1,456,216	1,536,535	1,664,177
ONYX Ta-Ho Environmental Services Co., Ltd.	1,414,571	1,391,240	1,093,621
Baoshan Kungang & K. Wah Cement Construction Materials Co., Ltd.	895,542	929,214	910,933
Jin Yu TCC (Dai Xian) Environmental Protection Technology Co., Ltd.	595,436	604,483	664,392
Sichuan Taichang Building Material Group Company Limited	536,940	565,573	567,254
Quon Hing Concrete Co., Ltd.	289,457	233,343	204,121
Hong Kong Concrete Co., Ltd.	213,778	190,844	171,969
Guigang Conch-TCC New Material Technology Co., Ltd.	119,829	90,781	55,175
Synpac Ltd.	7,221	7,054	6,780
Joint ventures that are not individually material			
Guangan TCC Jiuyuan Environmental Protection Technology Co., Ltd.	89,491	88,687	59,469
TCC Zhongrun (Anshun) Environmental Technology Co., Ltd.	53,570	12,129	-
TCC Jiuyuan (Xuyong) Environmental Technology Co., Ltd.	4,430	-	-
Jiangsu Environmental Resources TCC Solid Waste Disposal Co., Ltd.	<u>12,215</u>	<u>-</u>	<u>-</u>
	<u>\$ 54,948,925</u>	<u>\$ 53,586,673</u>	<u>\$ 47,658,167</u>

Except for the financial statements of International CSRC Investment Holdings Co., Ltd. and CCC USA Corp., the financial statements of associates for the six months ended June 30, 2023 and 2022 were not reviewed. Due to certain investees' financial statements which have not been reviewed, the auditors expressed a qualified conclusion in the review report.

For the amounts of the Group's investments accounted for using the equity method provided as loan guarantees, refer to Note 34.

a. Material associates

	<b>Proportion of Ownership</b>		
	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Cimpor Global Holdings B.V.	40.0%	40.0%	40.0%

Refer to Table for information on the nature of activities, principal place of business and country of incorporation of Cimpor Global Holdings B.V. and other investees.

The financial information of material associates, which reflected the adjustments made when adopting the equity method of accounting, was summarized as follows:

Cimpor Global Holdings B.V.

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Current assets	\$ 27,820,764	\$ 22,714,456	\$ 19,000,149
Non-current assets	68,872,182	68,009,154	53,112,834
Current liabilities	(19,164,015)	(15,231,225)	(13,327,685)
Non-current liabilities	(13,308,799)	(12,938,960)	(11,774,222)
Non-controlling interests	<u>(8,779,163)</u>	<u>(9,147,080)</u>	<u>(6,522,708)</u>
Equity attributable to the Group	<u>\$ 55,440,969</u>	<u>\$ 53,406,345</u>	<u>\$ 40,488,368</u>
Proportion of the Group's ownership	40%	40%	40%
Equity attributable to the Group	\$ 22,176,388	\$ 21,362,538	\$ 16,195,347
Goodwill	<u>9,820,772</u>	<u>9,504,160</u>	<u>9,019,078</u>
Carrying amount	<u>\$ 31,997,160</u>	<u>\$ 30,866,698</u>	<u>\$ 25,214,425</u>

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Operating revenue	<u>\$ 9,637,900</u>	<u>\$ 8,203,623</u>	<u>\$ 21,393,300</u>	<u>\$ 15,134,951</u>
Net profit for the period	\$ 2,390,446	\$ 1,089,197	\$ 4,193,060	\$ 1,766,661
Other comprehensive income (loss)	<u>(5,057,218)</u>	<u>208,446</u>	<u>(3,811,167)</u>	<u>(366,680)</u>
Total comprehensive income (loss) for the period	<u>\$ (2,666,772)</u>	<u>\$ 1,297,643</u>	<u>\$ 381,893</u>	<u>\$ 1,399,981</u>

Oyak Cimento A.S., a subsidiary of Cimpor Global Holdings B.V. located in Turkey, has been deemed an economic entity under high inflation since December 31, 2022. On June 30, 2023, according to the CPI announced by the Turkish Statistical Institute, the cumulative inflation rate in the past three years exceeded 100%. According to IAS 29 Financial Reporting in Hyperinflationary Economies, the financial statements should be stated in terms of the measuring unit on the current balance sheet, the profit or loss of the net currency position should be included in the current income statement. When Cimpor Global Holdings B.V. prepares the consolidated financial statements, it shall convert the individual financial statements of the Turkish region based on the closing exchange rate at the reporting period, and adjust the translation effects of high inflation under other comprehensive profit and loss items, and the Group accounted for its shares by using the equity method.

b. Aggregate information of associates that are not individually material

	<b>Proportion of Ownership</b>			
	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>	
Prosperity Conch Cement Company Limited	25.0%	25.0%	25.0%	
International CSRC Investment Holdings Co., Ltd. (Note 1)	19.2%	19.2%	19.2%	
CCC USA Corp.	33.3%	33.3%	33.3%	
Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd.	30.0%	30.0%	30.0%	
ONYX Ta-Ho Environmental Services Co., Ltd.	50.0%	50.0%	50.0%	
Baoshan Kungang & K. Wah Cement Construction Materials Co., Ltd.	30.0%	30.0%	30.0%	
Jin Yu TCC (Dai Xian) Environmental Protection Technology Co., Ltd.	40.0%	40.0%	40.0%	
Sichuan Taichang Building Material Group Company Limited	30.0%	30.0%	30.0%	
Quon Hing Concrete Co., Ltd.	50.0%	50.0%	50.0%	
Hong Kong Concrete Co., Ltd.	31.5%	31.5%	31.5%	
Guigang Conch-TCC New Material Technology Co., Ltd.	40.0%	40.0%	40.0%	
Synpac Ltd.	25.0%	25.0%	25.0%	
Yingjing Xinan New material Co., Ltd. (Note 2)	30.0%	30.0%	30.0%	
	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
The Group's share of:				
Net income for the period	\$ 296,458	\$ 432,212	\$ 608,220	\$ 776,346
Other comprehensive income (loss)	<u>(160,039)</u>	<u>(375,767)</u>	<u>(60,234)</u>	<u>403,241</u>
Total comprehensive income for the period	<u>\$ 136,419</u>	<u>\$ 56,445</u>	<u>\$ 547,986</u>	<u>\$ 1,179,587</u>

Note 1: The Group's ownership percentage in International CSRC Investment Holdings Co., Ltd. is less than 20%; however, the Group has significant influence and therefore accounts for the investment by using the equity method.

Note 2: The Group generated a credit balance for the equity method of investment due to the recognition of the investment loss of Yingjing Company. As of June 30, 2023, December 31, 2022 and June 30, 2022, the credit balance recognized in other non-current liabilities by the Group was \$164,421 thousand, \$168,966 thousand and \$169,786 thousand, respectively.

The Group holds less than 50% of the issued share capital of some associates, but it is the single largest shareholder. Considering the voting rights of the other shareholders, the shareholding proportion is not significant. Therefore, the Group is not in a position to dominate certain company-related activities and therefore has no control over them. The Group's management considers that it does exercise significant influence over those companies; thus, the Group accounts for them as associates and adopts equity method of accounting.

c. Aggregate information of joint ventures that are not individually material

	<b>Proportion of Ownership</b>			
	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>	
Guangan TCC Jiuyuan Environmental Protection Technology Co., Ltd. (Note 3)	70.0%	45.0%	45.0%	
TCC Zhongrun (Anshun) Environmental Technology Co., Ltd. (Note 4)	65.0%	65.0%	-	
TCC Jiuyuan (Xuyong) Environmental Technology Co., Ltd. (Note 5)	30.0%	-	-	
Jiangsu Environmental Resources TCC Solid Waste Disposal Co., Ltd. (Note 6)	49.0%	-	-	
	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
The Group's share of:				
Net income (loss) for the period	\$ 296	\$ (445)	\$ (1,648)	\$ (356)
Other comprehensive income (loss)	<u>(5,158)</u>	<u>(1,979)</u>	<u>(4,500)</u>	<u>89</u>
Total comprehensive loss for the period	<u>\$ (4,862)</u>	<u>\$ (2,424)</u>	<u>\$ (6,148)</u>	<u>\$ (267)</u>

Note 3: The Group increased its investment in Guangan TCC Jiuyuan Environmental Protection Technology Co., Ltd. in the first half of 2023, and the investment amounts for the three months ended June 30, 2023 and six months ended June 30, 2023 were \$0 thousand and \$4,382 thousand, respectively. The proportion of the Group's ownweship was 70%. The original transferor may repurchase 15% of the shares within 3 years. The Group increased its investment in Guangan TCC Jiuyuan Environmental Protection Technology Co., Ltd. in the first half of 2022, and the investment amounts for the three months ended June 30, 2022 and six months ended June 30, 2022 were \$0 thousand and \$26,013 thousand, respectively. The proportion of the Group's ownweship was 45%.

Note 4: The Group increased its investment in TCC Zhongrun (Anshun) Environmental Technology Co., Ltd. in the first half of 2023, and the investment amounts for the three months ended June 30, 2023 and the six months ended June 30, 2023 were \$0 and \$42,988 thousand, respectively. The Group invested in TCC Zhongrun (Anshun) Environmental Technology Co., Ltd. in 2022, and the investment amount was \$11,722 thousand. The proportion of the Group's ownweship was 65%.

Note 5: Due to the transfer of the shares in TCC Jiuyuan (Xuyong) Environmental Technology Co., Ltd., the shareholdings of the Group was decreased from 55% to 30%, and turned to be qualified as an investment accounted for using the equity method. According to the share transfer agreement, the Group may repurchase of 15% of the shares within 3 years.

Note 6: The Group increased its investment in Jiangsu Environmental Resources TCC Solid Waste Disposal Co., Ltd. in the first half of 2023, and the investment amounts for the three months ended June 30, 2023 and the six months ended June 30, 2023 were \$0 and \$12,769 thousand, respectively. The proportion of the Group's ownweship was 49%.

According to contents of joint venture agreement, the Corporation's actual operation management authority specification, check events of material and decision-making of material are jointly led by two capital contributors, and the Group has no control over them.

All associates and joint ventures are accounted for using the equity method by the Group.

#### 14. PROPERTY, PLANT AND EQUIPMENT

	Land	Buildings	Machinery and Equipment	Miscellaneous Equipment	Property in Construction	Total
<u>Cost</u>						
Balance at January 1, 2023	\$ 25,962,059	\$ 55,143,179	\$ 90,215,835	\$ 19,870,094	\$ 17,109,894	\$ 208,301,061
Additions	9,129	537,439	473,987	186,045	12,753,871	13,960,471
Disposals	-	(77,914)	(181,945)	(109,448)	-	(369,307)
Acquisitions through business combinations (Note 28)	-	-	173,321	-	25,256	198,577
Reclassification	4,680	1,185,285	2,891,523	921,159	(4,673,060)	329,587
Effects of foreign currency exchange differences	1,694	(993,096)	(1,656,619)	(18,391)	(151,902)	(2,818,314)
Balance at June 30, 2023	<u>\$ 25,977,562</u>	<u>\$ 55,794,893</u>	<u>\$ 91,916,102</u>	<u>\$ 20,849,459</u>	<u>\$ 25,064,059</u>	<u>\$ 219,602,075</u>
<u>Accumulated depreciation and impairment</u>						
Balance at January 1, 2023	\$ 808,904	\$ 22,819,836	\$ 61,297,681	\$ 8,554,038	\$ 80,619	\$ 93,561,078
Disposals	-	(59,082)	(146,392)	(99,158)	-	(304,632)
Depreciation expenses	-	796,147	2,141,050	651,461	-	3,588,658
Acquisitions through business combinations (Note 28)	-	-	11,010	-	-	11,010
Reclassification	-	(17,370)	17,370	-	-	-
Effects of foreign currency exchange differences	-	(362,052)	(1,127,543)	(33,919)	(2,168)	(1,525,682)
Balance at June 30, 2023	<u>\$ 808,904</u>	<u>\$ 23,177,479</u>	<u>\$ 62,193,176</u>	<u>\$ 9,072,422</u>	<u>\$ 78,451</u>	<u>\$ 95,330,432</u>
Carrying amounts at December 31, 2022 and January 1, 2023	<u>\$ 25,153,155</u>	<u>\$ 32,323,343</u>	<u>\$ 28,918,154</u>	<u>\$ 11,316,056</u>	<u>\$ 17,029,275</u>	<u>\$ 114,739,983</u>
Carrying amounts at June 30, 2023	<u>\$ 25,168,658</u>	<u>\$ 32,617,414</u>	<u>\$ 29,722,926</u>	<u>\$ 11,777,037</u>	<u>\$ 24,985,608</u>	<u>\$ 124,271,643</u>
<u>Cost</u>						
Balance at January 1, 2022	\$ 25,912,225	\$ 51,746,756	\$ 80,969,973	\$ 15,474,043	\$ 11,884,990	\$ 185,987,987
Additions	914	239,305	190,167	81,143	7,460,095	7,971,624
Disposals	-	(76,056)	(353,193)	(788,374)	-	(1,217,623)
Reclassification	-	500,736	1,765,764	3,981,944	(3,327,807)	2,920,637
Effects of foreign currency exchange differences	2,874	809,442	1,210,384	373,048	132,606	2,528,354
Balance at June 30, 2022	<u>\$ 25,916,013</u>	<u>\$ 53,220,183</u>	<u>\$ 83,783,095</u>	<u>\$ 19,121,804</u>	<u>\$ 16,149,884</u>	<u>\$ 198,190,979</u>

(Continued)

	Land	Buildings	Machinery and Equipment	Miscellaneous Equipment	Property in Construction	Total
<u>Accumulated depreciation and impairment</u>						
Balance at January 1, 2022	\$ 808,904	\$ 21,210,406	\$ 57,214,150	\$ 8,479,352	\$ 79,143	\$ 87,791,955
Disposals	-	(48,937)	(312,531)	(776,786)	-	(1,138,254)
Depreciation expenses	-	731,658	1,932,889	438,523	-	3,103,070
Reclassification	-	2,772	(2,772)	-	-	-
Effects of foreign currency exchange differences	-	241,551	753,012	71,528	1,867	1,067,958
Balance at June 30, 2022	<u>\$ 808,904</u>	<u>\$ 22,137,450</u>	<u>\$ 59,584,748</u>	<u>\$ 8,212,617</u>	<u>\$ 81,010</u>	<u>\$ 90,824,729</u>
Carrying amounts at June 30, 2022	<u>\$ 25,107,109</u>	<u>\$ 31,082,733</u>	<u>\$ 24,198,347</u>	<u>\$ 10,909,187</u>	<u>\$ 16,068,874</u>	<u>\$ 107,366,250</u>

(Concluded)

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

Buildings	
Main buildings	30-60 years
Main plants	15-50 years
Storage units	10-50 years
Others	20-50 years
Machinery and equipment	2-28 years
Miscellaneous equipment	2-20 years

Property, plant and equipment pledged as collateral for bank borrowings are set out in Note 34.

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

	<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>
Acquisitions of property, plant and equipment	\$ 13,960,471	\$ 7,971,624
Increase in prepayments for equipment	1,856,222	3,169,452
Decrease (increase) in payables for equipment (included in other payables)	(2,822,382)	581,570
Increase in other non-current liabilities	<u>-</u>	<u>(56,213)</u>
	<u>\$ 12,994,311</u>	<u>\$ 11,666,433</u>

## 15. LEASE ARRANGEMENTS

### a. Right-of-use assets

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
<u>Carrying amount</u>			
Land	\$ 13,198,289	\$ 13,525,477	\$ 13,221,041
Buildings	1,493,506	1,531,828	1,590,852
Machinery	399,169	354,777	378,417
Others	<u>105,644</u>	<u>91,693</u>	<u>87,810</u>
	<u>\$ 15,196,608</u>	<u>\$ 15,503,775</u>	<u>\$ 15,278,120</u>

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2023	2022	2023	2022
Additions to right-of-use assets	\$ <u>129,051</u>	\$ <u>364,835</u>	\$ <u>464,540</u>	\$ <u>487,482</u>
Depreciation charge for right-of-use assets				
Land	\$ 154,375	\$ 147,040	\$ 306,663	\$ 294,504
Buildings	50,795	46,303	93,910	90,215
Machinery	21,893	21,598	43,793	43,207
Others	<u>3,294</u>	<u>11,173</u>	<u>20,979</u>	<u>19,744</u>
	\$ <u>230,357</u>	\$ <u>226,114</u>	\$ <u>465,345</u>	\$ <u>447,670</u>

Except for the aforementioned additions and recognized depreciation, the Group did not have significant sublease or impairment of right-of-use assets during the six months ended June 30, 2023 and 2022.

The Right-of-use assets pledged as collateral for bank borrowings are set out in Note 34.

b. Lease liabilities

	June 30, 2023	December 31, 2022	June 30, 2022
<u>Carrying amount</u>			
Current	\$ <u>443,014</u>	\$ <u>400,136</u>	\$ <u>416,216</u>
Non-current	\$ <u>3,612,317</u>	\$ <u>3,550,048</u>	\$ <u>3,437,272</u>

Range of discount rate for lease liabilities was as follows:

	June 30, 2023	December 31, 2022	June 30, 2022
Land	1.79%-5.40%	1.79%-4.90%	1.79%-4.90%
Buildings	0.71%-5.50%	0.71%-4.75%	0.71%-4.75%
Machinery	1.85%-2.70%	1.85%-2.20%	1.85%-2.20%
Others	0.85%-4.75%	0.85%-4.75%	0.85%-4.75%

c. Material lease-in activities and terms

The Group leases certain land and buildings for the use of plants and offices. The Group does not have bargain purchase options to acquire the leased premises at the end of the lease terms.

d. Other lease information

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2023	2022	2023	2022
Expenses relating to short-term leases	<u>\$ 123,827</u>	<u>\$ 211,292</u>	<u>\$ 346,149</u>	<u>\$ 456,001</u>
Expenses relating to low-value asset leases	<u>\$ 1,574</u>	<u>\$ 685</u>	<u>\$ 2,235</u>	<u>\$ 1,221</u>
Expenses relating to variable lease payments not included in the measurement of lease liabilities	<u>\$ 61,029</u>	<u>\$ 59,177</u>	<u>\$ 151,251</u>	<u>\$ 130,630</u>
Total cash outflow for leases	<u>\$ (312,205)</u>	<u>\$ (451,835)</u>	<u>\$ (902,110)</u>	<u>\$ (998,344)</u>

The Group's leases of certain assets which qualify as short-term leases and low-value asset leases. The Group has elected to apply the recognition exemption and thus, did not recognize right-of-use assets and lease liabilities for these leases.

## 16. INVESTMENT PROPERTIES

	June 30, 2023	December 31, 2022	June 30, 2022
Land	\$ 4,796,700	\$ 4,796,700	\$ 4,875,977
Buildings	<u>516,099</u>	<u>526,316</u>	<u>540,924</u>
	<u>\$ 5,312,799</u>	<u>\$ 5,323,016</u>	<u>\$ 5,416,901</u>

Except for recognizing depreciation, the Group did not recognize significant additions, disposals or impairment loss of investment properties during the six months ended June 30, 2023 and 2022.

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

As of December 31, 2022 and 2021, the fair value of investment properties were \$13,242,491 thousand and \$13,566,958 thousand, respectively. Management of the Group had assessed and determined that there were no significant changes in fair value as of June 30, 2023 and 2022, as compared to that of December 31, 2022 and 2021.

The investment properties pledged as collateral for bank borrowings are set out in Note 34.

## 17. INTANGIBLE ASSETS

	Goodwill	Operational Concession	Mining Rights	Technical Expertise	Others	Total
<u>Cost</u>						
Balance at January 1, 2023	\$ 16,488,971	\$ 7,681,476	\$ 6,460,330	\$ 1,209,299	\$ 2,348,970	\$ 34,189,046
Additions	-	-	131,389	-	235,269	366,658
Acquisitions through business combinations (Note 28)	414,110	-	-	-	72,645	486,755
Reclassification	-	-	-	-	78,416	78,416
Effects of foreign currency exchange differences	(142,895)	-	(110,962)	40,287	17,217	(196,353)
Balance at June 30, 2023	<u>\$ 16,760,186</u>	<u>\$ 7,681,476</u>	<u>\$ 6,480,757</u>	<u>\$ 1,249,586</u>	<u>\$ 2,752,517</u>	<u>\$ 34,924,522</u>
<u>Accumulated amortization and impairment</u>						
Balance at January 1, 2023	\$ 156,000	\$ 1,662,221	\$ 2,280,441	\$ 342,636	\$ 1,867,332	\$ 6,308,630
Amortization expenses	-	75,556	165,913	122,076	136,829	500,374
Effects of foreign currency exchange differences	-	-	(58,492)	14,296	4,571	(39,625)
Balance at June 30, 2023	<u>\$ 156,000</u>	<u>\$ 1,737,777</u>	<u>\$ 2,387,862</u>	<u>\$ 479,008</u>	<u>\$ 2,008,732</u>	<u>\$ 6,769,379</u>
Carrying amount at December 31, 2022 and January 1, 2023	<u>\$ 16,332,971</u>	<u>\$ 6,019,255</u>	<u>\$ 4,179,889</u>	<u>\$ 866,663</u>	<u>\$ 481,638</u>	<u>\$ 27,880,416</u>
Carrying amount at June 30, 2023	<u>\$ 16,604,186</u>	<u>\$ 5,943,699</u>	<u>\$ 4,092,895</u>	<u>\$ 770,578</u>	<u>\$ 743,785</u>	<u>\$ 28,155,143</u>
<u>Cost</u>						
Balance at January 1, 2022	\$ 16,138,810	\$ 7,681,476	\$ 5,772,594	\$ 1,220,651	\$ 1,891,679	\$ 32,705,210
Additions	-	-	174,836	-	211,075	385,911
Reclassification	-	-	-	-	66,033	66,033
Effects of foreign currency exchange differences	193,526	-	131,879	(73,073)	7,638	259,970
Balance at June 30, 2022	<u>\$ 16,332,336</u>	<u>\$ 7,681,476</u>	<u>\$ 6,079,309</u>	<u>\$ 1,147,578</u>	<u>\$ 2,176,425</u>	<u>\$ 33,417,124</u>
<u>Accumulated amortization and impairment</u>						
Balance at January 1, 2022	\$ 156,000	\$ 1,511,110	\$ 1,904,654	\$ -	\$ 1,482,585	\$ 5,054,349
Amortization expenses	-	75,555	156,620	212,829	87,592	532,596
Reclassification	-	-	-	-	44,971	44,971
Effects of foreign currency exchange differences	-	-	40,930	(2,439)	8,675	47,166
Balance at June 30, 2022	<u>\$ 156,000</u>	<u>\$ 1,586,665</u>	<u>\$ 2,102,204</u>	<u>\$ 210,390</u>	<u>\$ 1,623,823</u>	<u>\$ 5,679,082</u>
Carrying amount at June 30, 2022	<u>\$ 16,176,336</u>	<u>\$ 6,094,811</u>	<u>\$ 3,977,105</u>	<u>\$ 937,188</u>	<u>\$ 552,602</u>	<u>\$ 27,738,042</u>

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
Technical expertise	5 years
Others	3-17 years

## 18. BORROWINGS

### a. Short-term loans

	June 30, 2023	December 31, 2022	June 30, 2022
Secured borrowings			
Bank loans	\$ 320,000	\$ 420,000	\$ 170,000
Unsecured borrowings			
Bank loans - unsecured	19,248,604	20,912,856	48,526,526
Bank loans - letters of credit	<u>-</u>	<u>1,083,956</u>	<u>108,048</u>
	<u>19,248,604</u>	<u>21,996,812</u>	<u>48,634,574</u>
	<u>\$ 19,568,604</u>	<u>\$ 22,416,812</u>	<u>\$ 48,804,574</u>
Interest rate	1.40%-5.95%	1.29%-5.60%	0.70%-3.68%

### b. Short-term bills payable

	June 30, 2023	December 31, 2022	June 30, 2022
Commercial paper	\$ 2,185,000	\$ 3,078,000	\$ 3,690,000
Less: Unamortized discount on bills payable	<u>(5,966)</u>	<u>(12,039)</u>	<u>(8,975)</u>
	<u>\$ 2,179,034</u>	<u>\$ 3,065,961</u>	<u>\$ 3,681,025</u>
Interest rate	1.91%-2.75%	1.94%-2.79%	1.02%-2.00%

### c. Long-term loans and long-term bills payable

	June 30, 2023	December 31, 2022	June 30, 2022
Secured borrowings	\$ 2,089,703	\$ 2,202,828	\$ 2,055,400
Unsecured borrowings	<u>26,560,803</u>	<u>41,388,300</u>	<u>23,783,678</u>
	28,650,506	43,591,128	25,839,078
Less: Current portion	<u>(265,497)</u>	<u>(726,392)</u>	<u>(873,496)</u>
	<u>\$ 28,385,009</u>	<u>\$ 42,864,736</u>	<u>\$ 24,965,582</u>
Long-term bills payable	\$ 15,100,000	\$ 15,100,000	\$ 15,100,000
Less: Discount on bills payable	<u>(36,844)</u>	<u>(109,411)</u>	<u>(95,835)</u>
	<u>\$ 15,063,156</u>	<u>\$ 14,990,589</u>	<u>\$ 15,004,165</u>
Interest rate			
Long-term loans	1.35%-6.39%	1.58%-6.17%	0.85%-3.85%
Long-term bills payable	2.09%-2.24%	1.92%-2.09%	1.52%-1.81%

Long-term loans consist of unsecured borrowings and secured borrowings. The principals of long-term unsecured and secured borrowings are due in June 2029, and the interests are paid monthly.

The Group has entered into 5-year and 7-year syndicated loan agreements in 2018 with certain bank consortium, and a 5-year syndicated loan agreement with certain bank consortium in 2022, with an expiry date of May 2027. The credit line is divided into two tranches: A and B. The long-term credit line of Tranche A will be repaid in May 2027. The credit facility of Tranche B, which is a long-term revolving credit line, is divided into Tranche B-1 and Tranche B-2. The Group has the right to decide whether to utilize the long-term loans Tranche B-1 or the long-term notes payable Tranche B-2 at its sole discretion. When each utilized amount expires, it can be directly reimbursed by the newly allocated funds. For the same amount, the Group does not need to remit funds in and out.

The Group did not violate the financial covenants of other long-term loans and long-term bills payable.

## 19. BONDS PAYABLE

	June 30, 2023	December 31, 2022	June 30, 2022
Domestic unsecured bonds			
1 <sup>st</sup> issued in 2018	\$ 12,000,000	\$ 12,000,000	\$ 12,000,000
1 <sup>st</sup> issued in 2019	12,600,000	12,600,000	12,600,000
1 <sup>st</sup> issued in 2020	20,000,000	20,000,000	20,000,000
1 <sup>st</sup> issued in 2021	16,600,000	16,600,000	16,600,000
1 <sup>st</sup> issued in 2022	7,750,000	7,750,000	7,750,000
2 <sup>nd</sup> issued in 2022	3,300,000	3,300,000	-
3 <sup>rd</sup> issued in 2022	9,300,000	-	-
	<u>81,550,000</u>	<u>72,250,000</u>	<u>68,950,000</u>
Less: Discount on bonds payable	<u>(120,261)</u>	<u>(113,426)</u>	<u>(117,044)</u>
	<u>81,429,739</u>	<u>72,136,574</u>	<u>68,832,956</u>
Less: Current portion	<u>(12,592,776)</u>	<u>-</u>	<u>-</u>
	<u>68,836,963</u>	<u>72,136,574</u>	<u>68,832,956</u>
Overseas unsecured convertible bonds			
1 <sup>st</sup> issued in 2021	22,200,000	22,200,000	22,200,000
Less: Discount on bonds payable	<u>(1,239,632)</u>	<u>(1,414,553)</u>	<u>(1,590,875)</u>
	<u>20,960,368</u>	<u>20,785,447</u>	<u>20,609,125</u>
Less: Current portion	<u>(20,960,368)</u>	<u>(20,785,447)</u>	<u>-</u>
	<u>\$ 68,836,963</u>	<u>\$ 72,136,574</u>	<u>\$ 89,442,081</u>

In May 2023, the shareholders meeting resolved the issuance of new ordinary shares for sponsoring issuance of global depository receipts, domestic unsecured convertible bonds, and overseas unsecured convertible bonds to increase working capital, purchase materials overseas, repay bank loans or procure machinery and equipment, invest and support other needs for the Corporation's future development, with the total amount of issuance not exceeding NT\$30,000,000 thousand and the total issuance of shares not exceeding 1,000,000 thousand of shares. The above plans can be executed alternatively or all at the same time. As of June 30, 2023, the Corporation has not executed any of the issuance noted above.

### a. Domestic unsecured bonds

The Corporation issued domestic unsecured bonds at par value in the aggregate amount of NT\$12,000,000 thousand on June 21, 2018, with a fixed coupon rate of 1.7% per annum. The bonds have a maturity period of 15 years, and a one-off payment of principal should be made in full on June 21, 2033 and with interest paid annually.

The Corporation issued domestic unsecured bonds at par value in the aggregate amount of NT\$12,600,000 thousand on June 14, 2019, with a fixed coupon rate of 0.85% per annum. The bonds have a maturity period of 5 years, and a one-off payment of principal should be made in full on June 14, 2024 and with interest paid annually.

The Corporation issued domestic unsecured bonds at par value in the aggregate amount of NT\$20,000,000 thousand on April 15, 2020. According to the issuance conditions, the unsecured bonds are classified into bonds A and bonds B, with a fixed coupon rate of 0.69% and 0.93% per annum, and with the issuance amounts of NT\$5,200,000 thousand and NT\$14,800,000 thousand, respectively. The bonds will be repaid in a one-off payment on April 15, 2027 and April 15, 2035, respectively, while the interests will be paid annually.

The Corporation issued domestic unsecured bonds at par value in the total amount of NT\$16,600,000 thousand on August 31, 2021. According to the issuance conditions, the unsecured bonds are classified into bonds A, bonds B, bonds C and bonds D, with a fixed coupon rate of 0.59%, 0.68%, 0.78% and 0.95% per annum, and with the issuance amounts of NT\$5,800,000 thousand, NT\$3,100,000 thousand, NT\$1,200,000 thousand and NT\$6,500,000 thousand, respectively. The bonds will be repaid in a one-off payment on August 31, 2026, August 31, 2028, August 31, 2031 and August 31, 2036, respectively, while the interests will be paid annually.

The Corporation issued domestic unsecured bonds at par value in the aggregate amount of NT\$7,750,000 thousand on June 8, 2022. According to the issuance conditions, the unsecured bonds are classified into bonds A and bonds B with a fixed coupon rate of 1.90% and 2.15% per annum, and with the issuance amounts of NT\$4,950,000 thousand and NT\$2,800,000 thousand, respectively. The bonds will be repaid in a one-off payment on June 8, 2028 and June 8, 2032, respectively, while the interests will be paid annually.

The Corporation issued domestic unsecured bonds at par value in the aggregate amount of NT\$3,300,000 thousand on November 25, 2022. According to the issuance conditions, the unsecured bonds are classified into bonds A and bonds B with a fixed coupon rate of 2.10% and 2.65% per annum, and with the issuance amounts of NT\$2,100,000 thousand and NT\$1,200,000 thousand, respectively. The bonds will be repaid in a one-off payment on November 25, 2027 and November 25, 2032, respectively, while the interests will be paid annually.

The Corporation issued domestic unsecured bonds at par value in the aggregate amount of NT\$9,300,000 thousand on January 13, 2023. According to the issuance conditions, the unsecured bonds are classified into bonds A and bonds B with a fixed coupon rate of 2.40% and 2.65% per annum, and with the issuance amounts of NT\$6,100,000 thousand and NT\$3,200,000 thousand, respectively. The bonds will be repaid in a one-off payment on January 13, 2030 and January 13, 2033, respectively, while the interests will be paid annually.

b. Overseas unsecured convertible bonds

Overseas unsecured convertible bonds 1st issued in 2021

In September 2021, the Corporation's Board of Directors resolved to issue overseas unsecured convertible bonds for the first time. This proposal was approved and became effective under the letter issued by the Financial Supervisory Commission ("FSC") dated November 26, 2021 (Ref. No. Jin-Guan-Zheng-Fa-Zi 1100373764). The bonds, which have a zero-coupon rate and a duration of 5 years, were listed on the Singapore Stock Exchange on December 7, 2021, and have a face value of US\$800,000 thousand.

Bondholders may request the Corporation to convert the bonds into the Corporation's ordinary shares at the price of NT\$59.8 per share at any time within the period from the following day after three months from the issuance date to 10 days prior to maturity date. The conversion price after the issuance of convertible corporate bonds will be adjusted according to the anti-dilution clause of the 2021 First Overseas Unsecured Convertible Bonds Issuance and Conversion Rules of the Corporation. After several price adjustment, the conversion price has been adjusted to NT\$51.84 per share since July 17, 2023, i.e., the ex-divided date. Bondholders can request the Corporation to convert the bonds at the fixed exchange rate of US\$1=NT\$27.75, which is to be divided by the conversion price per share on the conversion date. As of June 30, 2023, no conversion had been requested.

From the second anniversary of the issue date of the convertible bonds to the maturity date, the Corporation may redeem all the outstanding convertible bonds at the early redemption amount, provided that the closing price of issuer's ordinary shares on TWSE, for a total of 20 days out of 30 consecutive trading days, has reached at least 130% of the total amount of the early redemption amount that multiplied by the conversion price, and divided by the par value, or provided that at least 90% of the convertible bonds have been redeemed, converted, repurchased and cancelled.

Unless the convertible bonds have been early redeemed, repurchased and cancelled or converted, the bondholders shall have the right to request the Corporation to redeem the convertible bonds, in whole or in part, at the early redemption amount on the second anniversary of the issue date. Therefore, on December 31, 2022, the overseas unsecured convertible bonds were converted to convertible bonds expired within a year.

The convertible bonds contain both liability and equity components. The equity component was presented in equity under the heading of capital surplus - options. The effective interest rate of the liability component was 1.69% per annum on initial recognition.

	<b>June 30, 2023</b>
Proceeds from issuance at December 31, 2021 (less transaction costs of \$232,461 thousand)	\$ 21,967,539
Redemption of option derivatives (accounting for financial liabilities measured at FVTPL) and transaction costs	(215,282)
Equity component (less transaction costs allocated to the equity component of \$14,157 thousand)	<u>(1,337,823)</u>
Liability component at the date of issue (less transaction costs allocated to the liability component of \$216,026 thousand)	20,414,434
Interest charged at an effective interest rate	<u>371,013</u>
Liability component at December 31, 2022	20,785,447
Interest charged at an effective interest rate	<u>174,921</u>
Liability component at June 30, 2023	<u>\$ 20,960,368</u>

	<b>June 30, 2022</b>
Proceeds from issuance at December 31, 2021 (less transaction costs of \$232,461 thousand)	\$ 21,967,539
Redemption of option derivatives (accounting for financial liabilities measured at FVTPL) and transaction costs	(215,282)
Equity component (less transaction costs allocated to the equity component of \$14,157 thousand)	<u>(1,337,823)</u>
Liability component at the date of issue (less transaction costs allocated to the liability component of \$216,026 thousand)	20,414,434
Interest charged at an effective interest rate	<u>22,701</u>
Liability component at December 31, 2021	20,437,135
Interest charged at an effective interest rate	<u>171,990</u>
Liability component at June 30, 2022	<u>\$ 20,609,125</u>

## 20. OTHER PAYABLES

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Payables for equipment	\$ 3,689,119	\$ 866,737	\$ 564,021
Salaries and bonuses payable	1,746,260	2,077,884	1,281,280
Deposits and retention money	1,387,571	1,248,255	1,278,450
Interest payable	422,887	584,850	268,016
Payables for electricity	410,438	252,828	360,603
Taxes payable	372,343	528,094	844,525
Freight payable	149,925	39,988	90,724
Others	<u>4,107,664</u>	<u>4,172,955</u>	<u>4,095,073</u>
	<u>\$ 12,286,207</u>	<u>\$ 9,771,591</u>	<u>\$ 8,782,692</u>

## 21. RETIREMENT BENEFIT PLANS

Employee benefits expense (gain) in respect of the defined retirement benefit plans applied the respective actuarially determined annual pension cost discount rate as of December 31, 2022 and 2021 and was recognized in the following line items in its respective periods:

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Operating costs	\$ (2,402)	\$ (2,147)	\$ (4,194)	\$ (1,602)
Operating expenses	<u>(1,548)</u>	<u>(585)</u>	<u>(3,072)</u>	<u>(1,203)</u>
	<u>\$ (3,950)</u>	<u>\$ (2,732)</u>	<u>\$ (7,266)</u>	<u>\$ (2,805)</u>

## 22. EQUITY

### a. Share capital

#### 1) Ordinary shares

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Number of shares authorized (in thousands)	<u>10,000,000</u>	<u>8,500,000</u>	<u>8,500,000</u>
Shares authorized	<u>\$ 100,000,000</u>	<u>\$ 85,000,000</u>	<u>\$ 85,000,000</u>
Number of shares issued and fully paid (in thousands)	<u>7,156,182</u>	<u>7,156,182</u>	<u>6,125,234</u>
Shares issued	<u>\$ 71,561,817</u>	<u>\$ 71,561,817</u>	<u>\$ 61,252,340</u>

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

In May 2023, the Corporation's shareholders meeting resolved to amend the Articles of Incorporation to increase the authorized share capital and the number of shares to \$100,000,000 thousand and 10,000,000 thousand of shares, respectively.

The changes in the number of issued shares included the conversion of convertible bonds, the distribution of share dividends, the cancelation of treasury stocks and the issuance of global depositary receipt.

#### 2) Share dividends to be distributed

The Corporation's shareholders meeting resolved to distribute share dividends of \$6,116,173 thousand in May 2022, which was approved by the Financial Supervisory Commission ("FSC"). The ex-dividend date was July 27, 2022 as determined by the Board of Directors of the Corporation.

#### 3) Preference shares

In June 2018, the Corporation's Board of Directors resolved to increase cash capital by issuing preference shares for the second time, which was approved by the FSC under letter dated July 25, 2018 (Ref. No. Jin-Guan-Zheng-Fa-Zi 1070325853), and the record date of capital increase was determined as of December 13, 2018, it was expected to issue 200,000 thousand shares with a face value of \$10 per share at the issue price of NT\$50 per share, with 3.5% coupon per annum (based on a five-year term 0.9375% IRS interest rate + 2.5625% fixed interest rate). Five-year term IRS interest rate will be reset on the next business day of the expiry of the five-year period from the date of issue and every five years thereafter. The shareholders of the second preference shares do not have the right to vote and to elect in the shareholders meeting but can be elected as directors. The Corporation has full discretion on the dividend distribution of the second preference shares. If there is no surplus or insufficient surplus to pay the preference share dividends upon the close of current fiscal year, the Corporation's resolution to cancel the distribution of preference share dividends will not constitute an event of default or a termination event in a contract. Preference share dividends are non-accumulative, and dividends that are not distributed or distributed in excess are not accumulated in the future year with deferred annual repayment. There is no maturity of the Corporation's second preference shares, but the Corporation may recover whole or part of the second preference shares at the actual issue price from the day following the five-year period from the issue date. The preference shares may not be converted to ordinary shares, and the preference shareholders do not have the rights to require the Corporation to redeem the preference shares they hold.

4) Issuance of global depository receipt

In May 2022, the shareholders meeting of the Corporation resolved the issuance of new ordinary shares for sponsoring issuance of global depository receipts to increase working capital for future development, repaying bank loans, and purchasing materials overseas. This proposal was approved and took effect upon receipt of the letter issued by the FSC dated September 27, 2022 (Ref. No. Jin-Guan-Zheng-Fa-Zi 1110356873). The Corporation has issued 84,000 thousand of units at the offer price of US\$5.06 each on the Luxembourg Stock Exchange in October 2022. The total issue price is US\$425,040 thousand. Each unit of the global depository receipts represents five ordinary shares of the Corporation with the total number of 420,000 thousand of shares. As of June 30, 2023, 38 thousand of units were outstanding.

b. Capital surplus

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
May be used to offset a deficit, distributed as cash dividends, or transferred to share capital (Note 1)			
Issuance of ordinary shares	\$ 53,366,704	\$ 53,366,704	\$ 44,176,367
Conversion of bonds	10,539,771	10,539,771	10,540,825
Treasury share transactions	169,861	186,289	204,127
Donations	31,537	31,537	31,537
Forfeited share options	50,673	36,879	36,879
Exercised employee share options	22,347	22,347	22,347
<u>May be used to offset a deficit only (Note 2)</u>			
Changes in percentage of ownership interests in subsidiaries	206,262	179,578	124,467
Dividends distributed by subsidiaries not yet received by shareholders	2,510	2,510	2,510
<u>May not be used for any purpose</u>			
Equity component of convertible bond	1,337,823	1,337,823	1,337,823
Changes in interests in associates accounted for using the equity method	<u>282,427</u>	<u>282,427</u>	<u>325,904</u>
	<u>\$ 66,009,915</u>	<u>\$ 65,985,865</u>	<u>\$ 56,802,786</u>

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).

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 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' general meeting for the distribution of dividends and bonuses to shareholders. For the policies on the distribution of employees' compensation and remuneration of directors, refer to Note 24(c): Net income (loss) - compensation of employees and remuneration of directors.

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.

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 2022 and 2021, which were approved by the shareholders' general meeting in May 2023 and 2022, respectively, were as follows:

	<u>Appropriation of Earnings</u>		<u>Dividends Per Share (NT\$)</u>	
	<u>For the Year Ended December 31</u>		<u>For the Year Ended December 31</u>	
	<u>2022</u>	<u>2021</u>	<u>2022</u>	<u>2021</u>
Legal reserve	\$ 520,555	\$ 2,068,477		
Cash dividends on preference shares	350,000	350,000	\$ <u>1.75</u>	\$ <u>1.75</u>
Cash dividends on ordinary shares	3,556,091	6,116,173	\$ <u>0.50</u> (Note 2)	\$ <u>1.00</u> (Note 1)
Share dividends on ordinary shares	-	6,116,173	\$ <u>-</u>	\$ <u>1.00</u> (Note 1)

Note 1: The number of ordinary shares outstanding was affected by the Corporation's purchase of treasury shares which has not been transferred to employees. Therefore, the cash dividend was adjusted to \$0.99928258 per ordinary share and the share dividend was adjusted to \$0.99928258 per ordinary share.

Note 2: The number of ordinary shares outstanding was affected by the Corporation's purchase of treasury shares which has not been transferred to employees. Therefore, the cash dividend was adjusted to \$0.49971973 per ordinary share.

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 reserves were not reversed for the six months ended June 30, 2023 and 2022, respectively. 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

	<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>
Balance at January 1	\$ (8,294,175)	\$ (16,068,895)
Recognized for the period		
Exchange differences on the translation of the financial statements of foreign operations	(3,166,560)	4,056,799
Share from associates and joint ventures accounted for using the equity method	<u>(719,385)</u>	<u>59,981</u>
Balance at June 30	<u>\$ (12,180,120)</u>	<u>\$ (11,952,115)</u>

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

	<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>
Balance at January 1	\$ 20,286,916	\$ 26,988,909
Recognized for the period		
Unrealized loss - equity instruments	(385,911)	(3,103,009)
Share from associates accounted for using the equity method	<u>170,915</u>	<u>(237,808)</u>
Other comprehensive loss recognized for the period	<u>(214,996)</u>	<u>(3,340,817)</u>
Balance at June 30	<u>\$ 20,071,920</u>	<u>\$ 23,648,092</u>

3) Cash flow hedges

	<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>
Balance at January 1	\$ (1,651)	\$ -
Share from associates accounted for using the equity method	<u>(5,566)</u>	<u>(9,495)</u>
Balance at June 30	<u>\$ (7,217)</u>	<u>\$ (9,495)</u>

f. Non-controlling interests

	<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>
Balance at January 1	\$ 20,381,014	\$ 21,177,340
Net income (loss)	263,265	(1,492,399)
Other comprehensive income (loss) for the period		
Exchange differences on translating of the financial statements of foreign operations	18,378	22,627
Unrealized gain (loss) on financial assets at FVTOCI	18,163	(12,797)
Dividends paid by subsidiaries	(145,471)	(1,159,515)
Changes in ownership interests of subsidiaries	6,723	3,923
Capital reduction of subsidiaries	(100,200)	-
Acquisition of non-controlling interests in subsidiaries (Note 29)	<u>(6,641)</u>	<u>(2,602)</u>
Balance at June 30	<u>\$ 20,435,231</u>	<u>\$ 18,536,577</u>

g. Treasury shares

	<b>(In Thousands of Shares)</b>	
	<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>
Number of shares at January 1	4,000	9,061
Increase during the period	20,000	-
Transferred to employees	<u>(4,000)</u>	<u>(4,391)</u>
Number of shares at June 30	<u>20,000</u>	<u>4,670</u>

The Corporation's Board of Directors resolved in January 2023 to buy back 20,000 thousand shares mainly for transferring to employees, the total amount was \$732,459 thousand. The compensation costs recognized for transferring treasury shares to employees were \$37,766 thousand and \$66,820 thousand for the six months ended June 30, 2023 and 2022, respectively.

Under the Securities Exchange Act, the Corporation shall neither pledge treasury shares nor exercise shareholder's rights on these shares, such as rights to dividends and to vote.

## 23. Revenue

a. Revenue from contracts with customers

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Operating revenue	<u>\$ 27,668,242</u>	<u>\$ 25,177,833</u>	<u>\$ 53,964,171</u>	<u>\$ 48,151,294</u>

b. Contract balances

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>	<b>January 1, 2022</b>
Notes and accounts receivable (Note 9)	<u>\$ 28,282,263</u>	<u>\$ 34,599,483</u>	<u>\$ 28,981,091</u>	<u>\$ 35,483,726</u>
Contract assets (included in other current assets)	<u>\$ 45,714</u>	<u>\$ 548,725</u>	<u>\$ 303,734</u>	<u>\$ 179,035</u>
Contract liabilities	<u>\$ 3,950,878</u>	<u>\$ 1,774,714</u>	<u>\$ 1,363,052</u>	<u>\$ 1,439,222</u>

The changes in the balance of contract liabilities primarily resulted from the timing difference between the Group's satisfaction of performance obligations and the respective customer's payment.

## 24. NET INCOME (LOSS)

Net income (loss) includes the following items:

a. Depreciation and amortization

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
An analysis of depreciation by item				
Property, plant and equipment	\$ 1,812,411	\$ 1,591,812	\$ 3,588,658	\$ 3,103,070
Right-of-use assets	230,357	226,114	465,345	447,670
Investment properties	<u>5,174</u>	<u>5,296</u>	<u>10,347</u>	<u>10,519</u>
	<u>\$ 2,047,942</u>	<u>\$ 1,823,222</u>	<u>\$ 4,064,350</u>	<u>\$ 3,561,259</u>
An analysis of depreciation by function				
Operating costs	\$ 1,795,628	\$ 1,741,576	\$ 3,631,666	\$ 3,300,705
Operating expenses	<u>252,314</u>	<u>81,646</u>	<u>432,684</u>	<u>260,554</u>
	<u>\$ 2,047,942</u>	<u>\$ 1,823,222</u>	<u>\$ 4,064,350</u>	<u>\$ 3,561,259</u>
An analysis of amortization of intangible assets by function				
Operating costs	\$ 229,482	\$ 314,487	\$ 465,278	\$ 509,589
Marketing expenses	1	-	3	-
General and administrative expenses	17,421	12,096	33,485	21,678
Research and development expenses	<u>1,124</u>	<u>489</u>	<u>1,608</u>	<u>1,329</u>
	<u>\$ 248,028</u>	<u>\$ 327,072</u>	<u>\$ 500,374</u>	<u>\$ 532,596</u>

b. Employee benefits expense

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Retirement benefit plans				
Defined contribution plans	\$ 168,376	\$ 165,960	\$ 335,317	\$ 331,732
Defined benefit plans	<u>(3,950)</u>	<u>(2,732)</u>	<u>(7,266)</u>	<u>(2,805)</u>
	164,426	163,228	328,051	328,927
Share-based Payment				
Equity-settled	59,904	66,820	81,609	66,820
Other employee benefits	<u>2,506,145</u>	<u>1,934,965</u>	<u>4,777,794</u>	<u>4,170,040</u>
 Total of employee benefits expense	 <u>\$ 2,730,475</u>	 <u>\$ 2,165,013</u>	 <u>\$ 5,187,454</u>	 <u>\$ 4,565,787</u>
 An analysis of employee benefits expense by function				
Operating costs	\$ 1,643,085	\$ 1,483,921	\$ 3,143,326	\$ 3,138,449
Operating expenses	<u>1,087,390</u>	<u>681,092</u>	<u>2,044,128</u>	<u>1,427,338</u>
	<u>\$ 2,730,475</u>	<u>\$ 2,165,013</u>	<u>\$ 5,187,454</u>	<u>\$ 4,565,787</u>

c. Compensation of employees and remuneration of directors

The Corporation accrued compensation of employees and remuneration of directors at the rates of 0.01%-3% and no higher than 1%, respectively, of net profit before income tax, compensation of employees and remuneration of directors for the three months ended June 30, 2023 and 2022 and the six months ended June 30, 2023 and 2022. The compensation of employees and the remuneration of directors for the said periods were as follows:

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Compensation of employees	<u>\$ 11,192</u>	<u>\$ 6,817</u>	<u>\$ 15,641</u>	<u>\$ 10,170</u>
Remuneration of directors	<u>\$ 35,442</u>	<u>\$ 8,668</u>	<u>\$ 49,530</u>	<u>\$ 16,454</u>

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 compensation of employees and remuneration of directors for the years ended December 31, 2022 and 2021 which are to be paid in cash, had been resolved by the Board of Directors in March 2023 and April 2022, respectively, were as follows:

	<b>For the Year Ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Compensation of employees	<u>\$ 79,123</u>	<u>\$ 106,914</u>
Remuneration of directors	<u>\$ 61,622</u>	<u>\$ 210,453</u>

There was no difference between the actual amounts of compensation of employees and remuneration of directors paid and the amounts recognized in the consolidated financial statements for the years ended December 31, 2022 and 2021.

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

d. Finance costs

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Interest on bank borrowings	\$ 414,598	\$ 327,525	\$ 825,756	\$ 547,297
Interest on corporate bonds	355,487	248,709	699,103	484,714
Interest on lease liabilities	27,574	32,768	53,272	49,270
Other finance costs	<u>45,746</u>	<u>51,170</u>	<u>94,539</u>	<u>104,101</u>
	<u>\$ 843,405</u>	<u>\$ 660,172</u>	<u>\$ 1,672,670</u>	<u>\$ 1,185,382</u>

e. Interest income

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Interest on bank deposits	\$ 851,433	\$ 425,312	\$ 1,589,609	\$ 797,351
Others	<u>2,829</u>	<u>1,809</u>	<u>6,371</u>	<u>1,809</u>
	<u>\$ 854,262</u>	<u>\$ 427,121</u>	<u>\$ 1,595,980</u>	<u>\$ 799,160</u>

## 25. INCOME TAX

a. Income tax recognized in profit or loss

Major components of income tax expense were as follows:

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Current tax				
In respect of the current period	\$ 1,054,211	\$ 864,302	\$ 1,453,550	\$ 1,454,312
Adjustments for prior periods	<u>25,525</u>	<u>10,207</u>	<u>25,908</u>	<u>(112,793)</u>
	<u>1,079,736</u>	<u>874,509</u>	<u>1,479,458</u>	<u>1,341,519</u>
Deferred tax				
In respect of the current period	<u>495,438</u>	<u>(368,544)</u>	<u>570,961</u>	<u>(519,949)</u>
Income tax recognized in profit or loss	<u>\$ 1,575,174</u>	<u>\$ 505,965</u>	<u>\$ 2,050,419</u>	<u>\$ 821,570</u>

b. Income tax return assessments

The information of income tax assessments for the Group is as follows:

Year	Company
2020	Taiwan Cement Corporation, Taiwan Transport & Storage Corporation, TCC Chia-Chien Green Energy Corporation
2021	TCC Investment Corporation, Ho Sheng Mining Co., Ltd., Union Cement Traders Inc., TCC Information Systems Corporation, Taiwan Cement Engineering Corporation, Tung Chen Mineral Corporation, Jin Chang Minerals Corporation, Hoping Industrial Port Corporation, HPC Power Service Corporation, Ho-Ping Power Company, E.G.C. Cement Corporation, Kuan-Ho Refractories Industry Corporation, TCC Chemical Corporation, Ta-Ho RSEA Environment Co., Ltd., Ta-Ho Maritime Corporation, TCC Sustainable Energy Investment Corporation, TCC Energy Storage Technology Corporation, TCC Green Energy Corporation, Chang-Wang Wind Power Co., Ltd., TCC Yun-Kai Green Energy Corporation, TCC Lien-Hsin Green Energy Corporation, TCC Chang-Ho Green Energy Corporation, TCC Kao-Cheng Green Energy Corporation, TCC Nan-Chung Green Energy Corporation, Chia-Ho Green Energy Corporation, TCC Ping-Chih Green Energy Corporation, TCC Tung-Li Green Energy Corporation, Feng Sheng Enterprise Company Limited, Tuo Shan Recycle Technology Company, Molie Quantum Energy Corporation, TCC Recycle Energy Technology Company, E-One Moli Energy Corp., Tai-Jie Transport & Storage Corporation

**26. EARNINGS (LOSS) PER SHARE**

Unit: NT\$ Per Share

	For the Three Months Ended		For the Six Months Ended	
	June 30		June 30	
	2023	2022	2023	2022
Basic earnings (loss) per share	<u>\$ 0.45</u>	<u>\$ (0.02)</u>	<u>\$ 0.64</u>	<u>\$ 0.16</u>
Diluted earnings (loss) per share	<u>\$ 0.43</u>	<u>\$ (0.02)</u>	<u>\$ 0.63</u>	<u>\$ 0.16</u>

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

	For the Three Months Ended		For the Six Months Ended	
	June 30		June 30	
	2023	2022	2023	2022
Profit (loss) for the period attributable to owners of the Corporation (Note)	\$ 3,191,901	\$ (145,954)	\$ 4,599,062	\$ 1,058,190
Effect of potentially dilutive ordinary shares:				
Interest on convertible bonds	<u>69,047</u>	<u>-</u>	<u>138,095</u>	<u>-</u>
Profit (loss) used in the computation of diluted earnings per share	<u>\$ 3,260,948</u>	<u>\$ (145,954)</u>	<u>\$ 4,737,157</u>	<u>\$ 1,058,190</u>

(Continued)

	<b>For the Three Months Ended</b>		<b>For the Six Months Ended</b>	
	<b>June 30</b>		<b>June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
<u>Number of shares (in thousands)</u>				
Weighted average number of ordinary shares in the computation of basic earnings per share	\$ 7,134,101	\$ 6,730,259	\$ 7,136,475	\$ 6,729,025
Effects of potentially dilutive ordinary shares:				
Compensation of employees	411	496	1,382	1,450
Convertible bonds	<u>428,241</u>	<u>-</u>	<u>428,241</u>	<u>-</u>
Weighted average number of ordinary shares used in the computation of diluted earnings per share	<u>7,562,753</u>	<u>6,730,755</u>	<u>7,566,098</u>	<u>6,730,475</u> (Concluded)

Note: Preference share dividends of \$350,000 thousand were deducted in 2023 and 2022, respectively.

The Corporation may settle compensation paid to employees in cash or shares; therefore, the Corporation assumes that the entire amount of the compensation or bonus will be settled in shares, and the resulting potential shares will be 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.

If the outstanding convertible bonds issued by the Corporation are converted to ordinary shares and included in the calculation of diluted earnings per share from April 1, 2022 to June 30, 2022 and from January 1, 2022 to June 30, 2022, they are excluded from the computation of diluted earnings per share during the aforementioned period due to the anti-dilution effect.

## 27. SHARE-BASED PAYMENT ARRANGEMENTS

NHOA S.A., the Corporation's subsidiary, granted 542 thousand employee stock options in July 2022. Each unit of the employee stock option entitles the holder with the right to subscribe for one ordinary share of the NHOA S.A. Those who are granted with employee stock options include employees who meet specific condition, i.e., the employee must serve for 2 years or more.

The Group did not issue employee share options for the six months ended June 30, 2023. Relevant information on employee share options was as follows:

	<b>For the Six Months Ended June 30, 2023</b>	
	<b>Number of Options (In Thousands of Units)</b>	<b>Weighted- average Exercise Price (\$)</b>
Balance at January 1	542	\$ -
Options granted	<u>-</u>	-
Balance at June 30	<u>542</u>	-
Options exercisable, end of the period	<u>-</u>	-
Weighted-average fair value of options granted (NTD)	<u>\$ 329.82</u>	

Relevant information on outstanding employee share options was as follows:

	<b>June 30, 2023</b>
Remaining contractual life (in years)	1 years

The employee stock options granted by NHOA S.A. in July 2022 are priced by using the dividend discount evaluation model, and the inputs to the model are as follows:

	<b>Employee Share Options Granted for the Year Ended December 31, 2022</b>
Share price on grant date (NTD)	\$ 343.56
Discount rate of forfeiture risk	2%

The compensation cost was recognized in the amount of \$22,138 thousand and \$43,843 thousand for the three months ended in June 30, 2023 and six months ended in June 30, 2023, respectively.

## 28. BUSINESS COMBINATIONS

### a. Subsidiaries acquired

Subsidiary	Principal Activity	Date of Acquisition	Proportion of Voting Equity Interests Acquired (%)	Consideration Transferred
ATLANTE INFRA PORTUGAL S.A.	Renewable energy and charging equipment	February 9, 2023	100	<u>\$ 323,633</u>
ATLANTE ITALIA S.R.L.	Renewable energy and charging equipment	May 29, 2023	100	<u>\$ 158,738</u>
123 (Guangdong) Environmental Protection Technology Co., Ltd.	Environmental protection material processing, manufacturing, and operation and related services	June 14, 2023	100	<u>\$ 27,897</u>

In order to enlarge the Group's electric vehicle infrastructure deployment in Portugal, ATLANTE S.R.L. announced on December 15, 2022 that it intends to acquire 100% equity of the charging station construction department spun-off from Kilometer Low Cost, S.A., divided into two phases: (i) 60% of the equity of Kilometer Low Cost, S.A. will be acquired first, and (ii) ATLANTE S.R.L. is planning to acquire the remaining 40% of the equity in 2024 according to the agreement, in the consideration between EUR1,700 thousand and EUR6,700 thousand, depending on the operation performance of Kilometer Low Cost, S.A. for 2023. The consideration estimated by the Group as of the end of June 2023 is \$149,307 thousand, and the company name of Kilometer Low Cost, S.A. has been changed to ATLANTE INFRA PORTUGAL S.A.

In order to enlarge the Group's electric vehicle infrastructure deployment in Italy, ATLANTE S.R.L. has completed the 100% equity acquisition of RESSOLAR CHARGING S.R.L. in May 2023, and the company name of RESSOLAR CHARGING S.R.L. has changed to ATLANTE ITALIA S.R.L.

In order to enlarge the Group's environmental protection business. TCC (Guangdon) Renewable Resources Technology Company Limited has completed the 100% equity acquisition of 123 (Guangdong) Environmental Protection Technology Co., Ltd in June 2023.

### b. Consideration transferred

	ATLANTE INFRA PORTUGAL S.A.	ATLANTE ITALIA S.R.L.	123 (Guangdong) Environmental Protection Technology Co., Ltd.
Cash	\$ 174,326	\$ 158,738	\$ 9,657
Contingent consideration agreement (included in other payables)	<u>149,307</u>	<u>-</u>	<u>18,240</u>
Total	<u>\$ 323,633</u>	<u>\$ 158,738</u>	<u>\$ 27,897</u>

c. Assets acquired and liabilities assumed at the date of acquisition

	<b>ATLANTE INFRA PORTUGAL S.A.</b>	<b>ATLANTE ITALIA S.R.L.</b>	<b>123 (Guangdong) Environmental Protection Technology Co., Ltd.</b>
Current assets			
Cash and cash equivalents	\$ 60,914	\$ -	\$ -
Account receivables	11,849	2,419	-
Other current assets	51,179	6,163	6,633
Non-current assets			
Property, plant and equipment	108,333	79,234	-
Intangible assets	72,645	-	-
Other non-current assets	600	168	-
Current liabilities			
Accounts payables and other payables	(108,211)	(7,634)	(12,497)
Other current liabilities	(63,757)	(23,980)	-
Non-current liabilities			
Long-term borrowings	(87,235)	-	-
Other non-current liabilities	<u>(665)</u>	<u>-</u>	<u>-</u>
Net assets acquired (liabilities assumed)	<u>\$ 45,652</u>	<u>\$ 56,370</u>	<u>\$ (5,864)</u>

A tentative set of accounting principle was applied in the acquisition of ATLANTE INFRA PORTUGAL S.A.、ATLANTE ITALIA S.R.L. and 123 (Guangdong) Environmental Protection Technology Co., Ltd.

d. Goodwill recognized on acquisitions

	<b>ATLANTE INFRA PORTUGAL S.A.</b>	<b>ATLANTE ITALIA S.R.L.</b>	<b>123 (Guangdong) Environmental Protection Technology Co., Ltd.</b>
Consideration transferred	\$ 323,633	\$ 158,738	\$ 27,897
Fair value of identifiable net assets acquired	<u>(45,652)</u>	<u>(56,370)</u>	<u>5,864</u>
Goodwill recognized on acquisitions	<u>\$ 277,981</u>	<u>\$ 102,368</u>	<u>\$ 33,761</u>

As of June 30, 2023, the Group had not finished identifying the difference between the investment cost and net fair value of identifiable assets acquired and liabilities assumed of the aforementioned target companies. Hence, the difference is tentatively recognized under the entry of intangible asset-goodwill.

e. Net cash outflow (inflow) on the acquisition of subsidiaries

	<b>ATLANTE INFRA PORTUGAL S.A.</b>	<b>ATLANTE ITALIA S.R.L.</b>	<b>123 (Guangdong) Environmental Protection Technology Co., Ltd.</b>
Consideration paid in cash	\$ 174,326	\$ 158,738	\$ 9,657
Less: Outstanding cash and cash equivalent balances acquired	<u>(60,914)</u>	<u>-</u>	<u>-</u>
	<u>\$ 113,412</u>	<u>\$ 158,738</u>	<u>\$ 9,657</u>

f. The financial results of the acquirees since the acquisition dates were as follows:

	<b>ATLANTE INFRA PORTUGAL</b>	<b>ATLANTE ITALIA S.R.L.</b>	<b>123 (Guangdong) Environmental Protection Technology Co., Ltd.</b>
Operating revenue	<u>\$ 13,865</u>	<u>\$ 522</u>	<u>\$ -</u>
Net loss	<u>\$ (15,052)</u>	<u>\$ (574)</u>	<u>\$ -</u>

Had the merger and acquisition of such corporations occurred on January 1, 2023, the Group's revenue would have been \$27,668,978 thousand and \$53,968,983 thousand for the three months ended in June 30, 2023 and six months ended in June 30, 2023, respectively, and the profit would have been \$4,199,268 thousand and \$5,201,029 thousand for the three months ended in June 30, 2023 and six months ended in June 30, 2023, This amount do not reflect the revenue and results of operations of the Group that actually would have been achieved if the merger and acquisition had been completed at the beginning of the year of merger and acquisition, nor shall it be used as a projection of future operating results.

## 29. EQUITY TRANSACTIONS WITH NON-CONTROLLING INTERESTS

For the six months ended June 30, 2023

- a. During the six months ended June 30, 2023, the Group acquired a portion of the shares of Ta-Ho Maritime Corporation, and the proportion of ownership was 94.0%.

<u>Acquirer</u>	<b>Taiwan Transport &amp; Storage Corporation</b>
<b>Acquiree</b>	<b>Ta-Ho Maritime Corporation</b>
Cash consideration paid	\$ (786)
The proportionate share of subsidiaries' net assets carrying amount transferred from non-controlling interests	<u>823</u>
Differences from equity transactions	<u>\$ 37</u>
<u>Line items adjusted for equity transactions</u>	
Capital surplus - difference between the consideration and the carrying amount of subsidiaries' net assets during actual acquisitions or disposals	<u>\$ 37</u>

- b. During the six months ended June 30, 2023, the Group acquired a portion of the shares of TCC Recycle Energy Technology Company, and the proportion of ownership was 77.9%.

<u>Acquirer</u>	<b>Taiwan Cement Corporation</b>
<b>Acquiree</b>	<b>TCC Recycle Energy Technology Company</b>
Cash consideration paid	\$ (6,056)
The proportionate share of subsidiaries' net assets carrying amount transferred from non-controlling interests	<u>5,818</u>
Differences from equity transactions	<u>\$ (238)</u>
<u>Line items adjusted for equity transactions</u>	
Capital Surplus - difference between the consideration and the carrying amount of subsidiaries net assets during actual acquisitions or disposals	\$ (37)
Unappropriated earnings	<u>(201)</u>
	<u>\$ (238)</u>

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

For the six months ended June 30, 2022

- During the six months ended June 30, 2022, the Group acquired a portion of the shares of TCC Recycle Energy Technology Company, and the proportion of ownership was 63.3%.

<u>Acquirer</u>	<b>Taiwan Cement Corporation</b>
<u>Acquiree</u>	<b>TCC Recycle Energy Technology Company</b>
Cash consideration paid	\$ (2,708)
The proportionate share of subsidiaries' net assets carrying amount transferred from non-controlling interests	<u>2,602</u>
Differences from equity transactions	<u>\$ (106)</u>
<u>Line items adjusted for equity transactions</u>	
Unappropriated earnings	<u>\$ (106)</u>

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

### 30. CASH FLOWS INFORMATION

Changes in liabilities arising from financing activities:

For the six months ended June 30, 2023

	<b>Opening Balance</b>	<b>Cash Flows</b>	<b>Acquisition of Subsidiaries</b>	<b>Effect of Exchange Rate</b>	<b>Closing Balance</b>
Short-term borrowings	\$ 22,416,812	\$ (2,841,629)	\$ -	\$ (6,579)	\$ 19,568,604
Long-term borrowings (including expired within a year)	<u>43,591,128</u>	<u>(14,957,427)</u>	<u>87,235</u>	<u>(70,430)</u>	<u>28,650,506</u>
	<u>\$ 66,007,940</u>	<u>\$(17,799,056)</u>	<u>\$ 87,235</u>	<u>\$ (77,009)</u>	<u>\$ 48,219,110</u>

For the six months ended June 30, 2022

	<b>Opening Balance</b>	<b>Cash Flows</b>	<b>Effect of Exchange Rate</b>	<b>Closing Balance</b>
Short-term borrowings	\$ 48,440,514	\$ 34,444	\$ 329,616	\$ 48,804,574
Long-term borrowings (including expired within a year)	<u>23,787,253</u>	<u>1,883,221</u>	<u>168,604</u>	<u>25,839,078</u>
	<u>\$ 72,227,767</u>	<u>\$ 1,917,665</u>	<u>\$ 498,220</u>	<u>\$ 74,643,652</u>

### 31. 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.

### 32. FINANCIAL INSTRUMENTS

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

Except for those listed in the table below, the Group considers that the carrying amount of financial instruments not measured at fair value in the consolidated financial statements approximates fair value.

June 30, 2023

	Carrying Amount	Fair Value			Total
		Level 1	Level 2	Level 3	
<u>Financial liabilities</u>					
Financial liabilities at amortized cost					
Convertible bonds payable	<u>\$ 20,960,368</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 21,036,720</u>	<u>\$ 21,036,720</u>

December 31, 2022

	Carrying Amount	Fair Value			Total
		Level 1	Level 2	Level 3	
<u>Financial liabilities</u>					
Financial liabilities at amortized cost					
Convertible bonds payable	<u>\$ 20,785,447</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 20,734,800</u>	<u>\$ 20,734,800</u>

June 30, 2022

	Carrying Amount	Fair Value			Total
		Level 1	Level 2	Level 3	
<u>Financial liabilities</u>					
Financial liabilities at amortized cost					
Convertible bonds payable	<u>\$ 20,609,125</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 20,947,920</u>	<u>\$ 20,947,920</u>

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

1) Fair value hierarchy

June 30, 2023

	Level 1	Level 2	Level 3	Total
Financial assets mandatorily classified as at FVTPL				
Domestic listed shares	\$ 237,514	\$ -	\$ -	\$ 237,514
Domestic emerging market shares	103,424	-	-	103,424
Foreign government bonds	593,742	-	-	593,742
Foreign corporate bonds	<u>30,073</u>	<u>-</u>	<u>-</u>	<u>30,073</u>
	<u>\$ 964,753</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 964,753</u>
Financial asset at FVTOCI				
Equity instrument investment				
Domestic listed shares	\$ 7,023,138	\$ -	\$ -	\$ 7,023,138
Foreign listed shares	10,186,866	-	-	10,186,866
Domestic privately placed listed shares	-	2,331,868	-	2,331,868
Domestic unlisted shares	-	-	8,391,949	8,391,949
Foreign unlisted preferred shares	-	-	280,260	280,260
Domestic convertible preference shares	<u>53,429</u>	<u>-</u>	<u>-</u>	<u>53,429</u>
	<u>\$ 17,263,433</u>	<u>\$ 2,331,868</u>	<u>\$ 8,672,209</u>	<u>\$ 28,267,510</u>
Financial liabilities at FVTPL				
Derivative instrument - redemption options and put options of convertible bond				
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 259,682</u>	<u>\$ 259,682</u>

December 31, 2022

	Level 1	Level 2	Level 3	Total
Financial assets mandatorily classified as at FVTPL				
Domestic listed shares	\$ 197,210	\$ -	\$ -	\$ 197,210
Domestic emerging market shares	95,145	-	-	95,145
Foreign government bonds	562,648	-	-	562,648
Foreign corporate bonds	<u>41,675</u>	<u>-</u>	<u>-</u>	<u>41,675</u>
	<u>\$ 896,678</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 896,678</u>

(Continued)

	Level 1	Level 2	Level 3	Total
Financial assets at FVTOCI				
Equity instrument investment				
Domestic listed shares	\$ 5,883,584	\$ -	\$ -	\$ 5,883,584
Foreign listed shares	13,412,634	-	-	13,412,634
Domestic privately placed listed shares	-	1,030,300	-	1,030,300
Domestic unlisted shares	-	-	8,032,322	8,032,322
Foreign unlisted preferred shares	-	-	276,390	276,390
Domestic convertible preference shares	<u>51,169</u>	<u>-</u>	<u>-</u>	<u>51,169</u>
	<u>\$ 19,347,387</u>	<u>\$ 1,030,300</u>	<u>\$ 8,308,712</u>	<u>\$ 28,686,399</u>
Financial liabilities at FVTPL				
Derivative instrument - redemption options and put options of convertible bond				
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 641,522</u>	<u>\$ 641,522</u> (Concluded)

June 30, 2022

	Level 1	Level 2	Level 3	Total
Financial assets mandatorily classified as at FVTPL				
Domestic listed shares	\$ 232,446	\$ -	\$ -	\$ 232,446
Domestic emerging market shares	97,181	-	-	97,181
Foreign government bonds	519,755	-	-	519,755
Foreign beneficiary certificates	<u>47,669</u>	<u>-</u>	<u>-</u>	<u>47,669</u>
	<u>\$ 897,051</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 897,051</u>
Financial asset at FVTOCI				
Equity instrument investment				
Domestic listed shares	\$ 6,114,058	\$ -	\$ -	\$ 6,114,058
Foreign listed shares	15,962,456	-	-	15,962,456
Domestic privately placed listed shares	-	843,075	-	843,075
Domestic unlisted shares	-	-	8,629,851	8,629,851
Domestic convertible preference shares	<u>53,429</u>	<u>-</u>	<u>-</u>	<u>53,429</u>
	<u>\$ 22,129,943</u>	<u>\$ 843,075</u>	<u>\$ 8,629,851</u>	<u>\$ 31,602,869</u>
Financial liabilities at FVTPL				
Derivative instrument - redemption options and put options of convertible bond				
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 508,322</u>	<u>\$ 508,322</u>

There were no transfers between Levels 1 and 2 for the six months ended June 30, 2023 and 2022.

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

For domestic listed privately placed listed shares with no market price available as reference, their fair values are estimated using the evaluation method. The estimations and assumptions used by the Group in the evaluation method are consistent with those used by market participants in pricing the financial instruments. The relevant information is available to the Group.

The valuation method adopted by the Group is the Black-Scholes valuation model, which calculates the fair value based on the observable share price, share price volatility, risk-free interest rate, and liquidity discount at the end of the period.

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

	<b>For the Six Months Ended June 30, 2023</b>
Financial assets at FVTOCI	
Equity instrument investment	
Balance at January 1, 2023	\$ 8,308,712
Recognized in other comprehensive income	<u>363,497</u>
Balance at June 30, 2023	<u>\$ 8,672,209</u>
Financial liabilities at FVTPL	
Derivative instrument investment	
Balance at January 1, 2023	\$ 641,522
Recognized in profit	<u>(381,840)</u>
Balance at June 30, 2023	<u>\$ 259,682</u>
	<b>For the Six Months Ended June 30, 2022</b>
Financial assets at FVTOCI	
Equity instrument investment	
Balance at January 1, 2022	\$ 8,964,202
Recognized in other comprehensive loss	<u>(334,351)</u>
Balance at June 30, 2022	<u>\$ 8,629,851</u>
Financial liabilities at FVTPL	
Derivative instrument investment	
Balance at January 1, 2022	\$ 213,062
Recognized in loss	<u>295,260</u>
Balance at June 30, 2022	<u>\$ 508,322</u>

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

- a) There were no quoted prices in active markets for put options and redemption options of ECB issued by the Corporation. Hence, the fair values of options are determined using the binomial option pricing model where the unobservable input is historical volatility. An increase in historical volatility used in isolation would result in a change in an increase in the fair value. As of June 30, 2023, December 31, 2022 and June 30, 2022, the historical volatility rates used were 20.94%, 19.41% and 16.26%, respectively.
- b) 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.

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Comprehensive discount for lack of marketability and non-controlling interests	10%	10%	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:

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Comprehensive discount for lack of marketability and non-controlling interests			
1% increase	<u>\$ (20,122)</u>	<u>\$ (18,973)</u>	<u>\$ (23,572)</u>
1% decrease	<u>\$ 20,122</u>	<u>\$ 18,973</u>	<u>\$ 23,572</u>

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.

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Discount for lack of marketability	20%	20%	20%

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:

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Discount for lack of marketability			
1% increase	<u>\$ (3,927)</u>	<u>\$ (3,476)</u>	<u>\$ (3,733)</u>
1% decrease	<u>\$ 3,927</u>	<u>\$ 3,476</u>	<u>\$ 3,733</u>

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

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Discount rate	9.0%	9.1%	6.6%
Dividend growth rate	1.2%	1.6%	1.6%
Discount for lack of marketability	10.0%	10.0%	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:

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Discount for lack of marketability			
1% increase	<u>\$ (69,677)</u>	<u>\$ (67,522)</u>	<u>\$ (68,888)</u>
1% decrease	<u>\$ 69,677</u>	<u>\$ 67,522</u>	<u>\$ 68,888</u>

c. Categories of financial instruments

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
<u>Financial assets</u>			
Financial assets at FVTPL			
Financial assets mandatorily classified as at FVTPL	\$ 964,753	\$ 896,678	\$ 897,501
Financial assets measured at amortized cost (1)	162,536,654	178,584,630	179,256,329
Financial assets at FVTOCI			
Equity instruments investment	28,267,510	28,686,399	31,602,869
<u>Financial liabilities</u>			
Financial liabilities at FVTPL			
Held for trading	259,682	641,522	508,322
Financial liabilities measured at amortized cost (2)	193,079,193	201,199,749	205,647,409

- 1) The balances include financial assets measured at amortized cost, which comprise cash and cash equivalents, notes and accounts receivable (including related parties transactions), other receivables, other receivables from related parties, and finance lease receivables.
- 2) The balances include financial liabilities measured at amortized cost, which comprise short-term loans, short-term bills payable, notes and accounts payable, other payables (including related parties transactions), bonds payable (including current portion), long-term loans (including current portion), and long-term bills payable.

d. Financial risk management objectives and policies

The risk controls and hedging strategies 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 listed shares, foreign government bonds, and foreign corporate bonds. These investments were subject to fluctuations in market prices. The Group periodically evaluated the investment's performance, and no significant market risk was anticipated.

The Group signed coal purchasing contracts with the suppliers, and also purchased foreign currency bank deposit at the spot rate to avoid exchange rate exposure to its forecasted purchases. When the forecasted purchases take place, the amounts originally deferred and recognized in equity will be reclassified to the carrying amount of the materials purchased.

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 positions 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 36.

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/negative number below indicates an increase/decrease in after-tax profit or equity associated with the NTD/HKD/EUR strengthening 1% against the relevant currency.

	<b>USD Impact</b>	
	<b>For the Six Months Ended</b>	
	<b>June 30</b>	
	<b>2023</b>	<b>2022</b>
NTD	<u>\$ 8,873</u>	<u>\$ 16,755</u>
HKD	<u>\$ (135,385)</u>	<u>\$ (70,886)</u>
EUR	<u>\$ (13,272)</u>	<u>\$ (14,219)</u>

b) Interest rate risk

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

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Cash flow interest rate risk			
Financial assets	\$ 31,142,652	\$ 27,747,698	\$ 31,242,463
Financial liabilities	48,219,110	66,007,940	74,643,652

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 an increase or decrease of 50 basis points was used, which represented 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 position 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, 2023 and 2022 would increased/decreased by \$62,285 thousand and \$62,485 thousand, respectively.

For the Group's position 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, 2023 and 2022 would increased/decreased by \$96,438 thousand and \$149,287 thousand, respectively.

c) Other price risk

The Group was exposed to equity instruments and commodities price risk through its investments in equity securities, bonds and beneficiary certificates. The Group manages this exposure by maintaining a portfolio of investments with different risks.

The sensitivity analyses were based on the exposure of equity instruments/commodity prices at the end of reporting period. If equity instruments/commodities prices of financial assets at FVTPL had been 5% higher/lower, profit or loss for the six months ended June 30, 2023 and 2022 would increase/decrease by \$48,238 thousand and \$44,853 thousand, respectively. If equity prices of financial assets at FVTOCI had been 5% higher/lower, other comprehensive income (loss) for the six months ended June 30, 2023 and 2022 would increased/decreased by \$1,413,376 thousand and \$1,580,143 thousand, respectively.

## 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 Group continuously assesses the operations and financial positions of customers and monitors the collectability of accounts receivable. The Group also requires credit enhancements by bank guarantees or collaterals for certain customers or certain 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, 2023, December 31, 2022 and June 30, 2022, the amounts of unused financing facilities were \$175,599,870 thousand, \$136,077,349 thousand and \$109,298,260 thousand.

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, 2023

	<b>On Demand or Less than 1 Month</b>	<b>1-3 Months</b>	<b>3 Months to 1 Year</b>	<b>1-5 Years</b>	<b>5+ Years</b>
<u>Non-derivative financial liabilities</u>					
Non-interest bearing	\$ 155,838	\$ 27,049,538	\$ 3,543,428	\$ 191,501	\$ 21,275
Lease liabilities	58,415	76,404	449,037	1,884,855	4,472,885
Variable interest rate liabilities	825,403	17,866,421	2,379,722	27,573,073	2,264,458
Fixed interest rate liabilities	<u>-</u>	<u>2,305,542</u>	<u>37,345,970</u>	<u>30,391,020</u>	<u>62,185,000</u>
	<u>\$ 1,039,656</u>	<u>\$ 47,297,905</u>	<u>\$ 43,718,157</u>	<u>\$ 60,040,449</u>	<u>\$ 68,943,618</u>

Additional information about the maturity analysis for financial liabilities after eliminating transactions in the Group:

	<b>Less than 1 Year</b>	<b>1-5 Years</b>	<b>5-10 Years</b>	<b>10-15 Years</b>	<b>15-20 Years</b>	<b>20+ Years</b>
Non-interest bearing Lease liabilities	\$ 30,748,804	\$ 191,501	\$ 21,230	\$ -	\$ 45	\$ -
Variable interest rate liabilities	583,856	1,884,855	1,393,021	857,541	459,292	1,763,031
Fixed interest rate liabilities	21,071,546	27,573,073	303,538	272,365	1,688,555	-
	<u>39,651,512</u>	<u>30,391,020</u>	<u>40,362,720</u>	<u>21,822,280</u>	<u>-</u>	<u>-</u>
	<u>\$ 92,055,718</u>	<u>\$ 60,040,449</u>	<u>\$ 42,080,509</u>	<u>\$ 22,952,186</u>	<u>\$ 2,147,892</u>	<u>\$ 1,763,031</u>

December 31, 2022

	<b>On Demand or Less than 1 Month</b>	<b>1-3 Months</b>	<b>3 Months to 1 Year</b>	<b>1-5 Years</b>	<b>5+ Years</b>
<u>Non-derivative financial liabilities</u>					
Non-interest bearing Lease liabilities	\$ 1,094,433	\$ 21,663,628	\$ 2,402,019	\$ 246,203	\$ 3,515
Variable interest rate liabilities	104,094	55,628	374,835	1,855,313	4,463,368
Fixed interest rate liabilities	185,652	17,008,856	8,209,921	42,801,221	32,720
	<u>-</u>	<u>3,029,921</u>	<u>24,689,180</u>	<u>42,209,200</u>	<u>50,795,840</u>
	<u>\$ 1,384,179</u>	<u>\$ 41,758,033</u>	<u>\$ 35,675,955</u>	<u>\$ 87,111,937</u>	<u>\$ 55,295,443</u>

Additional information about the maturity analysis for financial liabilities after eliminating transactions in the Group:

	<b>Less than 1 Year</b>	<b>1-5 Years</b>	<b>5-10 Years</b>	<b>10-15 Years</b>	<b>15-20 Years</b>	<b>20+ Years</b>
Non-interest bearing Lease liabilities	\$ 25,160,080	\$ 246,203	\$ 3,450	\$ 20	\$ 45	\$ -
Variable interest rate liabilities	534,557	1,855,313	1,315,258	896,959	493,050	1,758,101
Fixed interest rate liabilities	25,404,429	42,801,221	32,720	-	-	-
	<u>27,719,101</u>	<u>42,209,200</u>	<u>11,305,720</u>	<u>39,490,120</u>	<u>-</u>	<u>-</u>
	<u>\$ 78,818,167</u>	<u>\$ 87,111,937</u>	<u>\$ 12,657,148</u>	<u>\$ 40,387,099</u>	<u>\$ 493,095</u>	<u>\$ 1,758,101</u>

June 30, 2022

	<b>On Demand or Less than 1 Month</b>	<b>1-3 Months</b>	<b>3 Months to 1 Year</b>	<b>1-5 Years</b>	<b>5+ Years</b>
<u>Non-derivative financial liabilities</u>					
Non-interest bearing Lease liabilities	\$ 322,667	\$ 24,967,280	\$ 5,342,291	\$ 170,080	\$ 6,720
Variable interest rate liabilities	85,530	54,059	373,292	1,749,402	4,343,413
Fixed interest rate liabilities	9,756,434	18,709,188	22,173,157	26,129,272	22,169
	<u>-</u>	<u>3,166,390</u>	<u>2,888,870</u>	<u>60,521,825</u>	<u>48,959,550</u>
	<u>\$ 10,164,631</u>	<u>\$ 46,896,917</u>	<u>\$ 30,777,610</u>	<u>\$ 88,570,579</u>	<u>\$ 53,331,852</u>

Additional information about the maturity analysis for financial liabilities after eliminating transactions in the Group:

	<b>Less than 1 Year</b>	<b>1-5 Years</b>	<b>5-10 Years</b>	<b>10-15 Years</b>	<b>15-20 Years</b>	<b>20+ Years</b>
Non-interest bearing	\$ 30,632,238	\$ 170,080	\$ 4,293	\$ 20	\$ 45	\$ 2,362
Lease liabilities	512,881	1,749,402	1,472,259	608,075	438,354	1,824,725
Variable interest rate liabilities	50,638,779	26,129,272	22,169	-	-	-
Fixed interest rate liabilities	<u>6,055,260</u>	<u>60,521,825</u>	<u>14,529,880</u>	<u>34,429,670</u>	<u>-</u>	<u>-</u>
	<u>\$ 87,839,158</u>	<u>\$ 88,570,579</u>	<u>\$ 16,028,601</u>	<u>\$ 35,037,765</u>	<u>\$ 438,399</u>	<u>\$ 1,827,087</u>

e. Transfers of financial assets

The Group transferred a portion of its banker's acceptance bills in mainland China to some of its suppliers in order to settle the trade payables to these suppliers. As the Group has transferred substantially all risks and rewards relating to these bills receivable, it derecognized the full carrying amount of the bills receivable and the associated trade payables. However, if the derecognized bills receivable are not paid at maturity, the suppliers have the right to request that the Group pays the unsettled balance; therefore, the Group still has continuing involvement in these bills receivable.

The maximum exposure to loss from the Group's continuing involvement in the derecognized bills receivable is equal to the face values of the transferred but unsettled bills receivable, and as of June 30, 2023, December 31, 2022 and June 30, 2022, the face values of these unsettled bills receivable were \$1,017,031 thousand, \$842,874 thousand and \$2,245,241 thousand, respectively. The unsettled bills receivable will be due in 6 months, 11 months and 12 months, after June 30, 2023, December 31, 2022 and June 30, 2022, respectively. Taking into consideration the credit risk of these derecognized bills receivable, the Group estimates that the fair values of its continuing involvement are not significant.

During the six months ended June 30, 2023 and 2022, the Group did not recognize gains or losses upon the transfer of the banker's acceptance bills. No gains or losses were recognized from the continuing involvement, both during the period or cumulatively.

### 33. 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. Besides information disclosed elsewhere in the other notes, details of transactions between the Group and other related parties are disclosed as follows:

a. Name of the related parties and relationships

<u>Related Party</u>	<u>Relationship with the Group</u>
Onyx Ta-Ho Waste Clearance Co., Ltd.	Subsidiary of associates
Onyx Ta-Ho Lu-Tsao Environment Co., Ltd.	Subsidiary of associates
Onyx Ta-Ho Environmental Services Co., Ltd.	Associate
Quon Hing Concrete Co., Ltd. (Quon Hing)	Associate
Prosperity Conch Cement Company Limited	Associate
Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd.	Associate
Baoshan Kungang & K. Wah Cement Construction Materials Co., Ltd. (Baoshan Kungang)	Associate

(Continued)

<b>Related Party</b>	<b>Relationship with the Group</b>
Hong Kong Concrete Co., Ltd.	Associate
International CSRC Investment Holdings Co., Ltd. (International CSRC)	Associate
Guigang Conch-TCC New Material Technology Co., Ltd.	Associate
Guangan TCC Jiuyuan Environmental Protection Technology Co., Ltd. (Guangan TCC Jiuyuan)	Joint venture
TCC Zhongrun (Anshun) Environmental Technology Co., Ltd.	Joint venture
TCC Jiuyuan (Xuyong) Environmental Technology Co., Ltd.	Joint venture
Jiangsu Environmental Resources TCC Solid Waste Disposal Co., Ltd.	Joint venture
Chia Hsin R.M.C. Corp. (Chia Hsin R.M.C.)	Management personnel in substance
The Koo Foundation	Management personnel in substance
Chia Hsin Cement Corporation (Chia Hsin Cement)	Management personnel in substance
L'Hotel de Chine Corporation	Management personnel in substance
FDC International Hotels Corporation	Management personnel in substance
China Hi-Ment Corporation (China Hi-Ment)	The Group acts as key management personnel
O-Bank Co., Ltd.	The Group acts as key management personnel
Pan Asia Corporation	The Group acts as key management personnel
CTCI Corporation	The Group acts as key management personnel
Pihong Technology Co., Ltd. (became related parties since June 2022)	The Group acts as key management personnel
Zerova Technologies Taiwan Limited.	The Group acts as key management of its parent company
Union Steel Development Corporation	The Group acts as key management of its parent company
CTCI Resources Engineering Inc.	The Group acts as key management of its parent company
CTCI Smart Engineering Inc.	The Group acts as key management of its parent company
Chinatrust Investment Co., Ltd.	Same key management personnel
Consolidated Resource Company	Same key management personnel
CSRC China (Maanshan) Corporation	Same key management personnel
CSRC China (Anshan) Corporation	Same key management personnel
Chienten Temple	Same key management personnel
China (Chongqing) Synthetic Rubber Corporation	Same key management personnel
Dr. Cecilia Koo Botanic Conservation and Environmental Protection Foundation	Same key management personnel
Hualien County Private Hoping Sustainability Charity Foundation	Same key management personnel
Continental Carbon India Ltd.	Same key management personnel
Continental Carbon Eco Technology Private Limited	Same key management personnel
Linyuan Advanced Materials Technology Co., Ltd.	Same key management personnel
Fu Pin Investment Co., Ltd.	Same key management personnel
Sing Cheng Investment Co., Ltd.	Same key management personnel
FCA AUSTRIA GMBH	Related party in substance
FCA BELGIUM S.A.	Related party in substance
FCA GERMANY A.G.	Related party in substance

(Continued)

<u>Related Party</u>	<u>Relationship with the Group</u>
FCA FRANCE	Related party in substance
GROUPE PSA ITALIA S.P.A.	Related party in substance
LEASYS RENT S.P.A.	Related party in substance
FIAT CHRYSLER AUTOMOBILES ITALY S.P.A.	Related party in substance
Fiat Chrysler Automobiles N.V.	Related party in substance
LEASYS S.P.A.	Related party in substance
PSA AUTOMOBILES S.A.	Related party in substance
MASERATI S.P.A.	Related party in substance
OPEL FRANCE	Related party in substance
ORIENTE S.P.A.	Related party in substance
LEASYS S.P.A. SUCURSAL EN ESPAÑA	Related party in substance
OPEL Automobile GmbH	Related party in substance
Stellantis & You Italia S.P.A.	Related party in substance
Stellantis & You, Sales And Services	Related party in substance
Alfa Romeo Dealers	Related party in substance
Winbond Electronics Corporation	Related party in substance

(Concluded)

b. Operating transactions

	<u>For the Three Months Ended</u>		<u>For the Six Months Ended</u>	
	<u>June 30</u>		<u>June 30</u>	
	<u>2023</u>	<u>2022</u>	<u>2023</u>	<u>2022</u>
<u>Sales</u>				
Management personnel in substance	\$ 147,978	\$ 156,656	\$ 267,612	\$ 286,750
Associates	133,714	129,919	254,409	250,613
The Group acts as key management personnel	102,690	99,033	214,662	199,024
Same key management personnel	32,492	59,124	77,584	133,898
Related party in substance	51,622	42,262	69,216	113,854
The Group acts as key management of its parent company	<u>7,563</u>	<u>783</u>	<u>20,116</u>	<u>806</u>
	<u>\$ 476,059</u>	<u>\$ 487,777</u>	<u>\$ 903,599</u>	<u>\$ 984,945</u>
<u>Purchases of goods</u>				
The Group acts as key management personnel	\$ 238,279	\$ 216,724	\$ 465,430	\$ 409,456
Management personnel in substance	11,320	9,119	21,403	18,258
Associates	12,378	8,429	18,406	19,157
Same key management personnel	123	129	229	233

(Continued)

	For the Three Months Ended June 30		For the Six Months Ended June 30	
	2023	2022	2023	2022
Related party in substance The Group acts as key management of its parent company	\$ 40,907	\$ 1,074	\$ 40,907	\$ 1,478
	<u>1,144</u>	<u>-</u>	<u>1,225</u>	<u>-</u>
	<u>\$ 304,151</u>	<u>\$ 235,475</u>	<u>\$ 547,600</u>	<u>\$ 448,582</u>
<u>Operating expenses</u>				
The Group acts as key management personnel	\$ 10,471	\$ 15,715	\$ 26,178	\$ 31,422
Management personnel in substance	9,723	7,318	16,264	10,962
Associates	308	508	617	617
Same key management personnel	-	7,000	19	7,000
Related party in substance	<u>(580)</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>\$ 19,922</u>	<u>\$ 30,541</u>	<u>\$ 43,078</u>	<u>\$ 50,001</u> (Concluded)

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

	June 30, 2023	December 31, 2022	June 30, 2022
Associates			
Quon Hing	\$ 90,606	\$ 137,255	\$ 101,179
Others	<u>26,212</u>	<u>24,044</u>	<u>13,683</u>
	<u>116,818</u>	<u>161,299</u>	<u>114,862</u>
Management personnel in substance			
Chia Hsin Cement	127,785	110,880	123,165
Others	<u>224</u>	<u>3,136</u>	<u>1,065</u>
	<u>128,009</u>	<u>114,016</u>	<u>124,230</u>
Related party in substance			
FIAT CHRYSLER AUTOMOBILES ITALY S.P.A.	42,154	815	21,062
PSA AUTOMOBILES S.A.	25,263	47,698	35,154
Others	<u>42,958</u>	<u>20,309</u>	<u>26,614</u>
	<u>110,375</u>	<u>68,822</u>	<u>82,830</u>
The Group acts as key management personnel			
Pan Asia Corporation	36,432	16,271	14,623
CTCI Corporation	36,219	88,653	32,395
China Hi-Ment	<u>16,810</u>	<u>42,072</u>	<u>20,328</u>
	<u>89,461</u>	<u>146,996</u>	<u>67,346</u>
Same key management personnel	<u>12,780</u>	<u>12,838</u>	<u>28,829</u>
The Group acts as key management of its parent company	<u>9,971</u>	<u>10,004</u>	<u>758</u>
	<u>\$ 467,414</u>	<u>\$ 513,975</u>	<u>\$ 418,855</u>

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

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
The Group acts as key management personnel	\$ 170,526	\$ 215,810	\$ 148,397
Associates	37,121	49,131	3,555
Management personnel in substance	3,507	3,730	2,786
Same key management personnel	66	161	35
Related party in substance	6	47	-
The Group acts as key management of its parent company	<u>257</u>	<u>-</u>	<u>-</u>
	<u>\$ 211,483</u>	<u>\$ 268,879</u>	<u>\$ 154,773</u>

The price and terms of the above transactions were by contracts.

c. Other receivables from related parties

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Joint ventures			
Guangan TCC Jiuyuan	\$ <u>178,141</u>	\$ <u>93,477</u>	\$ <u>55</u>
Related party in substance			
Fiat Chrysler			
Automobiles N.V.	<u>-</u>	<u>153,784</u>	<u>145,935</u>
Associates			
International CSRC	18,939	233	38,027
Baoshan Kungang	-	155,007	149,103
Others	<u>7,553</u>	<u>8,060</u>	<u>4,674</u>
	<u>26,492</u>	<u>163,300</u>	<u>191,804</u>
Others	<u>1,199</u>	<u>5,045</u>	<u>2,514</u>
	<u>\$ 205,832</u>	<u>\$ 415,606</u>	<u>\$ 340,308</u>

Other receivables from related parties above included share subscriptions receivable, dividend receivables and interest receivables.

d. Other payables to related parties

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
The Group acts as key management personnel			
CTCI Corporation	\$ <u>54,032</u>	\$ <u>334,896</u>	\$ <u>605,404</u>
The Group acts as key management of its parent company			
CTCI Smart Engineering Inc.	163,711	-	-
CTCI Resources Engineering Inc.	163,632	151,160	100,849
Others	<u>785</u>	<u>-</u>	<u>-</u>
	<u>328,128</u>	<u>151,160</u>	<u>100,849</u>

(Continued)

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Related party in substance			
FIAT CHRYSLER AUTOMOBILES			
ITALY S.P.A.	\$ 602,314	\$ 249,375	\$ 78,633
Associates	<u>3,896</u>	<u>4,018</u>	<u>4,021</u>
Management personnel in substance	<u>468</u>	<u>10,720</u>	<u>396</u>
Same key management personnel	<u>-</u>	<u>67</u>	<u>-</u>
	<u>\$ 988,838</u>	<u>\$ 750,236</u>	<u>\$ 789,303</u>
			(Concluded)

e. Acquisition of property, plant and equipment

<b>Related Party Category/Name</b>	<b>Purchase Price</b>	
	<b>For the Three Months Ended</b>	
	<b>June 30</b>	
	<b>2023</b>	<b>2022</b>
The Group acts as key management of its parent company		
CTCI Resources Engineering Inc.	\$ 404,050	\$ 71,896
CTCI Smart Engineering Inc.	779,752	1,287,000
Others	<u>830</u>	<u>-</u>
	<u>1,184,632</u>	<u>1,358,896</u>
The Group acts as key management personnel		
CTCI Corporation	42,705	570,855
Others	<u>42</u>	<u>-</u>
	<u>42,747</u>	<u>570,855</u>
	<u>\$ 1,227,379</u>	<u>\$ 1,929,751</u>

<b>Related Party Category/Name</b>	<b>Purchase Price</b>	
	<b>For the Six Months Ended</b>	
	<b>June 30</b>	
	<b>2023</b>	<b>2022</b>
The Group acts as key management of its parent company		
CTCI Resources Engineering Inc.	\$ 585,082	\$ 118,589
CTCI Smart Engineering Inc.	779,752	1,287,000
Others	<u>830</u>	<u>-</u>
	<u>1,365,664</u>	<u>1,405,589</u>
The Group acts as key management personnel		
CTCI Corporation	42,705	668,550
Others	<u>42</u>	<u>-</u>
	<u>42,747</u>	<u>668,550</u>
	<u>\$ 1,408,411</u>	<u>\$ 2,074,139</u>

f. Lease arrangements

<b>Line Item</b>	<b>Related Party Category/Name</b>	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>	
Lease liabilities	Management personnel in substance Chia Hsin R.M.C.	<u>\$ 14,308</u>	<u>\$ 16,317</u>	<u>\$ 18,622</u>	
		<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>Related Party Category</b>	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
<u>Interest expense (included in finance costs)</u>					
Management personnel in substance		<u>\$ 65</u>	<u>\$ 84</u>	<u>\$ 134</u>	<u>\$ 173</u>

The lease contracts between the Group and related parties were based on market price and general terms of payment.

g. Remuneration of key management personnel

The remuneration of directors and other key management personnel for the six months ended June 30, 2023 and 2022 was as follows:

	<b>For the Three Months Ended June 30</b>		<b>For the Six Months Ended June 30</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
Short-term employee benefits	\$ 107,922	\$ 124,977	\$ 247,328	\$ 245,917
Post-employment benefits	1,915	7,359	4,018	9,007
Share-based payment	58,127	23,466	58,127	23,466
Other long-term employee benefits	<u>3,578</u>	<u>6,806</u>	<u>7,112</u>	<u>10,213</u>
	<u>\$ 171,542</u>	<u>\$ 162,608</u>	<u>\$ 316,585</u>	<u>\$ 288,603</u>

### 34. 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:

	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
Financial assets at FVTPL (including current and non-current portion)	\$ 295,228	\$ 284,876	\$ 277,506
Financial assets at FVTOCI (including current and non-current portion)	364,700	297,990	309,400
Property, plant and equipment	5,515,485	3,014,199	3,074,295
Investments accounted for using the equity method	41,583	37,618	37,424
Investment properties	807,909	815,814	823,248
Right-of-use asset	3,575,975	-	-
Guarantee deposits (included in other non-current assets)	1,124,302	1,081,564	1,042,936
Pledged bank deposits (included in financial assets measured at amortized cost)			
Current	2,523,587	1,453,836	472,932
Non-current	1,978,290	2,101,228	2,061,298

### 35. SIGNIFICANT CONTINGENT LIABILITIES AND UNRECOGNIZED COMMITMENTS

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

<b>Name</b>	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
The Corporation	\$ 68,048	\$ 71,368	\$ 760,510
Ho-Ping Power Company	1,408,774	2,832,947	3,371,178
TCC Recycle Energy Technology Company	750,712	1,517,946	1,078,392
TCC Energy Storage Technology Corporation	152,487	-	-
Kuan-Ho Refractories Industry Corporation	-	2,056	-

b. The amounts of letters of guarantee granted and issued by the banks for the Group were as follows:

<b>Name</b>	<b>June 30, 2023</b>	<b>December 31, 2022</b>	<b>June 30, 2022</b>
The Corporation	\$ 22,120	\$ 22,120	\$ 22,120
Ho-Ping Power Company	1,148,000	1,148,000	1,148,000
TCCI (Group)	2,071,491	2,294,828	1,220,973
Taiwan Transport & Storage Corporation	29,064	28,502	28,502
TCC Recycle Energy Technology Company	94,857	94,857	12,863
TCC Dutch (Group)	4,757,380	1,262,893	-
TCC Energy Storage Technology Corporation	2,000	2,000	-

c. Ho-Ping Power Company

<b>Company Name</b>	<b>Ho-Ping Power Company</b>
Factual Background	The Fair Trade Commission fined Ho-Ping Power Company for an alleged violation of Article 14 of the Fair Trade Act.
Amount in Dispute (NT\$)	\$1,350,000 thousand
Commencement Date of Litigation	March 2013
Parties	Ho-Ping Power Company and the Fair Trade Commission
Status	<p>1) The Fair Trade Commission made a second administrative disposition in November 2013, which reduced the amount of the fine imposed on Ho-Ping Power Company to \$1,320,000 thousand.</p> <p>2) On June 30, 2015 and September 6, 2018, 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 13, 2020, the Taipei High Administrative Court in second instance also ruled that “the administrative disposition made by the Fair Trade Commission shall be dismissed” (Ref. No. 107 Nian-Du-Su-Geng-Er-Zi 116). However, the Fair Trade Commission still appealed and expressed dissatisfaction. The Supreme Administrative Court ruled on August 11, 2022 (Ref. No. 109 Nian-Du-Shang-Zi 864) that the Ho-Ping Power Company’s litigation was dismissed, to which Ho-Ping Power Company has filed to Supreme Administrative Court for retrial, and has also filed to Constitutional Court for constitutional complaint against the final court decisions and review of the constitutionality of statutes and regulations.</p> <p>3) With regard to the violation of the Fair Trade Act matter in 2014, Ho-Ping Power Company filed an administrative appeal against the Fair Trade Commission’s disposition No. 103090 of July 10, 2014, and the administrative appeal process was temporarily suspended. Now since the aforementioned administrative litigation has been determined by the Supreme Administrative Court in its judgement No.109 Nian-Du-Shang-Zi 864, the Executive Yuan has dismissed this administrative appeal, and Ho-Ping Power Company has also submitted a pleading to Taipei High Administrative Court.</p> <p>4) In accordance with the accounting conservatism principle, Ho-Ping Power Company recognized relevant losses in 2012 and paid the total fine as of June 30, 2019.</p>

<b>Company Name</b>	<b>Ho-Ping Power Company</b>
Factual Background	Taiwan Power Company filed a civil litigation at the Taipei District Court.
Amount in Dispute (NT\$)	About \$1,755,216 thousand in total.
Commencement Date of Litigation	November 2015
Parties	Ho-Ping Power Company and Taiwan Power Company
Status	<p>In November 2015, Ho-Ping Power Company received a complaint of civil litigation brought by Taiwan Power Company at the Taiwan Taipei District Court based on the same ground of the aforementioned administrative litigation, and the claim amount of this case was reduced from \$5,268,000 thousand to \$1,755,216 thousand in May 2020. Taiwan Taipei District Court ruled on May 12, 2021 that the plaintiff's litigation was dismissed, and Ho-Ping Power Company has also submitted a pleading to Taipei High Administrative Court. Taipei High Administrative Court ruled on July 28, 2023 that the plaintiff's litigation was dismissed. (Ref. No. 110 Nian-Du-Chong-Su-Zi 605).</p> <p>Given such situations, Ho-Ping Power Company considered the chance of losing the litigations is remote and, therefore, it did not recognize relevant losses.</p>

- d. The Board of Directors of Ta-Ho Maritime Corporation resolved to purchase one cement carrier from Marubeni Corporation on April 11, 2022. The aggregate purchase amount is not exceeding US\$50,000 thousand.
- e. On May 12, 2020, the Board of Directors of TCC (Hangzhou) Environment Protection Technology Co., Ltd., the Group's subsidiary, resolved to outsource construction project and invite tender. The contract has been signed on October 30, 2020 and the total amount is RMB 566,888 thousand. On September 15, 2022, the Board of Directors of TCC (Hangzhou) Environmental Technology Co., Ltd. resolved on the headquarters curtain wall construction with the total amount of RMB 256,000 thousand. On May 11, 2023, the Board of Directors of TCC (Hangzhou) Environmental Technology Co., Ltd. resolved to outsource the renovation construction project and invitation to tender with the total amount of RMB 216,000 thousand.
- f. The Board of Directors of Chia-Chien Green Energy Corporation, the Group's subsidiary, resolved on November 6, 2020 to build a fish-electricity symbiosis solar photovoltaic power generation system in order to enhance power generation, and contracted the fishery-electricity symbiosis EPC turnkey project to Taiyen Green Energy Co., Ltd. in the total amount of \$1,398,000 thousand. The Board of Directors of Chia-Chien Green Energy Corporation resolved on April 11, 2022, to approve the Group's energy policy investment plan, planning to invest in the construction of energy storage systems in the central region of Taiwan, with the total amount of investment of \$1,450,000 thousand.
- g. On September 27, 2021, the Board of Directors of the Corporation resolved the expansion of the DAKA Regeneration Resource Utilization Center, the original factory of the Corporation's local Commission, and entered into a contract with CTCI Resources Engineering Inc. to use the cement kiln heat to jointly dispose of waste living in Hualien County, with a total amount not exceeding \$3,450,000 thousand. On May 10, 2022, the Board of Directors of the Corporation resolved to increase the capital of \$5,500,000 thousand to TCC Green Energy Corporation. As of June 30, 2023, part of the investment has been completed.

- h. The Board of Directors of TCC Energy Storage Technology Corporation, the Group's subsidiary, resolved on September 27, 2021, to actively participate in the power trading platform and complementary services market merchandise transactions. It intended to build the large-scale energy storage systems in the Corporation's Su'ao factory, the total amount of investment is approximately \$1,500,000 thousand. Technology Corporation plans to build large-scale energy storage systems in the Corporation's Su'ao factory. TCC Energy Storage Technology Corporation signed a procuring equipment contract, including energy storage systems and maintenance services afterward for a total amount of US\$29,415 thousand with NHOA ENERGY S.R.L. on October 26, 2021. On December 2, 2022, the total amount of the contract was raised to US\$43,832 thousand. The Board of Directors of TCC Energy Storage Technology Corporation resolved on April 11, 2022 and August 10, 2022, to sign a procuring equipment contract with Samsung SDI CO., Ltd. for the construction of energy storage systems, with the total accumulated amount of approximately \$3,650,000 thousand. The Board of Directors of TCC Energy Storage Technology Corporation resolved on May 11, 2023 to build the large-scale energy storage systems in Linyuan District, Kaohsiung, with the total amount of approximately \$2,800,000 thousand.
- i. The Board of Directors of TCC Green Energy Corporation, the Group's subsidiary, resolved on September 27, 2021, to invest via an investment plan of its subsidiary, TCC Lien-Hsin Green Energy Corporation, to actively participate in the power trading platform and complementary services market merchandise transactions. It intended to build the large-scale energy storage systems in the Corporation's Ho-Ping factory, the total amount of investment is approximately \$4,000,000 thousand.
- j. The Board of Directors of Molie Quantum Energy Corporation, the Group's subsidiary, resolved on September 27, 2021 to build the plant and purchase production line equipment on the leased land in Kaohsiung Linhai Industrial Park, the total amount of investment is approximately \$12,000,000 thousand. On February 25, 2022, the total amount of investment was raised to \$18,650,000 thousand. On June 21, 2022, the total amount of investment was raised to \$19,750,000 thousand. On October 20, 2021, Molie Quantum Energy Corporation signed contracts with Ruentex Engineering & Construction Co., Ltd. for the construction of land at the Lithium battery factory site for a total amount of \$4,800,000 thousand, and signed with CTCI Smart Engineering Corporation the electrical and mechanical works of the lithium battery factory with a total amount of \$3,900,000 thousand. On April 15, 2022 and December 1, 2022, Molie Quantum Energy Corporation signed contracts with KATAOKA CORPORATION for machinery and equipment with a total amount of JPY 6,870,000 thousand and JPY 5,900,000 thousand, respectively.
- k. TCC Lien-Hsin Green Energy Corporation plans to build a large-scale energy storage system in Hualien Hoping Industrial Park. TCC Lien-Hsin Green Energy Corporation signed a procuring equipment contract, including energy storage systems and maintenance services afterward for a total amount of US\$93,205 thousand with NHOA ENERGY S.R.L. on October 26, 2021.
- l. On December 28, 2022, the Board of Directors of TCCI (HK) resolved to increase the capital of RMB 1,100,000 thousand to TCC (Hangzhou) Environmental Protection Technology Co., Ltd.
- m. On April 28, 2023, the Board of Directors of TCCIH resolved to directly or indirectly participate in funding for NHOA S.A. via TCCIH or its subsidiaries in the form of stand-alone or co-invest position, with an aggregate investment amount of not exceeding EUR 250,000 thousand.

### 36. 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, 2023

	<b>Foreign Currency (In Thousands)</b>	<b>Exchange Rate</b>	<b>Carrying Amount (In Thousands)</b>
<u>Financial assets</u>			
Monetary items			
USD	\$ 62,503	31.140 (USD:NTD)	\$ 1,946,343
USD	738,365	7.830 (USD:HKD)	22,975,271
USD	53,420	1.086 (USD:EUR)	1,961,001
Non-monetary items			
EUR	946,382	33.810 (EUR:NTD)	31,997,160
USD	60,987	31.140 (USD:NTD)	1,899,133
<u>Financial liabilities</u>			
Monetary items			
USD	194,500	7.830 (USD:HKD)	6,052,144
USD	98,120	31.140 (USD:NTD)	3,055,456

December 31, 2022

	<b>Foreign Currency (In Thousands)</b>	<b>Exchange Rate</b>	<b>Carrying Amount (In Thousands)</b>
<u>Financial assets</u>			
Monetary items			
USD	\$ 141,752	30.710 (USD:NTD)	\$ 4,353,204
USD	843,580	7.800 (USD:HKD)	25,911,726
USD	44,938	1.065 (USD:EUR)	1,566,609
Non-monetary items			
EUR	943,359	32.720 (EUR:NTD)	30,866,698
USD	62,093	30.710 (USD:NTD)	1,906,876
<u>Financial liabilities</u>			
Monetary items			
USD	312,614	7.800 (USD:HKD)	9,602,377
USD	95,516	30.710 (USD:NTD)	2,933,283

June 30, 2022

	<b>Foreign Currency (In Thousands)</b>	<b>Exchange Rate</b>	<b>Carrying Amount (In Thousands)</b>
<u>Financial assets</u>			
Monetary items			
USD	\$ 69,934	29.720 (USD:NTD)	\$ 2,078,438
USD	1,025,932	7.850 (USD:HKD)	30,506,903
USD	55,274	1.044 (USD:EUR)	1,791,087
Non-monetary items			
USD	65,591	29.720 (USD:NTD)	1,949,354
EUR	812,059	31.050 (EUR:NTD)	25,214,425
<u>Financial liabilities</u>			
Monetary items			
USD	140,403	29.720 (USD:NTD)	4,172,788
USD	727,950	7.850 (USD:HKD)	21,646,176

For the three months ended June 30, 2023 and 2022 and the six months ended June 30, 2023 and 2022, realized and unrealized net foreign exchange gains (losses) were \$(71,780) thousand, \$157,194 thousand, \$8,448 thousand and \$561,938 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.

### **37. SEPARATELY DISCLOSED ITEMS**

a. Information about significant transactions and b. 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 (Notes 7, 19 and 32)

- 10) Intercompany relationships and significant intercompany transactions (Table 9)
- 11) Information on investees (Table 7)
- c. 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
  - d. Information of major shareholders: List all shareholders with ownership of 5% or greater showing the name of the shareholder, the number of shares owned, and percentage of ownership of each shareholder (None)

### **38. SEGMENT INFORMATION**

Information reported to the chief operating decision maker for the purpose of resource allocation and assessment of segment performance focuses on the types of 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. Electricity and energy segment - power generation, energy storage and power business-related development, etc.
- c. Other segments - land and marine transportation.
  - production and sale of refractory materials.
  - others.

The Group 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.

The following was an analysis of the Group's revenue and results by reportable segments:

Segment revenue and results

	Segment Revenue		Segment Income	
	For the Six Months Ended June 30		For the Six Months Ended June 30	
	2023	2022	2023	2022
Cement segment	\$ 35,252,141	\$ 37,208,889	\$ 2,551,784	\$ 2,082,330
Electricity and energy segment	17,075,222	9,455,119	675,726	(4,142,773)
Other segments	<u>1,636,808</u>	<u>1,487,286</u>	<u>356,335</u>	<u>276,841</u>
	<u>\$ 53,964,171</u>	<u>\$ 48,151,294</u>	3,583,845	(1,783,602)
Share of profit of associates and joint ventures			2,230,881	1,464,969
Dividend income			762,223	1,635,456
Interest income			1,595,980	799,160
Net loss on disposal of property, plant and equipment			(34,258)	(19,879)
Finance costs			(1,672,670)	(1,185,382)
Foreign exchange gains, net			8,448	561,938
Administrative expenses and directors' remuneration			(49,530)	(16,454)
Net gain (loss) on financial assets and liabilities at fair value through profit and loss			434,826	(329,633)
Other income and expenses, net			<u>403,001</u>	<u>(389,212)</u>
Income before income tax			<u>\$ 7,262,746</u>	<u>\$ 737,361</u>

Segment income represented profit before tax earned by each segment without an allocation of central administrative expenses and directors' remuneration, the share of profit of associates and joint ventures, dividend income, interest income, net loss on disposal of property, plant and equipment, finance costs, net foreign exchange gains, net gain (loss) on financial assets and liabilities at fair value through profit and loss and income tax expense.

### 39. SIGNIFICANT EVENTS AFTER THE REPORTING PERIOD

In August 2023, the Board of Directors of Jingyang Industrial Limited resolved to increase the capital of RMB 107,952 thousand to Jurong TCC Environmental Protection Co., Ltd.

## TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

FINANCINGS PROVIDED TO OTHERS  
FOR THE SIX MONTHS ENDED JUNE 30, 2023  
(In Thousands of New Taiwan Dollars)

No.	Lender	Borrower	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			
1	Taiwan Transport & Storage Corporation	Tai-Jie Transport & Storage Corporation (Note 2)	Other receivables from related parties	Yes	\$ 100,000	\$ 100,000	\$ 70,000	2.32	The need for short-term financing	\$ -	Operating capital	\$ -	-	\$ -	\$ 1,118,539	\$ 1,118,539	
2	Hong Kong Cement Co., Ltd.	TCCIH (Note 2)	Other receivables from related parties	Yes	515,865	515,865	515,865	4.94	The need for short-term financing	-	Operating capital	-	-	-	1,316,630	2,633,260	
3	TCC Development Ltd.	TCCIH (Note 2)	Other receivables from related parties	Yes	290,102	290,102	290,102	3.23	The need for short-term financing	-	Operating capital	-	-	-	1,126,633	1,126,633	
4	TCCI	TCCIH (Note 2)	Other receivables from related parties	Yes	3,736,800	3,736,800	-	-	The need for short-term financing	-	Operating capital	-	-	-	114,133,136	228,266,272	
		TCC Dutch (Note 2)	Other receivables from related parties	Yes	1,692,000	1,690,500	-	-	The need for short-term financing	-	Operating capital	-	-	-	114,133,136	228,266,272	
		TCEH (Note 2)	Other receivables from related parties	Yes	676,800	676,200	-	-	The need for short-term financing	-	Operating capital	-	-	-	114,133,136	228,266,272	
5	TCEH	NHOA S.A. (Note 2)	Other receivables from related parties	Yes	541,440	540,960	540,960	4.13	The need for short-term financing	-	Operating capital	-	-	-	3,712,053	3,712,053	
		TCC Dutch (Note 2)	Other receivables from related parties	Yes	1,353,600	1,352,400	1,183,350	4.37	The need for short-term financing	-	Operating capital	-	-	-	9,280,134	18,560,267	
		ATLANTE S.R.L. (Note 2)	Other receivables from related parties	Yes	507,150	507,150	507,150	4.66	The need for short-term financing	-	Operating capital	-	-	-	9,280,134	18,560,267	
		NHOA ENERGY S.R.L. (Note 2)	Other receivables from related parties	Yes	338,100	338,100	338,100	4.66	The need for short-term financing	-	Operating capital	-	-	-	9,280,134	18,560,267	
6	Yingde Dragon Mountain Cement Co., Ltd.	TCC Yingde Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	892,620	858,384	858,384	2.92	The need for short-term financing	-	Operating capital	-	-	-	15,851,107	31,702,215	
		TCC Liaoning Cement Company Limited (Note 2)	Other receivables from related parties	Yes	1,017,587	978,558	772,546	3.05	The need for short-term financing	-	Operating capital	-	-	-	15,851,107	31,702,215	
		TCC (Gui Gang) Cement Ltd. (Note 2)	Other receivables from related parties	Yes	7,587,270	7,296,264	5,794,092	2.74-3.05	The need for short-term financing	-	Operating capital	-	-	-	15,851,107	31,702,215	
7	TCC (Gui Gang) Cement Ltd.	Guigang TCC DongYuan Environmental Technology Company Limited (Note 2)	Other receivables from related parties	Yes	133,893	128,758	-	-	The need for short-term financing	-	Operating capital	-	-	-	23,148,140	46,296,280	
		TCC Huaying Cement Company Limited (Note 2)	Other receivables from related parties	Yes	1,285,373	1,236,073	-	-	The need for short-term financing	-	Operating capital	-	-	-	23,148,140	46,296,280	
		TCC (Hangzhou) Recycle Resource Technology Limited (Note 2)	Other receivables from related parties	Yes	44,631	42,919	-	-	The need for short-term financing	-	Operating capital	-	-	-	23,148,140	46,296,280	
		TCC Anshun Cement Company Limited (Note 2)	Other receivables from related parties	Yes	446,310	429,192	-	-	The need for short-term financing	-	Operating capital	-	-	-	23,148,140	46,296,280	
		TCC Huaihua Cement Company Limited (Note 2)	Other receivables from related parties	Yes	892,620	858,384	-	-	The need for short-term financing	-	Operating capital	-	-	-	23,148,140	46,296,280	
		TCC Jingzhou Cement Company Limited (Note 2)	Other receivables from related parties	Yes	669,465	643,788	429,192	3.10	The need for short-term financing	-	Operating capital	-	-	-	23,148,140	46,296,280	
		Guizhou Kong On Cement Company Limited (Note 2)	Other receivables from related parties	Yes	290,102	278,975	-	-	The need for short-term financing	-	Operating capital	-	-	-	23,148,140	46,296,280	
		Scitus Naxi Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	446,310	429,192	-	-	The need for short-term financing	-	Operating capital	-	-	-	23,148,140	46,296,280	
		TCC Yingde Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	1,338,930	1,287,576	1,287,576	3.48	The need for short-term financing	-	Operating capital	-	-	-	23,148,140	46,296,280	
8	TCC Yingde Cement Co., Ltd.	TCC Yongren (Hangzhou) Environmental Protection Technology Co., Ltd. (Note 2)	Other receivables from related parties	Yes	89,262	85,838	15,022	3.48	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		TCC Yongren (Hangzhou) Renewable Resources Development Co., Ltd. (Note 2)	Other receivables from related parties	Yes	44,631	42,919	2,146	3.48	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	

(Continued)

No.	Lender	Borrower	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			
		Beijing TCC Environment Technology Co., Ltd. (Note 2)	Other receivables from related parties	Yes	\$ 178,524	\$ 171,677	\$ 118,028	3.10-3.48	The need for short-term financing	\$ -	Operating capital	\$ -	-	\$ -	\$ 30,800,679	\$ 61,601,358	
		TCC (Hangzhou) Environmental Protection Technology Co., Ltd. (Note 2)	Other receivables from related parties	Yes	3,052,760	2,935,673	-	-	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		Jin Yu TCC (Dai Xian) Environmental Protection Technology Co., Ltd. (Note 2)	Other receivables from related parties	Yes	132,108	127,041	127,041	3.65	The need for short-term financing	-	Operating capital	-	-	-	12,320,272	12,320,272	
		Scitus Luzhou Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	803,358	772,546	-	-	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		Scitus Naxi Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	223,155	214,596	-	-	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		Guizhou Kong On Cement Company Limited (Note 2)	Other receivables from related parties	Yes	446,310	429,192	42,919	3.10	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		TCC Liaoning Cement Company Limited (Note 2)	Other receivables from related parties	Yes	223,155	214,596	42,919	3.10	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		TCC Shaoguan Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	5,240,083	5,039,102	4,721,112	3.10-3.48	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		TCC Anshun Cement Company Limited (Note 2)	Other receivables from related parties	Yes	888,792	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		Guangan Changxing Cement Company Ltd. (Note 2)	Other receivables from related parties	Yes	888,792	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		TCC Huaihua Cement Company Limited (Note 2)	Other receivables from related parties	Yes	892,620	858,384	515,030	3.10	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		TCC Jingzhou Cement Company Limited (Note 2)	Other receivables from related parties	Yes	223,155	214,596	-	-	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		TCC Chongqing Cement Company Limited (Note 2)	Other receivables from related parties	Yes	446,310	429,192	-	-	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
		Guizhou Kaili Rui An Jian Cai Co., Ltd. (Note 2)	Other receivables from related parties	Yes	669,465	643,788	-	-	The need for short-term financing	-	Operating capital	-	-	-	30,800,679	61,601,358	
9	TCC Fuzhou Cement Co., Ltd.	TCC Liaoning Cement Company Limited (Note 2)	Other receivables from related parties	Yes	308,739	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	907,000	2,720,999	
		Guizhou Kaili Rui An Jian Cai Co., Ltd. (Note 2)	Other receivables from related parties	Yes	223,155	214,596	-	-	The need for short-term financing	-	Operating capital	-	-	-	907,000	2,720,999	
10	TCCIH	TCC Yingde Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	217,283	208,950	203,439	-	The need for short-term financing	-	Operating capital	-	-	-	181,967,495	363,934,989	
11	Prime York Ltd.	Upper Value Investment Limited (Note 2)	Other receivables from related parties	Yes	202,674	202,674	202,674	-	The need for short-term financing	-	Operating capital	-	-	-	2,983,070	5,966,139	
12	Jurong TCC Cement Co., Ltd.	TCC Huaihua Cement Company Limited (Note 2)	Other receivables from related parties	Yes	1,338,930	1,287,576	506,447	3.10	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		TCC Huaihua Concrete Company Limited (Note 2)	Other receivables from related parties	Yes	133,893	128,758	63,950	3.10-3.48	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		Guizhou Kong On Cement Company Limited (Note 2)	Other receivables from related parties	Yes	401,679	386,273	386,273	3.48	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		Kaili TCC Environment Technology Co., Ltd. (Note 2)	Other receivables from related parties	Yes	401,679	386,273	206,012	3.10-3.48	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		TCC Anshun Cement Company Limited (Note 2)	Other receivables from related parties	Yes	888,792	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		TCC Chongqing Cement Company Limited (Note 2)	Other receivables from related parties	Yes	882,112	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		Guangan Changxing Cement Company Ltd. (Note 2)	Other receivables from related parties	Yes	444,396	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		TCC Liaoning Cement Company Limited (Note 2)	Other receivables from related parties	Yes	312,417	300,434	-	-	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		TCC Yingde Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	446,310	429,192	-	-	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		Scitus Luzhou Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	669,465	643,788	-	-	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		Scitus Naxi Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	196,376	188,844	188,844	3.48	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	
		TCC Jingzhou Cement Company Limited (Note 2)	Other receivables from related parties	Yes	171,677	171,677	-	-	The need for short-term financing	-	Operating capital	-	-	-	19,320,728	38,641,455	

(Continued)

No.	Lender	Borrower	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			
13	TCC Anshun Cement Company Limited	Anshun Xin Tai Construction Materials Company Limited (Note 2)	Other receivables from related parties	Yes	\$ 89,262	\$ 85,838	\$ -	-	The need for short-term financing	\$ -	Operating capital	\$ -	-	\$ -	\$ 7,360,923	\$ 14,721,845	
		Guizhou Kong On Cement Company Limited (Note 2)	Other receivables from related parties	Yes	264,634	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	7,360,923	14,721,845	
		Scitus Luzhou Concrete Co., Ltd. (Note 2)	Other receivables from related parties	Yes	133,893	128,758	-	-	The need for short-term financing	-	Operating capital	-	-	-	7,360,923	14,721,845	
		Guizhou Kaili Rui An Jian Cai Co., Ltd. (Note 2)	Other receivables from related parties	Yes	133,893	128,758	-	-	The need for short-term financing	-	Operating capital	-	-	-	7,360,923	14,721,845	
		Scitus Luzhou Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	133,893	128,758	-	-	The need for short-term financing	-	Operating capital	-	-	-	7,360,923	14,721,845	
		TCC Chongqing Cement Company Limited (Note 2)	Other receivables from related parties	Yes	892,620	858,384	-	-	The need for short-term financing	-	Operating capital	-	-	-	7,360,923	14,721,845	
		TCC Huaihua Cement Company Limited (Note 2)	Other receivables from related parties	Yes	669,465	643,788	257,515	3.48	The need for short-term financing	-	Operating capital	-	-	-	7,360,923	14,721,845	
		TCC Zhongrun (Anshun) Environmental Technology Co., Ltd.	Other receivables from related parties	Yes	89,262	85,838	-	-	The need for short-term financing	-	Operating capital	-	-	-	2,944,369	2,944,369	
14	Guangan Changxing Cement Company Ltd.	Guangan TCC Jiuyuan Environmental Protection Technology Co., Ltd.	Other receivables from related parties	Yes	267,786	257,515	175,754	3.65	The need for short-term financing	-	Operating capital	-	-	-	2,535,143	2,535,143	
		TCC Huaying Cement Company Limited (Note 2)	Other receivables from related parties	Yes	446,310	429,192	-	-	The need for short-term financing	-	Operating capital	-	-	-	6,337,856	12,675,713	
		Scitus Luzhou Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	133,893	128,758	-	-	The need for short-term financing	-	Operating capital	-	-	-	6,337,856	12,675,713	
		TCC Huaihua Cement Company Limited (Note 2)	Other receivables from related parties	Yes	669,465	643,788	493,571	3.10	The need for short-term financing	-	Operating capital	-	-	-	6,337,856	12,675,713	
		Kaili TCC Environment Technology Co., Ltd. (Note 2)	Other receivables from related parties	Yes	133,893	128,758	32,189	3.10-3.48	The need for short-term financing	-	Operating capital	-	-	-	6,337,856	12,675,713	
		Guizhou Kaili Rui An Jian Cai Co., Ltd. (Note 2)	Other receivables from related parties	Yes	89,262	85,838	-	-	The need for short-term financing	-	Operating capital	-	-	-	6,337,856	12,675,713	
15	TCC Chongqing Cement Company Limited	Scitus Naxi Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	133,893	128,758	42,919	3.10-3.48	The need for short-term financing	-	Operating capital	-	-	-	9,760,556	19,521,111	
		Scitus Luzhou Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	223,155	214,596	-	-	The need for short-term financing	-	Operating capital	-	-	-	9,760,556	19,521,111	
		TCC Huaying Cement Company Limited (Note 2)	Other receivables from related parties	Yes	111,578	107,298	-	-	The need for short-term financing	-	Operating capital	-	-	-	9,760,556	19,521,111	
		TCC Huaihua Cement Company Limited (Note 2)	Other receivables from related parties	Yes	892,620	858,384	849,371	3.10-3.48	The need for short-term financing	-	Operating capital	-	-	-	9,760,556	19,521,111	
		TCC Jingzhou Cement Company Limited (Note 2)	Other receivables from related parties	Yes	89,262	85,838	-	-	The need for short-term financing	-	Operating capital	-	-	-	9,760,556	19,521,111	
		Guizhou Kong On Cement Company Limited (Note 2)	Other receivables from related parties	Yes	133,893	128,758	128,758	3.10-3.48	The need for short-term financing	-	Operating capital	-	-	-	9,760,556	19,521,111	
16	TCC New (Hangzhou) Management Company Limited	Scitus Luzhou Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	89,262	85,838	-	-	The need for short-term financing	-	Operating capital	-	-	-	392,643	785,286	
		Scitus Naxi Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	195,534	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	392,643	785,286	
17	Prosperity Minerals (China) Ltd.	TCC New (Hangzhou) Management Company Limited (Note 2)	Other receivables from related parties	Yes	354,391	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	956,061	1,912,121	
18	TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	TCC Yongren (Hangzhou) Renewable Resources Technology Co., Ltd. (Note 2)	Other receivables from related parties	Yes	49,094	47,211	-	-	The need for short-term financing	-	Operating capital	-	-	-	6,900,234	13,800,468	
		TCC (Guangdong) Renewable Resources Technology Company Limited (Note 2)	Other receivables from related parties	Yes	89,262	85,838	42,919	3.48	The need for short-term financing	-	Operating capital	-	-	-	6,900,234	13,800,468	
19	Guizhou Kaili Rui An Jian Cai Co., Ltd.	Scitus Naxi Cement Co., Ltd. (Note 2)	Other receivables from related parties	Yes	133,893	128,758	-	-	The need for short-term financing	-	Operating capital	-	-	-	3,724,648	7,449,296	
		Kaili TCC Environment Technology Co., Ltd. (Note 2)	Other receivables from related parties	Yes	178,524	171,677	120,174	3.10-3.48	The need for short-term financing	-	Operating capital	-	-	-	3,724,648	7,449,296	
20	TCC Huaihua Cement Company Limited	TCC Jingzhou Cement Company Limited (Note 2)	Other receivables from related parties	Yes	89,262	85,838	-	-	The need for short-term financing	-	Operating capital	-	-	-	3,324,702	6,649,403	
21	Scitus Luzhou Cement Co., Ltd.	Guizhou Kaili Rui An Jian Cai Co., Ltd. (Note 2)	Other receivables from related parties	Yes	89,262	85,838	-	-	The need for short-term financing	-	Operating capital	-	-	-	3,612,348	7,224,696	

(Continued)

No.	Lender	Borrower	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			
22	E-One Moli Energy Corp.	E-one Moli Energy (Canada) Ltd. (Note 2)	Other receivables from related parties	Yes	\$ 167,640	\$ 140,130	\$ 140,130	4.35	The need for short-term financing	\$ -	Operating capital	\$ -	-	\$ -	\$ 5,428,301	\$ 10,856,602	
23	NHOA S.A.	NHOA CORPORATE S.R.L. (Note 2)	Other receivables from related parties	Yes	257,286	257,057	257,057	3.97	The need for short-term financing	-	Operating capital	-	-	-	789,112	789,112	
		NHOA CALLIOPE S.R.L. (Note 2)	Other receivables from related parties	Yes	674,032	524,055	524,055	3.97	The need for short-term financing	-	Operating capital	-	-	-	789,112	789,112	
24	NHOA ENERGY S.R.L.	NHOA AMERICAS LLC (Note 2)	Other receivables from related parties	Yes	30,710	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	1,677,739	3,355,478	
25	NHOA AUSTRALIA PTY LTD	NHOA ENERGY S.R.L. (Note 2)	Other receivables from related parties	Yes	169,200	169,050	-	-	The need for short-term financing	-	Operating capital	-	-	-	498,057	996,114	
		NHOA ENERGY S.R.L. (Note 2)	Other receivables from related parties	Yes	311,400	311,400	-	-	The need for short-term financing	-	Operating capital	-	-	-	498,057	996,114	
26	NHOA CORPORATE S.R.L.	FREE2MOVE ESOLUTIONS S.P.A. (Note 2)	Other receivables from related parties	Yes	253,800	253,575	253,575	4.06-4.35	The need for short-term financing	-	Operating capital	-	-	-	277,732	277,732	
27	NHOA CALLIOPE S.R.L.	ATLANTE S.R.L. (Note 2)	Other receivables from related parties	Yes	338,400	338,100	338,100	3.97-4.20	The need for short-term financing	-	Operating capital	-	-	-	505,594	1,011,188	
28	ATLANTE S.R.L.	ATLANTE FRANCE S.A.S. (Note 2)	Other receivables from related parties	Yes	152,280	152,145	152,145	3.68-3.85	The need for short-term financing	-	Operating capital	-	-	-	615,372	1,230,745	
29	TCC (Guangdong) Renewable Resources Technology Company Limited	123 (Guangdong) Environmental Protection Technology Co., Ltd. (Note 2)	Other receivables from related parties	Yes	6,695	6,438	5,756	3.10	The need for short-term financing	-	Operating capital	-	-	-	8,584	8,584	

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

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

- 1) 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.
- 2) 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.
- 3) 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 200% and 100%, respectively, 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 1,200% and 600%, 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. The aggregate and individual financing limits for TCC Development Ltd. were 200% and 200%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for NHOA S.A. were 40% and 40%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for NHOA ENERGY S.R.L. were 200% and 100%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for NHOA AUSTRALIA PTY LTD were 200% and 100%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for NHOA CALLIOPE S.R.L. were 200% and 100%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for ATLANTE S.R.L. were 200% and 100%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for Taiwan Cement Europe Holdings B.V. were 200% and 100%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for NHOA CORPORATE S.R.L. were 40% and 40%, respectively, of its net equity as stated in its latest financial statements. The aggregate and individual financing limits for TCC (Guangdong) Renewable Resources Technology Company Limited were 40% and 40%, respectively, of its net equity as stated in its latest financial statements. Furthermore, NHOA CALLIOPE S.R.L. is merged with NHOA CORPORATE S.R.L. through consolidation by merger, and NHOA CORPORATE S.R.L. would be the surviving company. This table is based on the transactions before the consolidation by merger.

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, 2023  
(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	Union Cement Traders Inc.	b	\$ 107,142,110	\$ 1,420,000	\$ 1,420,000	\$ 750,000	\$ -	0.66	\$ 214,284,220	Yes	No	No	
		TCC Investment Corporation	b	107,142,110	2,370,000	2,370,000	1,480,000	-	1.11	214,284,220	Yes	No	No	
		TCC Chemical Corporation	b	107,142,110	1,299,117	1,299,117	284,117	-	0.61	214,284,220	Yes	No	No	
		Jin Chang Minerals Corporation	b	107,142,110	31,257	31,257	31,257	31,257	0.01	214,284,220	Yes	No	No	
		Ho Sheng Mining Co., Ltd.	b	107,142,110	99,884	99,884	99,884	99,884	0.05	214,284,220	Yes	No	No	
		TCC Energy Storage Technology Corporation	b	107,142,110	1,245,600	1,245,600	1,245,600	-	0.58	214,284,220	Yes	No	No	
		TCCI	b	107,142,110	6,570,540	6,570,540	3,300,840	-	3.07	214,284,220	Yes	No	No	
1	Ho Sheng Mining Co., Ltd.	Taiwan Cement Corporation	c	1,005,298	137,964	137,964	137,964	-	41.17	1,005,298	No	Yes	No	
2	TCC Green Energy Corporation	TCC Chemical Corporation	a	13,437,112	6,117	6,117	6,117	-	0.05	13,437,112	No	No	No	
3	TCCIH	TCC Yingde Cement Co., Ltd.	b	90,983,747	545,598	249,120	-	-	0.14	181,967,495	Yes	No	Yes	
		Jurong TCC Cement Co., Ltd.	b	90,983,747	1,847,702	946,656	-	-	0.52	181,967,495	Yes	No	Yes	
		TCC Fuzhou Cement Co., Ltd.	b	90,983,747	735,088	409,018	-	-	0.22	181,967,495	Yes	No	Yes	
		TCC Liaoning Cement Company Limited	b	90,983,747	565,283	555,444	-	-	0.31	181,967,495	Yes	No	Yes	
		TCC (Gui Gang) Cement Ltd.	b	90,983,747	1,374,768	1,089,900	-	-	0.60	181,967,495	Yes	No	Yes	
		TCC Chongqing Cement Company Limited	b	90,983,747	968,890	529,380	-	-	0.29	181,967,495	Yes	No	Yes	
		Guizhou Kong On Cement Company Limited	b	90,983,747	314,514	314,514	-	-	0.17	181,967,495	Yes	No	Yes	
		Guizhou Kaili Rui An Jian Cai Co., Ltd.	b	90,983,747	311,400	311,400	-	-	0.17	181,967,495	Yes	No	Yes	
		TCC Anshun Cement Company Limited	b	90,983,747	669,465	-	-	-	-	-	181,967,495	Yes	No	Yes
4	TCC (Gui Gang) Cement Ltd.	Guigang Conch - TCC New Material Technology Co., Ltd.	f	11,574,070	133,893	-	-	-	-	23,148,140	No	No	Yes	
5	TCC Dutch	NHOA S. A.	b	20,609,048	1,124,302	1,124,302	1,124,302	1,124,302	2.73	41,218,096	Yes	No	No	
6	NHOA S. A.	NHOA AUSTRALIA PTY LTD	b	39,455,594	20,865,012	20,865,012	18,890,104	-	1,057.65	49,319,492	Yes	No	No	
		NHOA ENERGY S.R.L.	b	39,455,594	3,692,563	3,692,563	142,513	-	187.18	49,319,492	Yes	No	No	
		ATLANTE S.R.L.	b	39,455,594	3,562,043	3,558,886	515,986	-	180.40	49,319,492	Yes	No	No	
		ATLANTE IBERIA S.L.	b	39,455,594	492,741	14,395	14,395	-	0.73	49,319,492	Yes	No	No	
		NHOA AMERICAS LLC	b	39,455,594	51,439	51,439	51,439	-	2.61	49,319,492	Yes	No	No	
		NHOA UK LTD	b	39,455,594	1,232,594	1,232,594	1,232,594	-	62.48	49,319,492	Yes	No	No	
7	NHOA ENERGY S.R.L.	NHOA LATAM S.A.C.	b	33,554,780	14,897	14,897	14,897	-	0.89	41,943,476	Yes	No	No	
		NHOA AMERICAS LLC	b	33,554,780	423,487	423,487	372,048	-	25.24	41,943,476	Yes	No	No	
		NHOA UK LTD	b	33,554,780	267,784	267,784	-	-	15.96	41,943,476	Yes	No	No	
		NHOA AUSTRALIA PTY LTD	b	33,554,780	1,808,377	1,808,377	1,808,377	-	107.79	41,943,476	Yes	No	No	
8	TCC Yingde Cement Co., Ltd.	TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	d	15,400,339	12,017,376	12,017,376	1,433,501	-	39.02	30,800,679	No	No	Yes	
		TCC Shaoguan Cement Co., Ltd.	d	15,400,339	215,875	214,596	128,758	-	0.70	30,800,679	No	No	Yes	
9	Guangan Changxing Cement Company Ltd.	Guangan TCC Jiuyuan Environmental Protection Technology Co., Ltd.	b	3,168,928	279,539	279,539	-	-	4.41	6,337,856	No	No	Yes	

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

- a.
  - i. For endorsements/guarantees given by Taiwan Cement Corporation due to business transactions, 50% of the business transaction amounts in the previous year.
  - ii. Except for i, the aggregate and individual endorsements/guarantees given by Taiwan Cement Corporation were the net equity in its respective latest financial statements and 50% of the net equity in its respective latest financial statements.
- b. Ho Sheng Mining Co., Ltd. guaranteed by land lease agreement.

(Continued)

c. Jin Chang Minerals Corporation guaranteed by deposit contract.

d. NHOA S.A. guaranteed by deposit.

Note 2: Aggregate endorsement/guarantee limit was 300% of its net equity in its latest financial statements for Ho Sheng Mining Co., Ltd., and 2,500% of its net equity in its latest financial statements for NHOA S.A., and 2,500% of its net equity in its latest financial statements for NHOA ENERGY S.R.L., 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. Where a public company fulfills its contractual obligations by providing mutual endorsements/guarantees for another company in the same industry or joint builders for purposes of undertaking a construction project.
- f. Due to joint venture, all shareholders provide endorsements/guarantees to the endorsee/guarantee in proportion to its ownership.
- g. Where companies in the same industry provide among themselves joint and several securities for a performance guarantee of a sales contract for pre-construction homes pursuant to the Consumer Protection Act for each other.

(Concluded)

## TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

MARKETABLE SECURITIES HELD  
JUNE 30, 2023  
(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, 2023				Note
				Shares/Units (In Thousands)	Carrying Amount	Percentage of Ownership (%)	Fair Value	
Taiwan Cement Corporation	<u>Ordinary shares</u>							
	Chien Kuo Construction Co., Ltd.	-	FVTPL - current	7,522	\$ 107,568	-	\$ 107,568	
	Taiwan Television Enterprise, Ltd.	The Corporation serves as supervisor	FVTPL - current	13,573	103,424	-	103,424	
	Chinatrust Financial Holding Co., Ltd.	-	FVTPL - current	3,576	88,854	-	88,854	
	China Hi-Ment Corporation	The Corporation serves as director	FVTOCI - current	30,196	1,666,828	-	1,666,828	
	Taishin Financial Holding Co., Ltd.	-	FVTOCI - current	70,071	1,324,336	-	1,324,336	
	CTCI Corporation	The Corporation serves as director	FVTOCI - current	9,054	381,188	-	381,188	
	Chia Hsin Cement Corporation	Directors	FVTOCI - current	27,419	589,517	-	589,517	
	O-Bank	The Corporation serves as director	FVTOCI - current	32,809	334,649	-	334,649	
	IBT II Venture Capital Corporation	-	FVTOCI - non-current	2,626	-	8.3	-	
	Chinatrust Investment Co., Ltd.	The Corporation serves as director	FVTOCI - non-current	29,553	929,429	9.4	929,429	
	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	67,952	5,923,348	6.6	5,923,348	
	Excel Corporation	-	FVTOCI - non-current	600	-	9.5	-	
	Privately placed shares - Phihong Technology Co., Ltd.	The Corporation serves as director	FVTOCI - non-current	37,520	2,331,868	9.998	2,331,868	
		<u>Convertible preference shares</u>						
	O-Bank	The Corporation serves as director	FVTOCI - current	2,956	30,741	-	30,741	
Taiwan Transport & Storage Corporation	<u>Ordinary shares</u>							
	Chia Hsin Cement Corporation	Director of parent company	FVTOCI - current	8,632	185,578	-	185,578	
TCC Investment Corporation	<u>Ordinary shares</u>							
	O-Bank	The parent company serves as director	FVTOCI - current	24,214	246,986	-	246,986	21,000 thousand shares were pledged
	Taishin Financial Holding Co., Ltd.	-	FVTOCI - current	13,404	253,335	-	253,335	
	Chia Hsin Cement Corporation	Director of parent company	FVTOCI - current	8,334	179,179	-	179,179	7,000 thousand shares were pledged
	China Conch Venture Holdings Limited	-	FVTOCI - non-current	11,110	450,342	-	450,342	
	China Conch Environment Protection Holdings Limited	-	FVTOCI - non-current	11,110	101,106	-	101,106	
	Chinatrust Investment Co., Ltd.	The parent company serves as director	FVTOCI - non-current	10,884	342,297	3.5	342,297	
	Pan Asia Corporation	The parent company serves as supervisor	FVTOCI - non-current	1	14	-	14	
	<u>Convertible preference shares</u>							
	O-Bank	The parent company serves as director	FVTOCI - current	2,182	22,688	-	22,688	
Ta-Ho Maritime Corporation	<u>Ordinary shares</u>							
	Prosperity Dielectrics Co., Ltd.	-	FVTPL - current	951	41,092	-	41,092	
	Chia Hsin Cement Corporation	Director of parent company	FVTOCI - current	25,761	553,868	-	553,868	
	Chinatrust Investment Co., Ltd.	The parent company serves as director	FVTOCI - non-current	6,612	207,937	2.1	207,937	
TCC Chemical Corporation	<u>Ordinary shares</u>							
	Taiwan Stock Exchange Corporation	The parent company serves as director	FVTOCI - non-current	3,880	338,226	-	338,226	
Hoping Industrial Port Corporation	<u>Ordinary shares</u>							
	Chinatrust Investment Co., Ltd.	The parent company serves as director	FVTOCI - non-current	10,444	328,455	3.3	328,455	
E.G.C. Cement Corporation	<u>Ordinary shares</u>							
	Feng Yu United Engineering Company	-	FVTPL - current	137	-	0.1	-	

(Continued)

Holding Company Name	Type and Name of Marketable Securities	Relationship with the Holding Company	Financial Statement Account	June 30, 2023				Note
				Shares/Units (In Thousands)	Carrying Amount	Percentage of Ownership (%)	Fair Value	
Union Cement Traders Inc.	<u>Ordinary shares</u>							
	Taishin Financial Holding Co., Ltd.	-	FVTOCI - current	30,953	\$ 585,012	-	\$ 585,012	
	CTCI Corporation	The parent company serves as director	FVTOCI - current	13,365	562,680	-	562,680	
	Chia Hsin Cement Corporation	Director of parent company	FVTOCI - current	7,441	159,982	-	159,982	
	Videoland Inc.	-	FVTOCI - non-current	6,437	313,247	5.6	313,247	
TCCI (Group)	<u>Ordinary shares</u>							
	Anhui Conch Cement Co., Ltd.	-	FVTOCI - non-current	116,568	9,635,418	-	9,635,418	
	Yargoan Co., Ltd.	-	FVTOCI - non-current	19	-	12.5	-	
NHOA ENERGY S.R.L.	<u>Government bonds</u>							
	Buoni Poliennali Del Tes	-	FVTPL - current	-	47,636	-	47,636	
	France (GOVT OF)	-	FVTPL - current	-	73,817	-	73,817	
	Europaische Union	-	FVTPL - current	-	23,278	-	23,278	
	Italien, Republik	-	FVTPL - current	-	111,702	-	111,702	
	Spanien, Konigreich	-	FVTPL - current	-	42,081	-	42,081	
	<u>Corporate bonds</u>							
	RCI BANQUE SA	-	FVTPL - current	-	10,174	-	10,174	
	Goldman Sachs Group Inc.	-	FVTPL - current	-	7,963	-	7,963	
	Mercedes-Benz	-	FVTPL - current	-	11,936	-	11,936	
ATLANTE S.R.L.	<u>Government bonds</u>							
	Buoni Poliennali Del Tes	-	FVTPL - non-current	-	295,228	-	295,228	\$295,228 thousand were pledged
TCC Recycle Energy Technology Company	<u>Preference shares</u>							
	GROUP 14 TECHNOLOGIES, INC.	-	FVTOCI - non-current	353	280,260	0.3	280,260	

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)

## 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, 2023  
 (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 (Note 2)	
					Shares/Units (In Thousands)	Amount	Shares/Units (In Thousands)	Amount	Shares/Units (In Thousands)	Amount	Carrying Amount	Gain (Loss) on Disposal		Shares/Units (In Thousands)	Amount
TCCI (HK)	Shares TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	Investments accounted for using the equity method	-	Subsidiary	-	\$ 3,981,157	-	\$ 2,569,200	-	\$ -	\$ -	\$ -	\$ (210,530)	-	\$ 6,339,827

Note 1: Including the share of profit and loss of subsidiaries and adjustments to shareholder's equity.

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

## 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, 2023  
(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	Feng Sheng Enterprise Company Limited	Subsidiary	Sales	\$ (347,260)	(3)	30 days	\$ -	-	\$ 159,075	22	Note 2
			Purchases	101,568	1	30 days	-	-	(11,158)	(1)	Note 2
	TCCIH	Subsidiary	Service revenue	(222,642)	(2)	By contract	-	-	36,371	5	Note 2
	HKCCL	Subsidiary	Sales	(114,792)	(1)	65 days counting from the completion of shipment	-	-	-	-	Note 2
	E.G.C. Cement Corporation	Subsidiary	Sales	(369,578)	(3)	50 days after the end of the day when delivery was made	-	-	100,463	14	Note 2
	Taiwan Transport & Storage Corporation	Subsidiary	Purchases	329,025	3	30 days	-	-	(56,701)	(7)	Note 2
	Ta-Ho Maritime Corporation	Subsidiary	Purchases	934,615	10	30 days	-	-	(427,398)	(54)	Note 2
	Jin Chang Minerals Corporation	Subsidiary	Purchases	180,203	2	30 days	-	-	(10,565)	(1)	Note 2
	Hoping Industrial Port Corporation	Subsidiary	Purchases	179,559	2	20 days	-	-	(20,317)	(3)	Note 2
	Ho Sheng Mining Co., Ltd.	Subsidiary	Purchases	118,525	1	30 days	-	-	(34,616)	(4)	Note 2
	Kuan-Ho Refractories Industry Corporation	Subsidiary	Purchases	105,109	1	By contract	-	-	(48,793)	(6)	Note 2
	Chia Hsin Cement Corporation	Director of the Corporation	Sales	(265,868)	(2)	65 days after the end of the day when delivery was made	-	-	127,785	18	
	China Hi-Ment Corporation	The Corporation serves as director	Purchases	464,810	5	60 days	-	-	(170,526)	(21)	
Ho-Ping Power Company	Hoping Industrial Port Corporation	The same parent company	Purchases	586,107	5	20 days	-	-	(102,842)	(68)	Note 2
	HPC Power Service Corporation	The same parent company	Purchases	257,259	2	By contract	-	-	(42,987)	(28)	Note 2
Hoping Industrial Port Corporation	Ho-Ping Power Company	The same parent company	Sales	(586,107)	(74)	20 days	-	-	102,842	82	Note 2
	Taiwan Cement Corporation	Parent company	Sales	(179,559)	(23)	30 days	-	-	20,317	16	Note 2
	Taiwan Transport & Storage Corporation	The same parent company	Purchases	114,483	34	30 days	-	-	(19,848)	(89)	Note 2
Feng Sheng Enterprise Company Limited	Taiwan Cement Corporation	Parent company	Purchases	347,260	20	30 days	-	-	(159,075)	(100)	Note 2
			Sales	(101,568)	(5)	30 days	-	-	11,158	100	Note 2
Taiwan Transport & Storage Corporation	Taiwan Cement Corporation	Parent company	Sales	(329,025)	(47)	30 days	-	-	56,701	51	Note 2
	Hoping Industrial Port Corporation	The same parent company	Sales	(114,483)	(16)	30 days	-	-	19,848	18	Note 2
Ta-Ho Maritime Corporation	Taiwan Cement Corporation	Parent company	Freight revenue	(934,615)	(73)	30 days	-	-	427,398	100	Note 2
TCCIH	Taiwan Cement Corporation	Parent company	Service expense	222,642	100	By contract	-	-	(36,371)	(89)	Note 2
HPC Power Service Corporation	Ho-Ping Power Company	The same parent company	Sales	(257,259)	(100)	By contract	-	-	42,987	100	Note 2
TCC (Gui Gang) Cement Ltd.	TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	The same ultimate parent company	Purchases	1,012,077	44	By negotiation	-	-	(68,530)	(1)	Note 2
TCC Yingde Cement Co., Ltd.	TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	The same ultimate parent company	Purchases	2,195,986	42	By negotiation	-	-	(9,790)	-	Note 2
TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	TCC Yingde Cement Co., Ltd.	The same ultimate parent company	Sales	(2,195,986)	(61)	By negotiation	-	-	9,790	2	Note 2
	TCC (Gui Gang) Cement Ltd.	The same ultimate parent company	Sales	(1,012,077)	(28)	By negotiation	-	-	68,530	15	Note 2
	TCC Shaoguan Cement Co., Ltd.	The same ultimate parent company	Sales	(418,434)	(12)	By negotiation	-	-	156,154	33	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	Taiwan Cement Corporation	Parent company	Purchases	\$ 114,792	22	65 days counting from the completion of shipment	\$ -	-	\$ -	-	Note 2
	Quon Hing Concrete Co., Ltd.	Associate	Sales	(172,191)	(26)	By negotiation	-	-	88,440	28	
E.G.C. Cement Corporation	Taiwan Cement Corporation	Parent company	Purchases	369,578	100	50 days after the end of the day when delivery was made	-	-	(100,463)	(100)	Note 2
Jin Chang Minerals Corporation	Taiwan Cement Corporation	Parent company	Sales	(180,203)	(100)	30 days	-	-	10,565	100	Note 2
Ho Sheng Mining Co., Ltd.	Taiwan Cement Corporation	Parent company	Sales	(118,525)	(78)	30 days	-	-	34,616	96	Note 2
E-One Moli Energy Corp.	E-One Moli Energy (Canada) Ltd. Molie Quantum Energy Corporation	The same ultimate parent company	Sales	(656,953)	(29)	90 days	-	-	275,040	32	Note 2
			Sales	(263,914)	(12)	90 days	-	-	268,628	31	Note 2
E-One Moli Energy (Canada) Ltd.	E-One Moli Energy Corp.	The same ultimate parent company	Purchases	656,953	100	90 days	-	-	(275,040)	(98)	Note 2
NHOA ENERGY S.R.L.	TCC Lien-Hsin Green Energy Corporation	The same ultimate parent company	Sales	(2,555,996)	(86)	By negotiation	-	-	164,905	12	Note 2
	TCC Energy Storage Technology Corporation	The same ultimate parent company	Sales	(152,102)	(5)	By negotiation	-	-	148,197	11	Note 2
TCC Shaoguan Cement Co., Ltd.	TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	The same ultimate parent company	Purchases	418,434	51	By negotiation	-	-	(156,154)	(3)	Note 2
Kuan-Ho Refractories Industry Corporation	Taiwan Cement Corporation	Parent company	Sales	(105,109)	(21)	By contract	-	-	48,793	69	Note 2
Molie Quantum Energy Corporation	E-One Moli Energy Corp.	The same ultimate parent company	Purchases	263,914	95	90 days	-	-	(268,628)	(99)	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)

## TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

## RECEIVABLES FROM RELATED PARTIES AMOUNTING TO AT LEAST NT\$100 MILLION OR 20% OF THE SHARE CAPITAL

JUNE 30, 2023

(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	Feng Sheng Enterprise Company Limited (Note)	Subsidiary	\$ 159,075	3.9	\$ -	-	\$ 63,000	\$ -
	E.G.C. Cement Corporation (Note)	Subsidiary	100,463	7.2	-	-	64,638	-
	Chia Hsin Cement Corporation	Director of the corporation	127,785	4.5	-	-	58,485	-
E-One Moli Energy Corp.	E-One Moli Energy (Canada) Ltd. (Note)	Subsidiary	275,040	3.1	-	-	60,537	-
	Molie Quantum Energy Corporation (Note)	The same ultimate parent company	268,628	3.9	-	-	18,064	-
Ta-Ho Maritime Corporation	Taiwan Cement Corporation (Note)	Parent company	427,398	3.8	-	-	153,720	-
NHOA ENERGY S.R.L.	TCC Lien-Hsin Green Energy Corporation (Note)	The same ultimate parent company	164,905	23.5	-	-	164,905	-
	TCC Energy Storage Technology Corporation (Note)	The same ultimate parent company	148,197	4.1	-	-	148,197	-
TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	TCC Shaoguan Cement Co., Ltd. (Note)	The same ultimate parent company	156,154	5.5	-	-	80,952	-
Hoping Industrial Port Corporation	Ho-Ping Power Company (Note)	The same parent company	102,842	17.9	-	-	102,842	-

Note: All intercompany transactions have been eliminated upon consolidation.

## TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

INFORMATION ON INVESTEEES  
FOR THE SIX MONTHS ENDED JUNE 30, 2023  
(In Thousands of New Taiwan Dollars)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		As of June 30, 2023			Net Income (Loss) of the Investee	Share of Profit (Loss)	Note
				June 30, 2023	December 31, 2022	Shares/Units	%	Carrying Amount			
Taiwan Cement Corporation	TCCI	British Virgin Islands	Investment holding	\$ 33,774,761	\$ 33,774,761	1,100,875,900	100.00	\$ 109,224,219	\$ 1,080,517	\$ 1,080,517	Note
	Ho-Ping Power Company	Taiwan	Thermal power generation	6,037,720	6,037,720	805,940,306	59.50	15,373,194	1,755,473	1,044,507	Note
	Hoping Industrial Port Corporation	Taiwan	Hoping Industrial Port management	3,198,500	3,198,500	319,990,000	100.00	5,422,423	319,719	319,709	Note
	Ta-Ho Maritime Corporation	Taiwan	Marine transportation	528,506	528,506	175,078,520	64.79	3,840,095	331,636	214,858	Note
	Taiwan Transport & Storage Corporation	Taiwan	Warehousing, transportation and sale of sand and gravel	91,703	91,703	52,410,366	83.88	2,394,749	124,881	104,748	Note
	TCC Investment Corporation	Taiwan	Investment	190,000	190,000	239,800,000	100.00	3,920,683	32,705	32,705	Note
	Ho Sheng Mining Co., Ltd.	Taiwan	Mining excavation and sale of limestone	1,414,358	1,414,358	30,100,000	100.00	1,264,841	(14,558)	(14,558)	Note
	CCC USA Corp.	U.S.A.	Rubber raw materials	1,284,421	1,284,421	79,166	33.33	1,891,912	(101,570)	(33,857)	
	Taiwan Cement Engineering Corporation	Taiwan	Engineering services	320,514	320,514	59,681,501	99.20	726,326	3,213	3,878	Note
	ONYX Ta-Ho Environmental Services Co., Ltd.	Taiwan	Waste collection and treatment	72,000	72,000	58,828,112	50.00	1,414,571	565,481	282,740	
	Kuan-Ho Refractories Industry Corporation	Taiwan	Production and sale of refractory materials	181,050	181,050	46,710,900	95.29	717,902	62,058	59,135	Note
	Feng Sheng Enterprise Company Limited	Taiwan	Sale of ready-mixed concrete	250,000	250,000	27,260,611	45.43	453,797	137,861	62,636	Note
	TCC Chemical Corporation	Taiwan	Leasing property and energy technology services	1,510,842	1,510,842	140,000,000	100.00	1,373,873	37,464	37,464	Note
	TCC Information Systems Corporation	Taiwan	Information software design	71,000	71,000	14,904,000	99.36	333,264	13,319	13,233	Note
	Ta-Ho RSEA Environment Co., Ltd.	Taiwan	Waste collection and treatment	466,200	666,000	19,980,000	66.60	219,721	783	521	Note
	HKCMCL	Hong Kong	Investment holding	72,005	72,005	38,094	84.65	622,526	45,974	38,918	Note
	TCC Green Energy Corporation	Taiwan	Renewable energy generation	13,446,046	13,446,046	1,350,898,696	100.00	13,605,913	117,648	117,648	Note
	Jin Chang Minerals Corporation	Taiwan	Afforestation and sale of limestone	108,042	108,042	9,100,000	100.00	243,709	17,926	17,926	Note
	HPC Power Service Corporation	Taiwan	Business consulting	1,861	1,861	6,000	60.00	191,108	106,488	63,893	Note
	E.G.C. Cement Corporation	Taiwan	Sale of cement	184,359	184,359	8,062,600	50.64	113,494	13,597	6,886	Note
	Synpac Ltd.	British Virgin Islands	Investment	70,367	70,367	2,700,000	25.00	7,221	266	67	
	Tung Chen Mineral Corporation	Taiwan	Afforestation and sale of limestone	1,989	1,989	19,890	99.45	963	(14)	(14)	Note
	TMC	Philippines	Mining excavation	11,880	11,880	119,997	72.70	-	-	-	Note
	TPMC	Philippines	Mining excavation	2,105	2,105	19,996	40.00	-	-	-	Note
	TCCIH	Cayman Islands	Investment holding	62,167,771	62,167,771	3,471,217,785	45.47	80,512,342	652,405	296,649	Note
	International CSRC Investment Holdings Co., Ltd.	Taiwan	Investment	3,563,397	3,563,397	153,476,855	15.59	5,796,991	(340,893)	(53,130)	
	TCC Dutch	Netherlands	Investment holding	40,565,030	40,565,030	1,179,219	100.00	40,369,949	885,175	590,259	Note
	TCC Recycle Energy Technology Company	Taiwan	Investment holding	10,437,708	10,431,652	1,042,102,886	36.63	10,334,881	(567,226)	(207,672)	Note
	TCC Sustainable Energy Investment Corporation	Taiwan	Investment holding	1,000	1,000	100,000	100.00	900	1	1	Note
	TCC Energy Storage Technology Corporation	Taiwan	Energy storage equipment manufacturing, production and sales	2,506,000	2,506,000	250,600,000	100.00	2,237,028	(93,018)	(93,018)	Note
Tuo Shan Recycle Technology Company	Taiwan	Waste collection and treatment	1,000	1,000	100,000	100.00	945	2	2	Note	
Taiwan Transport & Storage Corporation	Ta-Ho Maritime Corporation	Taiwan	Marine transportation	304,221	303,435	79,089,342	29.27	1,734,711	331,636	97,030	Note
	E.G.C. Cement Corporation	Taiwan	Sale of cement	136,476	136,476	7,857,400	49.36	139,986	13,597	6,711	Note
	Tai-Jie Transport & Storage Corporation	Taiwan	Transportation	25,000	25,000	2,500,000	100.00	30,517	1,321	1,321	Note

(Continued)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		As of June 30, 2023			Net Income (Loss) of the Investee	Share of Profit (Loss)	Note
				June 30, 2023	December 31, 2022	Shares/Units	%	Carrying Amount			
TCC Investment Corporation	Union Cement Traders Inc.	Taiwan	Import and export trading	\$ 219,450	\$ 219,450	34,200,000	100.00	\$ 1,293,558	\$ (20,526)	\$ (20,526)	Note
	Ho-Ping Power Company	Taiwan	Thermal power generation	68,911	68,911	6,772,608	0.50	125,719	1,755,473	8,777	Note
	Ta-Ho Maritime Corporation	Taiwan	Marine transportation	343	343	50,634	0.02	1,111	331,636	62	Note
	International CSRC Investment Holdings Co., Ltd.	Taiwan	Investment	388,079	388,079	22,008,505	2.23	824,912	(340,893)	(7,619)	
	TCC Recycle Energy Technology Company	Taiwan	Investment holding	312,833	312,833	31,859,829	1.12	221,214	(567,226)	(6,352)	Note
Ta-Ho Maritime Corporation	Ta-Ho Maritime Holdings Ltd.	Samoa	Investment	2,129,164	2,129,164	74,300,000	100.00	7,321,290	138,409	138,409	Note
TCC Information Systems Corporation	Taicem Information (Samoa) Pte., Ltd.	Samoa	Investment	3,042	3,042	100,000	100.00	66,193	2,421	2,421	Note
	International CSRC Investment Holdings Co., Ltd.	Taiwan	Investment	49,882	49,882	2,055,473	0.21	77,083	(340,893)	(711)	
Hoping Industrial Port Corporation	TCC Recycle Energy Technology Company	Taiwan	Investment holding	112,898	112,898	11,695,699	0.41	81,208	(567,226)	(2,447)	Note
Union Cement Traders Inc.	Taiwan Transport & Storage Corporation	Taiwan	Warehousing, transportation and sale of sand and gravel	2,612	2,612	419,013	0.67	19,146	124,881	837	Note
	International CSRC Investment Holdings Co., Ltd.	Taiwan	Investment	281,806	281,806	11,463,551	1.16	429,901	(340,893)	(3,968)	
	TCC Recycle Energy Technology Company	Taiwan	Investment holding	298,046	298,046	30,702,994	1.08	213,183	(567,226)	(6,121)	Note
Ho-Ping Power Company	Ho-Ping Renewable Energy Company	Taiwan	Renewable energy generation	1,000	1,000	100,000	100.00	992	-	-	Note
TCC Green Energy Corporation	TCC Chia-Chien Green Energy Corporation	Taiwan	Renewable energy generation	3,202,000	3,202,000	320,200,000	100.00	3,187,918	63,086	63,086	Note
	TCC Yun-Kai Green Energy Corporation	Taiwan	Renewable energy generation	25,000	25,000	2,500,000	100.00	22,239	91	91	Note
	TCC Lien-Hsin Green Energy Corporation	Taiwan	Renewable energy generation	4,012,000	4,012,000	401,200,000	100.00	4,033,235	19,911	19,911	Note
	TCC Chang-Ho Green Energy Corporation	Taiwan	Renewable energy generation	2,456	2,456	245,635	100.00	2,335	(10)	(10)	Note
	TCC Kao-Cheng Green Energy Corporation	Taiwan	Renewable energy generation	82,000	82,000	8,200,000	100.00	83,203	826	826	Note
	TCC Nan-Chung Green Energy Corporation	Taiwan	Renewable energy generation	170,000	170,000	17,000,000	100.00	170,879	872	872	Note
	Chang-Wang Wind Power Co., Ltd.	Taiwan	Renewable energy generation	720,000	720,000	72,000,000	100.00	737,467	15,432	15,432	Note
	TCC Ping-Chih Green Energy Corporation	Taiwan	Renewable energy generation	2,000	2,000	200,000	100.00	1,841	(12)	(12)	Note
	Chia-Ho Green Energy Corporation	Taiwan	Renewable energy generation	3,145,000	3,145,000	314,500,000	85.00	3,121,553	15,256	12,968	Note
	TCC Tung-Li Green Energy Corporation	Taiwan	Renewable energy generation	270,000	270,000	27,000,000	100.00	221,471	(21,480)	(21,480)	Note
Ta-Ho Maritime Holdings Ltd.	THC International S.A.	Panama	Marine transportation	2,699,049	2,699,049	94,310,000	100.00	6,306,784	138,269	138,269	Note
	Ta-Ho Maritime (Hong Kong) Limited	Hong Kong	Marine transportation	141,168	141,168	5,100,000	100.00	1,019,804	17,505	17,505	Note
	Ta-Ho Maritime (Singapore) Pte. Ltd.	Singapore	Marine transportation	2,768	2,768	100,000	100.00	75,359	1,253	1,253	Note
TCC International Ltd. (Group)	Quon Hing Concrete Co., Ltd.	Hong Kong	Investment holding	157,899	157,899	100,000	50.00	289,457	145,208	72,604	
	Hong Kong Concrete Co., Ltd.	Hong Kong	Cement processing services	24,211	24,211	129,150	31.50	213,778	65,964	20,779	
	TCC Recycle Energy Technology Company	Taiwan	Investment holding	11,019,388	11,019,388	1,101,938,824	38.73	10,922,528	(567,226)	(219,686)	Note

(Continued)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		As of June 30, 2023			Net Income (Loss) of the Investee	Share of Profit (Loss)	Note
				June 30, 2023	December 31, 2022	Shares/Units	%	Carrying Amount			
TCC Recycle Energy Technology Company	E-One Moli Energy Corp.	Taiwan	Manufacturing and sales of lithium battery	\$ 27,683,427	\$ 27,683,427	2,766,310,703	100.00	\$ 26,592,785	\$ (568,254)	\$ (568,254)	Note
E-One Moli Energy Corp.	E-One Holdings Ltd.	British Virgin Islands	Investment holding	2,050,040	2,050,040	65,344,940	100.00	566,803	10,758	10,758	Note
	Molie Quantum Energy Corporation	Taiwan	Manufacturing and sales of batteries, power generation machinery, electronic components	22,001,000	22,001,000	2,200,100,000	100.00	21,692,015	(132,108)	(132,108)	Note
E-One Holdings Ltd.	E-One Moli Holdings (Canada) Ltd.	Canada	Investment holding	2,430,170	2,430,170	23,800	100.00	566,779	10,754	10,754	Note
E-One Moli Holdings (Canada) Ltd.	E-One Moli Energy (Canada) Ltd.	Canada	Battery research and development and sales	1,917,161	1,917,161	6,649,200	100.00	563,966	10,750	10,750	Note
TCC Energy Storage Technology Corporation	Energy Helper TCC Corporation	Taiwan	Renewable energy retail and energy technology services	10,000	10,000	1,000,000	100.00	10,649	(1,050)	(1,050)	Note
TCC Dutch	Cimpor Global Holdings B.V.	Netherlands	Investment holding	26,255,753	26,255,753	100,000	40.00	31,997,160	4,060,774	1,624,309	
	TCEH	Netherlands	Investment holding	10,627,883	10,627,883	75,001,000	100.00	8,792,435	(481,473)	(481,473)	Note
TCEH	NHOA S.A.	France	Investment holding	7,595,278	7,595,278	16,635,102	65.15	5,720,304	(743,077)	(517,078)	Note
NHOA S.A.	NHOA ENERGY S.R.L.	Italy	Renewable energy and energy storage system construction	1,963,292	1,963,292	2,000,000	100.00	1,474,909	(132,980)	(132,980)	Note
	ELECTRO POWER SYSTEM MANUFACTURING	Italy	Renewable energy and energy storage system construction	664,059	664,059	1,004,255	100.00	228,389	(1,157)	(1,157)	Note
	Comores Énergie Nouvelles S.A.R.L.	Union of the Comoros	Renewable energy and energy storage system construction	18,719	18,719	100	100.00	(31,128)	(9,288)	(9,288)	Note
	NHOA CALLIOPE S.R.L.	Italy	Investment holding	-	420,706	-	-	-	(299,521)	(299,521)	Note
	NHOA CORPORATE S.R.L.	Italy	Investment holding	671,676	671,676	1,000,000	100.00	(547,469)	(237,892)	(237,892)	Note
NHOA CORPORATE S.R.L.	FREE2MOVE ESOLUTIONS S.P.A.	Italy	Electric vehicle charging equipment	528,255	528,255	16,344,531	49.90	35,545	(270,588)	(135,023)	Note
NHOA ENERGY S.R.L.	NHOA AMERICAS LLC	U.S.A.	Renewable energy and energy storage system construction	274	274	10,000	100.00	(50,323)	(44,495)	(44,495)	Note
	NHOA AUSTRALIA PTY LTD	Australia	Renewable energy and energy storage system construction	505,225	505,225	25,210,000	100.00	422,550	(56,930)	(56,930)	Note
	NHOA LATAM S.A.C.	Peru	Renewable energy and energy storage system construction	23	23	2,700	90.00	8,357	12,817	11,535	Note
	NHOA Taiwan Ltd.	Taiwan	Renewable energy and energy storage system construction	8,288	-	250,000	100.00	(4,692)	(5,174)	(5,174)	Note
	NHOA UK LTD	UK	Renewable energy and energy storage system construction	3,315	-	100,000	100.00	-	-	-	Note
NHOA AMERICAS LLC	NHOA LATAM S.A.C.	Peru	Renewable energy and energy storage system construction	3	3	300	10.00	836	12,817	1,282	Note
NHOA CALLIOPE S.R.L.	ATLANTE S.R.L.	Italy	Renewable energy and charging equipment	1,316,842	896,136	5,000,000	100.00	(163,642)	(383,823)	(84,302)	Note
ATLANTE S.R.L.	ATLANTE IBERIA S.L.	Spain	Renewable energy and charging equipment	128	128	4,000	100.00	(26,603)	(46,672)	(46,672)	Note
	ATLANTE FRANCE S.A.S.	France	Renewable energy and charging equipment	3,192	3,192	100,000	100.00	(54,800)	(76,960)	(76,960)	Note
	ATLANTE INFRA PORTUGAL S.A.	Portugal	Renewable energy and charging equipment	174,326	-	84,000	100.00	18,261	(15,408)	(15,408)	Note
	ATLANTE ITALIA S.R.L.	Italy	Renewable energy and charging equipment	158,738	-	-	100.00	50,931	(4,237)	(4,237)	Note
ATLANTE IBERIA S.L.	ATLANTE Fast Charging Portugal LDA	Portugal	Renewable energy and charging equipment	131	131	1,000	100.00	3,694	(1,342)	(1,342)	Note

(Continued)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		As of June 30, 2023			Net Income (Loss) of the Investee	Share of Profit (Loss)	Note
				June 30, 2023	December 31, 2022	Shares/Units	%	Carrying Amount			
FREE2MOVE ESOLUTIONS S.P.A.	FREE2MOVE ESOLUTIONS FRANCE S.A.S.	France	Electric vehicle charging equipment	\$ 1,553	\$ 1,553	100,000	100.00	\$ (9,835)	\$ (7,280)	\$ (7,280)	Note
	FREE2MOVE ESOLUTIONS SPAIN S.L.U.	Spain	Electric vehicle charging equipment	3,126	3,126	100,000	100.00	(10,228)	(7,264)	(7,264)	Note
	FREE2MOVE ESOLUTIONS NORTH AMERICA LLC	U.S.A.	Electric vehicle charging equipment	3,071	3,071	100,000	100.00	(4,119)	47,413	47,413	Note
	FREE2MOVE ESOLUTIONS UK LTD	UK	Electric vehicle charging equipment	3,709	3,709	100,000	100.00	-	917	917	Note

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, 2023  
(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, 2023 (Note 2)	Investment Flow (Note 2)		Accumulated Outward Remittance for Investment from Taiwan as of June 30, 2023 (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, 2023 (Note 3)	Accumulated Repatriation of Investment Income as of June 30, 2023	Note
					Outflow	Inflow							
TCC Fuzhou Cement Co., Ltd.	Manufacturing and sale of cement	\$ 506,025	(b)	\$ 285,904	\$ -	\$ -	\$ 285,904	\$ (49,363)	100.00	\$ (49,363)	\$ 826,615	\$ -	Note 6
TCC Fuzhou Yangyu Port Co., Ltd.	Service of port facility	155,700	(b)	87,971	-	-	87,971	715	100.00	715	306,157	-	Note 6
TCC Liuzhou Construction Materials Company Limited	Manufacturing and sale of slag powder	420,390	(b)	100,894	-	-	100,894	(1,442)	42.00	(606)	343,661	-	Note 6
TCC Yingde Cement Co., Ltd.	Manufacturing and sale of cement	7,922,016	(b)	4,950,046	-	-	4,950,046	579,637	100.00	579,637	27,911,468	-	Note 6
Jurong TCC Cement Co., Ltd.	Manufacturing and sale of cement	7,255,620	(b)	4,234,884	-	-	4,234,884	44,333	100.00	44,333	17,738,291	-	Note 6
TCC (Gui Gang) Cement Ltd.	Manufacturing and sale of cement	10,365,756	(b)	7,414,430	-	-	7,414,430	(568,287)	100.00	(568,287)	22,080,912	-	Note 6
Jiangsu TCC Investment Co., Ltd.	Investment holding	1,557,000	(b)	879,705	-	-	879,705	(3,227)	100.00	(3,227)	3,950,259	-	Note 6
Yingde Dragon Mountain Cement Co., Ltd.	Manufacturing and sale of cement	1,833,167	(b)	3,382,835	-	-	3,382,835	382,433	100.00	382,433	15,748,633	-	Note 6
TCC Liaoning Cement Company Limited	Manufacturing and sale of cement	1,588,622	(b)	1,388,268	-	-	1,388,268	(51,156)	100.00	(51,156)	1,702,924	-	Note 6
TCC Anshun Cement Company Limited	Manufacturing and sale of cement	4,779,679	(b)	3,482,261	-	-	3,482,261	75,371	100.00	75,371	7,210,497	-	Note 6
TCC Chongqing Cement Company Limited	Manufacturing and sale of cement	3,674,520	(b)	2,656,907	-	-	2,656,907	97,550	100.00	97,550	9,541,052	-	Note 6
Guangan Changxing Cement Company Ltd.	Manufacturing and sale of cement	2,397,469	(b)	1,740,582	-	-	1,740,582	159,552	100.00	159,552	6,267,330	-	Note 6
TCC (Dong Guan) Cement Company Ltd.	Manufacturing and sale of cement	622,800	(b)	351,882	-	-	351,882	43	100.00	43	-	-	Note 6
Guizhou Kong On Cement Company Limited	Manufacturing and sale of cement	632,142	(b)	284,936	-	-	284,936	(49,618)	65.00	(32,252)	308,411	-	Note 6
TCC New (Hangzhou) Management Company Limited	Operation management	249,120	(b)	140,753	-	-	140,753	(7,078)	100.00	(7,078)	132,509	-	Note 6
Guizhou Kaili Rui An Jian Cai Co., Ltd.	Manufacturing and sale of cement	1,668,526	(b)	1,114,015	-	-	1,114,015	(60,371)	100.00	(60,371)	3,532,931	-	Note 6
TCC Shaoguan Cement Co., Ltd.	Manufacturing and sale of cement	2,151,774	(b)	2,016,315	-	-	2,016,315	(79,975)	100.00	(79,975)	1,458,013	-	Note 6
TCC Huaying Cement Company Limited	Manufacturing and sale of cement	4,067,386	(b)	3,181,759	-	-	3,181,759	(190,047)	100.00	(190,047)	3,051,140	-	Note 6
TCC Huaihua Cement Company Limited (Note 4)	Manufacturing and sale of cement	1,284,600	(b)	5,824,502	-	-	5,824,502	(239,018)	100.00	(239,018)	4,239,880	-	Note 6
TCC Jingzhou Cement Company Limited (Note 4)	Manufacturing and sale of cement	642,300	(b)	-	-	-	-	(68,402)	100.00	(68,402)	2,028,051	-	Note 6
TCC Huaihua Concrete Company Limited (Note 4)	Sale of ready-mixed concrete	42,820	(b)	-	-	-	-	(9,199)	100.00	(9,199)	8,908	-	Note 6
TCC Jiangsu Mining Industrial Company Limited	Mining excavation	124,560	(b)	389,465	-	-	389,465	21,263	100.00	21,263	411,233	-	Note 6
TCC Yingde Mining Industrial Company Limited	Mining excavation	358,110	(b)	281,744	-	-	281,744	2,950	100.00	2,950	353,953	-	Note 6
TCC Guigang Mining Industrial Company Limited	Mining excavation	155,700	(b)	134,482	-	-	134,482	2,753	100.00	2,753	389,968	-	Note 6
Scitus Naxi Cement Co., Ltd.	Manufacturing and sale of cement	627,356	(b)	-	-	-	-	(61,009)	100.00	(61,009)	422,166	-	Note 6
Scitus Luzhou Cement Co., Ltd.	Manufacturing and sale of cement	1,691,390	(b)	-	-	-	-	23,607	100.00	23,607	3,499,136	-	Note 6
Scitus Hejiang Cement Co., Ltd.	Manufacturing and sale of cement	99,557	(b)	-	-	-	-	(842)	100.00	(842)	7,793	-	Note 6
Scitus Luzhou Concrete Co., Ltd.	Sale of ready-mixed concrete	107,050	(b)	-	-	-	-	(9,552)	100.00	(9,552)	69,977	-	Note 6
Anshun Xin Tai Construction Materials Company Limited	Filtering of sand and gravel and sale of ready-mixed concrete	64,230	(b)	94,700	-	-	94,700	(3,242)	100.00	(3,242)	51,622	-	Note 6
Fuzhou TCC Information Technology Co., Ltd. (Note 5)	Software product and equipment maintenance	3,114	(b)	3,114	-	-	3,114	1,885	100.00	1,885	28,106	39,372	Note 6
Da Tong (Guigang) International Logistics Co., Ltd. (Note 5)	Logistics and transportation	155,700	(b)	-	-	-	-	17,597	100.00	17,597	1,003,704	-	Note 6
Da Tong (Ying De) Logistics Co., Ltd. (Note 5)	Logistics and transportation	21,410	(b)	-	-	-	-	3,685	100.00	3,685	145,691	-	Note 6
Guigang Da-Ho Shipping Co., Ltd. (Note 5)	Marine transportation	17,128	(b)	-	-	-	-	14,273	100.00	14,273	572,276	-	Note 6
Prosperity Conch Cement Company Limited	Manufacturing and sale of cement	2,483,560	(b)	2,268,704	-	-	2,268,704	1,010,777	25.00	252,694	8,242,270	-	
Yunnan Kungang & K. Wah Cement Construction Materials Co., Ltd.	Manufacturing and sale of cement	3,532,650	(b)	1,479,096	-	-	1,479,096	(53,062)	30.00	(12,733)	1,456,216	-	
Baoshan Kungang & K. Wah Cement Construction Materials Co., Ltd.	Manufacturing and sale of cement	1,766,668	(b)	716,245	-	-	716,245	169,533	30.00	49,098	895,542	-	
Sichuan Taichang Building Material Group Company Limited	Manufacturing and sale of cement	856,400	(b)	358,045	-	-	358,045	12,903	30.00	3,871	536,940	-	
Yingjing Xinan New material Co., Ltd.	Manufacturing and sale of cement	85,640	(b)	-	-	-	-	-	30.00	-	(164,421)	-	
Guangan Xin Tai Construction Materials Company Limited	Manufacturing and sale of concrete aggregate	66,371	(b)	48,880	-	-	48,880	-	50.00	-	-	-	
Guigang TCC Dong Yuan Environmental Technology Company Limited	Dangerous waste treatment	856,400	(b)	500,994	-	-	500,994	(16,322)	100.00	(16,322)	972,505	-	Note 6
Beijing TCC Environmental Technology Co., Ltd.	Technology development, enterprise management and sales	25,692	(b)	25,692	-	-	25,692	(9,998)	100.00	(9,998)	(112,962)	-	Note 6
TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	Environmental protection, cement and enterprise management consulting	9,805,780	(b)	7,236,580	2,569,200	-	9,805,780	12,132	100.00	12,132	9,130,946	-	Note 6
Kaili TCC Environment Technology Co., Ltd.	Waste collection and treatment	205,536	(b)	12,846	-	-	12,846	19,752	100.00	19,752	119,974	-	Note 6
TCC Jiuyuan (Xuyong) Environmental Technology Co., Ltd.	Technology development, enterprise management and sales	17,128	(b)	9,420	-	-	9,420	61	30.00	18	4,430	-	

(Continued)

Investee Company	Main Businesses and Products	Share Capital	Method of Investment (Note 1)	Accumulated Outward Remittance for Investment from Taiwan as of January 1, 2023 (Note 2)	Investment Flow (Note 2)		Accumulated Outward Remittance for Investment from Taiwan as of June 30, 2023 (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, 2023 (Note 3)	Accumulated Repatriation of Investment Income as of June 30, 2023	Note
					Outflow	Inflow							
Guangan TCC Jiuyuan Environmental Protection Technology Co., Ltd.	Technology development, enterprise management and sales	\$ 128,460	(b)	\$ -	\$ -	\$ -	\$ -	\$ (1,737)	70.00	\$ (1,216)	\$ 89,491	\$ -	
TCC (Hangzhou) Recycle Resource Technology Limited	Recycle resource technology development, business management and sales	2,397,920	(b)	-	-	-	-	20,718	100.00	20,718	2,484,055	-	Note 6
Guigang Conch-TCC New Material Technology Co., Ltd.	Technology development and service, manufacturing and sale of dedicated chemical production.	102,768	(b)	-	-	-	-	80,975	40.00	32,390	119,829	-	
Jurong TCC Environmental Co., Ltd.	Dangerous waste treatment	642,300	(b)	-	-	-	-	14,692	100.00	14,692	665,819	-	Note 6
Jin Yu TCC (Dai Xian) Environmental Protection Technology Co., Ltd.	Manufacturing and sale of cement, technology development, enterprise management and sales	1,712,800	(b)	-	-	-	-	18,548	40.00	7,419	595,436	-	
TCC Yongren (Hangzhou) Renewable Resources Technology Co., Ltd.	Resource reusing technology and development, solid waste treatment, biomass fuel processing and sales	51,384	(b)	-	-	-	-	(55)	100.00	(55)	51,328	-	Note 6
TCC Yongren (Hangzhou) Renewable Resources Development Co., Ltd.	Resource regeneration technology research and development, solid waste treatment, biomass fuel processing and sales	25,692	(b)	-	-	-	-	(743)	100.00	(743)	9,591	-	Note 6
TCC Yongren (Hangzhou) Environmental Protection Technology Co., Ltd.	Resource recycling technology consultation, biomass energy technology and fuel sales, solid waste treatment	4,282	(b)	-	-	-	-	(202)	100.00	(202)	4,032	-	Note 6
TCC Yongren (Hangzhou) Environmental Technology Co., Ltd.	Resource recycling technology consultation, solid waste treatment, biomass fuel sales	4,282	(b)	-	-	-	-	5	100.00	5	4,296	-	Note 6
TCC (Shaoguan) Environment Technology Co., Ltd.	Biomass fuel processing and sales, solid waste treatment, urban and kitchen waste treatment	4,282	(b)	-	-	-	-	-	100.00	-	4,304	-	Note 6
TCC Zhongrun (Anshun) Environmental Technology Co., Ltd.	Co-processing fly ash disposal and domestic waste fly ash in Cement Kiln	85,640	(b)	-	-	-	-	-	65.00	-	53,570	-	
TCC Zhihe (Hangzhou) Environmental Protection Co., Ltd.	Resource recycling, environmental protection, solid waste treatment, business management and sales related businesses	175,562	(b)	-	-	-	-	4,027	100.00	4,027	104,284	-	Note 6
TCC (Guangdong) Renewable Resources Technology Company Limited	Resource recycling research and experimental development, sales of renewable resources, technical services and business management	21,410	(b)	-	-	-	-	(1,256)	100.00	(1,256)	4,718	-	Note 6
Jiangsu Environmental Resources Tcc Solid Waste Disposal Co., Ltd.	Municipal solid waste operating services, various engineering construction activities and hazardous waste management	25,692	(b)	-	-	-	-	(846)	49.00	(414)	12,215	-	
123 (Guangdong) Environmental Protection Technology Co., Ltd.	Environmental protection material processing, manufacturing, production and operation and related services	25,692	(b)	-	-	-	-	-	100.00	-	(5,864)	-	Note 6

Accumulated Investment in Mainland China as of June 30, 2023	Investment Amounts Authorized by Investment Commission, MOEA	Upper Limit on Investment
\$84,364,914	\$87,331,534	(Note 7)

Note 1: The method of investments were as follows:

- Direct investment in mainland companies.
- Investments in mainland China companies were through a company invested and established in a third region.

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., Yingde Dragon Mountain Cement Co., Ltd., TCC Huaihua Cement Company Limited, TCC Shaoguan Cement Co., Ltd. and TCC (Hangzhou) Environmental Protection Technology Co., Ltd. of the carrying amounts and investment gains or losses are based on the reviewed financial statements, while all other entities are not.

Note 4: As of June 30, 2023, 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: Including the amounts attributable to non-controlling interests.

Note 6: All intercompany transactions have been eliminated upon consolidation.

Note 7: The Corporation received a confirmation letter of Operation Headquarter from the Industrial Development Bureau of the MOEA in 2023 stating that the Corporation is not limited by the restriction on the accumulated percentage or amount of investment in mainland China.

B. Refer to Tables 1, 2, 5, 6 and 9 for the information about significant transactions with investees in the mainland China either directly or indirectly through a third area.

(Concluded)

## TAIWAN CEMENT CORPORATION AND SUBSIDIARIES

INTERCOMPANY RELATIONSHIPS AND SIGNIFICANT INTERCOMPANY TRANSACTIONS  
FOR THE SIX MONTHS ENDED JUNE 30, 2023  
(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 Limited	1	Operating revenue	\$ 347,260	30 days	0.6
				Accounts receivable from related parties	159,075	30 days	-
				Operating costs and expenses	101,568	30 days	0.2
		Taiwan Transport & Storage Corporation	1	Operating costs and expenses	329,025	30 days	0.6
				Jin Chang Minerals Corporation	1	Operating costs and expenses	180,203
		TCCIH	1	Operating revenue	222,642	By negotiation	0.4
		HKCCL	1	Operating revenue	114,792	65 days counting from the completion of shipment	0.2
		Ta-Ho Maritime Corporation	1	Operating costs and expenses	935,373	30 days	1.7
				Accounts payable to related parties	427,398	30 days	0.1
		E.G.C. Cement Corporation	1	Operating revenue	369,578	50 days after the end of the day when delivery was made	0.7
				Accounts receivable from related parties	100,463	50 days after the end of the day when delivery was made	-
				Lease liabilities - non-current	212,663	By contract	-
		Hoping Industrial Port Corporation	1	Operating costs and expenses	179,559	20 days	0.3
Ho Sheng Mining Co., Ltd.	1	Operating costs and expenses	118,525	30 days	0.2		
Kuan-Ho Refractories Industry Corporation	1	Operating costs and expenses	105,109	By negotiation	0.2		
1	Ho-Ping Power Company	Hoping Industrial Port Corporation	3	Operating costs and expenses	586,107	20 days	1.1
		Accounts payable to related parties		102,842	20 days	-	
		HPC Power Service Corporation	3	Operating costs and expenses	257,259	By negotiation	0.5
2	E-One Moli Energy Corp.	E-One Moli Energy (Canada) Ltd.	3	Operating revenue	656,953	90 days	1.2
				Accounts receivable from related parties	275,040	90 days	0.1
		Molie Quantum Energy Corporation	3	Operating revenue	263,914	90 days	0.5
				Accounts receivable from related parties	268,628	90 days	0.1
3	Molie Quantum Energy Corporation	Taiwan Cement Corporation	2	Lease liabilities - non-current	1,115,997	By contract	0.2
4	NHOA ENERGY S.R.L.	TCC Lien-Hsin Green Energy Corporation	3	Operating revenue	2,555,996	By negotiation	4.7
				Accounts receivable from related parties	164,905	By negotiation	-
		TCC Energy Storage Technology Corporation	3	Operating revenue	152,102	By negotiation	0.3
				Accounts receivable from related parties	148,197	By negotiation	-
				Contract liabilities	317,136	By negotiation	0.1
5	TCC (Hangzhou) Environmental Protection Technology Co., Ltd.	TCC Yingde Cement Co., Ltd.	3	Operating revenue	2,195,986	By negotiation	4.1
		TCC (Guigang) Cement Co., Ltd.	3	Operating revenue	1,012,077	By negotiation	1.9
		TCC Shaoguan Cement Co., Ltd.	3	Operating revenue	418,434	By negotiation	0.8
		Accounts receivable from related parties	156,154	By negotiation	-		
6	TCC Lien-Hsin Green Energy Corporation	NHOA ENERGY S.R.L.	3	Property, plant and equipment - property in construction	2,110,804	By contract	0.5

(Continued)

No.	Investee Company	Counterparty	Relationship (Note 1)	Transactions Details			
				Financial Statement Account	Amount	Payment Terms	% of Total Sales or Assets
7	Taiwan Transport & Storage Corporation	Hoping Industrial Port Corporation	3	Operating revenue	\$ 114,483	30 days	0.2
8	TCC Energy Storage Technology Corporation	NHOA ENERGY S.R.L.	3	Property, plant and equipment - property in construction	218,390	By contract	-

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 exceeding \$100 million.

(Concluded)