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Auditor's Report

PCCPAAR [2022] N . 10426

(I) Revenue recognition

01, 00, 01

1. K a a

P a III (XXV) a V (II) 1 a a

T C a a I a a ba a
a 2021 a 18,852.83 T a 2019, 2020
35,316.55 a 21,186.84 a a

A a I a a a C a , I
b a a C a a a (Ma a) a I
a a I a a a I a a

2. R a a

O a a I a a :

(II) Net realizable value of inventories

01, 00, 01

1. K a. a

P a III (XI) a V (I) 7 a a a a

A D b 31, 2019, b ba a 3,532.92
 a , 143.01 a , a a I a
 a i 3,389.92 a ; a D b 31, 2020, b ba a
 a i 4,089.60 a , 20.44
 a , a a I a i a i 4,069.16 a ; a D b
 31, 2021, b ba a I a i a i 9,086.58 a ; a
 9,034.96 a . 51.62 a , a a I a i a i

A ba a a , a a i a a a a , ab
 a i , a a a a a a a
 a , ab a i a a a ba . Ba Ma a I a
 a i a a a a a a I a , a I a , ab a i
 a i a I a , a i a I a , a a a , ab a i
 b a i a a a a a I a a a a a
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2. R a. a

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(1) W b a a a I a a a a , ab a i
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V. Responsibilities of the Management and Those Charged with Governance for the Financial Statements

The Management and Those Charged with Governance are responsible for the preparation and fair presentation of the financial statements in accordance with the applicable financial reporting framework, for such things as:

1. Maintaining adequate accounting records that accurately reflect all transactions and events that are material to the financial statements, and supporting such records with appropriate documentation;

2. Designing, implementing and maintaining an effective system of internal control that mitigates the risks of material misstatement, whether due to fraud or error, to enable the management to prepare financial statements that are free from material misstatement;

VI. Certified Public Accountant's Responsibilities for the Audit of the Financial Statements

Our responsibility is to express an opinion on the financial statements based on the audit. We conducted our audit in accordance with the standards of the Certified Public Accountants of the Philippines. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement, whether due to fraud or error. Reasonable assurance is not a guarantee that an audit conducted in accordance with the standards of the Certified Public Accountants of the Philippines will detect a material misstatement, if it exists. Our audit was limited by the scope of the audit procedures performed.

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated balance sheet (continued)
(E in thousands of RMB)

Liabilities & Equity		Dec. 31, 2021	Dec. 31, 2020	Dec. 31, 2019
Current liabilities				
Short-term borrowings	1	8,083,779,844.70	5,862,436,627.54	5,914,977,746.01
Trade payables		360,612.00	23,939,270.26	
Other payables		104,821,710.25		
Notes payable	4	4,810,797,623.12	1,075,293,852.29	1,711,684,225.38
Accounts payable		6,233,172,410.76	1,789,437,189.88	1,457,846,829.84
Other accounts payable		644,739,400.90	13,203,500.00	49,481,999.73
Contract liabilities		78,968,534.53	259,399,312.53	
Employee benefits payable		477,791,587.03	246,927,241.56	150,675,728.77
Tax payables		1,053,002,433.60	498,051,676.99	180,632,990.49
Other payables	0	1,434,593,185.87	769,409,094.84	622,534,152.84
Liabilities due to subsidiaries				
Other liabilities	1	2,635,957,985.64	1,448,009,624.78	1,210,911,594.48
Other		4,147,523.95	4,503,600.24	
Total current liabilities		25,562,132,852.35	11,990,610,990.91	11,298,745,267.54
Non-current liabilities				
Long-term borrowings		6,738,260,645.42	1,422,004,973.18	1,053,257,446.93
Other non-current liabilities	4			
Liabilities due to subsidiaries				
Other non-current liabilities		32,788,255.14		
Total non-current liabilities		1,061,226,074.03	588,947,562.96	539,591,156.88
Provisions		26,769,294.11	13,842,559.43	6,676,814.98
Deferred income tax		518,873,112.92	410,473,311.89	238,813,222.82
Other	1	148,328,994.62	67,633,648.10	39,007,391.77
Total liabilities				
Equity				
Capital		8,526,246,376.24	2,502,902,055.56	1,877,346,033.38
Reserves		34,088,379,228.59	14,493,513,046.47	13,176,091,300.92
Other equity		1,221,228,483.00	1,141,261,526.00	1,078,671,471.00
Total equity				
Capital	40	10,218,296,584.42	3,879,698,604.43	2,606,657,306.83
Reserves	41	339,232,639.00		
Other equity		-419,363,343.56	-145,993,159.83	175,226,158.57
Subsidiary equity	4	16,648,561.11	16,061,509.89	20,947,308.81
Government grants	44	309,732,264.90	223,433,020.86	187,336,331.51
Unrealized gains/losses on financial instruments				
Total equity	4	8,376,281,013.68	4,807,657,696.00	49,387,746.01
Total		19,938,413,866.03	16,798,268,686.91	16,286,491,273.55

Zhejiang Huayou Cobalt Co., Ltd.
Parent company balance sheet (continued)

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated income statement
(Expressed in thousands of RMB)

Items	1	Year 2021	Year 2020	Year 2019
I. Operating income	1	35,316,548,999.96	21,186,843,965.75	18,852,828,463.22
Less: Operating expenses	1	28,131,068,440.83	18,014,062,384.77	16,748,261,571.90
Taxation		303,960,188.10	193,966,925.99	253,765,969.12
Selling expenses		37,945,024.34	27,276,620.21	163,772,106.10
Administrative expenses	4	1,179,657,989.91	665,041,408.67	467,600,989.69
R&D		816,270,207.36	370,784,128.95	267,610,711.83
Financial expenses		484,339,894.16	402,527,873.65	427,102,612.32
.....				

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated income statement (continued)
(E in thousands of RMB)

Items	Year 2021	Year 2020	Year 2019
(I) Net loss	-4,103,575.00	-16,276,517.52	-28,688,489.24
1. Restricted loss			
2. Indefinite loss			
3. Contingent liability	-4,103,575.00	-16,276,517.52	-28,688,489.24
4. Contingent liability			
5. Other			
(II) Total loss	-269,266,608.73	-304,942,800.88	126,810,322.51
1. Indefinite loss	-40,330,076.10	-63,418,820.75	5,075,457.94
2. Contingent liability			
3. Provision			
4. Provision			
5. Contingent liability			
6. Total loss	-228,936,532.63	-241,523,980.13	121,734,864.57
7. Other			
Basic loss per share (EPS)	-20,678,506.29	-53,297,027.76	11,349,615.30
VI. Total loss	3,729,591,242.16	751,136,831.76	217,595,364.07
1. Indefinite loss	3,624,133,342.01	843,623,535.72	217,656,642.09
2. Other	105,457,900.15	-92,486,703.96	-61,278.02
VII. Earnings per share (EPS):			
(I) Basic EPS	3.25	1.03	0.11
(II) Diluted EPS	3.24	1.03	0.11

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Zhejiang Huayou Cobalt Co., Ltd.
Parent company income statement
(Euros in million)

Items		Year 2021	Year 2020	Year 2019
I. Operating income	1	3,336,415,796.19	2,156,799,651.82	2,654,640,029.92
Less: Operating expenses	1	2,024,129,134.26	1,280,463,979.94	2,130,027,655.51
Taxation		8,731,409.47	2,618,404.52	7,172,319.62
Sales		4,350,060.34	2,426,372.86	11,270,218.28
Administrative		357,922,675.89	190,024,233.58	150,872,538.77
R&D		136,031,825.10	108,564,076.27	134,890,710.27
Financial		123,147,032.84	222,471,349.47	182,756,641.37
Impairment loss		148,201,610.85	156,928,524.38	162,191,053.07
Other		41,938,422.64	6,604,889.14	2,978,476.75
Operating profit		6,518,959.11	15,010,388.99	11,119,873.73
Less: Income tax		263,037,586.70	46,192,071.04	-5,061,395.89
Profit before tax		-3,406,932.38	-40,710.10	-2,080,415.06
Gain on disposal of subsidiaries		-7,209,802.76	-7,503,599.99	-609,097.22
Gain on disposal of associates		8,254,968.09	-8,254,968.09	6,529,248.16
Change in fair value of financial assets		1,557,346.12	252,397.51	-3,452,367.96
Other		-130,024.83		-9,569,192.58
II. Operating profit		961,342,493.48	403,431,124.63	37,216,111.56
Less: Non-operating expenses		980,241.49	700,417.94	399,476.05
Less: Non-operating income		6,453,835.66	2,989,266.07	2,146,054.75
III. Profit before tax		955,868,899.31	401,142,276.50	35,469,532.86
Less: Income tax		92,876,458.96	40,175,382.99	3,996,390.88
IV. Net profit		862,992,440.35	360,966,893.51	31,473,141.98
(I) Cash				
1. Net profit		862,992,440.35	360,966,893.51	31,473,141.98
2. Net profit				
(II) Cash				
1. Net profit				
2. Net profit				
V. Other		-4,103,575.00	-7,207,935.76	-28,688,489.24
I. Other				

Zhejiang Huayou Cobalt Co., Ltd.
Parent company income statement (continued)
(Euros in thousands)

Items	Year 2021	Year 2020	Year 2019
(I) Net income	-4,103,575.00	-7,207,935.76	-28,688,489.24
1. Recurring income			
2. Income from discontinued operations			

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated cash flow statement
(E in million RMB)

Items	2021	Year 2021	Year 2020	Year 2019
I. Cash and cash equivalents at the beginning of the period	1,111,111		1,111,111	1,111,111
II. Cash flows from operating activities	1,111,111		1,111,111	1,111,111
III. Cash flows from investing activities	1,111,111		1,111,111	1,111,111
IV. Cash flows from financing activities	1,111,111		1,111,111	1,111,111
V. Effect of exchange rate changes on cash and cash equivalents	1,111,111		1,111,111	1,111,111
VI. Cash and cash equivalents at the end of the period	1,111,111		1,111,111	1,111,111

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated cash flow statement (continued)
(Euros in million)

Items	Year 2021	Year 2020	Year 2019
III. Cash and cash equivalents			
a. Opening balance			
Ca. Closing balance	6,596,635,884.32	1,204,746,609.41	1,563,724,352.85

Zhejiang Huayou Cobalt Co., Ltd.
Parent company cash flow statement
(E in million RMB)

Zhejiang Huayou Cobalt Co., Ltd.
Parent company cash flow statement (continued)
(Euros in thousands)

Items	Year 2021	Year 2020	Year 2019
III. Cash and cash equivalents			
a. Cash and cash equivalents at the beginning of the year			
Ca. Cash and cash equivalents at the end of the year	6,298,026,626.56	794,279,997.74	
I. Cash and cash equivalents from operating activities			
a. Cash and cash equivalents from operating activities			
Ca. Cash and cash equivalents from operating activities	5,363,137,898.51	2,680,858,282.23	3,758,166,044.22
O. Cash and cash equivalents from investing and financing activities			
a. Cash and cash equivalents from investing and financing activities	2,289,101,342.07	2,569,061,795.84	2,075,318,181.51
b. Cash and cash equivalents from investing and financing activities	-363.1	-363.1	-363.1

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated statement of changes in equity (continued)

(E in million RMB)

Year 2021

Items	Equity attributable to parent company										Total equity		
	Other equity instruments			Less: Treasury shares				Other comprehensive income				Undistributed profit	Non-controlling interest
	Share capital	Preferred shares	Perpetual bonds	Capital reserve	Other comprehensive income	Special reserve	Surplus reserve	General risk reserve	Non-controlling interest				
(V) S a						587,051.22							587,051.22
1. A a t						50,659,375.38							50,659,375.38
2. A a t						(50,072,324.16)							(50,072,324.16)
(VI) O													
IV. B q a	1,221,228,483.00			10,218,296,584.42	339,232,639.00	(419,363,343.56)	16,648,561.11	309,732,264.90	8,376,281,013.68	1,571,647,348.65	4,517,086,193.80		23,900,677,120.35

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Zhejiang Huayou Cobalt Co., Ltd.

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated statement of changes in equity (continued)

(Euro in million)

Year 2020

Items	Equity attributable to parent company										Total equity	
	Other equity instruments			Less: Treasury shares	Other comprehensive income	Special reserve	Surplus reserve	General risk reserve	Undistributed profit	Non-controlling interest		
	Share capital	Preferred shares	Perpetual bonds									
(V) S a						-4,885,798.92						-4,885,798.92
1. A a t						42,879,053.58						42,879,053.58
2. A a t						-47,764,852.50						-47,764,852.50
(VI) O												
IV. Ba a	1,141,261,526.00			3,879,698,604.43	-145,993,159.83	16,061,509.89	223,433,020.86		4,807,657,608.58	50,813,071.86	2,529,685,866.58	50,813,071.86

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Zhejiang Huayou Cobalt Co., Ltd.

Consolidated statement of changes in equity (continued)

(E in million RMB)

Year 2019

Items	Equity attributable to parent company										Total equity	
	Other equity instruments			Capital reserve	Less: Treasury shares	Other comprehensive income	Special reserve	Surplus reserve	General risk reserve	Undistributed profit		Non-controlling interest
	Share capital	Preferred shares	Perpetual bonds									
I. Ba a a	829,747,285.00			2,847,068,306.07		77,104,325.30	17,146,525.15	182,653,133.09		3,647,054,561.91	809,544,118.37	8,410,298,254.89
A. C a a								1,555,884.22		-1,555,884.22		
E												
B. a a												
O												
II. Ba a b I a	829,747,285.00			2,847,068,306.07		77,104,325.30	17,146,525.15	184,189,017.31		3,645,498,677.69	809,544,118.37	8,410,298,254.89
III. C a a (I a a)	248,924,186.00			-240,410,999.24		98,121,833.27	3,800,783.66	3,147,314.20		33,412,766.12	1,533,598,887.97	1,680,594,771.98
(I) T a a						98,121,833.27				119,534,808.82	-61,278.02	217,595,364.07
(II) C a a b I a b				8,513,186.76							1,553,161,166.09	1,561,674,352.85
I. O a a b I b												
2. Ca a b I a												
3. A a a -ba a				8,513,186.76						-86,122,042.70	1,553,161,166.09	1,561,674,352.85
4. O										-3,147,314.20		-82,974,728.50
(III) P a a b I												
1. A a a												
2. A a a I a												
3. A a a												
4. O												
(IV) I a a	248,924,186.00			-248,924,186.00								
1. Ta a a a a	248,924,186.00			-248,924,186.00								
2. Ta a a a a												
3. S a a a a a												
4. C a I a a a a												
5. O a a												
6. O a a												

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated statement of changes in equity (continued)

(人民币千元)

Year 2019

Items	Equity attributable to parent company					Total equity				
	Share capital	Preferred shares	Perpetual bonds	Other equity instruments	Other comprehensive income					
			Capital reserve	Less: Treasury shares	Special reserve	Surplus reserve	General risk reserve	Undistributed profit	Non-controlling interest	
(V) S a					3,800,783.66					3,800,783.66
1. A a t					43,456,974.57					43,456,974.57
2. A a t					(39,656,190.91)					(39,656,190.91)
(VI) O										
IV. B a a	1,078,671,471.00		2,606,657,306.83	175,226,158.57	20,947,308.81	187,336,331.51		3,678,911,443.81	2,343,143,006.34	10,090,893,026.87

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Zhejiang Huayou Cobalt Co., Ltd.
Notes to Financial Statements
For the years respectively ended December 31, 2019, 2020, and 2021

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II. Preparation basis of the financial statements

(I) Preparation basis

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(II) Assessment of the ability to continue as a going concern

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(II) Accounting period

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T C a a a a a ba a a a a

(2) F a a a a a ba a a

Items	Basis for determination of portfolio	Method for measuring expected credit loss
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O ab P		a a a 12-
O ab P		a
O ab P	A _I	

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Items	Basis for determination of portfolio	Method for measuring expected credit loss
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		C a
		a a a
		a a a
T a a a ab ...		Ba a
		a a a
		C a
		a a a
		ab a a a
		ab a
		a a

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Pa a₁ a a

(XII) Contract costs

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C I a a a a a a a I T a b I
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(XIII) Non-current assets or disposal groups held for sale

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(XIV) Long-term equity investments

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4. *Handwritten text*

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(XV) Fixed assets

1. *Handwritten text*

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Categories	Depreciation method	Useful life (years)	Residual value proportion (%)	Annual depreciation rate (%)
Buildings	Straight line	10-35	5-10	9.50-2.57
Machinery	Straight line	5-15	5-10	19.00-6.00
Transportation	Straight line	5-10	5-10	19.00-9.00
Office equipment	Straight line	5-10	5-10	19.00-9.00

(XVI) Construction in progress

- Construction in progress - Buildings, machinery, transportation, office equipment, etc. (Detailed description of construction items and their classification)
- Construction in progress - Other (Detailed description of other construction items and their classification)

(XVII) Borrowing costs

- Borrowing costs incurred during the construction period of fixed assets, which are capitalized and included in the cost of the fixed assets.

(1) Borrowing costs incurred during the construction period of fixed assets, which are capitalized and included in the cost of the fixed assets. (Detailed description of borrowing costs and their capitalization)

(2) Borrowing costs incurred during the construction period of fixed assets, which are capitalized and included in the cost of the fixed assets. (Detailed description of borrowing costs and their capitalization)

(3) Borrowing costs incurred during the construction period of fixed assets, which are capitalized and included in the cost of the fixed assets. (Detailed description of borrowing costs and their capitalization)

(XIX) Exploration expenditures

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(XX) Impairment of part of long-term assets

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(XXIV) *Share-based payment*

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(XXV) Revenue

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(XXVII) *Contract assets, contract liabilities*

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 a a b a a b I a a a C a
 a a a ab a a a a a b
 a ba

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(XXVIII) *Deferred tax assets/Deferred tax liabilities*

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 a ab b I a ba b ab b a I a
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 a a b a a a a I
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 a b bab a a a ab b a a ab

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(XXIX) *Leases*

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a I I a a a a a a a a a
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(XXX) Work safety fund

T C a a a a a a C a Ma a
M a A a a U W Sa F b Ca Q [2012] 16 b
M F a a Sa A a W Sa Sa a a
W a a a a a a a W
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(XXXI) Segment reporting

On January 1, 2013, the Company acquired 100% of the equity of ABC Company, a wholly owned subsidiary. The acquisition was accounted for as a business combination under common control. The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries.

(1) The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries.

(2) The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries.

(3) The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries.

(XXXII) Other significant accounting policies and estimates

The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries.

1. The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries.

A. The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries. (1) The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries. (2) The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries. (3) The Company's financial statements are prepared on a consolidated basis and include the financial statements of ABC Company and the Company's other subsidiaries.

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Items	Carrying amount under original standards (Dec. 31, 2018)	Reclassification	Remeasurement	Carrying amount under revised standards (Jan. 1, 2019)
b. M a i - a a - a i t i				
H - - a i a a				
F a a a a a		166,915,198.87		166,915,198.87
- a i t i	15,315,198.87	-15,315,198.87		
O - i a a		12,573,600.00		12,573,600.00
T a a a a a a				
- a i t i	15,315,198.87	164,173,600.00		179,488,798.87
M a i - a a - a i t i t i				
R a b a i		576,292,483.20		576,292,483.20
O i a	151,600,000.00	-151,600,000.00		
A a a b - - a a a				
a a	63,192,181.76	-63,192,181.76		
O i i		50,618,581.76		50,618,581.76
T a a a a a a				
- a i t i	214,792,181.76	412,118,883.20		626,911,064.96
B. F a a a a b				
a. M a i - a a				
S - 3(M a i -)-363(a)-363D[(B.)- 455.9T (...)T 14.51850TD.0301T 4.2,315,198.87				73,21,9118,880.0298(73,21,91)36.7
	99.3(.) 81.7663,192,181.76.....a	. . .236.8(18,883.2(18,883.20)-122(4	-	949TD[(A3.9(.4 - 949TD[455

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Taxpayers	Year 2021	Year 2020	Year 2019
T C a , N E I Q i , i	15%	15%	15%
T a B & M, C I . i B & M	15%		
B I Y i	20%	25%	
G i a I H i a i E I , B I	20%		
H i a a , W i H i a ,			
T I a I H i a i , Z a I B & M,			
G i a I H i a i N M a a ,			
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S a I a FC	20%	25%	25%
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R. Ma R. C. H. a I. a C
F. I I. , H. a I. a .
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V. Notes to items of consolidated financial statements

Items	December 31, 2021	December 31, 2020	December 31, 2019
F a a a a a a a a a	332,752,951.53	30,317,180.12	103,543,722.85
I a a a a a a a a a	300,239,589.04		20,035,361.11
D a a a a a a a a a	32,513,362.49	30,317,180.12	83,508,361.74
T a a a a a a a a a	332,752,951.53	30,317,180.12	103,543,722.85

(1) D a a a

1) D a a a

Categories	December 31, 2021				
	Book balance		Provision for bad debts		
	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
R a a a a a a a a a	25,238,344.58	0.54	25,238,344.58	100.00	
R a a a a a a a a a	4,627,881,296.04	99.46	244,107,681.70	5.27	4,383,773,614.34
T a a a a a a a a a	4,653,119,640.62	100.00	269,346,026.28	5.79	4,383,773,614.34

(C a a a)

Categories	December 31, 2020				
	Book balance		Provision for bad debts		
	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
R a a a a a a a a a	20,200,435.00	1.65	20,200,435.00	100.00	
R a a a a a a a a a	1,206,747,571.56	98.35	66,207,454.65	5.49	1,140,540,116.91
T a a a a a a a a a	1,226,948,006.56	100.00	86,407,889.65	7.04	1,140,540,116.91

(C a a a)

Categories	December 31, 2019				
	Book balance		Provision for bad debts		
	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
R a a a a a a a a a	16,328,559.34	1.75	16,328,559.34	100.00	
R a a a a a a a a a	916,342,353.32	98.25	48,417,399.11	5.28	867,924,954.21
T a a a a a a a a a	932,670,912.66	100.00	64,745,958.45	6.94	867,924,954.21

2) A ab a a ba

a. D b 31, 2021

Debtors	Book balance	Provision for bad debts	Provision proportion (%)	Reasons
N a K L C C., L.	9,209,380.00	9,209,380.00	100.00	E b
J a J a N Ma a C., L.	5,717,261.90	5,717,261.90	100.00	ab
S K P T C., L.	4,724,396.86	4,724,396.86	100.00	a
R&F C a	3,783,340.38	3,783,340.38	100.00	b
O	1,803,965.44	1,803,965.44	100.00	
S i b a	25,238,344.58	25,238,344.58	100.00	

b. D b 31, 2020

Debtors	Book balance	Provision for bad debts	Provision proportion (%)	Reasons
N a K L C C., L.	9,209,380.00	9,209,380.00	100.00	E b
J a J a N Ma a C., L.	5,717,261.90	5,717,261.90	100.00	ab
O	5,273,793.10	5,273,793.10	100.00	a
S i b a	20,200,435.00	20,200,435.00	100.00	b

. D b 31, 2019

Debtors	Book balance	Provision for bad debts	Provision proportion (%)	Reasons
N a K L C C., L.	9,209,380.00	9,209,380.00	100.00	E b
J a J a N Ma a C., L.	5,717,261.90	5,717,261.90	100.00	ab
O	1,401,917.44	1,401,917.44	100.00	a
S i b a	16,328,559.34	16,328,559.34	100.00	b

3) A ab a a ba a a

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for bad debts	Provision proportion (%)	Book balance	Provision for bad debts	Provision proportion (%)
W 1 a	4,601,347,981.21	230,067,399.06	5.00	1,178,381,700.06	58,919,085.00	5.00
1-2 a	503,054.00	100,610.80	20.00	26,093,185.86	5,218,637.17	20.00
2-3 a	24,181,177.98	12,090,588.99	50.00	405,906.32	202,953.16	50.00
O 3 a	1,849,082.85	1,849,082.85	100.00	1,866,779.32	1,866,779.32	100.00
S i b a	4,627,881,296.04	244,107,681.70	5.27	1,206,747,571.56	66,207,454.65	5.49

(C i .)

Items	December 31, 2019		
	Book balance	Provision for bad debts	Provision proportion (%)
W 1 a	907,753,151.27	45,387,657.56	5.00
1-2 a	6,413,134.88	1,282,626.98	20.00
2-3 a	857,905.20	428,952.60	50.00
O 3 a	1,318,161.97	1,318,161.97	100.00
S i b a	916,342,353.32	48,417,399.11	5.28

(2) A I a a

Ages	Book balance		
	December 31, 2021	December 31, 2020	December 31, 2019
W 1 a	4,601,347,981.21	1,178,381,700.06	907,753,151.27
1-2 a	5,371,894.38	26,093,185.86	7,225,134.88
2-3 a	25,563,177.98	5,089,781.98	9,891,485.20
O 3 a	20,836,587.05	17,383,338.66	7,801,141.31
T a	4,653,119,640.62	1,226,948,006.56	932,670,912.66

(3) C a I ba b

1) Y a 2021

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others [Note]	Reversal	rite-off	Others [Note]	
R ab a								
ba	20,200,435.00	313,512.72		4,724,396.86			25,238,344.58	
R ab a								
ba	66,207,454.65	98,198,634.52		80,022,958.77		321,366.24	244,107,681.70	
T a	86,407,889.65	98,512,147.24		84,747,355.63		321,366.24	269,346,026.28	

2) Y a 2020

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others	Reversal	rite-off	Others	
R ab a								
ba	16,328,559.34	3,871,875.66					20,200,435.00	
R ab a								
ba	48,417,399.11	17,790,055.54					66,207,454.65	
T a	64,745,958.45	21,661,931.20					86,407,889.65	

3) Y a 2019

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others [Note]	Reversal	rite-off	Others	
R .ab a ba	13,826,979.34	9,845,580.00			7,344,000.00			16,328,559.34
R .ab a ba	50,922,937.31	-2,507,129.66		1,591.46				48,417,399.11
T a	64,749,916.65	7,338,450.34		1,591.46	7,344,000.00			64,745,958.45

(4) D a 5 . b a I ba a

Items	December 31, 2021	December 31, 2020	December 31, 2019
B ba a	2,184,386,603.14	545,361,496.71	452,421,351.27
P a ba a			
a (%)	46.94	44.45	48.51
P ba b	109,219,330.15	27,268,074.84	22,621,067.56

4.

(1) D a

Items	December 31, 2021		December 31, 2020	
	Carrying amount	Accumulated provision for credit impairment	Carrying amount	Accumulated provision for credit impairment
Ba a a	1,319,017,850.74		762,316,046.62	
T a	1,319,017,850.74		762,316,046.62	

(C . . .)

Items	December 31, 2019	
	Carrying amount	Accumulated provision for credit impairment
Ba a a	460,537,826.62	
T a	460,537,826.62	

(2) N .ab a I . I I . .

(3) P I . . .

Items	December 31, 2021	December 31, 2020	December 31, 2019
Ba a a	392,771,270.84	511,417,886.84	188,831,996.10
S; b a	392,771,270.84	511,417,886.84	188,831,996.10

(4) E b i a b a a

Closing balance derecognized

Items	December 31, 2021	December 31, 2020	December 31, 2019
Ba a a	5,311,600,088.59	1,906,776,345.83	1,243,116,919.37
Si b a	5,311,600,088.59	1,906,776,345.83	1,243,116,919.37

Di a a a ba a a a ba , Ba I
 a , C a b a a a
 H , a ba a a I ab C a C a I La

(2) D a, 5 . b , a I . ba a

<u>Items</u>	<u>December 31, 2021</u>	<u>December 31, 2020</u>	<u>December 31, 2019</u>
B ba a	551,743,831.62	651,166,301.96	875,978,049.60
P a a a . (%).....	51.00	80.10	82.06

. ▼ . 0

2) O ab a a a ba

D b 31, 2021

Debtors	Book balance	Provision for bad debts	Provision proportion (%)	Reasons
W _i P (C L) L Ba ¹ Ma q, C, L.....	3,917,282.59	3,917,282.59	100.00	E b ab
S _i b a	3,917,282.59	3,917,282.59	100.00	a b

3) O ab a a ba

December 31, 2021

December 31, 2020

Portfolios

(3) C a I b a b

1) Y a 2021

Items	Stage 1	Stage 2	Stage 3	Total
	12-month expected credit losses	Lifetime expected credit losses (credit not impaired)	Lifetime expected credit losses (credit impaired)	
O I b a a	3,729,176.74	10,142,590.67	44,134,265.65	58,006,033.06
O I b a a				
T a a a 2	-2,463,242.63	2,463,242.63		
T a a a 3		-5,192,157.99	5,192,157.99	
R a a 2				
R a a 1				
P a	3,184,069.86	1,954,658.44	-20,461,352.51	-15,322,624.21
O a I [N]	993,378.71	484,636.77	-167,461.93	1,310,553.55
C I b a a	5,443,382.68	9,852,970.52	28,697,609.20	43,993,962.40

2) Y a 2020

Items	Stage 1	Stage 2	Stage 3	Total
	12-month expected credit losses	Lifetime expected credit losses (credit not impaired)	Lifetime expected credit losses (credit impaired)	
O I b a a	3,437,548.95	21,111,954.41	8,535,371.02	33,084,874.38
O I b a a				
T a a a 2	-2,535,647.67	2,535,647.67		
T a a a 3		-14,428,883.34	14,428,883.34	
R a a 2				
R a a 1				
P a	2,827,275.46	923,871.93	21,170,011.29	24,921,158.68
O a I				
C I b a a	3,729,176.74	10,142,590.67	44,134,265.65	58,006,033.06

3) Y a 2019

Debtors	Nature of receivables	Book balance	Ages	Proportion to the total balance of other receivables	Provision for bad debts
				(%)	
LG E I S i (Na I) C , L	S i	12,000,000.00	1-2 a ,	4.30	2,400,000.00
Ha I U T i I a a F a a L a I C , L	S i	8,497,000.00	W 1 a : 6,885,000.00 i a , 1-2 a , : 1,612,000.00 i a	3.04	6 0.650.00
M I F a a L a I C , L	S i	7,600,000.00	1-2 a ,	2.72	1,520,000.00
S i b a		186,971,213.15		6 .97	19,361.650.00

2) D b 31, 2020

Debtors	Nature of receivables	Book balance	Ages	Proportion to the total balance of other receivables	Provision for bad debts
				(%)	
S i R a . I L [N]	O (P a i a i . ab)	64,890,130.50	2-3 a ,	27.05	32,445,065.25
C a F a a L a I C , L	S i	38,400,000.00	1-2 a ,	16.01	7,680,000.00
E a ba ab	E a ba	34,360,309.10	W 1 a	14.33	
F i i S i a S i C a M a a C , L	S i	27,563,403.38	W 1 a	11.49	1,378,170.17
LG E I S i (Na I) C , L	S i	12,000,000.00	W 1 a	5.00	600,000.00
S i b a		177,213,842.98		73.88	42,103,235.42

3) D b 31, 2019

Debtors	Nature of receivables	Book balance	Ages	Proportion to the total balance of other receivables	Provision for bad debts
				(%)	
S i R a . I L [N]	O (P a i a i . ab)	69,378,309.00	1-2 a ,	31.19	13,875,661.80
E a ba ab	E a ba	39,202,977.25	W 1 a	17.63	
C a F a a L a I C , L	S i	38,400,000.00	W 1 a	17.26	1,920,000.00

Debtors	Nature of receivables	Book balance	Ages		
---------	--------------------------	--------------	------	--	--

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
Intangible assets	861,711,599.53		861,711,599.53	524,144,114.07		524,144,114.07
Patents	4,763,559.99		4,763,559.99	2,561,986.93		2,561,986.93
Trademarks	866,475,159.52		866,475,159.52	526,706,101.00		526,706,101.00

(Continued)

Items	December 31, 2019		
	Book balance	Provision for impairment	Carrying amount

C a a a a USD14,660,000.00,
 USD27,780,000.00 a USD27,780,000.00 (I a 102,271,092.00 i a ,
 181,261,722.00 a 177,116,946.00 i a a I a a a a
 I).

4) V _____

Pi i a Si a A I b a H i a i
 M I H I K I, N L, Z G i H I K I C
 I I C, L I, B i (C a) R I T C, L I a Y I I
 T I C, L I 2019, H i a i M I H I K I, I
 a I V a a b I V I ba
 I Ba a V a a a I
 I USD14,503,276.00, USD16,368,000.00, USD16,368,000.00 (i a
 101,177,754.03 i a , 106,799,563.20 i a , 104,357,457.60 i a a I
 a I a a a I).

A a b i a a ab I
 ab, a a a

10. a a

(1) Ca I

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
I a a	3,426,087,640.29	4,640,501.42	3,421,447,138.87	2,066,495,192.21	4,640,501.42	2,061,854,690.79
I i	6,305,745.11		6,305,745.11	16,643,371.77		16,643,371.77
T a	3,432,393,385.40	4,640,501.42	3,427,752,883.98	2,083,138,563.98	4,640,501.42	2,078,498,062.56

(C i)

Items	December 31, 2019		
	Book balance	Provision for impairment	Carrying amount
I a a	1,312,767,942.88		1,312,767,942.88
I i	18,717,782.00		18,717,782.00
T a	1,331,485,724.88		1,331,485,724.88

(2) Data

1) Year 2021

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
Jinmang Resources Co., Ltd. (TMR Co.)	14,029,958.18		16,593,971.47	2,032,746.66	531,266.63
PT. Arahata Energy Services	2,613,413.59	3,880,680.00		-123,694.21	-64,654.27
Sibahaja	16,643,371.77	3,880,680.00	16,593,971.47	1,909,052.45	466,612.36
North Tegal (North Tegal)	671,818,440.04	333,564,358.79		310,235,283.58	-25,839,592.65
Qiteki Mining Victoria (Qiteki Mining Victoria)					
Nahana Energy Indonesia (Nahana Energy Indonesia (LP))	2,844,222.10			-2,844,222.10	
AVZ Mining (AVZ Mining)	67,343,994.89			-1,637,263.52	985,432.01
Zaipita Energy (Zaipita Energy)	116,961,987.41			8,758,432.24	
Linen Energy (Linen Energy)	970,411,523.40			165,763,725.38	
Riteki Energy (Riteki Energy)	10,004,722.91			-4,816.23	-1,917.68
Hana Aisa S.A. (HANAQ)	7,803,471.01		6,003,668.72	-1,329,518.59	3,532,162.11
V...	84,039,406.46			61,355,873.23	-2,590,980.62
IWIP Co.	130,626,922.57			61,783,367.92	-3,093,816.23
PT. Hita Power (Hita Power)					
Qiteki X Energy (Qiteki X Energy (LP))		7,800,000.00	7,806,343.53	6,343.53	
Qiteki A Energy (Qiteki A Energy (LP))		599,000,000.00		-569,053.81	
POSCO-HY Chemicals (PHC Co.)		238,873,179.19		-2,811,829.56	-13,753,179.19
S... P... (S... P...)		4,500,000.00		52,737.31	
PT. Hita N... (Hita N...)		3,239,250.00		-1,435,648.96	-34,796.21
Sibahaja	2,061,854,690.79	1,186,976,787.98	13,810,012.25	597,323,410.42	-40,796,688.46
Ta...	2,078,498,062.56	1,190,857,467.98	30,403,983.72	599,232,462.87	-40,330,076.10

(C)

Investees	Increase/Decrease					Closing balance	Closing balance of provision for impairment
	Changes in other equity	Cash dividend/ Profit declared for distribution	Provision for impairment	Others			
J							
TMR C a							
PT. A a H a E a						6,305,745.11	
S a						6,305,745.11	
A a							
N T I		366,098,603.80				923,679,885.96	
M W I							1,161,307.33
Ha N E I							
AVZ C a						66,692,163.38	
P a C a						125,720,419.65	
L a C a						1,136,175,248.78	
R a C a						9,997,989.00	
					-4,002,445.81		
HANAQ C a					[N]		
V						142,804,299.07	
IWIP C a						189,316,474.26	
I a H a							3,479,194.09
Q a X a							
Q a A a						598,430,946.19	
PHC C a						222,308,170.44	
S P a						4,552,737.31	
I a H a						1,768,804.83	
S a		366,098,603.80			-4,002,445.81	3,421,447,138.87	4,640,501.42
T a		366,098,603.80			-4,002,445.81	3,427,752,883.98	4,640,501.42

2) Y a 2020

Investees	Increase/Decrease				
	Opening balance	Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
J					
TMR C a	15,930,251.30			-1,811,810.34	-88,482.78
PT. A a H a E a					
S a	2,787,530.70			34,795.26	-208,912.37
S a	18,717,782.00			-1,777,015.08	-297,395.15
A a					
N T I		699,824,800.00		22,583,091.93	-50,589,451.89
M W I	1,161,307.33				
Ha N E I	2,884,932.20			-40,710.10	
AVZ C a	69,457,545.90			-1,919,127.28	-194,423.73
N a C L					
(NZC C a)	52,698,834.14		52,698,834.14		
P a C a	120,455,161.97			-3,493,174.56	
L a C a	869,707,289.90	98,816,715.14		1,887,518.36	
R a C a	10,015,755.26			-4,899.51	-6,132.84

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
HANAQ C a	8,233,962.91			-203,495.15	-226,996.75
V	72,608,885.91	9,017,216.00		7,052,281.00	-4,638,976.45
IWIP C a	104,150,493.27			33,941,873.24	-7,465,443.94
I a H a i	1,393,774.09	2,085,420.00			
S i b a	1,312,767,942.88	809,744,151.14	52,698,834.14	59,803,357.93	-63,121,425.60
T a	1,331,485,724.88	809,744,151.14	52,698,834.14	58,026,342.85	-63,418,820.75

(C i .)

Investees	Changes in other equity	Increase/Decrease			Closing balance	Closing balance of provision for impairment
		Cash dividend/ Profit declared for distribution	Provision for impairment	Others		
J						
TMR C a				14,029,958.18		
PT. A a H a i E a						
S				2,613,413.59		
S i b a				16,643,371.77		
A a						
N T i				671,818,440.04		
M i W i			1,161,307.33		1,161,307.33	
H a N E i				2,844,222.10		
AVZ C a				67,343,994.89		
NZC C a						
P i a C a				116,961,987.41		
L i C a				970,411,523.40		
R i i C a				10,004,722.91		
HANAQ C a				7,803,471.01		
V				84,039,406.46		
IWIP C a				130,626,922.57		
I a H a i			3,479,194.09		3,479,194.09	
S i b a			4,640,501.42	2,061,854,690.79	4,640,501.42	
T a			4,640,501.42	2,078,498,062.56	4,640,501.42	

3) Y a 2019

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
J					
TMR C a	14,361,644.59			1,805,274.70	-236,667.99
PT. A a H a i					
E a					
S		2,816,000.00		-39,167.69	10,698.39
S i b a	14,361,644.59	2,816,000.00		1,766,107.01	-225,969.60

II. Daftar Isi

(1) Daftar Isi

1) Daftar Isi 31, 2021/Y a 2021

Items	Closing balance	Dividend income	Accumulated amount of gains or losses transferred from other comprehensive income to retained earnings	
			Amount	Reasons
S i I . i . a				
D . i . a				
B i S a .	1,550,000.00			
R i R a I . i . C . .				
L . . (i B i S a .)				
I M i a S i N M a a				
T a	29,000,000.00			
M i S i .				
HANAQC a	4,002,445.81			
T a	34,552,445.81			

2) Daftar Isi 31, 2020/Y a 2020

Items	Closing balance	Dividend income	Accumulated amount of gains or losses transferred from other comprehensive income to retained earnings	
			Amount	Reasons
S i I . i . a	4,103,575.00			
B i S a .	1,550,000.00			
O a M i L				
T a	5,653,575.00			

3) Daftar Isi 31, 2019/Y a 2019

Items	Closing balance	Dividend income	Accumulated amount of gains or losses transferred from other comprehensive income to retained earnings	
			Amount	Reasons
S i I . i . a	11,311,510.76			
B i S a .	1,550,000.00			
O a M i L	9,068,581.76			
T a	21,930,092.52			

I. **Investments**

(1) **December 31, 2021**

Items	December 31, 2021	December 31, 2020	December 31, 2019
Fair value of investments	6,573,600.00	6,573,600.00	6,573,600.00
Investment in Equity	6,573,600.00	6,573,600.00	6,573,600.00
Total	6,573,600.00	6,573,600.00	6,573,600.00

(2) **Opening balance**

1) **Year 2021**

Investees	Opening balance	Increase	Decrease	Closing balance
SGM	6,573,600.00			6,573,600.00
Subsidiary	6,573,600.00			6,573,600.00

2) **Year 2020**

Investees	Opening balance	Increase	Decrease	Closing balance
SGM	6,573,600.00			6,573,600.00
Subsidiary	6,573,600.00			6,573,600.00

3) **Year 2019**

Investees	Opening balance	Increase	Decrease [Note]	Closing balance
SGM	6,573,600.00			6,573,600.00
Hill Country Energy	6,000,000.00		6,000,000.00	
Subsidiary	12,573,600.00		6,000,000.00	6,573,600.00

See Note VI(I)2 for details regarding the investments.

I. **Property, Plant, and Equipment**

(1) **December 31, 2021**

1) **Year 2021**

Items	Buildings and structures	Machinery	Transport facilities	Other equipment	Total
Cost					
Original cost	3,719,888,940.48	6,508,190,316.36	235,412,713.44	333,198,406.94	10,796,690,377.22
Accumulated depreciation	1,870,873,734.67	3,499,719,668.30	155,942,762.54	112,685,510.46	5,639,221,675.97
1) Assets	32,969,956.78	108,212,771.20	148,365,723.07	46,479,913.52	336,028,364.57
2) Tangible intangible assets					
3) Intangible assets	813,400,310.81	1,302,735,491.20		54,925,644.91	2,171,061,446.92
4) Intangible assets	1,024,503,467.08	2,088,771,405.90	7,577,039.47	11,279,952.03	3,132,131,864.48
Depletion	206,143,874.65	339,206,875.85	53,381,850.25	21,482,029.99	620,214,630.74
1) Depletion/Amortization	57,533,671.93	156,319,596.25	41,345,122.79	9,891,403.67	265,089,794.64

Items	Buildings and structures	Machinery	Transport facilities	Other equipment	Total
2) T a					
I		462,508.42		178,720.39	641,228.81
3) D a					
b a	93,887,172.67	95,313,763.09	4,978,164.84	7,975,629.60	202,154,730.20
4) T a	54,723,030.05	87,111,008.09	7,058,562.62	3,436,276.33	152,328,877.09
C I b a	5,384,618,800.50	9,668,703,108.81	337,973,625.73	424,401,887.41	15,815,697,422.45
A I b a					
O I b a	692,231,701.14	1,563,742,677.77	100,796,454.35	102,148,599.50	2,458,919,432.76
I a	307,867,697.68	1,039,250,242.72	34,655,225.60	68,982,619.85	1,450,755,785.85
1) A a	192,834,053.01	706,723,085.69	30,699,893.67	63,169,895.13	993,426,927.50
2) I a					
b a	115,033,644.67	332,527,157.03	3,955,331.93	5,812,724.72	457,328,858.35
D a	53,893,794.71	157,104,398.34	38,607,717.69	11,893,924.26	261,499,835.00
1) D a/S a	17,151,105.38	99,245,333.47	34,130,843.68	7,339,161.70	157,866,444.23
2) T a					
I		19,251.14		55,783.60	75,034.74
3) D a					
b a	12,863,114.62	36,545,778.57	2,617,490.47	4,105,061.14	56,131,444.80
4) T a	23,879,574.71	21,294,035.16	1,859,383.54	393,917.82	47,426,911.23
C I b a	946,205,604.11	2,445,888,522.15	96,843,962.26	159,237,295.09	3,648,175,383.61
P I b a					
O I b a		15,457,126.71		1,288,905.93	16,746,032.64
I a	21,908,400.62	9,097,900.83	174,687.29	122,709.59	31,303,698.33
1) A a	21,908,400.62	9,097,900.83	174,687.29	122,709.59	31,303,698.33
D a		4,977,410.67			4,977,410.67
1) D a/S a		4,977,410.67			4,977,410.67
C I b a	21,908,400.62	19,577,616.87	174,687.29	1,411,615.52	43,072,320.30
Ca I a					
C I b a	4,416,504,795.77	7,203,236,969.79	240,954,976.18	263,752,976.80	12,124,449,718.54
O I b a	3,027,657,239.34	4,928,990,511.88	134,616,259.09	229,760,901.51	8,321,024,911.82

2) Y a 2020

Items	Buildings and structures	Machinery	Transport facilities	Other equipment	Total
C					
O I b a	3,152,969,789.51	4,804,180,094.81	220,329,581.53	225,882,777.16	8,403,362,243.01
I a	778,717,503.70	1,975,386,189.45	34,754,088.67	126,183,923.55	2,915,041,705.37
1) A a	26,694,042.20	65,472,138.64	26,692,308.70	22,679,760.10	141,538,249.64
2) T a					
I	752,023,461.50	1,909,914,050.81	8,061,779.97	103,504,163.45	2,773,503,455.73
D a	211,798,352.73	271,375,967.90	19,670,956.76	18,868,293.77	521,713,571.16
1) D a/S a	91,564,854.16	40,061,429.61	5,166,327.47	6,108,680.36	142,901,291.60
2) T a					
I		70,937,764.42	407,002.17	11,602,553.44	82,947,320.03
3) T a	120,233,498.57	160,376,773.87	14,097,627.12	1,157,059.97	295,864,959.53
C I b a	3,719,888,940.48	6,508,190,316.36	235,412,713.44	333,198,406.94	10,796,690,377.22
A I b a					
O I b a	627,303,386.03	1,184,152,822.28	86,334,818.87	60,090,405.04	1,957,881,432.22
I a	161,073,992.61	467,744,840.13	24,975,595.94	47,921,196.56	701,715,625.24
1) A a	161,073,992.61	467,744,840.13	24,975,595.94	47,076,132.83	700,870,561.51
2) T a				845,063.73	845,063.73

Items	Buildings and structures	Machinery	Transport facilities	Other equipment	Total
D a	96,145,677.50	88,154,984.64	10,513,960.46	5,863,002.10	200,677,624.70
1) D a /S a I	68,087,446.75	31,043,055.03	4,066,858.36	3,183,649.47	106,381,009.61
2) T a					
i		4,908,818.86	42,236.62	1,900,551.59	6,851,607.07
3) T a a	28,058,230.75	52,203,110.75	6,404,865.48	778,801.04	87,445,008.02
C i b a a	692,231,701.14	1,563,742,677.77	100,796,454.35	102,148,599.50	2,458,919,432.76
P i a					
O i b a a		6,342,325.05		51,113.08	6,393,438.13
I a		9,114,801.66		1,237,792.85	10,352,594.51
1) A i a		9,114,801.66		1,237,792.85	10,352,594.51
D a					
1) D a /S a I					
C i b a a		15,457,126.71		1,288,905.93	16,746,032.64
Ca i a i					
C i b a a					

Projects	December 31, 2021			December 31, 2020		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
P a II ba I a I a b a I a I a i a i i 10,000						
H I - i a ba I a a i a i i 30,000 (a)	404,971,085.98		404,971,085.98	76,638,030.28		76,638,030.28
H I - i a ba I a I a i a i i 50,000 (a)	251,206,988.70		251,206,988.70			
T a i a a I I a ba a i a i i 50,000	755,812,376.99		755,812,376.99	6,909,812.95		6,909,812.95
T a a a a I - a ba a i a i i 50,000	101,095,586.82		101,095,586.82			
T a i a a I I a ba a i a i i 40,000				671,948,361.81		671,948,361.81
N I ba a i a i i 60,000 ()	5,428,143,914.13		5,428,143,914.13	1,081,047,978.83		1,081,047,978.83
T a i a a ba a i a i i 50,000						
N I i a a i i ba a i a i i 30,000	75,436,129.06		75,436,129.06	231,213,250.64		231,213,250.64
S i I a a a a a a a						

Projects	December 31, 2021			December 31, 2020		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
H I a a 45,000 ()	997,080,941.89		997,080,941.89	4,254,138.10		4,254,138.10
H I ba a a a a	428,453,373.36		428,453,373.36			
C H a a H a a R a I	120,658,315.19		120,658,315.19	7,571,109.36		7,571,109.36
O a	255,777,036.37		255,777,036.37			316,658,549.83
S b a	9,107,231,788.43		9,107,231,788.43	2,838,568,176.12		2,838,568,176.12
(C)						

Projects	December 31, 2019		
	Book balance	Provision for impairment	Carrying amount
DRC M C PE527 L M ET 1001255.79801[()-362	98013.-25.092	00 158. 9(6.46436)-9901

December 31, 2019

Projects	Book balance	Provision for impairment	Carrying amount
T a i a a			
ba i i a			
50,000			
T a a a a			
ba i a			
50,000			
T a i a a			
ba i i a			
40,000	643,744,623.62		643,744,623.62
N a a a a			
ba i a			
60,000			
()	120,299,909.03		120,299,909.03
T a i a a			
ba i a			
50,000	587,631,349.63		587,631,349.63
N a i a a			
ba i a			
30,000	224,824,305.71		224,824,305.71
S i a a a			
a a a a	82,836,186.52		82,836,186.52
H i a a a			
ba i a			
45,000			
()			
H i a i a			
ba i a			
C a i a H i a			
H a a R a I			
O a i i	307,679,624.03		307,679,624.03
S i b a	2,932,641,503.18		2,932,641,503.18

2) C a i i a

1) Y a 2021

Projects	Budgets	Opening balance	Increase	Transferred to fixed assets	Other decrease [Note 1]	Closing balance
	(0'000)					
C a i N						
C b a a N						
N Ma a						
R a I	28,739.25	165,807,562.91	17,269,600.13			183,077,163.04
W a a III						
a a						
MIKAS						
C a	USD3,860.00	62,076,116.39	91,902,398.25	153,268,790.61	709,724.03	
C a						
H i a T						
I a C i	40,152.00	214,443,265.02	153,034,989.75	261,959,377.87		105,518,876.90

Projects	Budgets	Opening balance	Increase	Transferred to fixed assets	Other decrease [Note 1]	Closing balance
	(0'000)					
H ₁ - i a ba I a a a 30,000)	80,086.00	76,638,030.28	543,881,016.12	215,547,960.42		404,971,085.98
H ₁ - i a ba I a a a 50,000)	79,455.71		251,206,988.70			251,206,988.70
T a a a I I a ba a a 50,000)	135,306.61	6,909,812.95	873,693,186.98	124,790,622.94		755,812,376.99
T a a a a I - a ba a a 50,000)	124,479.00		101,095,586.82			101,095,586.82
T a a a I I a ba a a 40,000)	90,460.00	671,948,361.81	42,493,064.49	608,588,346.62	105,853,079.68	
N ba a a 60,000 ()	USD124,739.10	1,081,047,978.83	4,429,479,148.00		82,383,212.70	5,428,143,914.13
N I a a ba a a 30,000)	98,226.00	231,213,250.64	75,474,361.58	231,251,483.16		75,436,129.06
H ₁ - i a I I a a a 45,000 ()	USD48,943.00	4,254,138.10	1,005,167,329.45		12,340,525.66	997,080,941.89
H ₁ ba I a a a a a)	254,213.00		586,958,911.40 [N 2]	158,505,538.04		428,453,373.36
C H a i a R a I S b a)	35,000.00	7,571,109.36	113,087,205.83			120,658,315.19
		2,521,909,626.29	8,284,743,787.50	1,753,912,119.66	201,286,542.07	8,851,454,752.06

(C i . .)

Projects	Accumulated input to budget (%)	Completion percentage (%)	Accumulated amount of borrowing cost capitalization	Amount of borrowing cost capitalization in the current period	Annual capitalization rate (%)	Fund source
C i . . C ba a . N Ma a R a I	101.87	95.00				Ra a
W a III a MIKAS	112.51	100.00				O
C a C i . . H a i T I a I C . . .	114.33	95.00	12,956,807.22	1,829,153.82	3.84	F a a i a a
H I - i a ba I a a i a i i 30,000 . (a)	77.48	80.00				Ra a
H I - i a ba I a a i a i i 50,000 . (a)	31.62	30.00	4,276,173.26	4,276,173.26	3.84	F a a i a a
T a a a I i a ba a i a i i 50,000	65.08	70.00				Ra a
T a a a a i I - ba a i a i i 50,000	8.12	10.00				Ra a
T a a a I i a ba a i a i i 40,000	109.73	100.00				O
N i ba a i a i i 60,000 (.)	73.53	80.00	107,042,990.15	93,725,806.29	6.28	F a a i a a

Projects	Accumulated input to budget (%)	Completion percentage (%)	Accumulated amount of borrowing cost capitalization	Amount of borrowing cost capitalization in the current period	Annual capitalization rate (%)	Fund source
N a a ba 30,000	40.98	45.00	3,402,866.12	2,769,875.30	4.65	F a a
H a a 45,000	31.97	30.00	2,435,148.72	2,435,148.72	4.90	Ra a
H a a 30,000	45.65	50.00	50,396,883.95	3,045,572.86	6.25	F a a
C H a H a R a I S b a	34.47	30.00	180,510,869.42	108,081,730.25		Ra a
105,853,079.68			95,433,462.39			
172,243,095.80						

2) Y a 2020

Projects	Budgets (0'000)	Opening balance	Increase	Transferred to fixed assets	Other decrease [Note 3]	Closing balance
DRC M C I PE527 L i M 30,000	USD13,066.96	99,313,284.01	40,320,472.83	136,421,400.17	3,212,356.67	
T a a 30,000	9,843.00	59,774,045.84	449,764.22	60,223,810.06		
B a a 2,500	USD2,250.00	125,427,322.42	1,792,623.47	123,162,912.65	4,057,033.24	
C C ba a N N Ma a R a I	28,739.25	89,899,605.20	75,907,957.71			165,807,562.91

Projects	Budgets	Opening balance	Increase	Transferred to fixed assets	Other decrease [Note 3]	Closing balance
	(0'000)					
T a a a i a 302A ba	30,989.00	276,209,289.79	49,340,467.71	325,549,757.50		
C H a i T I a C I	40,152.00	188,871,623.31	117,176,216.32	91,604,574.61		214,443,265.02
T a i a a I i a ba						
a i a i 40,000	90,460.00	643,744,623.62	306,408,194.80	278,204,456.61		671,948,361.81
P a II I I ba I a i a b a						
a i a i 10,000	16,789.00	103,853,265.16	73,578,887.93	177,432,153.09		
T a i a a ba						
a i a i 50,000	91,479.27	587,631,349.63	82,278,343.14	669,909,692.77		
N I i a a i ba a i a i 30,000	98,226.00	224,824,305.71	116,165,694.96	109,776,750.03		231,213,250.64
S i I a a a a a a a	22,513.44	82,836,186.52	30,592,448.23	113,428,634.75		
N i ba a i a i i 60,000 ()	USD124,739.10	120,299,909.03	1,004,209,642.30		43,461,572.50	1,081,047,978.83
H I - i a ba i a i i a a i a i 30,000 (a)	80,086.00	470,209.21	76,167,821.07			76,638,030.28
W a III a a i MIKAS						
C a	USD3,860.00	21,806,859.70	175,891,424.20	132,770,037.13	2,852,130.38	62,076,116.39
S i b a		2,624,961,879.15	2,150,279,958.89	2,218,484,179.37	53,583,092.79	2,503,174,565.88

(C i .)

<u>Projects</u>	<u>Accumulated input to budget</u>	<u>Completion percentage</u>	<u>Accumulated amount of borrowing cost capitalization</u>	<u>Amount of borrowing cost capitalization in the current period</u>	<u>Annual capitalization rate</u>	<u>Fund source</u>
	(%)	(%)			(%)	
DRC M						
C i PE527						
L i M						
f i						

Projects	Accumulated input to budget (%)	Completion percentage (%)	Accumulated amount of borrowing cost capitalization	Amount of borrowing cost capitalization in the current period	Annual capitalization rate (%)	Fund source
N	33.30	40.00	632,990.82	632,990.82	4.65	F a a
S	50.38	50.00	3,009,948.89	2,658,267.27	5.23	F a a
N	13.28	15.00	13,317,183.86	11,728,322.96	6.00	O
H _I	9.57	15.00				Ra
W	78.49	80.00				O
C			53,337,429.93	24,404,015.89		
S _b						

3) Y a 2019

Projects	Budgets (0'000)	Opening balance	Increase	Transferred to fixed assets	Other decrease	Closing balance
DRC M	USD13,066.96	35,431,959.75	802,331,556.99	738,450,232.73		99,313,284.01
T a	9,843.00	51,711,617.70	8,062,428.14			59,774,045.84
B	USD2,250.00	68,418,844.76	59,473,571.31	2,465,093.65		125,427,322.42
G	37,970.00	370,124,248.19	67,751,382.47	437,875,630.66		

Projects	Budgets	Opening balance	Increase	Transferred to fixed assets	Other decrease	Closing balance
	(0'000)					
C C ba a . N N Ma a R a I	28,739.25	118,662,490.97	28,282,507.14	57,045,392.91		89,899,605.20
T a a a a 302A ba	30,989.00	212,091,469.38	64,117,820.41			276,209,289.79
C H a i T I a C I	40,152.00	78,477,659.90	110,393,963.41			188,871,623.31
N -b a I	13,980.00	93,787,931.97	36,895,271.66	130,683,203.63		
T a a I i a ba	40,000	44,953,831.39	598,790,792.23			643,744,623.62
P a II I I ba I a a b a a a	10,000	16,789.00	103,853,265.16			103,853,265.16
T a a ba	50,000	91,479.27	932,682,929.29 [N 4]	345,051,579.66		587,631,349.63
N a a ba a a	30,000	98,226.00	14,150,690.84	210,909,350.00	235,735.13	224,824,305.71
S I a a a a a a a a	22,513.44		82,836,186.52			82,836,186.52
N ba a a 60,000 ()	USD124,739.10		120,299,909.03			120,299,909.03
S b a		1,087,810,744.85	3,226,680,933.76	1,711,806,868.37		2,602,684,810.24

(C i .)

Projects	Accumulated input to budget (%)	Completion percentage (%)	Accumulated amount of borrowing cost capitalization	Amount of borrowing cost capitalization in the current period	Annual capitalization rate (%)	Fund source
DRC M C I PE527 L i i M I a i a i i 30,000	92.56	95.00	2,883,939.35	2,883,939.35	8.50	F a a a a i i
T a a a a i a i i 30,000 ba i i i	60.73	65.00				O i i
B a i a i i 2,500	81.49	85.00				O i i
G I a ba i i i	115.32	100.00	25,518,915.14	21,326,850.53	6.62	F a a a b i a a i i
C C ba a N N Ma a R a I i i	69.45	75.00				Ra i i a i i
T a a a i i 302A ba	89.13	90.00	14,328,454.68	8,566,768.66	5.88	F a a a b i a a i i
C H a i T I a I C	47.03	55.00	7,986,211.58	6,507,438.01	4.67	F a a a a i i
N -b i I i i a I i i i	93.48	100.00	4,661,637.39	4,188,915.35	4.67	F a a a a i i
T a i i a a i i a ba i	71.16	85.00				O i i
P a II ba i a i i a b a a i a i i 10,000	61.86	65.00	32,631.49	32,631.49	5.60	F a a a a i i

Projects	Accumulated input to budget (%)	Completion percentage (%)	Accumulated amount of borrowing cost capitalization	Amount of borrowing cost capitalization in the current period	Annual capitalization rate (%)	Fund source
T a i a a ba a i a i i 50,000	101.96	95.00	1,761,634.42	1,761,634.42	4.94	F a a i a a i i
N I a a ba a i a i i 30,000	21.47	30.00				O i i
S i I a a a a a a a a	36.79	40.00	351,681.62	351,681.62	5.23	F a a i a a i i
N I ba a i a i i 60,000 ()	1.26	5.00	1,588,860.90	1,588,860.90	6.00	O i i
S i b a			59,113,966.57	47,208,720.33		
4 C i a	801,709,027.42					

(3) C i a a

Items	December 31, 2021	December 31, 2020	December 31, 2019
E i a i			
a a	713,205,093.03	550,684,806.16	251,373,951.66
S i b a	713,205,093.03	550,684,806.16	251,373,951.66

I . - -

Y a 2021

Items	Buildings and structures	Transport facilities	Total
C i			
O I ba a	31,346,648.57	18,265,807.02	49,612,455.59
I a	35,999,055.29		35,999,055.29
1) L a	35,999,055.29		35,999,055.29
D a			
C i I ba a	67,345,703.86	18,265,807.02	85,611,510.88
A i I a			
O I ba a			
I a	17,332,202.74	4,566,451.75	21,898,654.49
(1) A i a	17,332,202.74	4,566,451.75	21,898,654.49
D a			
C i I ba a	17,332,202.74	4,566,451.75	21,898,654.49

Items	Buildings and structures	Transport facilities	Total
P a			
O I b a a			
I a			
D a			
C I b a a			
Ca I a			
C I b a a	50,013,501.12	13,699,355.27	63,712,856.39
O I b a a [N]	31,346,648.57	18,265,807.02	49,612,455.59

III (XXXIII) I a a a a D b 31, 2020. b b a

I . I . I . I .

(1) D a

1) Y a 2021

Items	Land use right	Software	Mining right	Patent right and software copyright	Pollution discharging right	Total
C						
O I b a a	556,917,261.55	30,542,811.03	481,321,486.54	245,800.00	10,754,536.00	1,079,781,895.12
I a	254,242,492.70	27,604,417.36		267,129,399.35	9,881,664.82	558,857,974.23
1) A	133,294,634.47	26,757,532.53			9,881,664.82	169,933,831.82
2) I a	120,947,858.23	846,884.83		267,129,399.35		388,924,142.41
b				[N]		
b a						
D a	71,613,929.37	236,168.08	11,006,017.84			82,856,115.29
1) D a	12,708,798.49	205,240.44				12,914,038.93
b						
b a						
2) T a a	58,905,130.88	30,927.64	11,006,017.84			69,942,076.36
C I b a a	739,545,824.88	57,911,060.31	470,315,468.70	267,375,199.35	20,636,200.82	1,555,783,754.06
A i a						
a						
O I b a a	54,586,451.22	9,180,523.04	209,520,830.38	245,800.00	4,686,828.71	278,220,433.35
I a	24,724,814.81	6,597,189.71	49,220,349.48	16,203,984.63	5,115,495.12	101,861,833.75
1) A	17,002,991.00	6,291,605.55	49,220,349.48	11,153,976.53	5,115,495.12	88,784,417.68
2) I a	7,721,823.81	305,584.16		5,050,008.10		13,077,416.07
b						
b a						
D a	10,554,081.56	201,563.23	5,360,206.60			16,115,851.39
1) D a	6,933,726.90	182,436.47				7,116,163.37
b						
b a						
2) T a a	3,620,354.66	19,126.76	5,360,206.60			8,999,688.02
C I b a a	68,757,184.47	15,576,149.52	253,380,973.26	16,449,784.63	9,802,323.83	363,966,415.71
Ca I a						
C I b a a	670,788,640.41	42,334,910.79	216,934,495.44	250,925,414.72	10,833,876.99	1,191,817,338.35
O I b a a	502,330,810.33	21,362,287.99	271,800,656.16		6,067,707.29	801,561,461.77

I b a T a B&M I a I 258,908,900.00 a a b a I b

2) Y a 2020

Items	Land use right	Software	Mining right	Patent right and software copyright	Pollution discharging right	Total
C						
O I ba a . . .	454,214,078.73	24,540,584.21	514,612,477.49	245,800.00	10,754,536.00	1,004,367,476.43
I a	112,310,703.44	6,273,899.85				118,584,603.29
1) A	112,310,703.44	6,273,899.85				118,584,603.29
D a	9,607,520.62	271,673.03	33,290,990.95			43,170,184.60
1) D	2,933,162.25	206,564.22				3,139,726.47
2) T a	6,674,358.37	65,108.81	33,290,990.95			40,030,458.13
C I ba a . . .	556,917,261.55	30,542,811.03	481,321,486.54	245,800.00	10,754,536.00	1,079,781,895.12
A i a						
a						
O I ba a . . .	41,793,179.73	7,047,998.36	172,700,415.42	245,800.00	2,807,633.27	224,595,026.78
I a	13,740,155.58	2,398,954.47	49,652,368.07		1,941,332.10	67,732,810.22
1) A	13,740,155.58	2,398,954.47	49,652,368.07		1,941,332.10	67,732,810.22
D a	946,884.09	266,429.79	12,831,953.11		62,136.66	14,107,403.65
1) D	108,615.62	202,523.17				311,138.79
2) T a	838,268.47	63,906.62	12,831,953.11		62,136.66	13,796,264.86
C I ba a . . .	54,586,451.22	9,180,523.04	209,520,830.38	245,800.00	4,686,828.71	278,220,433.35
Ca I a						
C I ba a . . .	502,330,810.33	21,362,287.99	271,800,656.16		6,067,707.29	801,561,461.77
O I ba a . . .	412,420,899.00	17,492,585.85	341,912,062.07		7,946,902.73	779,772,449.65

3) Y a 2019

Items	Land use right	Software	Mining right	Patent right and software copyright	Pollution discharging right	Total
C						
O I ba a . . .	282,985,647.43	20,291,199.86	506,276,820.54	245,800.00	3,094,245.00	812,893,712.83
I a	171,819,346.93	4,249,384.35	8,335,656.95		7,660,291.00	192,064,679.23
1) A	150,726,177.50	1,697,117.39			5,443,291.00	157,866,585.89
2) I a	20,472,299.95	2,537,663.51			2,217,000.00	25,226,963.46
b						
b a						
3) T a	620,869.48	14,603.45	8,335,656.95			8,971,129.88
D a	590,915.63					590,915.63
1) D						
2) T a	590,915.63					590,915.63
C I ba a . . .	454,214,078.73	24,540,584.21	514,612,477.49	245,800.00	10,754,536.00	1,004,367,476.43
A i a						
a						
O I ba a . . .	32,650,327.80	4,784,308.00	79,040,147.47	245,800.00	1,109,977.49	117,830,560.76
I a	9,234,444.35	2,263,690.36	93,660,267.95		1,697,655.78	106,856,058.44
1) A	8,883,903.01	2,081,658.03	91,610,890.21		1,475,955.78	104,052,407.03
2) I a	204,723.00	169,060.40			221,700.00	595,483.40
b						
b a						
3) T a	145,818.34	12,971.93	2,049,377.74			2,208,168.01
D a	91,592.42					91,592.42

3) Y a 2019

Investees or events resulting in goodwill	Opening balance				
--	----------------------------	--	--	--	--

T a a ab a I II a
 I a

(2) T a B&M

a. R a a I a I I II

Composition of asset group or asset group portfolios	Relevant asset group of Tianjin B&M
Ca I a a I a I a	3,123,226,077.42
Ca I a I a a a I a	870,084,521.17
Ca I a a I a I a	3,993,310,598.59
W I I a a I a a I a Y	

b. I a a I

T ab a I ba a a a b
 a 5- a a a a a b
 C a T a a I a a 13.89% (b
 a), a a b I a a b ab

O a a a a a I a a
 a a a S a a a I b
 C a ba a a a a T
 a b C a - a a a a a I
 a a a a a a I

T a a ab a I II a
 I a

I

(1) Y a 2021

Items	Opening balance	Increase	Amortization	Other decrease	Closing balance
R a a					

(3) Y a 2019

Items	Opening balance	Increase	Amortization	Other decrease	Closing balance
R a	10,910,511.13	56,542,891.74	554,084.98	10,460,745.18	57,546,742.67
M I	5,706,846.61		46,980.54	5,753,827.15	
I a	4,869,739.23			1,298,597.16	3,571,142.07
T a	21,487,096.97	56,542,891.74	601,065.52	17,513,169.49	61,117,884.74

O a a a a I a I a a I a
a I a a I a a a I a b a

I

(1) D a a b

December 31, 2021

December 31, 2020

Items

(2) D a ab b

Items	December 31, 2021		December 31, 2020	
	Taxable temporary difference	Deferred tax liabilities	Taxable temporary difference	Deferred tax liabilities
T a a I	497,855,156.20	69,896,630.79	4,370,535.48	1,092,633.87
D a a	327,054,279.90	74,244,116.70	270,523,736.56	66,541,014.23
Ga a I a	25,920,305.01	4,188,247.13		
T a	850,829,741.11	148,328,994.62	274,894,272.04	67,633,648.10

(C t .)

0. ∇ \dots

D a \dots

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for impairment	Carrying			

(2) N a a a I - b I a a I

Items	December 31, 2021	December 31, 2020	December 31, 2019
H a a a ab	360,612.00	23,939,270.26	
I : D a a a	360,612.00	23,939,270.26	
T a	360,612.00	23,939,270.26	

D a

Items	December 31, 2021	December 31, 2020	December 31, 2019
H I a	104,821,710.25		
T a	104,821,710.25		

4. a a a

(1) D a

Items	December 31, 2021	December 31, 2020	December 31, 2019
T a a a	834,020,112.13	109,583,180.62	451,679,594.57
Ba a a	3,976,777,510.99	965,710,671.67	1,260,004,630.81
T a	4,810,797,623.12	1,075,293,852.29	1,711,684,225.38

(2) O a

Items	December 31, 2021	December 31, 2020	December 31, 2019
N a ab b a		171,455.50	

(1) D a

Items	December 31, 2021	December 31, 2020	December 31, 2019
Pa I	4,114,060,983.46	1,102,497,794.66	773,985,161.80
Pa I I a	2,089,527,914.24	590,724,896.11	573,652,004.38
O	29,583,513.06	96,214,499.11	110,209,663.66
T a	6,233,172,410.76	1,789,437,189.88	1,457,846,829.84

(2) N I a ba a a a I

(1) D a

<u>Items</u>	<u>December 31, 2021</u>	<u>December 31, 2020</u>	<u>December 31, 2019</u>
Pa			47,877,473.73
Pa			
a a	641,739,400.77		
O	3,000,000.13	13,203,500.00	1,604,526.00
T a			

(2) D a - b1) Y a 2021

Items	Opening balance	Increase	Decrease	Closing balance
Wa , b , a a a . b	242,499,817.19	1,612,505,049.52	1,388,202,122.12	466,802,744.59
E a a		133,135,604.49	133,135,604.49	
S a a	2,098,875.38	44,857,314.68	43,824,110.33	3,132,079.73
I : M a	1,960,397.46	39,890,422.84	39,159,285.56	2,691,534.74
O a a	97,168.83	3,688,751.53	3,446,828.36	339,092.00
Ma	41,309.09	1,278,140.31	1,217,996.41	101,452.99
H . I	1,106,875.00	24,822,073.56	23,903,333.56	2,025,615.00
T a				
a	25,633.87	11,826,395.32	11,774,161.76	77,867.43
S b a	245,731,201.44	1,827,146,437.57	1,600,839,332.26	472,038,306.75

2) Y a 2020

Items	Opening balance	Increase	Decrease	Closing balance
Wa , b , a a a . b	145,702,718.97	936,812,453.51	840,015,355.29	242,499,817.19
E a a		109,981,827.50	109,981,827.50	
S a a	1,969,871.06	26,975,520.80	26,846,516.48	2,098,875.38
I : M a	1,701,693.69	24,969,359.81	24,710,656.04	1,960,397.46
O a a	232,867.68	1,025,957.71	1,161,656.56	97,168.83
Ma	35,309.69	980,203.28	974,203.88	41,309.09
H . I	546,200.00	16,879,252.67	16,318,577.67	1,106,875.00
T a				
a	53.98	7,359,684.45	7,334,104.56	25,633.87
S b a	148,218,844.01	1,098,008,738.93	1,000,496,381.50	245,731,201.44

3) Y a 2019

Items	Opening balance	Increase	Decrease	Closing balance
Wa , b , a a a . b	104,773,728.30	663,480,884.48	622,551,893.81	145,702,718.97
E a a		74,484,583.94	74,484,583.94	
S a a	1,549,809.78	20,216,636.92	19,796,575.64	1,969,871.06
I : M a	1,259,693.89	16,831,867.86	16,389,868.06	1,701,693.69
O a a	217,918.40	2,355,453.42	2,340,504.14	232,867.68
Ma	72,197.49	1,029,315.64	1,066,203.44	35,309.69
H . I	470,956.00	12,151,685.27	12,076,441.27	546,200.00
T a				
a	765,867.99	5,292,399.51	6,058,213.52	53.98
S b a	107,560,362.07	775,626,190.12	734,967,708.18	148,218,844.01

(3) D a b a1) Y a 2021

Items	Opening balance	Increase	Decrease	Closing balance
Ba	1,154,722.82	55,904,422.71	51,498,039.80	5,561,105.73
U	41,317.30	1,962,506.26	1,811,649.01	192,174.55
S b a	1,196,040.12	57,866,928.97	53,309,688.81	5,753,280.28

2) Y a 2020

Items	Opening balance	Increase	Decrease	Closing balance
Ba	2,372,407.78	12,730,246.66	13,947,931.62	1,154,722.82
U	84,476.98	459,467.04	502,626.72	41,317.30
Sib	2,456,884.76	13,189,713.70	14,450,558.34	1,196,040.12

3) Y a 2019

Items	Opening balance	Increase	Decrease	Closing balance
Ba	1,865,426.05	27,244,090.42	26,737,108.69	2,372,407.78
U	66,501.92	969,329.93	951,354.87	84,476.98
Sib	1,931,927.97	28,213,420.35	27,688,463.56	2,456,884.76

Items	December 31, 2021	December 31, 2020	December 31, 2019
VAT	330,301,986.69	155,628,207.52	91,443,421.90
E			

(3) O a ab .

1) D a .

Items

December 31, 2021

December 31, 2020

December 31, 2019

I. *as - s . . . s as*

(1) D a

Items	December 31, 2021	December 31, 2020	December 31, 2019
L I - b I - i			
a	1,911,767,314.98	903,085,107.35	231,438,388.99
Ca a a	18,477,837.35	320,324,659.86	582,512,686.04
Sa a a ba i - i			
a	679,795,502.76	224,599,857.57	289,591,919.50
B a ab a			
a			107,368,599.95
L a ab	25,917,330.55		
T a	2,635,957,985.64	1,448,009,624.78	1,210,911,594.48

(2) D a I - b I - i a

Items	December 31, 2021	December 31, 2020	December 31, 2019
G a a b I	1,160,122,228.30	694,289,142.24	138,135,000.05
G a a a I a			
b	524,552,687.31	205,373,753.35	92,511,724.82
G a a a I b I	100,000,000.00		
M I a b I		1,741,700.16	
C b I	125,159,270.83		
I b I	1,933,128.54	1,680,511.60	791,664.12
T a	1,911,767,314.98	903,085,107.35	231,438,388.99

(3) O a

- 1) P a V (I) 36 a a a a
- 2) P a V (I) 36 a a a a
- 3) P a V (I) 34 a a a a

Items	December 31, 2021	December 31, 2020	December 31, 2019
O i VAT b I	4,147,523.95	4,503,600.24	
T a	4,147,523.95	4,503,600.24	

Items	December 31, 2021	December 31, 2020	December 31, 2019
G a a b I	981,754,275.12	771,622,693.39	190,439,800.05
M I a b I		33,092,303.01	
G a a a I a			
b	1,263,295,850.63	615,374,610.27	860,699,103.90
G a a a I b I	4,485,420,000.00		
I I b I	7,790,519.67	1,915,366.51	2,118,542.98
T a	6,738,260,645.42	1,422,004,973.18	1,053,257,446.93

4. a_1, a_2, \dots

2) Y a 2020

<u>Items</u>	<u>Opening balance</u>	<u>Increase</u>	<u>Decrease</u>	<u>Closing balance</u>	<u>Reasons for balance</u>
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Items	Opening balance	Increase	Grants included into profit or loss	Closing balance	Related to assets/income
Si b a	7,217,380.26	20,797,814.04	1,310,582.50	26,704,611.80	R a a
C a a	1,680,000.00		180,000.00	1,500,000.00	R a a
Si b a	877,746.65		66,206.04	811,540.61	R a a
Si b a	12,000,000.00	3,000,000.00	666,666.67	14,333,333.33	R a a
Si b a	9,816,659.63		1,000,002.06	8,816,657.57	R a a
Si b a	3,560,000.00	4,585,000.00	271,500.00	7,873,500.00	R a a
Si b a		18,798,809.95	985,363.10	17,813,446.85	R a a
Si b a		3,130,120.12	159,992.65	2,970,127.47	R a a
S a b a		30,772,314.06	1,531,308.43	29,241,005.63	R a a
I a a		13,500,000.00		13,500,000.00	R a a
O a	1,800,247.69		444,940.84	1,355,306.85	R a a
O a	45,675.22	1,490,739.47	451,061.62	1,085,353.07	R a
Si b a	410,473,311.89	127,413,977.19	19,014,176.16	518,873,112.92	

2) Y a 2020

Items	Opening balance	Increase	Grants included into profit or loss	Closing balance	Related to assets/income
Si b	126,815,236.69	123,316,040.00	3,390,895.92	246,740,380.77	R, a
F, a	19,940,207.64	562,600.00	963,060.84	19,539,746.80	R, a
F, a	18,996,068.57	15,561,600.00	1,089,511.04	33,468,157.53	R, a
Si b	13,500,000.00	13,500,000.00	783,506.14	26,216,493.86	R, a
O	12,207,500.01		295,990.17	11,911,509.84	R, a
S	12,351,862.84	4,687,200.00	437,054.70	16,602,008.14	R, a
F	10,000,000.00			10,000,000.00	R, a
F, a	9,550,267.78		552,962.28	8,997,305.50	R, a
Si	7,662,599.46		445,219.20	7,217,380.26	R, a
C	1,800,000.00		120,000.00	1,680,000.00	R, a
Si b	943,952.52		66,205.87	877,746.65	R, a
Si b		12,000,000.00		12,000,000.00	R, a

Items	Opening balance	Increase	Grants included into profit or loss	Closing balance	Related to assets/income
Si b		10,000,000.00	183,340.37	9,816,659.63	R, a . . . a . . .
Si b		3,560,000.00		3,560,000.00	R, a . . . a . . .
Ma	2,294,042.62	605,700.00	2,899,742.62		R, a . . .
O	2,030,809.47	235,400.00	465,961.78	1,800,247.69	R, a . . . a . . .
O	720,675.22		675,000.00	45,675.22	R, a . . .
Si b	238,813,222.82	184,028,540.00	12,368,450.93	410,473,311.89	

3) Y a 2019

Items	Opening balance	Increase	Grants included into profit or loss [Note 2]	Closing balance	Related to assets/income
Si b	61,751,092.56	68,455,040.00	3,390,895.87	126,815,236.69	R, a . . . a . . .
F	15,844,811.56	4,953,100.00	857,703.92	19,940,207.64	R, a . . . a . . .
Si b	13,500,000.00			13,500,000.00	R, a . . . a . . .
F	10,103,230.01		552,962.23	9,550,267.78	R, a . . . a . . .
F	10,000,000.00			10,000,000.00	R, a . . . a . . .
F	8,760,979.72	10,797,500.00	562,411.15	18,996,068.57	R, a . . . a . . .
S	8,639,605.40	3,992,800.00	280,542.56	12,351,862.84	R, a . . . a . . .
Si	8,107,818.61		445,219.15	7,662,599.46	R, a . . . a . . .

Items	Opening balance	Increase	Grants included into profit or loss [Note 2]	Closing balance	Related to assets/income
Operating expenses	7,021,433.34	5,382,400.00	196,333.33	12,207,500.01	Reserve for contingencies
Cost of sales	1,800,000.00			1,800,000.00	Reserve for contingencies
Share-based payments	1,010,158.52		66,206.00	943,952.52	Reserve for contingencies
Management fees	1,746,600.00	1,327,700.00	780,257.38	2,294,042.62	Reserve for contingencies
Operating expenses	2,577,710.81		546,901.34	2,030,809.47	Reserve for contingencies
Operating expenses	295,675.22	1,800,000.00	1,375,000.00	720,675.22	Reserve for contingencies
Share-based payments	151,159,115.75	96,708,540.00	9,054,432.93	238,813,222.82	
Intangible assets		78,623,800.21			Reserve for contingencies
Prepaid expenses					Reserve for contingencies

(1) Details

1) Year 2021

Items	Opening balance	Movements				Subtotal	Closing balance
		Issue of new shares	Bonus shares	Reserve transferred to shares	Others		
Operating expenses	1,141,261,526	79,966,957				79,966,957	1,221,228,483

2) Year 2020

Items	Opening balance	Movements				Subtotal	Closing balance
		Issue of new shares	Bonus shares	Reserve transferred to shares	Others		
Operating expenses	1,078,671,471	62,590,055				62,590,055	1,141,261,526

3) Year 2019

Items	Opening balance	Movements				Subtotal	Closing balance
		Issue of new shares	Bonus shares	Reserve transferred to shares	Others		
Operating expenses	829,747,285			248,924,186		248,924,186	1,078,671,471

(2) O a

P a V (I) 40 a a a a I

40. C

(1) D a

Items	December 31, 2021	December 31, 2020	December 31, 2019
S a	9,686,588,328.31	3,468,523,886.81	2,195,482,589.21
O a a	531,708,256.11	411,174,717.62	411,174,717.62
T a	10,218,296,584.42	3,879,698,604.43	2,606,657,306.83

(2) O a

1) Y a 2019

Ca a (a) a a D b 31, 2019 a 240,410,999.24 i a a a a D b 31, 2018.

a. I 2019, a a (a) a a b 8,513,186.76 i a . P a VII (II) 2 a a a

b. I 2019, a a (a) a a b 248,924,186.00 i a , a a C a a 248,924,186 a (a a a i a) b 248,924,186.00 i a 3 a 10 a a a a a a a a 829,747,285 a i i a 2018. S i a a a a b b Pa -C a C P i b A i a a LLP, a a Ca a V a R i b PCCPACVR [2019] 297 a i i J i 28, 2019. T C a a I a a a a a I a a a a I a S b 11, 2019.

2) Y a 2020

Ca a (a) a a D b 31, 2020 a 1,273,041,297.60 i a I a a a a D b 31, 2019.

A. I 2020, a a (a) a a b 1,526,240,193.89 i a i i I

a. P i i a 28 i a 29 i a a B a D i a a a a 2019, a i i a a a i i a b Z J a X i K [2020] 179, () C a a 34,110,169 i a W i C a X N . I I Pa (LP) (C a X) a 23.60 i a a a 15.68% i H i a Q i i . A a a a a a 34,110,169.00 i a a a a (a) 770, 99. 31.00 i a S i a a a a a b b Pa -C a C P i b A i a a LLP, a a Ca a V a R i b PCCPACVR [2020] 14 a i i () C a a a RMB a a (A a) 28,479,886 a a a a a 28.09 i a a , H i a a U S i C ., L . a . CITIC S i C ., L . a a i i T a a i i a

() P... a... a... b... a... a... b...
 14 I a... 17 B a...
 D a... a... a... a... 2021, a...
 J... 17, 2021 a... a... C... a... I... a... 6,829,900
 a... a... 720 b... a... 37.89 a... a...
 A... a... a... a... 6,829,900.00 a... a... (a...
) 251,955,011.00 a... S... a...
 a... a... b... Pa -C... a... C... I... P... b... A... a... LLP,
 a... a... Ca... a... V... a... R... a... b... PCCPACV... [2021] 349 a...
 a... M... a... I... a... C... a...
 A... I... S... a... B... E... N... 7... a... a...
 a... b... 258,784,911.00 a... a... a... ab... a...
 b... 258,784,911.00 a... ba... a... b... a...
 a... I... a... b... I... a...

() P... a... a... b... a... a... b...
 21 B a... D... a...
 a... a... I... a... 2021, a... S... b... 28, 2021 a...
 I... a... a... C... a... I... a... 1,494,200 a...
 255 b... a... 53.84 a... a... A... a...
 a... a... a... 1,494,200.00 a... a... (a...)
 78,953,528.00 a... S... a... a... a...
 b... b... Pa -C... a... C... I... P... b... A... a... LLP, a... a...
 Ca... a... V... a... R... a... b... PCCPACV... [2021] 593 a...
 a... M... a... I... a... C... a... A... I...
 S... a... B... E... N... 7... a... a... a...
 b... 80,447,728.00 a... a... a... ab... a... b... 80,447,728.00
 a... ba... a... b... a... a... I...
 a... b... I... a...

() T... b... a... Ta... B&M... b... I... a...
 a... I... a... a... I... C... a... I... a... a...
 a... a... a... a... b... 12,206,546.48 a... ba...
 a... a... a... a... a... a... a... a... a...
 a... a... a... a... a... a... a... a... a... I...
 a... -ba... a... Ta... B&M.

() T... C... a... a... a... b... a... T... I... a... H... a... a...
 W... I... H... a... a... a... a... a... b... 315,956.20 a...
 ba... b... a... a... a... a...
 a... a...

b. I 2021, a... a... (a...) a... a... b... 8,727,397.32 a...
 I...

() T... C... a... a... a... b... a... SES...
 C... a... a... a... a... I... a... b... 8,088,340.85 a... ba...
 a... b... a... a... a... a...
 a... a... a...

() T... C... a... a... a... b... a... J... a... H... a... a...
 B... I... H... a... a... a... a... a... b... 639,056.47 a...
 ba... b... a... a... a... a...
 a... a... a...

B. Ca a (a) a a D b 31, 2021 a 120,533,538.49 a
I a a a a D b 31, 2020 . i // I :

a. A I C a ' i - / a , / a - a -

(2) Y a 2020

Items	Opening balance	Current period cumulative					Less: OCI previously recognized but transferred to retained earnings in current period (attributable to parent company after tax)	Closing balance
		Net OCI after tax			Attributable to non-controlling shareholders after tax			
		Current period cumulative before income tax	Less: OCI previously recognized but transferred to profit or loss in current period	Less: Income tax expenses		Attributable to parent company after tax		
I a b								
I a b	-28,688,489.24	-16,276,517.52			-16,276,517.52		-44,965,006.76	
I a b	-28,688,489.24	-16,276,517.52			-16,276,517.52		-44,965,006.76	
I a b	203,914,647.81	-358,239,828.64			-304,942,800.88	-53,297,027.76	-101,028,153.07	
I a b	8,023,617.00	-63,418,820.75			-63,418,820.75		-55,395,203.75	
T a a	195,891,030.81	-294,821,007.89			-241,523,980.13	-53,297,027.76	-45,632,949.32	
T a a	175,226,158.57	-374,516,346.16			-321,219,318.40	-53,297,027.76	-145,993,159.83	

(3) Y a 2019

Items	Opening balance	Current period cumulative					Less: OCI previously recognized but transferred to retained earnings in current period (attributable to parent company after tax)	Closing balance
		Net OCI after tax			Attributable to non-controlling shareholders after tax			
		Current period cumulative before income tax	Less: OCI previously recognized but transferred to profit or loss in current period	Less: Income tax expenses		Attributable to parent company after tax		
I a b								

4

(1) D a

Y a 2021

<u>Items</u>	<u>Opening balance</u>	<u>Increase</u>	<u>Decrease</u>	<u>Closing balance</u>
W , a				

3) Y a 2019

S a i a a D b 31, 2019 a 4,703,198.42 i a a a
 a a D b 31, 2018, a 1,555,884.22 i a
 b a a a a J a i a 1, 2019 C a
 a a J a i a 1, 2019 (. III
 (XXXIII) a a); a b a
 a i 3,147,314.20 i a a 10% I b a
 a 2019.

4

(1) D a

Items	Year 2021	Year 2020	Year 2019
B a a b a i a	4,807,657,608.58	3,678,911,443.81	3,647,054,561.91
A I a a (. a)			-1,555,884.22
O b a a a a i	4,807,657,608.58	3,678,911,443.81	3,645,498,677.69
A N a b i a b a a a	3,897,503,525.74	1,164,842,854.12	119,534,808.82
L A a a i i	86,299,244.04	36,096,689.35	3,147,314.20
D a a b a a a	242,580,876.60		82,974,728.50
C I b a a	8,376,281,013.68	4,807,657,608.58	3,678,911,443.81

(2) O a

1) Y a 2021

P i a P D b i P a 2020 b a a a b
 a a 2020, b a a a a 1,212,904,383 a a
 a b i a I a a a b i C a
 b i a 2.00 i a (a) 10 a a I
 242,580,876.60 i a

2) Y a 2019

a. T C a a a a a a a J a i a
 1, 2019, a a a b a a a a J a i a 1, 2019
 b -1,555,884.22 i a P a III (XXXIII) 3 a
 a a

b. P i a P D b i P a 2018 b a a a b
 a a 2018, b a a a a 829,747,285 a
 C a b i a 1.00 i a (a) 10 a
 a I 82,974,728.50 i a

(II) Notes to items of the consolidated income statement

1. *Revenue and Cost of Sales*

(1) Data

Items	Year 2021		Year 2020		Year 2019	
	Revenue	Cost	Revenue	Cost	Revenue	Cost
Manufacturing	34,260,483,178.74	27,315,814,905.28	20,391,649,685.92	17,527,983,920.38	18,459,062,264.47	16,487,538,528.75
Operating	1,056,065,821.22	815,253,535.55	795,194,279.83	486,078,464.39	393,766,198.75	260,723,043.15
Total						

Items	Year 2021	Year 2020	Year 2019
U b a a a a	19,449,572.64	9,536,977.33	4,802,006.94
E . i a a I	8,344,669.70	4,094,419.01	2,058,002.98
L a a a I	5,563,113.15	2,739,608.01	1,372,001.97
M a a	252,331,683.53	149,990,294.60	230,729,795.21
H I a	2,184,510.75	11,198,677.54	3,490,813.76
La I a	1,196,828.35	6,191,972.60	3,300,812.18
S a	11,574,021.02	5,420,021.88	5,551,897.95
O	3,315,788.96	4,794,955.02	2,460,638.13
T a			

Items	Year 2021	Year 2020	Year 2019
G	18,563,114.54	8,793,708.31	6,899,175.55
G	31,645,987.32	53,695,454.88	79,097,654.97
R	572,918.39	485,163.11	299,167.39
T	50,782,020.25	62,974,326.30	86,295,997.91
P a V (IV) 3	a a a	a a a	a a a

D a

Items	Year 2021	Year 2020	Year 2019
I	599,789,831.39	58,862,496.59	-9,014,236.77
I	100,646,800.54	19,614,188.31	5,090,389.40
L D[(S761949TD[ab])TJ1-1.2199TD9(a D)T 4176390TD.35T (.....)T			

Items	Year 2021	Year 2020	Year 2019
R	59,848,145.99	106,373,750.00	38,634,541.51
Fi		176,778,674.26	283,112,964.42
Ca	149,611,023.32	19,524,777.78	373,224,578.99
Fi	970,000,000.00	370,000,000.00	500,000,000.00
R	1,912,147,177.57	1,878,848,300.43	784,883,407.60
R		9,000,000.00	5,000,000.00
R	21,370,393.00		
Pa	8,500,000.00		
Pa	5,000,000.00		
T	3,126,476,739.88	2,560,525,502.47	1,984,855,492.52

Items	Year 2021	Year 2020	Year 2019
Pa	620,221,956.10	94,280,001.00	106,373,750.00
R			283,839,061.95
Pa		27,563,403.38	
Pa	486,278,861.90	407,079,093.70	341,977,321.18
Pa	65,900,000.00	10,000,000.00	38,400,000.00
Ba	20,000,000.00	384,930,000.00	63,093,168.58
Pa	7,480,766.06	14,233,647.00	7,269,775.00
R	1,924,530,243.34	1,873,383,581.53	34,898,501.39
Fi			
A		4,516,723.64	
Pa	30,502,932.44		
Pa	38,331,686.76		
T	3,193,246,446.60	2,815,986,450.25	875,851,578.10

.....

(1) S..... a a a a

Supplementary information	Year 2021	Year 2020	Year 2019
1) R..... a a			
N.....	4,023,639,932.18	1,125,653,177.92	108,123,915.50

Items	Carrying amount	Reasons for restrictions
I 364,660,857.10	a	a a
1,768,804.83	b	a a X
4,105,444,007.99	M a ₁ ba	a a
428,453,373.36	M a ₁ ba	a I
253,140,794.88	M a ₁ ba	a I
9,507,569,957.43		

(2) O a

A 2021, C a 36.86% T a B&M, 80.00%
 CDM C a , 80.68% H a i Q i a 100.00% H a i a
 C C a a I a a

(1) D a a D b 31, 2021

Items	Balance in foreign currencies	Exchange rate	RMB equivalent
Ca a ba ba a			4,208,307,126.76
I : USD	650,804,604.63	6.3757	4,149,334,917.74
EUR	1,414,908.18	7.2197	10,215,212.59
HKD	796,682.84	0.81760	651,367.89
AUD	62.39	5.65313	352.70
IDR	81,984,739,095.61	0.0004467160	36,623,894.71
ZAR	16,095,668.58	0.40040	6,444,705.70
CDF	1,571,164,657.07	0.003188	5,008,872.93
ARS	227,241.99	0.06209	14,109.46
SGD	2,902.36	4.7179	13,693.04
A : ab			1,728,953,250.29
I : USD	271,137,398.84	6.3757	1,728,690,713.78
ZAR	655,685.58	0.40040	262,536.51
O : ab			30,363,231.47
I : USD	4,287,033.57	6.3757	27,332,839.93
HKD	150,845.31	0.81760	123,331.13
IDR	6,427,853,072.85	0.0004467160	2,871,424.81
ZAR	89,000.00	0.40040	35,635.60
L : ab			336,406,346.60
I : USD	52,763,829.32	6.3757	336,406,346.60
S : b			2,327,209,334.24
I : USD	364,193,652.55	6.3757	2,321,989,470.56
EUR	723,002.85	7.2197	5,219,863.68
A : a ab			3,216,437,316.55
I : USD	460,670,847.51	6.3757	2,937,099,122.47
EUR	188,439.50	7.2197	1,360,476.66
IDR	605,094,798,949.00	0.0004467160	2,763,829.51

Items	Balance in foreign currencies	Exchange rate	RMB equivalent
Item 1: USD	97,018,045.20	6.3757	618,557,950.78
Item 2: USD	618,182,727.79	6.3757	3,941,347,617.57
Item 3: USD	50,189,583.30	6.3757	319,993,726.26

(2) R a I a

Foreign operating entities	Main operating place	Functional currencies	Basis for selection of functional currencies
H a i H I K I	H I K I, C a	HKD	T a i
H a i S I a	S I a	USD	T a a i
CDM C I a	T I D a R i b	USD	T a a i
MIKAS C a	T D C I a R i b	USD	T a a i
H a i C a	R i b I a	USD	T a a i
H a i I a	R i b I a	USD	T a a i

.

(1) D a

1) Y a 2021

a. G I a a a

Items	Opening balance of deferred income	Increase	Amortization	Closing balance of deferred income	Amortization presented under	Remarks
Item 1: a i i	246,740,380.77		4,290,675.01	242,449,705.76	O	
Item 2: a i b	19,539,746.80		1,185,676.93	18,354,069.87	O	
Item 3: a I a	33,468,157.53	17,346,976.98	2,250,132.27	48,565,002.24	O	
Item 4: a I a	26,216,493.86		1,202,091.56	25,014,402.30	O	
Item 5: a a	11,911,509.84		623,016.96	11,288,492.88	O	
Item 6: a a						
Item 7: a a						
Item 8: a i b	16,602,008.14		489,225.48	16,112,782.66	O	
Item 9: a a						
Item 10: a i	10,000,000.00		1,000,000.08	8,999,999.92	O	
Item 11: a i b						
Item 12: a a	8,997,305.50	13,992,202.57	905,733.96	22,083,774.11	O	
Item 13: a I a						

F a b

I b a

Items	Opening balance of deferred income	Increase	Amounts carried forward	Closing balance of deferred income	Amounts carried forward presented under	Remarks
F a b		2,466,800.00	2,466,800.00		F a a	
S i b a		2,466,800.00	2,466,800.00			

2) Y a 2020

a. G I a a a

Items	Opening balance of deferred income	Increase	Amortization	Closing balance of deferred income	Amortization presented under	Remarks
S i b a a i i	126,815,236.69	123,316,040.00	3,390,895.92	246,740,380.77	O	
F a b	19,940,207.64	562,600.00	963,060.84	19,539,746.80	O	
F a b a I a	18,996,068.57	15,561,600.00	1,089,511.04	33,468,157.53	O	
S i b a I a	13,500,000.00	13,500,000.00	783,506.14	26,216,493.86	O	
O a a	12,207,500.01		295,990.17	11,911,509.84	O	
S a b a a	12,351,862.84	4,687,200.00	437,054.70	16,602,008.14	O	
F a a I a	10,000,000.00			10,000,000.00	O	
F a b a a a	9,550,267.78		552,962.28	8,997,305.50	O	
S i a I a	7,662,599.46		445,219.20	7,217,380.26	O	
C a a a	1,800,000.00		120,000.00	1,680,000.00	O	
S i b a I a	943,952.52		66,205.87	877,746.65	O	
S i b a a a		12,000,000.00		12,000,000.00	O	

Items	Opening balance of deferred income	Increase	Amortization	Closing balance of deferred income	Amortization presented under	Remarks
S_t b_ a		10,000,000.00	183,340.37	9,816,659.63	O	
S_t b_ a		3,560,000.00		3,560,000.00	O	
I a a						
O a	2,030,809.47	235,400.00	465,961.78	1,800,247.69	O	
. b						
S_t b_ a						

3) Y a 2019

a. G I a a a

Items	Opening balance of deferred income	Increase	Amortization	Closing balance of deferred income	Amortization presented under	Remarks
Sib	61,751,092.56	68,455,040.00	3,390,895.87	126,815,236.69	O	
F	15,844,811.56	4,953,100.00	857,703.92	19,940,207.64	O	
Sib	13,500,000.00			13,500,000.00	O	
F	10,103,230.01		552,962.23	9,550,267.78	O	
Fi	10,000,000.00			10,000,000.00	O	
F	8,760,979.72	10,797,500.00	562,411.15	18,996,068.57	O	
S	8,639,605.40	3,992,800.00	280,542.56	12,351,862.84	O	
S	8,107,818.61		445,219.15	7,662,599.46	O	
O	7,021,433.34	5,382,400.00	196,333.33	12,207,500.01	O	
C	1,800,000.00			1,800,000.00	O	
Sib	1,010,158.52		66,206.00	943,952.52	O	
O	2,577,710.81		546,901.34	2,030,809.47	O	
Sib	149,116,840.53	93,580,840.00	6,899,175.55	235,798,504.98		

b. G I a a a a a a

Items	Opening balance of deferred income	Increase	Amounts carried forward	Closing balance of deferred income	Amounts carried forward presented under	Remarks
Ma	1,746,600.00	1,327,700.00	780,257.38	2,294,042.62	O	
O	295,675.22	1,800,000.00	1,375,000.00	720,675.22	O	
Sib	2,042,275.22	3,127,700.00	2,155,257.38	3,014,717.84		

VI. Changes in the consolidation scope

(I) Business combination not under common control

I. *(Faint, illegible text)*

(1) Ba a

Acquirees	Equity acquisition date	Equity acquisition cost	Proportion of equity acquired (%)	Equity acquisition method
1) Y a 2021 T a B&M.....	J _i 2021	1,351,200,000.00	38.62	A i
2) Y a 2019 H _i a a N E I.....	Ma 2019	772,741,367.00	99.01	Ca a i
H _i a i a I I a a.....	A _f 2019	6.73	100.00	Ca a i

(C i .)

Acquirees	Acquisition date	Determine basis for acquisition date	Acquiree's income from acquisition date to period end	Acquiree's net profit from acquisition date to period end
1) Y a 2021..... T a B&M.....	J _i 2021	P a a		

Ca

(1) D a

Items	Year 2021	
	Tianjin B&M	
C b a	1,351,200,000.00	
Ca	1,351,200,000.00	
O I a		
T a I b a	1,351,200,000.00	
L : S a a a a b a a	1,015,195,405.89	
L : O		
G /Ba a a a a a a		
I b a	336,004,594.11	

(C i .)

Items	Year 2019	
	Huahai New Energy	Huachuang International
C b a	778,741,367.00	6.73
Ca	772,741,367.00	6.73
O I a	6,000,000.00	
T a I b a	778,741,367.00	6.73
L : S a a a a b a a		
a i	649,271,051.22	6.73
L : O	34,334,116.92	
G /Ba a a a a a a		
a i a I b a	95,136,198.86	

T C a b a N E I Q i i f f 0.99% i H a a N E I

(C i .)

Items

(II) Disposal of subsidiaries

▼ -

1. D a

Subsidiaries	Equity disposal consideration	Equity disposal proportion (%)	Equity disposal method	Loss of control date	Determination basis for loss of control date	Difference between disposal consideration and net assets attributable to the Company at the consolidated financial statements level
1) Y a 2021						
TMC C a	153,760,408.68	70.00	T a	Ma 2021	P a	17,647,751.61
SESA C a	75,339,504.00	100.00	T a	O b 2021	P a	80,748,498.37
2) Y a 2019						
H a N I	6.89	100.00	T a	J i 2019	P a	3,672,807.50

(C i . .)

Subsidiaries	Proportion of remaining equity at the loss of control date	Carrying amount of remaining equity at the loss of control date	Fair value of remaining equity at the loss of control date	Gains/Losses on remeasurement of remaining equity	Determination method and major assumption on fair value of remaining equity at the loss of control date	Changes in other comprehensive income/equity related to former subsidiary's equity transferred to investment income
1) Y a 2021						
TMC C a						4,471,296.04
SESA C a						-2,220,745.48
2) Y a 2019						
H a N I						1,417,581.90

2. O a

(1) TMC C a

T C a ' i b - a H a i I a a H I 70.00% i TMC
 C a . P i i a E i A i A b H a i
 I a a H I a A a I C ., L . D b 2020, H a i
 I a a H I a 70.00% i TMC C a A a I
 C ., L . a a KRW 26,950,000,000.00 (i a 153,760,408.68
 i a). A A 6, 2021, H a i I a a H I a
 a b A H a i I a a H I a i a TMC
 C a , TMC C a a

(2) SESA C a

T C a b a H a M H K 100.00% SESA
C a P a D b a E T a A
H a M H K S Z a I a L C L
G C ., L a SESA C a S b 2021, H a M H K
a 100.00% a b SESA C a S Z a
I a a L a a USD11,680,000.00 (a)
75,339,504.00 (a) a USD25,988,868.91 (a) 167,636,001.13 (a)

.....

Entities	Equity disposal method	Equity disposal date	Disposal-date net assets	Net profit from the period beginning to the disposal date
Y a 2020				
I a a R I	Ca // a	A _t 2020		
H I				
I a a R i	Ca // a	A _t 2020		
R				
H a i P I	Ca // a	N b 2020	3,701,301.12	-12,242,823.85

VII. Interest in other entities

(I) Interest in significant subsidiaries

I.

(1) Ba a

Subsidiaries	Main operating place	Place of registration	Business nature	Holding proportion (%)		Acquisition method
				Direct	Indirect	

Subsidiaries	Main operating place	Place of registration	Business nature	Holding proportion (%)		Acquisition method
				Direct	Indirect	
Huaicheng	Reb	Reb	Material	57.00		Equity
Ta B&M	Ta C	Ta C	Material	36.86		Buyback
CIT B&M	Jia C, S, P	Jia C, S, P	Material			Buyback

TC a reb Ta B&M 100% CIT B&M.

(2) O a

Pa VI (I) 1 a a a a Ta B&M.

Subsidiaries	Holding proportion of non-controlling shareholders	Non-controlling shareholders' profit or loss		
		Year 2021	Year 2020	Year 2019
Huaicheng	15.68			30,549,663.23
Huaicheng	49.00	-40,866,496.79	-732,502.33	751,037.91
HUAYOU-POSCO	40.00	-8,542,058.63	-1,549,932.80	177,534.06
Huaicheng	43.00	-21,763,072.75	-19,388,954.46	-2,497,180.56
Ta B&M	63.14	110,249,956.79		

(C)

Subsidiaries	Dividend declared to non-controlling shareholders		
	Year 2021	Year 2020	Year 2019
Huaicheng			
Huaicheng			
HUAYOU-POSCO			
Huaicheng			
Ta B&M			

(C)

Subsidiaries	Closing balance of non-controlling interest		
	December 31, 2021	December 31, 2020	December 31, 2019
Huaicheng			550,457,703.28
Huaicheng	493,980,755.21	534,847,252.00	404,038,458.08
HUAYOU-POSCO	124,293,344.11	132,835,402.74	134,385,335.54
Huaicheng	700,280,194.03	722,043,266.78	143,096,181.31
Ta B&M	1,546,300,807.05		

TC a reb Ta B&M 100% CIT B&M. 15.68% Huaicheng F b a 13, 2020. TC a reb Ta B&M 100% CIT B&M. Huaicheng F b a 13, 2020.

(1) Assets and liabilities

Subsidiaries	December 31, 2021					
	Current assets	Non-current assets	Total assets	Current liabilities	Non-current liabilities	Total liabilities
Huayu Qiyuan						
Huayu Chemical	1,174,398,796.08	1,036,281,736.03	2,210,680,532.11	1,138,249,969.78	64,306,572.11	1,202,556,541.89
HUAYOU-POSCO	134,676,295.67	548,447,419.35	683,123,715.02	295,417,498.35	76,972,856.40	372,390,354.75

(II) Transactions resulting in changes in subsidiaries' equity but without losing control

1. Changes in subsidiaries' equity

Subsidiaries	Date of change	Holding proportion	Holding proportion
		before change	after change
		(%)	(%)
(1) Year 2021			
Jiangsu Huayu	February 2021	45.00	35.00
Beijing Huashan	April 2021	68.00	51.00
Tongxiang Huashan	April 2021	68.00	51.00
Wuxi Huashan	April 2021	68.00	51.00
SESA Company	October 2021	70.00	100.00
Tianjin B&M	November 2021	38.62	36.86
(2) Year 2020			
Huayu Quzhou	January 2020	84.32	100.00
Huayu China	April 2020	58.00	57.00
Huayu America	October 2020	60.00	100.00
Jiangsu Huayu	December 2020	40.00	45.00
(3) Year 2019			
Huayu NEI	March 2019	100.00	40.23

For the above changes in subsidiaries' equity, the Company has not recognized any impairment loss on its investment in subsidiaries.

Year 2021

Items	Jiangsu Huayu	Tianjin B&M	SESA Company	Beijing Huashan	Tongxiang Huashan	enzhou Huashan
Assets						
Capital	5,000,000.00					8,500,000.00
Reserves			6,003,668.72			
Total	5,000,000.00		6,003,668.72			8,500,000.00
Liabilities						
Accounts payable	5,621,489.48	14,475,007.81	-2,084,672.13	17,566.99	-313,655.60	8,497,699.40
Bank borrowings	-621,489.48	-14,475,007.81	8,088,340.85	-17,566.99	313,655.60	2,300.60
Other liabilities	-621,489.48	-14,475,007.81	-8,088,340.85	-17,566.99	313,655.60	2,300.60

(C) Changes in subsidiaries' equity

Year 2020

Items	Huayu Quzhou	Huayu America	Huayu Company	Jiangsu Huayu
Assets				
Capital		4,516,723.64		
Reserves	805,000,000.00			
Total	805,000,000.00	4,516,723.64		
Liabilities				
Accounts payable	551,801,103.71	4,839,533.00	-63,268.42	290,736.62
Bank borrowings	253,198,896.29	-322,809.36	63,268.42	-290,736.62
Other liabilities	-253,198,896.29	322,809.36	63,268.42	290,736.62

Items	Year 2019
	Huayou New Energy
A	1,040,000,000.00
Ca	1,040,000,000.00
Fa	
T a a	1,040,000,000.00
L : S a	
a	1,031,486,813.24
B a a	8,513,186.76
I : Ca a	8,513,186.76

P i t a C a a a S a I a A C a b a H a i N
 E I , CITIC S i I C L C a a I a CITIC S i I C ,
 L a a a a 1.04 b H a i N E I a a 59.77%
 H a i N E I A a b 8,513,186.76 a C a a 40.23%
 H a i N E I a a A C a a b a
 B a D I H a i N E I a a , H a i N E I a b i

(III) Interest in joint ventures or associates

I. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

(1) Ba a

Joint ventures or associates	Main operating place	Place of registration	Business nature	Holding proportion (%)		Accounting treatment on investments in joint ventures or associates
				Direct	Indirect	
P i t a C a	T I a I C , Z a I P	T I a I C , Z a I P	N - a a	40.00		E i
AVZ C a	T D I a R i b C I	M Ha Wa A i a a	M a a	6.29		E i
NZC C a	T D I a R i b C I	Da Wa A i a a	M a a	14.65		E i
L i C a	W i C , Ja I i P	W i C , Ja I i P	N - a a	49.00		E i
V	H I K I , C a	H I K I , C a	S	24.00		E i
IWIP C a	Ha a a I a , N Ma i i , I a	Ja a a , I a	I i a a	24.00		E i
N	H I K I , C a	H I K I , C a	I i a a	30.00		E i
I a H i a	Ha a a I a , N Ma i i , I a	Ja a a , I a	Ma i a i I	20.00		E i
Q i i A i	Q i i C , Z a I P	Q i i C , Z a I P	Ca a a	49.92		E i
S P a a	S C , G i a I I P	S C , G i a I I P	I a a a	15.00		E i

(C)

December 31, 2020/Year 2020

Items	Puhua Company	AVZ Company	Leyou Company	Veinstone	I IP Company	Newstride Technology [Note]
Ci a	211,186,394.64	73,229,321.87	742,451,264.74	221,003,338.43	410,679,031.99	951,873,169.87
N - i a	243,341,697.44	431,947,994.81	1,819,686,969.97	1,016,487,485.00	997,537,668.90	5,131,870,036.12
T a a	454,528,092.08	505,177,316.68	2,562,138,234.71	1,237,490,823.43	1,408,216,700.89	6,083,743,205.99
Ci ab	147,921,772.87	2,524,056.69	577,683,298.89	868,922,073.42	539,306,038.64	395,684,466.82
N - i ab	9,844,444.44	29,336,270.48	4,023,255.38		451,066,337.00	945,763,456.05
T a ab	157,766,217.31	31,860,327.17	581,706,554.27	868,922,073.42	990,372,375.64	1,341,447,922.87
N - i I		58,640,817.88		32,172,046.07		1,110,378,753.74
E i a b; ab						
a a	296,761,874.77	414,676,171.63	1,980,431,680.44	336,396,703.94	417,844,325.25	3,631,916,529.38
N	-6,642,552.05	-25,418,904.39	3,852,078.28	31,384,335.65	113,139,577.47	112,915,459.63
T a	-6,642,552.05	-27,994,053.13	3,852,078.28	13,975,341.24	88,254,764.35	-140,031,799.82

(C)

December 31, 2019/Year 2019

Items	Puhua Company	AVZ Company	NZC Company	Leyou Company	Veinstone	I IP Company
Ci a	68,411,419.89	43,136,897.56	11,891,584.86	942,966,209.62	91,211,689.50	106,118,415.46
N - i a	245,330,440.29	363,735,106.39	232,145,788.11	1,158,343,636.23	825,590,541.12	726,388,250.43
T a a	313,741,860.18	406,872,003.95	244,037,372.97	2,101,309,845.85	916,802,230.62	832,506,665.89
Ci ab	10,337,433.36	11,657,248.13	30,590,376.66	326,397,009.29	43,228,890.09	165,757,358.99
N - i ab		24,435,731.66	12,074,760.65		666,256,930.23	337,159,746.00
T a ab	10,337,433.36	36,092,979.79	42,665,137.31	326,397,009.29	709,485,820.32	502,917,104.99
N - i I		56,051,881.66	13,087,954.38		33,407,147.60	
E i a b; ab						
a a	303,404,426.82	314,727,142.50	188,284,281.28	1,774,912,836.56	173,909,262.70	329,589,560.90
N	-5,432,533.20	-24,896,114.98	-21,703,907.28	3,611,086.37	-204,921.25	9,681,088.46
T a	-5,432,533.20	-25,826,352.90	-22,103,417.89	3,611,086.37	18,262.90	13,911,230.90

... A C a a i b N T f I A f 2020, a 2020 f

Items	Year 2021	Year 2020	Year 2019
J T a a	6,305,745.11	16,643,371.77	18,717,782.00
P a I a			
N I	1,909,052.45	-1,777,015.09	1,766,107.01
O			

VIII. Risks related to financial instruments

(C)

December 31, 2019

Items	Carrying amount	Contract amount not yet discounted	ithin 1 year	1-3 years	Over 3 years
Ba b	7,199,673,581.93	7,437,272,035.49	6,314,681,930.62	1,044,061,646.54	78,528,458.33
H					
D					
N	1,711,684,225.38	1,711,684,225.38	1,711,684,225.38		
A	1,457,846,829.84	1,457,846,829.84	1,457,846,829.84		
N					
O	979,473,205.49	1,005,366,088.38	1,005,366,088.38		
L a	620,793,231.40	621,280,141.40	621,280,141.40		
L	539,591,156.88	593,997,653.46	41,878,942.52	471,245,966.60	80,872,744.34
S	12,509,062,230.92	12,827,446,973.95	11,152,738,158.14	1,515,307,613.14	159,401,202.67

(III) Market risk

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 I i a a a T C a a a a i I
 ba b I a I a

A D b 31, 2021, ba a b a i - a a a I
 a a 9,219,358,463.54 i a (D I b 31, 2020: 2,631,416,737.86 i a ;
 D b 31, 2019: 4,327,497,447.29 i a). I a a b 50 ba
 I b a/a a / a 46.10 i a (D b 31, 2020: a/a
 a / a 13.16 i a ; D b 31, 2019: a/a a / a
 21.64 i a) i a/a a / a 46.10 i a (2020: a/a
 a a 13.16 i a ; 2019: a/a a / a 21.64

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IX. Fair value disclosure

(I) Details of fair value of assets and liabilities at fair value

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Items	Fair value			Total
	Level 1 fair value measurement	Level 2 fair value measurement	Level 3 fair value measurement	
1. H	9,834,660.26		329,491,891.27	339,326,551.53
E			6,573,600.00	6,573,600.00
D	9,834,660.26		22,678,702.23	32,513,362.49
S			300,239,589.04	300,239,589.04
2. R			1,319,017,850.74	1,319,017,850.74
3. O			34,552,445.81	34,552,445.81
4. I	162,139,915.55			162,139,915.55
T	171,974,575.81		1,683,062,187.82	1,855,036,763.63
5. H			360,612.00	360,612.00
D			360,612.00	360,612.00
6. D	104,821,710.25			104,821,710.25
T	104,821,710.25		360,612.00	105,182,322.25

1, 0 0

Items	Fair value			Total
	Level 1 fair value measurement	Level 2 fair value measurement	Level 3 fair value measurement	
1. H	30,317,180.12		6,573,600.00	36,890,780.12
E			6,573,600.00	6,573,600.00
D	30,317,180.12			30,317,180.12
2. R			762,316,046.62	762,316,046.62
3. O			5,653,575.00	5,653,575.00
T	30,317,180.12		774,543,221.62	804,860,401.74
4. H	15,684,302.17		8,254,968.09	23,939,270.26
D	15,684,302.17		8,254,968.09	23,939,270.26
T	15,684,302.17		8,254,968.09	23,939,270.26

Items	Fair value as at the balance sheet date			Total
	Level 1 fair value measurement	Level 2 fair value measurement	Level 3 fair value measurement	
R				
1. H	83,508,361.74		26,608,961.11	110,117,322.85
E	6,573,600.00		6,573,600.00	
D	83,508,361.74			83,508,361.74
S			20,035,361.11	20,035,361.11
2. R			460,537,826.62	460,537,826.62
3. O			21,930,092.52	21,930,092.52
T	83,508,361.74		509,076,880.25	592,585,241.99

(II) Basis for determining level 1 fair value at recurring and non-recurring fair measurement

Items	Fair value as at December 31, 2021	Fair value as at December 31, 2020	Fair value as at December 31, 2019	Valuation technique
H	9,834,660.26	30,317,180.12	83,508,361.74	T
D				
I	162,139,915.55			
D	104,821,710.25			
H		15,684,302.17		
ab				
ab				

(III) Qualitative and quantitative information of valuation technique(s) and key input(s) for level 3 fair value at recurring and non-recurring fair measurement

Items	Fair value as at December 31, 2021	Fair value as at December 31, 2020	Fair value as at December 31, 2019	Valuation technique
H...a...a...a... a...D...a...	22,678,702.23			T...a...a... I...a...=...a... (...a...Q...I...a... a...a...I...a... ...a...)/(1+...a...)*... ...b...a...ba... ...a.../360);
H...a...a...a... ab...D...a... a...ab...	360,612.00	8,254,968.09		T...a...a...I...a...=... a...a...a...a... b...I...a...a...a...* (...a...a...I...a...a... a...Q...I...a... a...I...a...a... a...a...a...a... ...a...)*...a...I...a... a...ba...a...a.../(1+... ...a...*...b... ...a...ba...a...a... ...a.../360);
R...ab...a...I...	1,319,017,850.74	762,316,046.62	460,537,826.62	T...a...a...I...a...=... a...a...a...a... a...a...a...a... ba...a...a.../...b... ...a...a...a...a...
E...a...a...a... a...a...a...a... a...a...a...a...	6,573,600.00	6,573,600.00	6,573,600.00	T...a...I...a...I...a...=... a...a...a...a... a...a...a...a... ba...a...a...a.../...b...
S...ba...a...a... a...a...a...a...	300,239,589.04		20,035,361.11	T...a...a...I...a...=... a...a...a...a... a...a...a...a... ba...a...a...a.../...b...

Items	Fair value as at December 31, 2021	Fair value as at December 31, 2020	Fair value as at December 31, 2019	Valuation technique
0	34,552,445.81	5,653,575.00	21,930,092.52	F S i I . . . a , a a a a a a a a a a a a a ; B I a Sa . , I M I a S i a . HANAQ C I a , a I a i . . a a a a a a a a a b O a M I L . a I a i . . a a a a a a a a a b a a a a a a a a b a b a a a a a a a a a I a a 2020.

X. Related party relationships and transactions

(I) Related party relationships

1. Significant related parties

Parent company	Place of registration	Business nature	Registered capital	Holding proportion over the Company (%)	Voting right proportion over the Company (%)
H i a i H T I a I C , B	Z a I P	70,092,039.94	16.40	16.40
F Y a 2019 Y a 2020, C a a a a a a . . . i a X W I a . C X i i a . I 2021, G a M i a C a C a , X W I a . C X i i a . I C a , a . H i a i H . . . I , G a M i a T a A I a C A A I i . 25, 2021. S I a . C a a I C X i i a . a a I H i a i H . . . I , a a i a P a I a . VII a a a a a a C a b . a					

P a VII a a a C a
 I a a a a D a a a
 a I a a a C a
 I b a b a a a a :

Joint ventures or associates **Relationships with the Company**

M i W I	A, a
H i a a I I	A, a
H i a a N E I	T i b a a a H i a a I i, I a a b i I a C a i b a N E I Q i i J i 2019.
HANAQ C a	T a a A C a , a a 8% O b 2021, a I a a C a N b I 2021.
P i a C a	A, a
S P a	A, a
L i C a	A, a
TMR C a	T i C a , i b a TMC C a A C a a i 70.00% i TMC C a A 6, 2021, a I
Z a T L- Ma a C , L (T L- C a)	T i b a a a Q i i A i.
PHC C a	A, a
I a H i a	A, a
N T I	A, a
IWIP C a I	A, a
V	A, a
PT. W a Ba E I (WBE C a)	T i b a a a V .
I a H i a i	A, a

4. **Related parties**

Related parties **Relationships with the Company**

H i a i H I	T C a , a I a b I I a S b 2021. P a I X (I) I a a
G a M i a C a	T C a , a I a a a 2021. P a X (I) I S b
X W I	O C a , a a a a S I b 2021. P a X (I) I
Q i J i a	C a , a b i a C
H i a I T a I	T C a , a a I a

Related parties	Content of transaction	Year 2021	Year 2020	Year 2019
H_i a a N E I	G P			75,158.62 9,427,451.09
HANAQ C a	G S	3,252,026.40	3,947,564.50	564,109.51 4,186,418.50
H_i a i H P_i i a C a	S G	1,766,778.22	1,044,261.01	3,998,296.24
S P a	S G	1,632,299.41		
L i C a	G	1,447,251.33		
T a B&M	G	25,664,986.02		
C i i B&M	G	1,511,492.04		
WBE C a	G	2,175,297.35		
T a	E I	221,460.99		
		71,457,706.90	6,333,170.28	21,096,802.02

(2) Sa I a I

Related parties	Content of transaction	Year 2021	Year 2020	Year 2019
TMR C a	G	1,280,810.94	10,879,627.73	28,135,310.32
P_i i a C a	G E S	315,258,019.90 17,017,125.08 13,156,275.79	187,066,022.20 11,090,958.79 164,151.68	14,946,777.01 5,936,571.68 583,776.32
L i C a	G S	97,391,874.00 371,555.90	531,864.00 301,602.18	432,544.53
B C a	S	1,764.00		
T L- C a	S	219,663.98		
H_i a a N E I	G S			26,621,383.06 17,269,442.55
H_i a i H I	G S	26,048.36 166,055.36	19,204.75 1,512,372.74	2,510,404.80
T I I H_i a i a I	G			55,800.00
PHC C a	S	500,603.57		
T a B&M	G	488,530,518.73	650,447,114.64	593,313,224.19
	P I	394,435.21	4,086,187.46	
C i i B&M	G P	567,405,882.31 331,224.87	167,424,383.88 2,345,614.00	189,059,359.71
N M a	S			2,415.10
I M a S I a	G	56,584,070.81	7,283,185.82	
G_i a I H_i a i	S	154,755.50	24,761.15	
C i i				
I a H_i a	G S	59,848,405.47 1,277,120.00		
T I I H_i a i a I	G	1,911.51		
T a		1,619,918,121.29	1,043,177,051.02	878,867,009.27

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<u>Lessees</u>	<u>Types of assets leased</u>	<u>Lease income recognized in 2021</u>	<u>Lease income recognized in 2020</u>	<u>Lease income recognized in 2019</u>
H_i a i H_f - 1				

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
C X _i a, Q _i J _i a . .	T C a	S a ₁ a P _i . I D . B a C ., L . . J a ₁ T ₁ a ₁ S _i b- b a	B I	389,000,000.00 (A q 5 a , a . .)	1/4/2021- 12/16/2021	1/3/2022- 12/16/2022	N
C X _i a, Q _i J _i a . .	T C a	Ba C a L . .					

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
C X _i i a . .	H _i a i Q _i i	T E -I Ba C a Z a ₁ B a	B I	331,779,400.00 (I _i i ₁ ; USD42,000,000.00) (A a ₆ a, a' .)	4/22/2021- 8/31/2021	7/21/2022- 11/18/2022	N
			L	179,725,399.54 (USD28,189,124.26) (A a ₃ a, a' .)	11/16/2021- 12/23/2021	3/30/2022- 4/30/2022	N
C X _i i a, H _i a i Q _i J i a . . Q _i i		S a ₁ a P _i . D . Ba C ., L . . Q _i i S _i b- b a	B I	217,000,000.00 (A a ₂ a, a' .)	5/14/2021- 12/10/2021	1/23/2022- 12/9/2022	N
			L	83,000,000.00 (A a ₁ a, a' .)	12/9/2021	12/2/2022	N
C X _i i a . . H _i a i Q _i i		Ba B C ., L . . Q _i i B a	B I	180,000,000.00 (A a ₂ a, a' .)	9/8/2021- 9/9/2021	5/21/2022- 10/8/2022	N
			L	286,000,000.00 (A a ₃ a, a' .)	3/8/2021- 6/25/2021	3/31/2022- 7/20/2022	N
C X _i i a, H _i a i Q _i J i a . . Q _i i		Ba C a L . Q _i i K ₁ S _i b- b a	B I	292,211,886.63 (I _i i ₁ : EUR 721,897.95) (A a ₅ a, a' .)	7/27/2021- 12/2/2021	1/18/2022- 11/23/2022	N
			L	88,609,192.65 (I _i i ₁ ; EUR977,213.57;			

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
C X _i a, H _i a H _i I	R _i R _i I	I _i a a C Ba C a L Q _i S _i b a	B I	120,000,000.00 (A a 5 a a)	12/16/2018-1/7/2019	6/25/2022-12/25/2023	N
C X _i a H _i a Q _i i	H _i a Q _i i	C a G _i a I a Ba C ., L. . Ja I Ba	L	83,865,850.09 (USD13,153,983.10) (A a 3 a a)	7/27/2021-12/29/2021	3/13/2022-5/30/2022	N
C X _i a Q _i J i a . .	N E I Q _i i	S a I a P _i . I D . Ba C ., L. . Q _i i S _i b a	B I	120,000,000.00 (A a 2 a a)	1/15/2021-12/17/2021	1/14/2022-12/16/2022	N
C X _i a Q _i J i a . .	N E I Q _i i	C a Z a I Ba C ., L. . Q _i i B a N E I Q _i i	B I L	145,000,000.00 (A a 2 a a) 55,735,233.90 (USD8,741,821.90) (A a 2 a a)	4/28/2021-5/11/2021 4/27/2021-5/27/2021	4/12/2022-4/18/2022 2/10/2022-3/14/2022	N N
C X _i a Q _i J i a . .	N E I Q _i i	C a C Ba C ., L. . Q _i i B a	L	77,057,068.01 (USD12,086,056.12) (A a 3 a a)	7/30/2021-12/7/2021	4/13/2022-9/6/2022	N
C X _i a Q _i i	N E I Q _i i	H _i a a Ba C ., L. . Q _i i B a	B I	89,000,000.00 (A a 2 a a)	6/24/2021-6/29/2021	6/24/2022-6/29/2022	N
C X _i a Q _i i	N E I Q _i i	Ba B I C ., L. . Q _i i B a	L	97,999,227.02 (USD15,370,740.00) (A a 1 a a)	8/19/2021	6/19/2022	N
			B I	63,000,000.00 (A a 2 a a)	7/29/2021		

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
		C a M Ba C L. S a P F T a Z B a		296,795,210.70 (USD46,551,000.00) (A a 1 a, a)	10/29/2021	3/21/2024- 9/21/2028	
		P A Ba C L. Ha B a		150,466,520.00 (USD23,600,000.00) (A a 1 a, a)	10/29/2021	3/21/2024- 9/21/2028	
		C a E, b Ba C, L. Ha B a		60,186,608.00 (USD9,440,000.00) (A a 1 a, a)	11/1/2021	3/21/2024- 9/21/2028	
C X a . . H a a C		Ka I (H I K) C, L.	B I	318,785,000.00 (USD50,000,000.00) (A a 1 a, a)	3/11/2020	3/11/2023	N
H a a H I	T C a / I C B&M [N]	I . . a a . C Ba C a L . J a S b-b a	B I	94,000,000.00 (A a 1 a, a)	12/15/2021	12/13/2022	N
		C a C Ba C a C I J S b-b a	B I	570,000,000.00 (A a 5 a, a)	4/23/2021- 12/5/2021	12/13/2022- 6/28/2026	N
		C a F a a L a I C L . .	S a . . a ba	309,515,612.67 (A a 2 a, a)	9/17/2021- 10/18/2021	1/18/2022- 10/18/2024	N
T a				11,445,512,587.91			
T C a C a .	a I a a		C I B&M, a . H a a H I				I a a

4. C

(1) Y a 2021

<u>Related parties</u>	<u>Opening balance</u>	<u>Increase</u>	<u>Decrease [Note]</u>	<u>Closing balance</u>
Ca				
X W	7,842,828.93		7,842,828.93	
TMA C				

I 2020, C a . . . a . . . a . . . a . . . 369,770.83 i a , 8,216.67 i a ,
 310,484.93 i a , 2,268,284.98 i a a . 2,985,430.60 i a H i a i H . . . i , H i a i
 T a i , X W . . . i , H i a i H . . . i H i K i a . TMA C a . . . i , H i a i
 2020, C a . . . a . . . a . . . a . . . 6,678,167.87 i a X W . . . i
 a . 3,555,798.61 i a TMA C . . . a . . .

(3) Y a 2019

Related parties	Opening balance	Increase	Decrease	Closing balance
Ca . . . a . . . a . . . a				
X W . . . i	209,670,629.92	46,177,283.55	247,462,628.92	8,385,284.55
TMA C a		69,762,000.00		69,762,000.00
H i a i H . . . i H i K i		71,614,041.58		71,614,041.58
H i a i H . . . i		2,110,822,929.05	2,030,790,790.00	80,032,139.05
HANAQ C a	10,984,123.67	14,841,804.90	22,238,361.91	3,587,566.66
H i a i T a . . . i		34,000,000.00		34,000,000.00
S i b a	220,654,753.59	2,347,218,059.08	2,300,491,780.83	267,381,031.84
Ca . . . a . . . a . . . a				
H i a i a I . . . i		6,805,479.45	6,805,479.45	
IWIP C a		102,271,092.00		102,271,092.00
V		101,177,754.03		101,177,754.03
			28,247,588.43	
N M a	20,290,080.90	7,957,507.53	[N]	
S i b a	20,290,080.90	218,211,833.01	35,053,067.88	203,448,846.03

A N M a . . . a . . . a . . . a . . . a . . . C a . . . A i . . . 15, 2019, . . . a b . . . 28.25
 N M i a . . . a . . . a . . . a . . . A i . . . 2019 a

(III) Balance due to or from related parties

1.

Items	Related parties	December 31, 2021		December 31, 2020		December 31, 2019	
		Book balance	Provision for bad debts	Book balance	Provision for bad debts	Book balance	Provision for bad debts
A	TMR C a			1,145,978.44	57,298.92	3,531,417.46	176,570.87
	T a B&M			120,860,714.62	6,043,035.73	83,931,057.92	4,196,552.90
	C I B&M			46,035,996.53	2,301,799.83	738,625.23	36,931.26
	L i	47,433.04	2,371.65	21,355.23	1,067.76	147,315.85	7,365.79
	C a						
	I M I a	162,000.00	162,000.00	162,000.00	162,000.00	162,000.00	162,000.00
	H R a						
	S i a H	474,200.00	474,200.00	474,200.00	474,200.00	474,200.00	474,200.00
	R a						
	H i a i	5,006.68	250.33	14,472,864.25	723,643.21		
	H i a I						
	P i a I	14,679,082.10	733,954.10	37,746,252.90	1,887,312.65		
	C a						
	B i	1,394.96	69.75				
	C a						
	T L - C a	174,645.97	8,732.30				
	I i a	157,224.76	7,861.24				
	H i a						
S; b a		15,700,987.51	1,389,439.37	220,919,361.97	11,650,358.10	88,984,616.46	5,053,620.82
R a B&M	T a B&M			56,062,750.00		49,295,200.23	
	H i a i			21,171,718.00		8,468,687.20	
	H i a I B&M			41,553,081.10			
	C I B&M						
	I M I a	9,000,000.00					
	S i a						
S; b a		9,000,000.00		118,787,549.10	57,763,887.43		
O a	I i a	3,187,850.00	637,570.00	3,262,450.00	163,122.50		
	H i a i						
	T L - C a [N]	72,019.20	3,600.96				
S; b a		3,259,869.20	641,170.96	3,262,450.00	163,122.50		
L I	IWIP C a	177,116,946.00		181,261,722.00		102,271,092.00	
	V	104,357,457.60		106,799,563.20		101,177,754.03	
S; b a		281,474,403.60		288,061,285.20		203,448,846.03	

Items	Related parties	December 31, 2021	December 31, 2020	December 31, 2019
A	IWIP C a	31,602,903.70		237,604.07
	WBE C a	47,517.57		
	L C a	7,439,051.94		
	S	55,269.00		
	P a			
S b a	M i W i			498,584.08
	T			254,710.53
S b a	H i a i a i	39,144,742.21		990,898.68
	I a	641,739,400.77		
A a	H i a			3,356,287.76
	H i a i H i	641,739,400.77		3,356,287.76
S b a	S	127,370.00		
	P a			
C a a ab	I M i a	49,200.00		
	S i a i	176,570.00		
S b a	HANAQ		5,387,943.50	3,587,566.66
	C a			
O a ab	TMR C a		100,632.14	120,640.00
	TMA C a		68,804,798.61	70,478,513.99
S b a	H i a i			34,127,358.33
	T a			
S b a	H i a i H i			72,754,495.20
	H i K i			
S b a	X W i		14,520,996.80	15,204,489.84
	H i a i H i			80,631,601.55
S b a	N	14,107,267.34	9,671,127.61	
	T	14,107,267.34	98,485,498.66	276,904,665.57

XI. Share-based payment

(I) Overall information

0 1

Items	The Company	Tianjin B&M
T a i i i a	R a 8,491,900 a	9,424,800 a
T a i i i		9,424,800 a
T a i i i		
T a i		
a i a i a		
a i a i a		

Items

The Company

Tianjin B&M

Items	The Company	Tianjin B&M
2021	37.89	
2024;		
2021	53.84	
2024;		
2021	58.07	
2025.		

1. R... C a

Items	The Company	Tianjin B&M
2021,		
6,984,000		
37.89		
7		
154,100		
736		
6,984,000		

Items	The Company	Tianjin B&M
2021,		
1,643,300		
288		
53.84		
6		
33		
149,100		
288		
1,643,300		
1,494,200		

Items	The Company	Tianjin B&M
2021,		
191,700		
42		
58.07		
2		
5		
23,900		
42		
37		
191,700		
167,800		

2. Equity-settled share-based payment B&M

Period: 2021.01.01 to 2021.12.31
 Balance at the beginning of the period: 9,424,800
 Issued during the period: 10,411,203.96
 Expired during the period: 17,680
 Balance at the end of the period: 19,808,323.96

(II) Equity-settled share-based payment

01

1. Determination method for grant-date fair value of equity instruments

Determination method for grant-date fair value of equity instruments	The closing price of the Company's shares on the grant date
Restricted share-based payment	113,786,486.15
Restricted share-based payment	113,786,486.15
Restricted share-based payment	103,349,028.92
Restricted share-based payment	10,411,203.96
Restricted share-based payment	26,253.27

2. Determination method for grant-date fair value of equity instruments

Determination method for grant-date fair value of equity instruments	[Note]
Restricted share-based payment	72,382,464.00
Restricted share-based payment	72,382,464.00

At the end of the reporting period, the fair value of the equity instruments is 17.68 yuan per share. The fair value of the equity instruments is determined based on the closing price of the Company's shares on the grant date. The fair value of the equity instruments is 166,630,464.00 yuan. The fair value of the equity instruments is 72,382,464.00 yuan.

Ca

(1) L a

Items	Year 2021
L a	16,344,693.16
I	

(2) A

Items	December 31, 2021
F	12,716,111.26
S	12,716,111.26

P a V (I) 13 a a a a

(3) U a a b a I - a ab a

Remaining years	December 31, 2021
W 1 a	41,666.67
T a	41,666.67

XV. Notes to items of parent company financial statements

(I) *income*

(Continued)

December 31, 2020

Categories	Book balance		Provision for bad debts		Carrying amount
	Amount	% to total	Amount	Provision proportion (%)	
R ab a a a ba	6,482,979.34	2.54	6,482,979.34	100.00	
R ab a a ba					

b. D b 31, 2020

Debtors	Book balance	Provision for bad debts	Provision proportion (%)	Reasons for provision made
J a Ma J a C I, N O	5,717,261.90	5,717,261.90	100.00	E b
O	765,717.44	765,717.44	100.00	ab
Sib a	6,482,979.34	6,482,979.34	100.00	b

. D b 31, 2019

Debtors	Book balance	Provision for bad debts	Provision proportion (%)	Reasons for provision made
J a Ma J a C I, N O	5,717,261.90	5,717,261.90	100.00	E b
O	765,717.44	765,717.44	100.00	ab
Sib a	6,482,979.34	6,482,979.34	100.00	b

(3) ab ba b a a ba

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for bad debts	Provision proportion (%)	Book balance	Provision for bad debts	Provision proportion (%)
P a I	160,699,463.55	8,062,408.23	5.02	185,811,145.38	9,480,623.88	5.10
P b a a						
a	207,970,403.53			63,357,350.59		
Sib a	368,669,867.08	8,062,408.23	2.19	249,168,495.97	9,480,623.88	3.80

(C)

Items	December 31, 2019		
	Book balance	Provision for bad debts	Provision proportion (%)
P a I	232,737,701.20	11,697,192.26	5.03
85,536,689.38			
318,274,390.58	11,697,192.26	3.68	

Ages	December 31, 2021			December 31, 2020		
	Book balance	Provision for bad debts	Provision proportion (%)	Book balance	Provision for bad debts	Provision proportion (%)
W 1 a	160,638,496.78	8,031,924.84	5.00	185,348,130.61	9,267,406.53	5.00
1-2 a ,	60,966.77	12,193.35	20.00			
2-3 a ,	60,966.77	30,483.39	50.00	402,048.00	201,024.00	50.00
S _i b a ,	160,699,463.55	8,062,408.23	5.02	185,811,145.38	9,480,623.88	5.10

(C . . .)

Ages	December 31, 2019		
	Book balance	Provision for bad debts	Provision proportion (%)
W 1 a	232,335,653.20	11,616,782.66	5.00
1-2 a ,	402,048.00	80,409.60	20.00
S _i b a ,	232,737,701.20	11,697,192.26	5.03

() A . . .

Ages	Book balance		
	December 31, 2021	December 31, 2020	December 31, 2019
W 1 a	345,219,145.39	231,781,932.92	315,319,523.45
1-2 a ,	9,975,517.24	16,984,515.05	2,952,599.17
2-3 a ,	13,475,204.45	402,048.00	2,267.96
O. 3 a ,	6,885,027.34	6,482,979.34	6,482,979.34
T a ,	375,554,894.42	255,651,475.31	324,757,369.92

() C . . .

(1) Y a 2021

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others	Reversal	rite-off	Others	
R ab ,								
a ,								
ba ,	6,482,979.34	402,048.00					6,885,027.34	
R ab ,								
a ,								
ba ,	9,480,623.88	-1,417,961.16				254.49	8,062,408.23	
T a ,	15,963,603.22	-1,015,913.16				254.49	14,947,435.57	

(C)

December 31, 2020					
Categories	Book balance		Provision for bad debts		Carrying amount
	Amount	% to total	Amount	Provision proportion	
				(%)	
R ab a					
R ab a	286,196,007.46	100.00	2,435,576.81	0.85	283,760,430.65
T a	286,196,007.46	100.00	2,435,576.81	0.85	283,760,430.65

(C)

December 31, 2019					
Categories	Book balance		Provision for bad debts		Carrying amount
	Amount	% to total	Amount	Provision proportion	
				(%)	
R ab a					
R ab a	110,553,586.32	100.00	471,405.94	0.43	110,082,180.38
T a	110,553,586.32	100.00	471,405.94	0.43	110,082,180.38

(2) O ab a a ba

Portfolios	December 31, 2021			December 31, 2020		
	Book balance	Provision for bad debts	Provision proportion	Book balance	Provision for bad debts	Provision proportion
			(%)			(%)
P ba a	3,102,135,963.24			251,467,123.89		
P a	14,389,306.08	1,662,449.88	11.55	34,728,883.57	2,435,576.81	7.01
I a	9,741,791.04	487,089.55	5.00	32,832,604.78	1,641,630.24	5.00
I-2 a	4,000,000.00	800,000.00	20.00	569,309.43	113,861.89	20.00
I-3 a	544,309.43	272,154.72	50.00	1,293,769.36	646,884.68	50.00
O-3 a	103,205.61	103,205.61	100.00	33,200.00	33,200.00	100.00
S; b a	3,116,525,269.32	1,662,449.88	0.05	286,196,007.46	2,435,576.81	0.85

(C)

Portfolios	December 31, 2019		
	Book balance	Provision for bad debts	Provision proportion (%)
P	106,217,575.57		
P	4,336,010.75	471,405.94	10.87
I	2,779,041.39	138,952.07	5.00
1-2	1,523,769.36	304,753.87	20.00
2-3	11,000.00	5,500.00	50.00
O	22,200.00	22,200.00	100.00
S	110,553,586.32	471,405.94	0.43

(2) A

Ages	Book balance		
	December 31, 2021	December 31, 2020	December 31, 2019
W	2,901,445,909.94	207,109,406.76	100,796,128.03
1-2	145,623,160.18	75,904,818.31	9,724,258.29
2-3	67,539,956.56	3,148,582.39	11,000.00
O	1,916,242.64	33,200.00	22,200.00
T	3,116,525,269.32	286,196,007.46	110,553,586.32

(3) C

(1) Y a 2021

Items	Stage 1	Stage 2	Stage 3	Total
	12-month expected credit losses	Lifetime expected credit losses (credit not impaired)	Lifetime expected credit losses (credit impaired)	
O	1,641,630.24	113,861.89	680,084.68	2,435,576.81
O				
T	-200,000.00	200,000.00		
T	-108,861.89	108,861.89		
R				
R				
P	-722,846.72	595,000.00	-413,586.24	-541,432.96
P				
P				
P	231,693.97	231,693.97		
O				
C	487,089.55	800,000.00	375,360.33	1,662,449.88

(2) Y a 2020

Items	Stage 1	Stage 2	Stage 3	Total
	12-month expected credit losses	Lifetime expected credit losses (credit not impaired)	Lifetime expected credit losses (credit impaired)	
O I ba a	138,952.07	304,753.87	27,700.00	471,405.94
O I ba a				
T a a ₁ 2	-28,465.47	28,465.47		
T a a ₁ 3		-258,753.87	258,753.87	
R a ₁ 2				
R a ₁ 1				
P a	1,531,143.64	39,396.42	393,630.81	1,964,170.87
P				
P				
P				
O a I				
C I ba a	1,641,630.24	113,861.89	680,084.68	2,435,576.81

(3) Y a 2019

Items	Stage 1	Stage 2	Stage 3	Total
	12-month expected credit losses	Lifetime expected credit losses (credit not impaired)	Lifetime expected credit losses (credit impaired)	
O I ba a [N]	339,593.55	201,087.96	228,205.61	768,887.12
O I ba a				
T a a ₁ 2	-76,188.47	76,188.47		
T a a ₁ 3		-2,200.00	2,200.00	
R a ₁ 2				
R a ₁ 1				
P a	-124,453.01	29,677.44	-202,705.61	-297,481.18
P				
P				
P				
O a I				
C I ba a	138,952.07	304,753.87	27,700.00	471,405.94

* P a III (XXXIII) 3 a a a a a a b
 ba a a a Ja ta 1, 2019 a . ba a a a D b 31, 2018. a a b

(4) O ab a I b a t

Nature of receivables	Book balance		
	December 31, 2021	December 31, 2020	December 31, 2019
S t	10,916,715.99	32,840,372.74	1,277,969.36
T a b I t			

(3) D b 31, 2019

Debtors	Nature of receivables	Book balance	Ages	Proportion to the total balance of other receivables	Provision for bad debts
				(%)	
CDM C a	T a b	68,449,068.84	W 1 a	61.91	
H i a i C a	T a b	22,270,000.00	W 1 a : 20,400,000.00 i a , 1-2 a , : 1,870,000.00 i a	20.14	
MIKAS C a	T a b	10,455,048.15	W 1 a	9.46	
H i a i M I H I	T a b	1,953,336.00	1-2 a ,	1.77	
K	T a b	1,744,545.32	1-2 a ,	1.58	
R i i R i	T a b	104,871,998.31		94.86	
S i b a					

(1) D a ,

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
I	13,038,601,252.16	518,166.20	13,038,083,085.96	8,815,745,535.45	518,166.20	8,815,227,369.25
I	598,430,946.19		598,430,946.19	2,844,222.10		2,844,222.10
T a	13,637,032,198.35	518,166.20	13,636,514,032.15	8,818,589,757.55	518,166.20	8,818,071,591.35

(C i . .)

Items	December 31, 2019		
	Book balance	Provision for impairment	Carrying amount
I	6,872,1	T 7.98.15	T 7.88T -40.209)10TJ3687]TJT*(.

(2) I n f o r m a t i o n(1) Y a 2021

Investees	Opening balance	Increase	Decrease	Closing balance	Provision for impairment made in the current period	Closing balance of provision for impairment
L C ba	33,171,333.03			33,171,333.03		
H a i I & E	100,587,951.00			100,587,951.00		
H a i H I K I	458,040,203.00			458,040,203.00		
CDM C a	480,447,838.92			480,447,838.92		
OIM C a	3,958,802.50			3,958,802.50		
MIKAS C a	263,815,386.00			263,815,386.00		
H a i Q i	2,488,000,000.00			2,488,000,000.00		
SHAD C a						518,166.20
H a i M I H I K I	2,311,505,854.80	1,560,074,116.71		3,871,579,971.51		
N E I Q i	870,000,000.00	900,000,000.00		1,770,000,000.00		
H a i R I	1,100,000,000.00	150,000,000.00		1,250,000,000.00		
H a i N E I	700,000,000.00			700,000,000.00		
Y i T a	2,850,000.00			2,850,000.00		
T I a I H a I a I	1,140,000.00			1,140,000.00		
B I Y i	1,710,000.00			1,710,000.00		
G a i H a i E I		50,000,000.00		50,000,000.00		
G a i B & M		100,000,000.00		100,000,000.00		
T I a I H a I		18,040,800.00		18,040,800.00		
T I a I H a I a I		18,040,800.00		18,040,800.00		
W i H a I		34,000,000.00	8,500,000.00	25,500,000.00		
T a B & M		1,351,200,000.00		1,351,200,000.00		
R i R I		50,000,000.00		50,000,000.00		
S i b a	8,815,227,369.25	4,231,355,716.71	8,500,000.00	13,038,083,085.96		518,166.20

(2) Y a 2020

Investees	Opening balance	Increase	Decrease	Closing balance	Provision for impairment made in the current period	Closing balance of provision for impairment
L C ba	33,171,333.03			33,171,333.03		
H a i I & E	100,587,951.00			100,587,951.00		
H a i H I K I	458,040,203.00			458,040,203.00		
CDM C a	480,447,838.92			480,447,838.92		
OIM C a	3,958,802.50			3,958,802.50		
MIKAS C a	263,815,386.00			263,815,386.00		
H a i Q i	1,683,000,000.00	805,000,000.00		2,488,000,000.00		
SHAD C a						518,166.20
H a i M I H I K I	1,652,726,482.93	658,779,371.87		2,311,505,854.80		
N E I Q i	870,000,000.00			870,000,000.00		
H a i R I	600,000,000.00	500,000,000.00		1,100,000,000.00		
H a i P I	23,000,000.00		23,000,000.00			
H a i N E I	700,000,000.00			700,000,000.00		
Y i T a	2,850,000.00			2,850,000.00		
T I a I H a I a I		1,140,000.00		1,140,000.00		
B I Y i		1,710,000.00		1,710,000.00		
S i b a	6,871,597,997.38	1,966,629,371.87	23,000,000.00	8,815,227,369.25		518,166.20

(3) Y a 2019

Investees	Opening balance	Increase	Decrease	Closing balance	Provision for impairment made in the current period	Closing balance of provision for impairment
L C ba	33,171,333.03			33,171,333.03		
H a i I & E	100,587,951.00			100,587,951.00		
H a i H K I	458,040,203.00			458,040,203.00		
CDM C a	480,447,838.92			480,447,838.92		
OIM C a	3,958,802.50			3,958,802.50		
MIKAS C a	263,815,386.00			263,815,386.00		
H a i Q i	1,683,000,000.00			1,683,000,000.00		
SHAD C a	518,166.20			518,166.20	518,166.20	518,166.20
H a i M I H K I	1,106,953,457.40	545,773,025.53		1,652,726,482.93		
N E I Q i	370,000,000.00	500,000,000.00		870,000,000.00		
H a i R I	200,000,000.00	400,000,000.00		600,000,000.00		
H a i P I	5,000,000.00	18,000,000.00		23,000,000.00		
H a i N E I	300,000,000.00	400,000,000.00		700,000,000.00		
Y i T a I	2,850,000.00			2,850,000.00		
S i b a	5,005,493,138.05	1,866,623,025.53		6,872,116,163.58	518,166.20	518,166.20

(3) I a a a i(1) Y a 2021

Investees	Opening balance	Increase/Decrease		Investment income recognized under equity method	Adjustment in other comprehensive income
		Investments increased	Investments decreased		
A					
H a N E I	2,844,222.10			-2,844,222.10	
Q i X i		7,800,000.00	7,806,343.53	6,343.53	
Q i A i		599,000,000.00		-569,053.81	
T a	2,844,222.10	606,800,000.00	7,806,343.53	-3,406,932.38	

(C)

Investees	Changes in other equity	Increase/Decrease			Closing balance	Closing balance of provision for impairment
		Cash dividend/ Profit declared for distribution	Provision for impairment	Others		
A						
H a N E I						
Q i X i						
Q i A i				598,430,946.19		
T a				598,430,946.19		

(2) Y a 2020

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
A, a,					
Ha N E I	2,884,932.20			-40,710.10	
T a,	2,884,932.20			-40,710.10	

(C t .)

Investees	Increase/Decrease					Closing balance of provision for impairment
	Changes in other equity	Cash dividend/ Profit declared for distribution	Provision for impairment	Others	Closing balance	
A, a,						
Ha N E I					2,844,222.10	
T a,					2,844,222.10	

(3) Y a 2019

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
A, a,					
Ha N E I	4,965,347.26			-2,080,415.06	
T a,	4,965,347.26			-2,080,415.06	



(C t .)

Investees	Increase/Decrease					Closing balance of provision for impairment
	Changes in other equity	Cash dividend/ Profit declared for distribution	Provision for impairment	Others	Closing balance	
A, a,						
Ha N E I					2,884,932.20	
T a,					2,884,932.20	

(II) Notes to items of the parent company income statement

1.    

(1) D a 

Items	Year 2021		Year 2020		Year 2019	
	Revenue	Cost	Revenue	Cost	Revenue	Cost
Ma a	3,214,350,884.78	1,984,069,994.65	2,051,317,316.17	1,221,195,820.67	2,541,060,734.21	2,079,360,923.12
O a	122,064,911.41	40,059,139.61	105,482,335.65	59,268,159.27	113,579,295.71	50,666,732.39
T a	3,336,415,796.19	2,024,129,134.26	2,156,799,651.82	1,280,463,979.94	2,654,640,029.92	2,130,027,655.51
I  : R 	69.27	113,579,295.71	13,579,295.71	YMa302T ...	95.71	

Items	Year 2021	Year 2020	Year 2019
E b	52,363,779.16	39,464,102.76	37,591,985.00
Ma a	77,470,509.73	58,906,905.23	76,326,454.25
D a a a a	3,694,320.91	4,242,687.35	4,311,349.82
O	2,503,215.30	5,950,380.93	16,660,921.20
T a	136,031,825.10	108,564,076.27	134,890,710.27

Items	Year 2021	Year 2020	Year 2019
I	-3,406,932.38	-40,710.10	-2,080,415.06
I [N]	275,447,674.72	96,628,301.60	
I a		-19,298,698.88	
L ab a I	-10,627,224.26	-8,606,417.20	-24,859,819.74
L ab I a	-7,209,802.76	-7,503,599.99	-609,097.22
I a I a a a	-5,135,843.92	-14,986,804.39	-3,677,301.76
I b			26,165,237.89
I b	13,969,715.30		
T a	263,037,586.70	46,192,071.04	-5,061,395.89

a I b a H a i Q i i .

XVI. Other supplementary information

(I) Non-recurring profit or loss

.....

Items	Amount		
	Year 2021	Year 2020	Year 2019
Ga a	34,671,471.89	-6,751,223.23	73,583.71
Ta b a			
G a a I a			
(a I a C a)			
a I I a			
I a a a a	52,675,901.86	63,289,163.19	85,996,830.52
F a a I a	9,742,561.82		7,363,237.34

(II) ROE and EPS

I.

(1) ROE

Profit of the reporting period	eighted average ROE (%)		
	Year 2021	Year 2020	Year 2019
N a a b _t ab a	23.49	12.73	1.56
N a a b _t ab a	23.22	12.29	0.89

(2) EPS

Profit of the reporting period	EPS (yuan/share)					
	Basic EPS			Diluted EPS		
	Year 2021	Year 2021	Year 2020	Year 2020	Year 2019	Year 2019
N a a b _t ab a	3.25	1.03	0.11	3.24	1.03	0.11
N a a b _t ab a	3.21	1.00	0.06	3.21	1.00	0.06

Items	Symbols	Year 2021	Year 2020	Year 2019
N a a b _t ab a	A	3,897,503,525.74	1,164,842,854.12	119,534,808.82
N a a b _t ab a	B	44,010,814.04	40,864,342.08	51,374,735.22
N a a b _t ab a	C=A-B	3,853,492,711.70	1,123,978,512.04	68,160,073.60
O I b _a a a a b _t ab	D	9,922,119,109.93	7,747,750,020.53	7,600,754,136.52
N a a b _t ab O I a a a	E1		805,000,000.00	
a b _t ab H _t a Q _t I	F1			10
a I a				
b a N - t b I	E2	5,955,003,654.14	781,153,434.49	
N _t b I	F2	10		8
a a				
N a a b _t ab a I a	G	242,580,876.60		82,974,728.50
a a a				
a a				

Items	Symbols	Year 2021	Year 2020	Year 2019
A _t a _t a _t (a _t a _t a _t) a _t a _t b _t a _t I _t I _t a _t J a _t H _t a _t N _t b _t I	I19		2,000,000.00	
a _t a _t a _t I	J19		8	
A _t a _t a _t (a _t a _t a _t) a _t a _t I _t a _t J a _t H _t a _t N _t b _t I	I20		290,736.62	
a _t a _t a _t I	J20			
A _t a _t a _t (a _t a _t a _t) a _t a _t I _t I _t a _t H _t a _t N _t b _t I	I21			8,513,186.76
a _t a _t a _t I	J21			7
S a _t N _t b _t I	I22 J22	587,051.22 6	-4,885,798.92 6	3,800,783.66 6
a _t a _t a _t I	K	12	12	12
N _t b _t I W ₁ a ₁ a ₁ a ₁	L= D+A/2+ E F/K- G H/K I J/K	16,592,124,873.16	9,149,151,412.18	7,661,132,389.34
W ₁ a ₁ a ₁ ROE	M=A/L	23.49	12.73	1.56
W ₁ a ₁ a ₁ ROE a ₁ I	N=C/L	23.22	12.29	0.89

C. E. E.

(1) Ca EPS

Items	Symbols	Year 2021	Year 2020	Year 2019
N a b _i ab a	A	3,897,503,525.74	1,164,842,854.12	119,534,808.82
N - I	B	44,010,814.04	40,864,342.08	51,374,735.22
N a b _i ab a	C=A-B	3,853,492,711.70	1,123,978,512.04	68,160,073.60
O b _i ba a a	D	1,141,261,526.00	1,078,671,471.00	829,747,285.00
N _i b a a	E			248,924,186.00
N _i b a a	F1	71,642,857.00	34,110,169.00	
N _i b I a	G1	10	10	
N _i b a a	F2		28,479,886.00	
N _i b I a	G2		8	
N _i b a a	H			
N _i b I a	I			
N _i b I a	J			
N _i b I a	K	12	12	12
W I a a I	L=D+E+F G/ K-H I/K-J	1,200,963,906.83	1,126,083,202.50	1,078,671,471.00
Ba EPS	M=A/L	3.25	1.03	0.11
Ba EPS a I	N=C/L	3.21	1.00	0.06

(2) Capital Expenses - EPS

Items	Symbols	Year 2021	Year 2020	Year 2019
N	A	3,897,503,525.74	1,164,842,854.12	119,534,808.82
N	B			
D	C=A-B	3,897,503,525.74	1,164,842,854.12	119,534,808.82
N	D	44,010,814.04	40,864,342.08	51,374,735.22
D	E=C-D	3,853,492,711.70	1,123,978,512.04	68,160,073.60
W	F	1,200,963,906.83	1,126,083,202.50	1,078,671,471.00
W	G	809,260.34		
W	H=F+G	1,201,773,167.17	1,126,083,202.50	1,078,671,471.00
D	M=C/H	3.24	1.03	0.11
D	N=E/H	3.21	1.00	0.06

Z a₁ H_t a_t C b_a C_o, L...
O b₁ 28, 2022