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Auditor's Report

PCCPAAR [2022] N . 10426

T. S. a. Z. a. H. a. C. ba. C. ., L. .:

I. Audit Opinion

[illegible][illegible]

II. Basis for Audit Opinion

(The following words are written on cards placed around the room.)

III. Other Matters

[illegible]

IV. Key Audit Matters

Karim, A., & M. A. Karim. (2019). The Role of the State in the Development of the Private Sector in Bangladesh. *Journal of Economic Surveys*, 71, 1-25. DOI: 10.1016/j.econsur.2019.04.001.

Relevant accounting periods: Year 2019, Year 2020 and Year 2021

1. K a d m a ,

Рис. 1. Структурная формула III (XXV) а) и V (II) б) в виде комплексов с молекулами воды

Таблица 1. Основные показатели деятельности ООО «Сибирский завод минеральных удобрений» за 2019, 2020 и 2021 гг.

[illegible]

2. R₁ = R₂ = R₃ = R₄ = R₅ = R₆ = R₇ = R₈ = R₉ = R₁₀ = R₁₁ = R₁₂ = R₁₃ = R₁₄ = R₁₅ = R₁₆ = R₁₇ = R₁₈ = R₁₉ = R₂₀ = R₂₁ = R₂₂ = R₂₃ = R₂₄ = R₂₅ = R₂₆ = R₂₇ = R₂₈ = R₂₉ = R₃₀ = R₃₁ = R₃₂ = R₃₃ = R₃₄ = R₃₅ = R₃₆ = R₃₇ = R₃₈ = R₃₉ = R₄₀ = R₄₁ = R₄₂ = R₄₃ = R₄₄ = R₄₅ = R₄₆ = R₄₇ = R₄₈ = R₄₉ = R₅₀ = R₅₁ = R₅₂ = R₅₃ = R₅₄ = R₅₅ = R₅₆ = R₅₇ = R₅₈ = R₅₉ = R₆₀ = R₆₁ = R₆₂ = R₆₃ = R₆₄ = R₆₅ = R₆₆ = R₆₇ = R₆₈ = R₆₉ = R₇₀ = R₇₁ = R₇₂ = R₇₃ = R₇₄ = R₇₅ = R₇₆ = R₇₇ = R₇₈ = R₇₉ = R₈₀ = R₈₁ = R₈₂ = R₈₃ = R₈₄ = R₈₅ = R₈₆ = R₈₇ = R₈₈ = R₈₉ = R₉₀ = R₉₁ = R₉₂ = R₉₃ = R₉₄ = R₉₅ = R₉₆ = R₉₇ = R₉₈ = R₉₉ = R₁₀₀ = R₁₀₁ = R₁₀₂ = R₁₀₃ = R₁₀₄ = R₁₀₅ = R₁₀₆ = R₁₀₇ = R₁₀₈ = R₁₀₉ = R₁₁₀ = R₁₁₁ = R₁₁₂ = R₁₁₃ = R₁₁₄ = R₁₁₅ = R₁₁₆ = R₁₁₇ = R₁₁₈ = R₁₁₉ = R₁₂₀ = R₁₂₁ = R₁₂₂ = R₁₂₃ = R₁₂₄ = R₁₂₅ = R₁₂₆ = R₁₂₇ = R₁₂₈ = R₁₂₉ = R₁₃₀ = R₁₃₁ = R₁₃₂ = R₁₃₃ = R₁₃₄ = R₁₃₅ = R₁₃₆ = R₁₃₇ = R₁₃₈ = R₁₃₉ = R₁₄₀ = R₁₄₁ = R₁₄₂ = R₁₄₃ = R₁₄₄ = R₁₄₅ = R₁₄₆ = R₁₄₇ = R₁₄₈ = R₁₄₉ = R₁₅₀ = R₁₅₁ = R₁₅₂ = R₁₅₃ = R₁₅₄ = R₁₅₅ = R₁₅₆ = R₁₅₇ = R₁₅₈ = R₁₅₉ = R₁₆₀ = R₁₆₁ = R₁₆₂ = R₁₆₃ = R₁₆₄ = R₁₆₅ = R₁₆₆ = R₁₆₇ = R₁₆₈ = R₁₆₉ = R₁₇₀ = R₁₇₁ = R₁₇₂ = R₁₇₃ = R₁₇₄ = R₁₇₅ = R₁₇₆ = R₁₇₇ = R₁₇₈ = R₁₇₉ = R₁₈₀ = R₁₈₁ = R₁₈₂ = R₁₈₃ = R₁₈₄ = R₁₈₅ = R₁₈₆ = R₁₈₇ = R₁₈₈ = R₁₈₉ = R₁₉₀ = R₁₉₁ = R₁₉₂ = R₁₉₃ = R₁₉₄ = R₁₉₅ = R₁₉₆ = R₁₉₇ = R₁₉₈ = R₁₉₉ = R₂₀₀ = R₂₀₁ = R₂₀₂ = R₂₀₃ = R₂₀₄ = R₂₀₅ = R₂₀₆ = R₂₀₇ = R₂₀₈ = R₂₀₉ = R₂₁₀ = R₂₁₁ = R₂₁₂ = R₂₁₃ = R₂₁₄ = R₂₁₅ = R₂₁₆ = R₂₁₇ = R₂₁₈ = R₂₁₉ = R₂₂₀ = R₂₂₁ = R₂₂₂ = R₂₂₃ = R₂₂₄ = R₂₂₅ = R₂₂₆ = R₂₂₇ = R₂₂₈ = R₂₂₉ = R₂₃₀ = R₂₃₁ = R₂₃₂ = R₂₃₃ = R₂₃₄ = R₂₃₅ = R₂₃₆ = R₂₃₇ = R₂₃₈ = R₂₃₉ = R₂₄₀ = R₂₄₁ = R₂₄₂ = R₂₄₃ = R₂₄₄ = R₂₄₅ = R₂₄₆ = R₂₄₇ = R₂₄₈ = R₂₄₉ = R₂₅₀ = R₂₅₁ = R₂₅₂ = R₂₅₃ = R₂₅₄ = R₂₅₅ = R₂₅₆ = R₂₅₇ = R₂₅₈ = R₂₅₉ = R₂₆₀ = R₂₆₁ = R₂₆₂ = R₂₆₃ = R₂₆₄ = R₂₆₅ = R₂₆₆ = R₂₆₇ = R₂₆₈ = R₂₆₉ = R₂₇₀ = R₂₇₁ = R₂₇₂ = R₂₇₃ = R₂₇₄ = R₂₇₅ = R₂₇₆ = R₂₇₇ = R₂₇₈ = R₂₇₉ = R₂₈₀ = R₂₈₁ = R₂₈₂ = R₂₈₃ = R₂₈₄ = R₂₈₅ = R₂₈₆ = R₂₈₇ = R₂₈₈ = R₂₈₉ = R₂₉₀ = R₂₉₁ = R₂₉₂ = R₂₉₃ = R₂₉₄ = R₂₉₅ = R₂₉₆ = R₂₉₇ = R₂₉₈ = R₂₉₉ = R₃₀₀ = R₃₀₁ = R₃₀₂ = R₃₀₃ = R₃₀₄ = R₃₀₅ = R₃₀₆ = R₃₀₇ = R₃₀₈ = R₃₀₉ = R₃₁₀ = R₃₁₁ = R₃₁₂ = R₃₁₃ = R₃₁₄ = R₃₁₅ = R₃₁₆ = R₃₁₇ = R₃₁₈ = R₃₁₉ = R₃₂₀ = R₃₂₁ = R₃₂₂ = R₃₂₃ = R₃₂₄ = R₃₂₅ = R₃₂₆ = R₃₂₇ = R₃₂₈ = R₃₂₉ = R₃₃₀ = R₃₃₁ = R₃₃₂ = R₃₃₃ = R₃₃₄ = R₃₃₅ = R₃₃₆ = R₃₃₇ = R₃₃₈ = R₃₃₉ = R₃₄₀ = R₃₄₁ = R₃₄₂ = R₃₄₃ = R₃₄₄ = R₃₄₅ = R₃₄₆ = R₃₄₇ = R₃₄₈ = R₃₄₉ = R₃₅₀ = R₃₅₁ = R₃₅₂ = R₃₅₃ = R₃₅₄ = R₃₅₅ = R₃₅₆ = R₃₅₇ = R₃₅₈ = R₃₅₉ = R₃₆₀ = R₃₆₁ = R₃₆₂ = R₃₆₃ = R₃₆₄ = R₃₆₅ = R₃₆₆ = R₃₆₇ = R₃₆₈ = R₃₆₉ = R₃₇₀ = R₃₇₁ = R₃₇₂ = R₃₇₃ = R₃₇₄ = R₃₇₅ = R₃₇₆ = R₃₇₇ = R₃₇₈ = R₃₇₉ = R₃₈₀ = R₃₈₁ = R₃₈₂

On the other hand, the fact that the α and β bands are not observed in the IR spectrum of the polymer suggests that the polymer is not a crystalline material.

[illegible]

(2) W
C
S
B
E

[illegible][illegible]

(5) $W = \langle a, b \mid a^m, b^m, (ab)^m \rangle$;

(6) W s s d l a i e l a i b a s e l a
m i a m e a s a s a b s b a m
a a a

(7) $W = \{a^i b^j \mid i, j \geq 1\}$ is a context-free language.

(II) Net realizable value of inventories

Relevant accounting periods: Year 2019, Year 2020 and Year 2021

1. K... a... m...

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

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

A... ba... a... a... a... a... a... ab...
a... ab... a... a... Ba... Ma... a... ba...
a... a... a... a... a... a... ab... a...
b... a... a... a... a... a... a...

A... a... Ma... a... a... ab... a...
Ma... a... ab... a...

2. R... a... a...

O... a... a... ab... a... a...

(1) W... a... a... a... ab... a...
a... a... a...

(2) W... a... ab... a... Ma... a... a...
a... a... a... Ma... a...

(3) W... a... ab... a... Ma... a...

(4) W... a... ab... a... Ma... a...

(5) W... a... a... a... a... ab... a...

(6) W... a... a... ab... a...

V. Responsibilities of the Management and Those Charged with Governance for the Financial Statements

The Management is responsible for the preparation and fair presentation of the financial statements in accordance with the applicable financial reporting framework, for such information as the Management is required to disclose in the financial statements, and for the internal control system designed to ensure the reliability of the financial statements.

The Management is also responsible for the preparation and fair presentation of the financial statements in accordance with the applicable financial reporting framework, for such information as the Management is required to disclose in the financial statements, and for the internal control system designed to ensure the reliability of the financial statements.

The Management is also responsible for the preparation and fair presentation of the financial statements in accordance with the applicable financial reporting framework, for such information as the Management is required to disclose in the financial statements, and for the internal control system designed to ensure the reliability of the financial statements.

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

Our objective is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether caused by fraud or error. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore cannot guarantee that a financial statement audit will detect a material misstatement. We are not responsible for preparing the financial statements, and we do not provide an opinion on the financial statements.

We are not responsible for preparing the financial statements, and we do not provide an opinion on the financial statements.

(I) In the course of our audit, we have identified certain areas of the financial statements that require further investigation. These areas are related to the accounting treatment of certain transactions, and we have discussed these areas with the Management. We have also performed additional procedures to address these areas, and we have concluded that the financial statements are free from material misstatement.

(II) Our objective is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether caused by fraud or error. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore cannot guarantee that a financial statement audit will detect a material misstatement.

(III) Our objective is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether caused by fraud or error. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore cannot guarantee that a financial statement audit will detect a material misstatement.

(IV) Our objective is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether caused by fraud or error. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore cannot guarantee that a financial statement audit will detect a material misstatement.

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated balance sheet
(Expressed in Renminbi Yuan)

Assets	Note No.	Dec. 31, 2021	Dec. 31, 2020	Dec. 31, 2019
Current assets:				
Cash and bank balances				
Accounts receivable	1	9,769,484,655.14	2,334,257,628.92	2,885,760,539.30
Prepaid expenses				
Other receivables				
Inventory	2			
Other current assets				

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated balance sheet (continued)
(Expressed in Renminbi Yuan)

Liabilities & Equity	Note No.	Dec. 31, 2021	Dec. 31, 2020	Dec. 31, 2019
G				
S	21	8,083,779,844.70	5,862,436,627.54	5,914,977,746.01
H	22	360,612.00	23,939,270.26	
D	23	104,821,710.25		
N	24	4,810,797,623.12	1,075,293,852.29	1,711,684,225.38
A	25	6,233,172,410.76	1,789,437,189.88	1,457,846,829.84
A	26	644,739,400.90	13,203,500.00	49,481,999.73
C	27	78,968,534.53	259,399,312.53	
E	28	477,791,587.03	246,927,241.56	150,675,728.77
T	29	1,053,002,433.60	498,051,676.99	180,632,990.49
O	30	1,434,593,185.87	769,409,094.84	622,534,152.84
L				
N	31	2,635,957,985.64	1,448,009,624.78	1,210,911,594.48
O	32	4,147,523.95	4,503,600.24	
T		25,562,132,852.35	11,990,610,990.91	11,298,745,267.54
N				
L	33	6,738,260,645.42	1,422,004,973.18	1,053,257,446.93
B	34			
I				
P				
L	35	32,788,255.14		
L	36	1,061,226,074.03	588,947,562.96	539,591,156.88
L				
P	37	26,769,294.11	13,842,559.43	6,676,814.98
D	38	518,873,112.92	410,473,311.89	238,813,222.82
D	19	148,328,994.62	67,633,648.10	39,007,391.77
O				
T		8,526,246,376.24	2,502,902,055.56	1,877,346,033.38
T		34,088,379,228.59	14,493,513,046.47	13,176,091,300.92
E	39	1,221,228,483.00	1,141,261,526.00	1,078,671,471.00
S				
O				
I				
P				
P				
Ca	40	10,218,296,584.42	3,879,698,604.43	2,606,657,306.83
L	41	339,232,639.00		
O	42	-419,363,343.56	-145,993,159.83	175,226,158.57
S	43	16,648,561.11	16,061,509.89	20,947,308.81
Si	44	309,732,264.90	223,433,020.86	187,336,331.51
G				
U	45	8,376,281,013.68	4,807,657,608.58	3,678,911,443.81
T		19,383,590,924.55	9,922,119,109.93	7,747,750,020.53
N		4,517,086,195.80	2,529,685,866.58	2,343,143,006.34
T		23,900,677,120.35	12,451,804,976.51	10,090,893,026.87
T		57,989,056,348.94	26,945,318,022.98	23,266,984,327.79
L				
O				
H				

Zhejiang Huayou Cobalt Co., Ltd.
Parent company balance sheet
(Expressed in Renminbi Yuan)

Assets	Note No.	Dec. 31, 2021	Dec. 31, 2020	Dec. 31, 2019
Current assets:				
Cash and cash equivalents		1,694,042,366.45	215,035,409.69	386,302,926.28
Receivables				
Due from related parties				
Due from non-related parties				
Prepaid expenses				
Other receivables				
Inventory				
Raw materials				
Work in progress				
Finished goods				
Cost of sales				
Other current assets				
Non-current assets:				
Long-term equity investments				
Investments in subsidiaries				
Investments in associates				
Investments in joint ventures				
Investments in other entities				
Fixed assets				
Property, plant and equipment				
Intangible assets				
Goodwill				
Deferred tax assets				
Other non-current assets				
Liabilities:				
Current liabilities:				
Accounts payable				
Short-term debt				
Other current liabilities				
Non-current liabilities:				
Long-term debt				
Other non-current liabilities				
Equity:				
Capital				
Reserves				
Other equity				

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

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated income statement
(Expressed in Renminbi Yuan)

Items	Note No.	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
Tax expenses	2	303,960,188.10	193,966,925.99	253,765,969.12
Sales commission	3	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 expenses	5	816,270,207.36	370,784,128.95	267,610,711.83
Financial expenses	6	484,339,894.16	402,527,873.65	427,102,612.32
Impairment loss		502,298,446.61	394,032,889.30	375,408,861.86
Investment income		74,079,354.47	23,232,304.04	19,536,813.86
Other income	7	50,782,020.25	62,974,326.30	86,295,997.91
Less: Income tax expense	8	635,964,514.58	72,834,490.78	-46,412,288.07
Less: Minority interest		599,789,831.39	58,862,496.59	-9,014,236.77
Gain on disposal of subsidiaries		-11,847,935.72	-3,683,035.79	-11,603,265.73
Gain on disposal of long-term equity investments				
Gain on disposal of subsidiaries	9	-14,588,816.50	-28,580,084.57	-37,127,376.99
Currency exchange	10	-83,189,523.03	-59,163,312.39	-37,637,572.84
Administrative expenses	11	-47,853,810.51	-46,346,618.09	-328,850,640.46
Gain on disposal of subsidiaries	12	-3,122,487.58	296,741.07	
II. Other income		4,901,299,152.47	1,515,200,166.61	160,982,621.81
Net income	13	2,560,253.32	2,582,256.99	9,711,493.33
Net income	14	75,580,542.84	39,060,181.07	11,428,407.01
III. Profit before tax		4,828,278,862.95	1,478,722,242.53	159,265,708.13
Less: Income tax	15	804,638,930.77	353,069,064.61	51,141,792.63
IV. Net income		4,023,639,932.18	1,125,653,177.92	108,123,915.50
(I) Cash and cash equivalents				
1. Net income		4,023,639,932.18	1,125,653,177.92	108,123,915.50
2. Net income				
(II) Cash and cash equivalents				
1. Net income		3,897,503,525.74	1,164,842,854.12	119,534,808.82
2. Net income				
Net income		126,136,406.44	-39,189,676.20	-11,410,893.32
V. Other income	16	-294,048,690.02	-374,516,346.16	109,471,448.57
Less: Minority interest		-273,370,183.73	-321,219,318.40	98,121,833.27

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated income statement (continued)
(Expressed in Renminbi Yuan)

Items	Note No.	Year 2021	Year 2020	Year 2019
(I) N b a		-4,103,575.00	-16,276,517.52	-28,688,489.24
1. R a b m a				
2. I m a b a m a				
3. C a a a		-4,103,575.00	-16,276,517.52	-28,688,489.24
4. C a m a a m				
5. O				
(II) T b a b		-269,266,608.73	-304,942,800.88	126,810,322.51
1. I a b a				
2. C a a a		-40,330,076.10	-63,418,820.75	5,075,457.94
3. P a a a a				
4. P a m b				
5. Ca				
6. T a a		-228,936,532.63	-241,523,980.13	121,734,864.57
7. O				
I. m a b ab		-20,678,506.29	-53,297,027.76	11,349,615.30
VI. T a m		3,729,591,242.16	751,136,831.76	217,595,364.07
I. m a b ab		3,624,133,342.01	843,623,535.72	217,656,642.09
I. m a b ab		105,457,900.15	-92,486,703.96	-61,278.02
VII. Ea (EPS):				
(I) Ba EPS (a a)		3.25	1.03	0.11
(II) D EPS (a a)		3.24	1.03	0.11

$$L(a_1, \dots, a_n) = O(a_1, \dots, a_n) + H(a_1, \dots, a_n)$$

Zhejiang Huayou Cobalt Co., Ltd.
Parent company income statement
(Expressed in Renminbi Yuan)

Items	Note No.	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
Tax expenses		8,731,409.47	2,618,404.52	7,172,319.62
Sales expenses		4,350,060.34	2,426,372.86	11,270,218.28
Administrative expenses		357,922,675.89	190,024,233.58	150,872,538.77
R&D expenses	2	136,031,825.10	108,564,076.27	134,890,710.27
Financial expenses		123,147,032.84	222,471,349.47	182,756,641.37
Investment income		148,201,610.85	156,928,524.38	162,191,053.07
Other income		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 expense	3	263,037,586.70	46,192,071.04	-5,061,395.89
Income tax expense		-3,406,932.38	-40,710.10	-2,080,415.06
Gains from disposal of subsidiaries		-7,209,802.76	-7,503,599.99	-609,097.22
Gains from disposal of long-term equity investments		8,254,968.09	-8,254,968.09	6,529,248.16
Currency exchange gains		1,557,346.12	252,397.51	-3,452,367.96
Other gains		-130,024.83		-9,569,192.58
II. Operating profit		961,342,493.48	403,431,124.63	37,216,111.56
Non-operating income		980,241.49	700,417.94	399,476.05
Non-operating expenses		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 flow				
1. Net cash flow		862,992,440.35	360,966,893.51	31,473,141.98
2. Net cash flow				
(II) Cash flow				
1. Net cash flow				
2. Net cash flow				
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)
(Expressed in Renminbi Yuan)

Items	Note No.	Year 2021	Year 2020	Year 2019
(I) Net profit attributable to owners of the parent		-4,103,575.00	-7,207,935.76	-28,688,489.24
1. Return on disposal of long-term investments				
2. Income from associates and joint ventures				
3. Corporate income tax		-4,103,575.00	-7,207,935.76	-28,688,489.24
4. Corporate income tax				
5. Other				
(II) Total profit attributable to owners of the parent				
1. Income from associates and joint ventures				
2. Corporate income tax				
3. Profit from disposal of long-term investments				
4. Profit from disposal of long-term investments				
5. Cash and cash equivalents				
6. Tax				
7. Other				
I. Net profit attributable to owners of the parent				
VI. Total profit attributable to owners of the parent		858,888,865.35	353,758,957.75	2,784,652.74
I. Net profit attributable to owners of the parent				
I. Net profit attributable to owners of the parent				
VII. Earnings per share (EPS):				
(I) Basic EPS (元)				
(II) Diluted EPS (元)				
Loss attributable to owners of the parent	Other comprehensive income			

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated cash flow statement
(Expressed in Renminbi Yuan)

Items	Note No.	Year 2021	Year 2020	Year 2019
I. Cash flows from operating activities				
1. Cash received from sales of goods and services				
2. Cash received from interest income				
3. Cash received from dividends and other income				
4. Cash paid for purchase of goods and services				
5. Cash paid for interest and taxes				
6. Cash paid for acquisition of subsidiaries and other businesses				
7. Cash received from disposal of subsidiaries and other businesses				
8. Cash received from financing activities				
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100. Cash paid for other activities				

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated cash flow statement (continued)
(Expressed in Renminbi Yuan)

Items	Note No.	Year 2021	Year 2020	Year 2019
III. Cash flows from investing activities				
Cash paid for the acquisition of subsidiaries and businesses		6,596,635,884.32	1,204,746,609.41	1,563,724,352.85
Interest received from cash investments				
Dividend income from cash investments		298,609,257.76	410,466,611.67	1,563,724,352.85
Cash received from the disposal of subsidiaries and businesses		14,585,409,166.59	10,926,568,980.92	10,969,374,637.73
Other cash flows from investing activities	5	3,126,476,739.88	2,560,525,502.47	1,984,855,492.52
Subsidiaries and businesses acquired		24,308,521,790.79	14,691,841,092.80	14,517,954,483.10
Cash paid for the acquisition of subsidiaries and businesses		7,061,305,981.48	10,039,226,609.35	10,569,634,929.20
Cash received from the disposal of subsidiaries and businesses		775,505,700.11	377,902,779.30	504,319,113.97
Interest received from cash investments				
Dividend income from cash investments			2,230,636.64	
Other cash flows from investing activities	6	3,193,246,446.60	2,815,986,450.25	875,851,578.10
Subsidiaries and businesses acquired		11,030,058,128.19	13,233,115,838.90	11,949,805,621.27
Net cash flows from investing activities		13,278,463,662.60	1,458,725,253.90	2,568,148,861.83
IV. Cash flows from financing activities				
Cash received from the issuance of equity		162,720,298.96	115,531,175.47	72,678,380.96
V. Net cash flows from financing activities		4,618,913,889.05	-495,101,094.13	154,859,614.45
Other cash flows from financing activities		1,489,479,506.70	1,984,580,600.83	1,829,720,986.38
VI. Cash flows from operating activities		6,108,393,395.75	1,489,479,506.70	1,984,580,600.83
Other cash flows from operating activities				
Net cash flows from operating activities				
Other cash flows from operating activities				

Zhejiang Huayou Cobalt Co., Ltd.
Parent company cash flow statement
(Expressed in Renminbi Yuan)

Items	Year 2021	Year 2020	Year 2019
I. Cash flows from operating activities			
Cash received from sales of goods and services	2,923,758,364.85	2,405,472,760.95	2,688,935,040.23
Receipts from government grants	820,908.58	14,473,280.16	1,358,660.62
Other cash receipts			
Less: Cash paid for purchases of goods and services	99,572,443.46	102,941,933.69	18,452,224.00
Payments for taxes and social security	3,024,151,716.89	2,522,887,974.80	2,708,745,924.85
Other cash payments			
Net cash generated from operating activities	2,932,882,430.46	1,411,826,061.92	965,972,749.91
Cash received from disposal of subsidiaries	209,351,045.00	161,430,461.51	123,087,570.59
Cash received from disposal of long-term investments	86,337,100.72	13,128,903.65	108,867,420.22
Other cash receipts			
Less: Cash paid for acquisition of subsidiaries	183,077,128.98	170,381,324.97	206,719,765.74
Payments for acquisition of long-term investments	3,411,647,705.16	1,756,766,752.05	1,404,647,506.46
Other cash payments	-387,495,988.27	766,121,222.75	1,304,098,418.39
Net cash generated from investing activities	1,016,306,343.53	3,701,301.12	121,600,000.00
Cash received from disposal of subsidiaries	279,400,408.01	96,628,301.60	7,972,752.68
Other cash receipts			
Less: Cash paid for acquisition of subsidiaries	16,295,053.73	357,322.61	340,342.98
Payments for acquisition of long-term investments			
Other cash payments			
Net cash generated from financing activities	13,147,440.89	174,327,191.91	751,334,493.77
Other cash receipts			
Less: Cash paid for acquisition of subsidiaries	1,325,149,246.16	275,014,117.24	881,247,589.43
Payments for acquisition of long-term investments			
Other cash payments	96,189,296.82	151,718,476.22	74,746,406.56
Net cash generated from financing activities	5,876,244,293.92	1,176,616,176.26	1,991,591,112.01
Other cash receipts			
Less: Cash paid for acquisition of subsidiaries			
Payments for acquisition of long-term investments			
Other cash payments			
Net cash generated from financing activities	2,710,098,444.61	167,918,073.15	
Other cash receipts			
Less: Cash paid for acquisition of subsidiaries	8,682,532,035.35	1,496,252,725.63	2,066,337,518.57
Payments for acquisition of long-term investments			
Other cash payments	-7,357,382,789.19	-1,221,238,608.39	-1,185,089,929.14

Items	Year 2021	Year 2020	Year 2019
III. Ca			
Ca			
I	6,298,026,626.56	794,279,997.74	
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O	5,363,137,898.51	2,680,858,282.23	3,758,166,044.22
I			

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated statement of changes in equity
(Expressed in Renminbi Yuan)

Year 2021

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

Year 2021

Equity attributable to parent company													
Items	Other equity instruments				Capital reserve	Less: Treasury shares	Other comprehensive income	Special reserve	Surplus reserve	General risk reserve	Undistributed profit	Non-controlling interest	Total equity
	Share capital	Preferred shares	Perpetual bonds	Others									
(V) Shareholders' equity								587,051.22					587,051.22
1. Available for sale financial assets								50,659,375.38					50,659,375.38
2. Available for sale equity instruments								-50,072,324.16					-50,072,324.16
(VI) Other equity instruments												1,571,647,348.65	1,571,647,348.65
IV. Balance at the beginning of the year	1,221,228,483.00				102,182,296,584.42	339,232,639.00	-419,363,343.56	16,648,561.11	309,732,264.90		8,376,281,013.68	4,517,086,195.80	23,900,677,120.35
Less: Shareholders' equity													
Other equity instruments													
Other comprehensive income													
Less: Treasury shares													
Special reserve													
Surplus reserve													
General risk reserve													
Undistributed profit													
Non-controlling interest													
Total equity													

Zhejiang Huayou Cobalt Co., Ltd.

Year 2020

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

Year 2020

Items	Equity attributable to parent company										Non-controlling interest	Total equity
	Other equity instruments					Other						
	Share capital	Preferred shares	Capital reserve	Less: Treasury shares	Other comprehensive income	Special reserve	Surplus reserve	General risk reserve	Undistributed profit			

Zhejiang Huayou Cobalt Co., Ltd.

Year 2019

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

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Zhejiang Huayou Cobalt Co., Ltd.
Parent company statement of changes in equity
(Expressed in Renminbi Yuan)

Year 2021

Items	Other equity instruments				Less: Treasury shares	Other comprehensive income	Special reserve	Surplus reserve	Undistributed profit	Total equity
	Share capital	Preferred shares	Perpetual bonds	Others						
I. Balance at the beginning of the year	1,141,261,526.00					-35,896,425.00	6,938,266.87	223,433,020.86	1,566,813,803.32	6,521,886,316.41
II. Balance at the end of the year	1,141,261,526.00					-35,896,425.00	6,938,266.87	223,433,020.86	1,566,813,803.32	6,521,886,316.41
III. Changes during the year	79,966,957.00				339,232,639.00	-4,103,575.00	-6,915,639.74	86,299,244.04	534,112,319.71	6,684,929,541.64
(I) Total	79,966,957.00				339,232,639.00	-4,103,575.00	-6,915,639.74	86,299,244.04	534,112,319.71	6,684,929,541.64

Zhejiang Huayou Cobalt Co., Ltd.
Parent company statement of changes in equity (continued)
(Expressed in Renminbi Yuan)

Year 2019

Items	Other equity instruments			Less: Treasury shares	Other comprehensive income	Special reserve	Surplus reserve	Undistributed profit	Total equity
	Share capital	Preferred shares	Perpetual bonds	Others	Capital reserve				
I. Ba a s a	829,747,285.00				2,344,696,930.87	16,416,325.60	182,633,133.09	1,282,589,541.87	4,656,083,216.43
II. Ba a s a							1,555,884.22	14,002,958.01	15,558,842.23
III. C									
(I) T . a s a	829,747,285.00				2,344,696,930.87	16,416,325.60	184,189,017.31	1,296,592,499.88	4,671,642,058.66
(II) C a . a	248,924,186.00				-248,924,186.00	100,190.10	3,147,314.20	-54,648,900.72	-80,089,885.66
I. O . a . a								31,473,141.98	2,784,652.74

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3. Recognition criteria and measurement method of financial assets transfer

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4. Fair value determination method of financial assets and liabilities

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3. Basis for determining net realizable value

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4. Inventory system

Practical applications of the model

5. *Amortization method of low-value consumables and packages*

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(XII) Contract costs

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3. The assets, liabilities and equity

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The assets, liabilities and equity are measured at fair value less costs of disposal. Assets are measured at fair value less costs of disposal. Liabilities are measured at fair value less costs of disposal. Equity is measured at fair value less costs of disposal. The assets, liabilities and equity are measured at fair value less costs of disposal. Assets are measured at fair value less costs of disposal. Liabilities are measured at fair value less costs of disposal. Equity is measured at fair value less costs of disposal.

(XIII) Non-current assets or disposal groups held for sale

1. Classification of non-current assets or disposal groups held for sale

Non-current assets or disposal groups held for sale are classified as such when they are available for sale in their present condition and their carrying amount is expected to be recovered through sale. (1) Assets are classified as such when they are available for sale in their present condition and their carrying amount is expected to be recovered through sale. (2) Assets are classified as such when they are available for sale in their present condition and their carrying amount is expected to be recovered through sale.

When the carrying amount of an asset or disposal group is greater than its fair value less costs of disposal, the carrying amount is reduced to its fair value less costs of disposal. When the carrying amount of an asset or disposal group is less than its fair value less costs of disposal, the carrying amount is increased to its fair value less costs of disposal.

Assets or disposal groups held for sale are classified as such when they are available for sale in their present condition and their carrying amount is expected to be recovered through sale. (1) Assets are classified as such when they are available for sale in their present condition and their carrying amount is expected to be recovered through sale. (2) Assets are classified as such when they are available for sale in their present condition and their carrying amount is expected to be recovered through sale.

2. Measurement of non-current assets or disposal groups held for sale

(1) The assets or disposal groups held for sale are measured at fair value less costs of disposal.

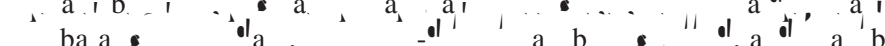
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1. Judgment of joint control and significant influence

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2. Determination of investment cost


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3. Subsequent measurement and recognition method of profit or loss

F a l s e m a n i f e s t a t i o n s a r e c o n s i d e r e d a s a p a r t i c u l a r c a s e o f m a n i f e s t a t i o n s .

2. Depreciation method of different categories of fixed assets

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

(XVI) Construction in progress

1. Construction in progress is a temporary account used to accumulate the costs of construction projects. It is a contra-asset account, meaning it has a debit balance. The account is used to record the costs of construction projects, including materials, labor, and overheads. The account is closed to the Construction Expense account at the end of the period.
2. Construction in progress is a temporary account used to accumulate the costs of construction projects. It is a contra-asset account, meaning it has a debit balance. The account is used to record the costs of construction projects, including materials, labor, and overheads. The account is closed to the Construction Expense account at the end of the period.

(XVII) Borrowing costs

1. Recognition principle of borrowing costs capitalization

Borrowing costs are the costs incurred by an entity in connection with the borrowing of funds. These costs are recognized as an expense in the period in which they are incurred. However, if the borrowing costs are directly attributable to the acquisition, construction, or production of a qualifying asset, they are capitalized as part of the cost of that asset. A qualifying asset is one that necessarily takes a substantial period of time to get ready for its intended use or sale.

2. Borrowing costs capitalization period

- (1) The borrowing costs capitalization period begins when the entity commences activities that are necessary to prepare the qualifying asset for its intended use or sale. It ends when the entity completes substantially all the activities necessary to prepare the qualifying asset for its intended use or sale. The borrowing costs capitalization period is the period during which the borrowing costs are capitalized as part of the cost of the qualifying asset.
- (2) The borrowing costs capitalization period is the period during which the borrowing costs are capitalized as part of the cost of the qualifying asset. It begins when the entity commences activities that are necessary to prepare the qualifying asset for its intended use or sale. It ends when the entity completes substantially all the activities necessary to prepare the qualifying asset for its intended use or sale.
- (3) The borrowing costs capitalization period is the period during which the borrowing costs are capitalized as part of the cost of the qualifying asset. It begins when the entity commences activities that are necessary to prepare the qualifying asset for its intended use or sale. It ends when the entity completes substantially all the activities necessary to prepare the qualifying asset for its intended use or sale.

3. Capitalization rate and capitalized amount of borrowing costs

[illegible]

(XVIII) *Intangible assets*

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Items	Amortization period (years)
Land and buildings	25-99
Ships and boats	2-10
Plant and equipment	5-20
Patents and other intangible assets	8-10

- [illegible]

[illegible]

[illegible]


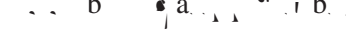










F

F

(2) Assume that $a, m, b \in C_{\text{aff}}(a, b)$ and $a, m, b \in C_{\text{aff}}(a, b)$.

(1)

[illegible]

(3) A.  C           

4. Termination benefits

$$T_{ab} = \begin{pmatrix} a & b \\ b & a \end{pmatrix} \quad (1)$$

$$C_{ab} = \begin{pmatrix} a & b \\ b & a \end{pmatrix} \quad (2)$$

5. Other long-term employee benefits

[illegible]

(XXIII) Provisions

[illegible]

2. The following table shows the number of shares issued by the company in the year 2010.

(XXIV) *Share-based payment*

1. *Types of share-based payment*

Share-based payment is a transaction in which the entity acquires goods or services from the supplier by issuing equity instruments of the entity.

2. *Accounting treatment for settlements, modifications and cancellations of share-based payment plans*

- (1) *Settlement of share-based payment*

When the entity settles the share-based payment, it should recognize the expense or income in the profit and loss account. The expense or income should be calculated as the difference between the fair value of the equity instrument issued and the fair value of the goods or services received. The expense or income should be recognized in the profit and loss account in the period in which the settlement occurs.

For example, if the entity issues 100 shares of ₹10 each to settle a liability of ₹1,000, the expense or income will be ₹1,000. The expense or income will be recognized in the profit and loss account in the period in which the settlement occurs.

- (2) *Cancellation of share-based payment*

When the entity cancels the share-based payment, it should recognize the expense or income in the profit and loss account. The expense or income should be calculated as the difference between the fair value of the equity instrument issued and the fair value of the goods or services received. The expense or income should be recognized in the profit and loss account in the period in which the cancellation occurs.

- (3) *Modification of share-based payment*

When the entity modifies the share-based payment, it should recognize the expense or income in the profit and loss account. The expense or income should be calculated as the difference between the fair value of the equity instrument issued and the fair value of the goods or services received. The expense or income should be recognized in the profit and loss account in the period in which the modification occurs.

[illegible]

1. Year 2020 to Year 2021

[illegible]

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a m a m a m a a a

[illegible]

(XXVI) *Government grants*

1. Government grants are classified into two categories: (1) Government grants related to assets and (2) Government grants related to income.

2. *Government grants related to assets*

Government grants related to assets are those grants that are provided to an enterprise for the acquisition, construction, or improvement of a long-term asset. Such grants are recognized as income over the useful life of the asset. For example, if a government grants an enterprise \$100,000 to acquire a piece of equipment with a useful life of 10 years, the enterprise would recognize \$10,000 of income each year for 10 years.

3. *Government grants related to income*

Government grants related to income are those grants that are provided to an enterprise for the purpose of compensating it for losses or expenses incurred in the production of income. Such grants are recognized as income in the period in which they are received. For example, if a government grants an enterprise \$100,000 to compensate it for losses incurred in the production of income, the enterprise would recognize \$100,000 of income in the period in which it received the grant.

4. Government grants related to income are those grants that are provided to an enterprise for the purpose of compensating it for losses or expenses incurred in the production of income. Such grants are recognized as income in the period in which they are received.

5. *Policy interest subvention*

(1) Interest subvention is a government grant that is provided to an enterprise for the purpose of compensating it for losses or expenses incurred in the production of income. Such grants are recognized as income in the period in which they are received.

(2) Interest subvention is a government grant that is provided to an enterprise for the purpose of compensating it for losses or expenses incurred in the production of income. Such grants are recognized as income in the period in which they are received.

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a a ba

[illegible][illegible]

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1. Year 2021

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a *a* *a* *a* *a* *a* - *a* *a* .

(1) O, a_1, \dots, a_n

[illegible][illegible]

(2) F_1 a \bullet a.

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[illegible]

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- (XXXII) *Other significant accounting policies and estimates*

I. H^o₁, s^o₁, a₁, a₁, s^o₁, sa₁, s^o₁, a^o₁, s^o₁, a^o₁, s^o₁, m^o₁

- [illegible]

1 F-57 1

3. Hedge accounting

(1) $Fa_1 \vdash a_1$ \bullet

(1) $G_{A_1} = \langle \sigma_1, \sigma_2, \sigma_3, \sigma_4, \sigma_5, \sigma_6, \sigma_7, \sigma_8, \sigma_9, \sigma_{10}, \sigma_{11}, \sigma_{12}, \sigma_{13}, \sigma_{14}, \sigma_{15}, \sigma_{16}, \sigma_{17}, \sigma_{18}, \sigma_{19}, \sigma_{20}, \sigma_{21}, \sigma_{22}, \sigma_{23}, \sigma_{24}, \sigma_{25}, \sigma_{26}, \sigma_{27}, \sigma_{28}, \sigma_{29}, \sigma_{30}, \sigma_{31}, \sigma_{32}, \sigma_{33}, \sigma_{34}, \sigma_{35}, \sigma_{36}, \sigma_{37}, \sigma_{38}, \sigma_{39}, \sigma_{40}, \sigma_{41}, \sigma_{42}, \sigma_{43}, \sigma_{44}, \sigma_{45}, \sigma_{46}, \sigma_{47}, \sigma_{48}, \sigma_{49}, \sigma_{50}, \sigma_{51}, \sigma_{52}, \sigma_{53}, \sigma_{54}, \sigma_{55}, \sigma_{56}, \sigma_{57}, \sigma_{58}, \sigma_{59}, \sigma_{60}, \sigma_{61}, \sigma_{62}, \sigma_{63}, \sigma_{64}, \sigma_{65}, \sigma_{66}, \sigma_{67}, \sigma_{68}, \sigma_{69}, \sigma_{70}, \sigma_{71}, \sigma_{72}, \sigma_{73}, \sigma_{74}, \sigma_{75}, \sigma_{76}, \sigma_{77}, \sigma_{78}, \sigma_{79}, \sigma_{80}, \sigma_{81}, \sigma_{82}, \sigma_{83}, \sigma_{84}, \sigma_{85}, \sigma_{86}, \sigma_{87}, \sigma_{88}, \sigma_{89}, \sigma_{90}, \sigma_{91}, \sigma_{92}, \sigma_{93}, \sigma_{94}, \sigma_{95}, \sigma_{96}, \sigma_{97}, \sigma_{98}, \sigma_{99}, \sigma_{100} \rangle$

(2) T


XVIII CASBE 22 F

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(3) Financial assets and liabilities are measured at fair value. The fair value of financial assets and liabilities is determined using the market price of the instrument at the reporting date. If there is no active market for the instrument, the fair value is determined using the best available information.

(3) Hedges are accounted for in accordance with the applicable accounting standards.

The Company's accounting policies and estimates are consistent with the applicable accounting standards. The Company's accounting policies and estimates are consistent with the applicable accounting standards. The Company's accounting policies and estimates are consistent with the applicable accounting standards.

(XXXIII) Significant changes in accounting policies and estimates

1. Year 2021

The Company has adopted the new accounting standards issued by CASBE.

(1) The Company has adopted the new accounting standards issued by CASBE 21, Lease (effective from January 1, 2021) (effective from January 1, 2021).

1) Financial assets and liabilities are measured at fair value. The fair value of financial assets and liabilities is determined using the market price of the instrument at the reporting date. If there is no active market for the instrument, the fair value is determined using the best available information.

The Company's accounting policies and estimates are consistent with the applicable accounting standards. The Company's accounting policies and estimates are consistent with the applicable accounting standards. The Company's accounting policies and estimates are consistent with the applicable accounting standards.

The Company's accounting policies and estimates are consistent with the applicable accounting standards. The Company's accounting policies and estimates are consistent with the applicable accounting standards. The Company's accounting policies and estimates are consistent with the applicable accounting standards.

a. The Company has adopted the new accounting standards issued by CASBE 21, Lease (effective from January 1, 2021) (effective from January 1, 2021).

Items	Balance sheet		
	Dec. 31, 2020	Effect due to revised lease standard	Jan. 1, 2021
Assets	780,865,279.18	-2,265,865.85	778,599,413.33
Liabilities		49,612,455.59	49,612,455.59
Net assets	1,448,009,624.78	11,189,108.80	1,459,198,733.58
Equity		36,157,480.94	36,157,480.94

- b. $S_{\text{max}} = a_1 + a_2 + a_3 + \dots + a_n$;
- (i) $F = a_1 + a_2 + a_3 + \dots + a_n$ 12 $a_1 + a_2 + a_3 + \dots + a_n$;
- (ii) $T = C_{\text{max}} a_1 + a_2 + a_3 + \dots + a_n$;
- (iii) $I = a_1 + a_2 + a_3 + \dots + a_n$;
- (iv) $T = C_{\text{max}} a_1 + a_2 + a_3 + \dots + a_n$;
- (v) $A = a_1 + b_1 + a_2 + b_2 + a_3 + b_3 + \dots + a_n + b_n$;
- (vi) $F = a_1 + a_2 + a_3 + \dots + a_n$;
- (vii) $T = a_1 + a_2 + a_3 + \dots + a_n$;
- 2) $F = a_1 + a_2 + a_3 + \dots + a_n$;
- 3) $F = a_1 + a_2 + a_3 + \dots + a_n$;
- 4) $A = a_1 + a_2 + a_3 + \dots + a_n$;
- $F = a_1 + a_2 + a_3 + \dots + a_n$;
- (2) $T = C_{\text{max}} a_1 + a_2 + a_3 + \dots + a_n$;
- (3) $T = C_{\text{max}} a_1 + a_2 + a_3 + \dots + a_n$;

2. Year 2020

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- (1) The CASBE 14 R... (...)
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... ab... ma... a... m... a... m... a...

Items	Carrying amount under original standards (Dec. 31, 2018)	Reclassification	Remeasurement	Carrying amount under revised standards (Jan. 1, 2019)
b. Monetary assets, net				
Held for sale				
Financial assets		166,915,198.87		166,915,198.87
Fair value adjustments				
Financial assets	15,315,198.87	-15,315,198.87		
Other				
Financial assets		12,573,600.00		12,573,600.00
Fair value adjustments				
Financial assets	15,315,198.87	164,173,600.00		179,488,798.87
Monetary liabilities, net				
Borrowings		576,292,483.20		576,292,483.20
Other	151,600,000.00	-151,600,000.00		
Financial liabilities				
Financial liabilities	63,192,181.76	-63,192,181.76		
Other				
Financial liabilities		50,618,581.76		50,618,581.76
Fair value adjustments				
Financial liabilities	214,792,181.76	412,118,883.20		626,911,064.96
B. Financial assets				
Monetary assets				
Sight deposits	5,121,992,187.76			5,121,992,187.76
Notes	762,017,481.23			762,017,481.23
Notes				

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 P...E...I...Ta...R...a...E...H...a...C...H...a...
 C...a...m...H...a...C...a...15...a...a...a...
 ...a...m...m...a...I...a...a...a...50%...2...
 a...ab...

P...a...D...M...F...a...I...a...C...I...D...
 R...Ma...R...C...H...a...C...a...C...
 F...I...m...H...a...C...a...a...a...a...
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(I) Notes to items of the consolidated balance sheet

(1) D, a₁.

(2) $D_{\mathcal{A}_1} = \begin{pmatrix} a & a \\ a & ba \end{pmatrix}$

2. Held-for-trading financial assets

Items	December 31, 2021	December 31, 2020	December 31, 2019
Financial assets held for trading	332,752,951.53	30,317,180.12	103,543,722.85
Investment in subsidiaries	300,239,589.04		20,035,361.11
Derivatives	32,513,362.49	30,317,180.12	83,508,361.74
Total	332,752,951.53	30,317,180.12	103,543,722.85

3. Accounts receivable

(1) Details

1) Details

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

(Continued)

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

(Continued)

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

(C 3, 1, 1)

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

(2) A a a

Ages	Book balance		
	December 31, 2021	December 31, 2020	December 31, 2019
W 3, 1, 1	4,601,347,981.21	1,178,381,700.06	907,753,151.27
1-2	5,371,894.38	26,093,185.86	7,225,134.88
2-3	25,563,177.98	5,089,781.98	9,891,485.20
O 3	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 3, 1, 1 b a b

1) Y a 2021

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others [Note]	Reversal	Write-off	Others [Note]	
R 3, 1, 1								
a 3, 1, 1								
b a	20,200,435.00	313,512.72		4,724,396.86				25,238,344.58
R 3, 1, 1								
a 3, 1, 1								
b a	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	Write-off	Others	
R 3, 1, 1								
a 3, 1, 1								
b a	16,328,559.34	3,871,875.66						20,200,435.00
R 3, 1, 1								
a 3, 1, 1								
b a	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

[illegible]

(4) $D(a_1, \dots, a_5) = b_1 a_1 + b_2 a_2 + b_3 a_3 + b_4 a_4 + b_5 a_5$.

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

4. *Receivables financing*

(1) D_{α_1} .

	December 31, 2021		December 31, 2020	
Items	Carrying amount	Accumulated provision for credit impairment	Carrying amount	Accumulated provision for credit impairment
Bank balances, net	1,319,017,850.74		762,316,046.62	
Trade receivables	1,319,017,850.74		762,316,046.62	

(C₂H₄)₂O

		December 31, 2019	
Items		Carrying amount	Accumulated provision for credit impairment
Balance at January 1, 2019		460,537,826.62	
Transfer		460,537,826.62	

(2) N is a \mathbb{Z} -submodule of M such that $N \cap \mathfrak{a} = \mathfrak{a}N$ and $N \cap \mathfrak{a}^2 = \mathfrak{a}^2N$.

(3) P

Items	December 31, 2021	December 31, 2020	December 31, 2019
Balance at the beginning of the year	392,771,270.84	511,417,886.84	188,831,996.10
Subsequent acquisition	392,771,270.84	511,417,886.84	188,831,996.10

(5) N s₁ ab₁ a₁ s₁ a₁ , a₁ | 88_{mm} 118 a₁ s₁ , a₁ s₁ | 84 s₁ ab₁ 37 a₁ s₁ | 84

(2) Debtors, 5% of balance, as follows:

Items	December 31, 2021	December 31, 2020	December 31, 2019
Debtors	551,743,831.62	651,166,301.96	875,978,049.60
Provision for doubtful debts, as a percentage (%)	51.00	80.10	82.06

6. Other receivables

(1) Debtors

1) Debtors, as follows:

Categories	December 31, 2021				
	Book balance		Provision for bad debts		
	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
Receivables from related parties	3,917,282.59	1.40	3,917,282.59	100.00	
Receivables from other parties	275,267,441.02	98.60	40,076,679.81	14.56	235,190,761.21
Total	279,184,723.61	100.00	43,993,962.40	15.76	235,190,761.21

(Continued)

Categories	December 31, 2020				
	Book balance		Provision for bad debts		
	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
Receivables from related parties					
Receivables from other parties	239,863,271.20	100.00	58,006,033.06	24.18	181,857,238.14
Total	239,863,271.20	100.00	58,006,033.06	24.18	181,857,238.14

(Continued)

Categories	December 31, 2019				
	Book balance		Provision for bad debts		
	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
Receivables from related parties					
Receivables from other parties	222,421,799.14	100.00	33,084,874.38	14.87	189,336,924.76
Total	222,421,799.14	100.00	33,084,874.38	14.87	189,336,924.76

2) O. ab a a a ba

D. b 31, 2021

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

3) 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. ab	79,374,213.15			34,360,309.10		
P. a	195,893,227.87	40,076,679.81	20.46	205,502,962.10	58,006,033.06	28.23
I. W. 1 a	108,867,653.68	5,443,382.68	5.00	74,583,534.74	3,729,176.74	5.00
1-2 a	49,264,852.61	9,852,970.52	20.00	50,712,953.36	10,142,590.67	20.00
2-3 a	25,960,789.95	12,980,394.98	50.00	72,144,416.70	36,072,208.35	50.00
O 3 a	11,799,931.63	11,799,931.63	100.00	8,062,057.30	8,062,057.30	100.00
S. a	275,267,441.02	40,076,679.81	14.56	239,863,271.20	58,006,033.06	24.18

(C.)

Portfolios	December 31, 2019		
	Book balance	Provision for bad debts	Provision proportion (%)
P. ab	39,202,977.25		
P. a	183,218,821.89	33,084,874.38	18.06
I. W. 1 a	68,750,979.00	3,437,548.95	5.00
1-2 a	105,559,772.04	21,111,954.41	20.00
2-3 a	745,399.66	372,699.83	50.00
O 3 a	8,162,671.19	8,162,671.19	100.00
S. a	222,421,799.14	33,084,874.38	14.87

(2) A. a a

Ages	Book balance		
	December 31, 2021	December 31, 2020	December 31, 2019
W. 1 a	192,159,149.42	108,943,843.84	107,953,956.25
1-2 a	49,264,852.61	50,712,953.36	105,559,772.04
2-3 a	25,960,789.95	72,144,416.70	745,399.66
O 3 a	11,799,931.63	8,062,057.30	8,162,671.19
T. a	279,184,723.61	239,863,271.20	222,421,799.14

(3) C a t e g o r y b a d 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 s	3,729,176.74	10,142,590.67	44,134,265.65	58,006,033.06
O, i b a a s				
T a 2 . . .	-2,463,242.63	2,463,242.63		
T a 3 . . .		-5,192,157.99	5,192,157.99	
R 2				
R 1				
P m a l	3,184,069.86	1,954,658.44	-20,461,352.51	-15,322,624.21
P s				
P s				
P s				
O, s a t [N]	993,378.71	484,636.77	-167,461.93	1,310,553.55
C i b a a s	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 s	3,437,548.95	21,111,954.41	8,535,371.02	33,084,874.38
O, i b a a s				
T a 2 . . .	-2,535,647.67	2,535,647.67		
T a 3 . . .		-14,428,883.34	14,428,883.34	
R 2				
R 1				
P m a l	2,827,275.46	923,871.93	21,170,011.29	24,921,158.68
P s				
P s				
P s				
O, s a t				
C i b a a s	3,729,176.74	10,142,590.67	44,134,265.65	58,006,033.06

3) Y a 2019

8. *Other current assets*

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
I, r, VAT, b						
.....	861,711,599.53		861,711,599.53	524,144,114.07		524,144,114.07
P, a						
.....	4,763,559.99		4,763,559.99	2,561,986.93		2,561,986.93
T, a	866,475,159.52		866,475,159.52	526,706,101.00		526,706,101.00

(C, a, r, d)

Items	December 31, 2019		
	Book balance	Provision for impairment	Carrying amount
I, r, VAT, b			
.....	496,956,970.05		496,956,970.05
P, a	7,609,387.66		7,609,387.66
T, a	504,566,357.71		504,566,357.71

9. *Long-term receivables*

(1) D, a, r, d

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for bad debts	Carrying amount	Book balance	Provision for bad debts	Carrying amount
La S, b						
.....	1,125,151.66		1,125,151.66	1,151,481.73		1,151,481.73
La S, -C, a						
D, M, S, A.						
(, SGM,)	37,503,780.11		37,503,780.11	38,381,419.27		38,381,419.27
G, a	1,875,252.76		1,875,252.76	1,919,136.21		1,919,136.21
La P, b						
L, a, a, b	14,427,758.47		14,427,758.47	14,765,387.52		14,765,387.52
I, a, W, a, Ba						
I, a, Pa, C, ,						
L, (, IWIP						
C, a,)	177,116,946.00		177,116,946.00	181,261,722.00		181,261,722.00
V, I, m, ,						
L, (,						
V, ,)	104,357,457.60		104,357,457.60	106,799,563.20		106,799,563.20

$$(C_{\alpha}^{\beta}, \mathbf{d})$$

	December 31, 2019			
Items	Book balance	Provision for bad debts	Carrying amount	Discount rate range
La S e e I m m b i l i a	1,231,124.90		1,231,124.90	N/A
SGM	41,036,101.26		41,036,101.26	N/A
G e a r	2,051,874.83		2,051,874.83	N/A
La P e e L a b a	15,786,647.52		15,786,647.52	N/A
IWIP C e a	102,271,092.00		102,271,092.00	N/A
V e a	101,177,754.03		101,177,754.03	N/A
T a	263,554,594.54		263,554,594.54	

(2) $O_{\mathfrak{m}^a}$.

1) G a m m a , L a S e r , I m b i c , C i , SGM

Prijava, Gostovanje, La S... E... J... V... a...
C... a... Ra... a... G... (H...
K...) L... C... a... R... D... C... L... S... C... a...
L... S... Ha b... C... L... a... C... a... M... a... G... C... a...
S... 2008 a... C... a... E... A... a... a...
C... a... C... a... Ra... a... (H... K...) E... L... a... S... R...
L... O... b... 23, 2013, C... a... b...
USD294,125.00 (... a... 2,051,874.83 ... a , 1,919,136.21 ... a , 1,875,252.76 ... a
a... a... a... a...) a... USD176,475.00
(... a... 1,231,124.90 ... a , 1,151,481.73 ... a , 1,125,151.66 ... a a...
a... a... a... a...) G... a... La S...
I... b... C... b... SGM, a... b...
USD5,882,300.00 (... a... 41,036,101.26 ... a , 38,381,419.27 ... a a...
37,503,780.11 ... a a... a... a... a...)
SGM. G... a... La S... I... b... C... a... b...
a... b... b... SGM, a... SGM ... a... b... a...

2) La P La aba

[illegible]

3) IWIP C an

Pharmaceutical sales in the United States are projected to reach \$1.2 trillion by 2019, up from \$1.0 trillion in 2014. The pharmaceutical industry is a major contributor to the U.S. economy, and its growth is expected to continue. The industry is also a major source of innovation in medicine, and its growth is expected to continue. The industry is also a major source of innovation in medicine, and its growth is expected to continue.

(2) Details

1) Year 2021

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
Jinsheng Investment Management (Tianjin) Co., Ltd. (Tianjin TMR Capital Management Co., Ltd.)	14,029,958.18		16,593,971.47	2,032,746.66	531,266.63
PT. Arahana Energi Mandiri Sahaja (Persero) Tbk	2,613,413.59	3,880,680.00		-123,694.21	-64,654.27
Sibersat Tbk	16,643,371.77	3,880,680.00	16,593,971.47	1,909,052.45	466,612.36
AN Tiesha Investment Management (Tianjin) Co., Ltd. (Tianjin Nantiesha Investment Management Co., Ltd.)	671,818,440.04	333,564,358.79		310,235,283.58	-25,839,592.65
Qingdao Mowei Water Engineering & Technology Co., Ltd. (Qingdao Mowei Water Engineering & Technology Co., Ltd.)					
Nanhai Haonan Energy Investment Management (Liaoning) Co., Ltd. (Nanhai Haonan Energy Investment Management (Liaoning) Co., Ltd.)	2,844,222.10			-2,844,222.10	
AVZ Management (Liaoning) Co., Ltd. (AVZ Capital Management Co., Ltd.)	67,343,994.89			-1,637,263.52	985,432.01
Zhangjiakou Pina Energy Management Co., Ltd. (Maanshan Capital Management Co., Ltd.)	116,961,987.41			8,758,432.24	
Liaoning Nantiesha Energy Management Co., Ltd. (Weifang Capital Management Co., Ltd.)	970,411,523.40			165,763,725.38	
Ruiyi Investment Management Co., Ltd. (Ruiyi Capital Management Co., Ltd.)	10,004,722.91			-4,816.23	-1,917.68
Hanaguan Energy S.A. (HANAQ Capital Management Co., Ltd.)	7,803,471.01		6,003,668.72	-1,329,518.59	3,532,162.11
Vipac Capital Management Co., Ltd.	84,039,406.46			61,355,873.23	-2,590,980.62
IWIP Capital Management Co., Ltd.	130,626,922.57			61,783,367.92	-3,093,816.23
PT. Hana Pina Energi (Tianjin Isha Hana Energi Co., Ltd.)					
Qingdao Xingfa Energy Investment Management Co., Ltd. (Pina Energy (LP) Co., Ltd.)		7,800,000.00	7,806,343.53	6,343.53	
Qingdao Arahana Energi Investment Management Co., Ltd. (Pina Energy (LP) Co., Ltd.)		599,000,000.00		-569,053.81	
POSCO-HY Chemicals Co., Ltd. (PHC Chemicals Co., Ltd.)		238,873,179.19		-2,811,829.56	-13,753,179.19
Sinopac Pina Energy Management Co., Ltd. (Sina Pina Energy Management Co., Ltd.)		4,500,000.00		52,737.31	
PT. Hana Nantiesha Capital Management Co., Ltd. (Tianjin Isha Hana Energi Co., Ltd.)		3,239,250.00		-1,435,648.96	-34,796.21
Sibersat	2,061,854,690.79	1,186,976,787.98	13,810,012.25	597,323,410.42	-40,796,688.46
Taishan	2,078,498,062.56	1,190,857,467.98	30,403,983.72	599,232,462.87	-40,330,076.10

(C 3, 1)

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 3, 1						
TMR C 3, 1						
PT. A 3, 1 H 3, 1 E 3, 1						
S 3, 1					6,305,745.11	
S b 3, 1					6,305,745.11	
A 3, 1						
N 3, 1 T 3, 1		366,098,603.80			923,679,885.96	
M 3, 1 W 3, 1						1,161,307.33
Ha 3, 1 N 3, 1 E 3, 1						
AVZ C 3, 1					66,692,163.38	
P 3, 1 a C 3, 1					125,720,419.65	
L 3, 1 C 3, 1					1,136,175,248.78	
R 3, 1 C 3, 1					9,997,989.00	
				-4,002,445.81		
HANAQ C 3, 1				[N .]		
V 3, 1					142,804,299.07	
IWIP C 3, 1					189,316,474.26	
I 3, 1 a H 3, 1						3,479,194.09
Q 3, 1 X 3, 1						
Q 3, 1 A 3, 1					598,430,946.19	
PHC C 3, 1					222,308,170.44	
S 3, 1 P 3, 1					4,552,737.31	
I 3, 1 a H 3, 1					1,768,804.83	
S b 3, 1		366,098,603.80		-4,002,445.81	3,421,447,138.87	4,640,501.42
T 3, 1		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 3, 1					
TMR C 3, 1	15,930,251.30			-1,811,810.34	-88,482.78
PT. A 3, 1 H 3, 1					
E 3, 1					
S 3, 1	2,787,530.70			34,795.26	-208,912.37
S b 3, 1	18,717,782.00			-1,777,015.08	-297,395.15
A 3, 1					
N 3, 1 T 3, 1		699,824,800.00		22,583,091.93	-50,589,451.89
M 3, 1 W 3, 1	1,161,307.33				
Ha 3, 1 N 3, 1 E 3, 1	2,884,932.20			-40,710.10	
AVZ C 3, 1	69,457,545.90			-1,919,127.28	-194,423.73
N 3, 1 C 3, 1 L 3, 1					
(N 3, 1 ZC C 3, 1)	52,698,834.14		52,698,834.14		
P 3, 1 a C 3, 1	120,455,161.97			-3,493,174.56	
L 3, 1 C 3, 1	869,707,289.90	98,816,715.14		1,887,518.36	
R 3, 1 C 3, 1	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	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	104,150,493.27			33,941,873.24	-7,465,443.94
I	1,393,774.09	2,085,420.00			
S b	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 a)

Investees	Changes in other equity	Increase/Decrease				Closing balance of provision for impairment
		Cash dividend/ Profit declared for distribution	Provision for impairment	Others	Closing balance	
J					14,029,958.18	
TMR C						
PT. A a H a E a					2,613,413.59	
S					16,643,371.77	
S b						
A					671,818,440.04	
N						
M			1,161,307.33			1,161,307.33
H a N E					2,844,222.10	
AVZ C					67,343,994.89	
NZC C						
P a C					116,961,987.41	
L					970,411,523.40	
R a C					10,004,722.91	
HANAQ C					7,803,471.01	
V					84,039,406.46	
IWIP C					130,626,922.57	
I			3,479,194.09			3,479,194.09
S b			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	14,361,644.59			1,805,274.70	-236,667.99
PT. A a H a					
E a					
S		2,816,000.00		-39,167.69	10,698.39
S b	14,361,644.59	2,816,000.00		1,766,107.01	-225,969.60

12. Other non-current financial assets

(1) Details

Items	December 31, 2021	December 31, 2020	December 31, 2019
Financial assets at fair value through profit or loss	6,573,600.00	6,573,600.00	6,573,600.00
Investment in equity instruments at fair value through profit or loss	6,573,600.00	6,573,600.00	6,573,600.00
Term deposits	6,573,600.00	6,573,600.00	6,573,600.00

(2) Other information

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
Huaqiang Electronics	6,000,000.00		6,000,000.00	
Subsidiary	12,573,600.00		6,000,000.00	6,573,600.00

Note: The subsidiary is VI(I)2, which is a subsidiary of the Company.

13. Fixed assets

(1) Details

1) Year 2021

Items	Buildings and structures	Machinery	Transport facilities	Other equipment	Total
Cost					
Original value	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 held for sale	32,969,956.78	108,212,771.20	148,365,723.07	46,479,913.52	336,028,364.57
2) Assets held for disposal					
Land	813,400,310.81	1,302,735,491.20		54,925,644.91	2,171,061,446.92
3) Intangible assets					
Software	1,024,503,467.08	2,088,771,405.90	7,577,039.47	11,279,952.03	3,132,131,864.48
Depreciation	206,143,874.65	339,206,875.85	53,381,850.25	21,482,029.99	620,214,630.74
1) Depreciation of assets held for sale	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		462,508.42		178,720.39	641,228.81
3) D e a b m b	93,887,172.67	95,313,763.09	4,978,164.84	7,975,629.60	202,154,730.20
4) T a C b a a	54,723,030.05 5,384,618,800.50	87,111,008.09 9,668,703,108.81	7,058,562.62 337,973,625.73	3,436,276.33 424,401,887.41	152,328,877.09 15,815,697,422.45
A s s O 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
I e 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 s s	192,834,053.01	706,723,085.69	30,699,893.67	63,169,895.13	993,426,927.50
2) I e a b m b	115,033,644.67	332,527,157.03	3,955,331.93	5,812,724.72	457,328,858.35
D e 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 e a	17,151,105.38	99,245,333.47	34,130,843.68	7,339,161.70	157,866,444.23
2) T a		19,251.14		55,783.60	75,034.74
3) D e a b m b	12,863,114.62	36,545,778.57	2,617,490.47	4,105,061.14	56,131,444.80
4) T a C b a a	23,879,574.71 946,205,604.11	21,294,035.16 2,445,888,522.15	1,859,383.54 96,843,962.26	393,917.82 159,237,295.09	47,426,911.23 3,648,175,383.61
P O b a a		15,457,126.71		1,288,905.93	16,746,032.64
I e a	21,908,400.62	9,097,900.83	174,687.29	122,709.59	31,303,698.33
1) A s s	21,908,400.62	9,097,900.83	174,687.29	122,709.59	31,303,698.33
D e a		4,977,410.67			4,977,410.67
1) D a / S e a		4,977,410.67			4,977,410.67
C b a a	21,908,400.62	19,577,616.87	174,687.29	1,411,615.52	43,072,320.30
C a C b a 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 b a 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 b a 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 e 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 s s	26,694,042.20	65,472,138.64	26,692,308.70	22,679,760.10	141,538,249.64
2) T a	752,023,461.50	1,909,914,050.81	8,061,779.97	103,504,163.45	2,773,503,455.73
D e 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 e a	91,564,854.16	40,061,429.61	5,166,327.47	6,108,680.36	142,901,291.60
2) T a		70,937,764.42	407,002.17	11,602,553.44	82,947,320.03
3) T a C b a a	120,233,498.57 3,719,888,940.48	160,376,773.87 6,508,190,316.36	14,097,627.12 235,412,713.44	1,157,059.97 333,198,406.94	295,864,959.53 10,796,690,377.22
A s s O b a a	627,303,386.03	1,184,152,822.28	86,334,818.87	60,090,405.04	1,957,881,432.22
I e a	161,073,992.61	467,744,840.13	24,975,595.94	47,921,196.56	701,715,625.24
1) A s s	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 e a	96,145,677.50	88,154,984.64	10,513,960.46	5,863,002.10	200,677,624.70
1) D e a /S e a	68,087,446.75	31,043,055.03	4,066,858.36	3,183,649.47	106,381,009.61
2) T a					
e					
,		4,908,818.86	42,236.62	1,900,551.59	6,851,607.07
3) T a	28,058,230.75	52,203,110.75	6,404,865.48	778,801.04	87,445,008.02
C	692,231,701.14	1,563,742,677.77	100,796,454.35	102,148,599.50	2,458,919,432.76
P					
O		6,342,325.05		51,113.08	6,393,438.13
I e a		9,114,801.66		1,237,792.85	10,352,594.51
1) A e a		9,114,801.66		1,237,792.85	10,352,594.51
D e a					
1) D e a /S e a					
C		15,457,126.71		1,288,905.93	16,746,032.64
Ca					
C					

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

2) C a l c u l a t i o n s

1) Y a 2021

Projects	Budgets	Opening balance	Increase	Transferred to fixed assets	Other decrease [Note 1]	Closing balance
	(0'000)					
C						
Cba, 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 III						
, a a						
, a a						
, a MIKAS						
C a	USD3,860.00	62,076,116.39	91,902,398.25	153,268,790.61	709,724.03	
C						
H a T						
I a, C	40,152.00	214,443,265.02	153,034,989.75	261,959,377.87		105,518,876.90

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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...C ba... N...N Ma...R... I... ..	101.87	95.00				Ra... ..
W... , a III ... a MIKAS C... ..	112.51	100.00				O... ..
C... .. H... .. T... .. I... C... ..	114.33	95.00	12,956,807.22	1,829,153.82	3.84	F... ..
H... ba... 30,000 ... (m... ..)	77.48	80.00				Ra... ..
H... ba... 50,000 ... (m... ..)	31.62	30.00	4,276,173.26	4,276,173.26	3.84	F... ..
T... .. ma... ba... 50,000	65.08	70.00				Ra... ..
T... .. ma... ma... .. ba... .. 50,000	8.12	10.00				Ra... ..
T... .. ma... ba... 40,000	109.73	100.00				O... ..
N... 60,000 (... ..)	73.53	80.00	107,042,990.15	93,725,806.29	6.28	F... ..

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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 Ministry of Economy and Finance Capitalization of the PE527 Loan for the Ministry of Economy and Finance for the period 2019-2021 30,000	97.29	100.00	2,883,939.35			Foreign capitalization
Tanzania Ministry of Finance Capitalization of the 30,000	61.18	100.00				Own capitalization
Burkina Faso Ministry of Finance Capitalization of the 2,500	82.71	100.00				Own capitalization
Cote d'Ivoire Ministry of Finance Capitalization of the N/A	95.87	90.00				Raising of capitalization
Tanzania Ministry of Finance Capitalization of the 302A	105.06	100.00	16,560,690.78	2,232,236.10	4.75	Foreign capitalization
Cote d'Ivoire Ministry of Finance Capitalization of the H/A	76.22	80.00	11,127,653.40	3,141,441.82	4.50	Foreign capitalization
Tanzania Ministry of Finance Capitalization of the 40,000	105.04	95.00				Own capitalization
Pakistan Ministry of Finance Capitalization of the 10,000	105.68	100.00	32,631.49			Foreign capitalization
Tanzania Ministry of Finance Capitalization of the 50,000						

[illegible]

2) Y a 2020

Items	Land use right	Software	Mining right	Patent right and software copyright	Pollution discharging right	Total
C ..						
O, .. 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 .. 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 .. a ..	2,933,162.25	206,564.22				3,139,726.47
2) T a .. a ..	6,674,358.37	65,108.81	33,290,990.95			40,030,458.13
C .. 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 .. a ..						
a .. a ..						
O, .. 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 .. 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 .. a ..	108,615.62	202,523.17				311,138.79
2) T a .. a ..	838,268.47	63,906.62	12,831,953.11		62,136.66	13,796,264.86
C .. 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 .. a ..						
C .. ba a ..	502,330,810.33	21,362,287.99	271,800,656.16		6,067,707.29	801,561,461.77
O, .. 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, .. 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 .. 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 .. a ..						
3) T a .. 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 .. a ..						
2) T a .. a ..	590,915.63					590,915.63
C .. 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 .. a ..						
a .. a ..						
O, .. 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 .. 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 .. a ..						
3) T a .. a ..	145,818.34	12,971.93	2,049,377.74			2,208,168.01
D .. a ..	91,592.42					91,592.42

Items	Land use right	Software	Mining right	Patent right and software copyright	Pollution discharging right	Total
1) D ₁ a ₁						
2) T a ₁ a ₁	91,592.42					91,592.42
C ₁ a ₁ b a ₁ a ₁	41,793,179.73	7,047,998.36	172,700,415.42	245,800.00	2,807,633.27	224,595,026.78
Ca ₁ a ₁ a ₁						
C ₁ a ₁ b a ₁ a ₁	412,420,899.00	17,492,585.85	341,912,062.07		7,946,902.73	779,772,449.65
O ₁ a ₁ b a ₁ a ₁	250,335,319.63	15,506,891.86	427,236,673.07		1,984,267.51	695,063,152.07

(2) La₁ a₁

Items	Carrying amount	Reasons for unsettlement
La ₁ a ₁	129,844,573.90	I ₁ a ₁
Si b ₁ a ₁	129,844,573.90	

17. Goodwill

(1) D₁ a₁

Investees or events resulting in goodwill	December 31, 2021			December 31, 2020		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
H ₁ a ₁ N ₁ E ₁	95,136,198.86		95,136,198.86	95,136,198.86		95,136,198.86
T ₁ a ₁ B&M	366,245,456.38	901,194.16	365,344,262.22			
T ₁ a ₁	461,381,655.24	901,194.16	460,480,461.08	95,136,198.86		95,136,198.86

(C₁ a₁)

Investees or events resulting in goodwill	December 31, 2019		
	Book balance	Provision for impairment	Carrying amount
H ₁ a ₁ N ₁ E ₁	95,136,198.86		95,136,198.86
T ₁ a ₁ B&M			
T ₁ a ₁	95,136,198.86		95,136,198.86

(2) C₁

1) Y a 2021

Investees or events resulting in goodwill	Opening balance	Due to business combination in current period	Decrease		Closing balance
			Disposal	Others	
H ₁ a ₁ N ₁ E ₁	95,136,198.86				95,136,198.86
T ₁ a ₁ B&M		366,245,456.38			366,245,456.38
T ₁ a ₁	95,136,198.86	366,245,456.38			461,381,655.24

(2) Y a 2020

Investees or events resulting in goodwill	Opening balance	Due to business combination in current period	Decrease		Closing balance
			Disposal	Others	
H ₁ a ₁ N ₁ E ₁	95,136,198.86				95,136,198.86
T ₁ a ₁	95,136,198.86				95,136,198.86

3) Y a 2019

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

(3) Year 2019

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

On December 31, 2019, the Company's net deferred tax assets were \$1,100,055,887.42, which is primarily due to the Company's net deferred tax assets of \$1,100,055,887.42, net of deferred tax liabilities of \$261,969,285.09.

19. Deferred tax assets and deferred tax liabilities

(1) Domestic operations

Items	December 31, 2021		December 31, 2020	
	Deductible temporary difference	Deferred tax assets	Deductible temporary difference	Deferred tax assets
Unrealized gains on investments	288,626,080.46	72,156,520.12	477,007,150.23	119,251,787.56
Deferred income	444,089,181.12	105,845,508.58	410,473,311.89	99,117,265.87
Prepaid expenses	291,806,406.80	51,279,014.30	102,488,777.28	22,231,856.75
Unrealized gains on foreign exchange	555,341,660.38	117,677,690.20	74,132,539.38	14,597,729.01
Guarantee reserves			12,523,650.79	2,305,415.89
Employee benefits	158,766,835.07	23,815,025.26		
Total	1,738,630,163.83	370,773,758.46	1,076,625,429.57	257,504,055.08

(Continued)

Items	December 31, 2019	
	Deductible temporary difference	Deferred tax assets
Unrealized gains on investments	459,126,601.09	110,018,678.89
Deferred income	238,813,222.82	56,115,900.15
Prepaid expenses	196,822,372.81	45,713,500.97
Unrealized gains on foreign exchange	175,429,008.70	42,655,034.58
Guarantee reserves	29,864,682.00	7,466,170.50
Employee benefits		
Total	1,100,055,887.42	261,969,285.09

(2) Deferred tax liabilities

Items	December 31, 2021		December 31, 2020	
	Taxable temporary difference	Deferred tax liabilities	Taxable temporary difference	Deferred tax liabilities
Temporary differences related to:				
Depreciation	497,855,156.20	69,896,630.79	4,370,535.48	1,092,633.87
Goodwill	327,054,279.90	74,244,116.70	270,523,736.56	66,541,014.23
Other	25,920,305.01	4,188,247.13		
Total	850,829,741.11	148,328,994.62	274,894,272.04	67,633,648.10

(Continued)

Items	December 31, 2019	
	Taxable temporary difference	Deferred tax liabilities
Temporary differences related to:		
Depreciation	36,417,990.70	9,104,497.67
Goodwill	119,611,576.39	29,902,894.10
Other		
Total	156,029,567.09	39,007,391.77

(3) Deferred tax assets

Items	December 31, 2021	December 31, 2020	December 31, 2019
Temporary differences related to:			
Uncollectible accounts	481,946,867.68	177,870,425.25	114,888,492.00
Prepaid expenses		52,236,525.42	19,969,457.43
Other	80,399,272.11	115,814,112.42	69,894,944.65
Deferred tax assets	161,657,916.42	96,356,649.61	70,554,370.42
Total	724,004,056.21	442,277,712.70	275,307,264.50

(4) Maturity schedule of deferred tax assets

Maturity years	December 31, 2021	December 31, 2020	December 31, 2019	Remarks
Year 2022	189,791.83	189,791.83	670,401.56	
Year 2023	13,079,347.33	13,740,435.71	19,810,635.48	
Year 2024	24,716,348.96	45,955,944.73	50,073,333.38	
Year 2025	3,629,580.16	36,470,477.34		
Year 2026	120,042,848.14			
Total	161,657,916.42	96,356,649.61	70,554,370.42	

20. Other non-current assets

Dollars

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

(2) Net change in cash and cash equivalents

22. Held-for-trading financial liabilities

Items	December 31, 2021	December 31, 2020	December 31, 2019
Held-for-trading financial liabilities	360,612.00	23,939,270.26	
Interest on held-for-trading financial liabilities	360,612.00	23,939,270.26	
Total	360,612.00	23,939,270.26	

23. Derivative financial liabilities

Derivatives

Items	December 31, 2021	December 31, 2020	December 31, 2019
Held-for-trading derivatives	104,821,710.25		
Total	104,821,710.25		

24. Notes payable

(1) Derivatives

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

(2) Other

Items	December 31, 2021	December 31, 2020	December 31, 2019
Notes payable		171,455.50	

25. Accounts payable

(1) Derivatives

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

(2) Net change in cash and cash equivalents

26. Advances received

(1) Details

Items	December 31, 2021	December 31, 2020	December 31, 2019
Particulars			47,877,473.73
Particulars	641,739,400.77		
Particulars	3,000,000.13	13,203,500.00	1,604,526.00
Total			

(2) Данная таблица является частью приложения к бухгалтерскому балансу

1) Y a 2021

Items	Opening balance	Increase	Decrease	Closing balance
Warrant, balance, and other assets	242,499,817.19	1,612,505,049.52	1,388,202,122.12	466,802,744.59
Equity		133,135,604.49	133,135,604.49	
Share capital	2,098,875.38	44,857,314.68	43,824,110.33	3,132,079.73
Reserves	1,960,397.46	39,890,422.84	39,159,285.56	2,691,534.74
Other assets	97,168.83	3,688,751.53	3,446,828.36	339,092.00
Liabilities	41,309.09	1,278,140.31	1,217,996.41	101,452.99
Other liabilities	1,106,875.00	24,822,073.56	23,903,333.56	2,025,615.00
Total	25,633.87	11,826,395.32	11,774,161.76	77,867.43
Subtotal	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
Warrant, balance, and other assets	145,702,718.97	936,812,453.51	840,015,355.29	242,499,817.19
Equity		109,981,827.50	109,981,827.50	
Share capital	1,969,871.06	26,975,520.80	26,846,516.48	2,098,875.38
Reserves	1,701,693.69	24,969,359.81	24,710,656.04	1,960,397.46
Other assets	232,867.68	1,025,957.71	1,161,656.56	97,168.83
Liabilities	35,309.69	980,203.28	974,203.88	41,309.09
Other liabilities	546,200.00	16,879,252.67	16,318,577.67	1,106,875.00
Total	53.98	7,359,684.45	7,334,104.56	25,633.87
Subtotal	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
Warrant, balance, and other assets	104,773,728.30	663,480,884.48	622,551,893.81	145,702,718.97
Equity		74,484,583.94	74,484,583.94	
Share capital	1,549,809.78	20,216,636.92	19,796,575.64	1,969,871.06
Reserves	1,259,693.89	16,831,867.86	16,389,868.06	1,701,693.69
Other assets	217,918.40	2,355,453.42	2,340,504.14	232,867.68
Liabilities	72,197.49	1,029,315.64	1,066,203.44	35,309.69
Other liabilities	470,956.00	12,151,685.27	12,076,441.27	546,200.00
Total	765,867.99	5,292,399.51	6,058,213.52	53.98
Subtotal	107,560,362.07	775,626,190.12	734,967,708.18	148,218,844.01

(3) Данная таблица является частью приложения к бухгалтерскому балансу

1) Y a 2021

Items	Opening balance	Increase	Decrease	Closing balance
Balance sheet	1,154,722.82	55,904,422.71	51,498,039.80	5,561,105.73
Unrealized gains	41,317.30	1,962,506.26	1,811,649.01	192,174.55
Subtotal	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
Si b	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
Si b	1,931,927.97	28,213,420.35	27,688,463.56	2,456,884.76

29. *Taxes and rates payable*

Items	December 31, 2021	December 31, 2020	December 31, 2019
VAT	330,301,986.69	155,628,207.52	91,443,421.90
E	578,084,644.05	257,247,468.89	21,919,287.56
I	4,469,569.69	2,255,420.34	1,807,666.10
U ba	14,163,787.73	2,745,199.20	295,514.63
H	4,400,149.92	11,168,388.90	3,762,022.86
La	762,699.64	4,577,087.93	3,591,378.35
E	6,070,194.76	1,175,917.87	126,649.13
L	4,046,796.51	790,900.11	84,432.75
M	101,683,794.16	58,486,672.20	57,050,471.28
O	9,018,810.45	3,976,414.03	552,145.93
T	1,053,002,433.60	498,051,676.99	180,632,990.49

30. *Other payables*

(1) D . a .

Items	December 31, 2021	December 31, 2020	December 31, 2019
I			1,740,921.44
O	1,434,593,185.87	769,409,094.84	620,793,231.40
T . a	1,434,593,185.87	769,409,094.84	622,534,152.84

(2) I , a ab

1) D . a .

Items	December 31, 2021	December 31, 2020	December 31, 2019
I			1,740,921.44
Si b			1,740,921.44

2) N , a ab

31. Non-current liabilities due within one year

(1) Debt

Items	December 31, 2021	December 31, 2020	December 31, 2019
Long-term debt	1,911,767,314.98	903,085,107.35	231,438,388.99
Capital lease	18,477,837.35	320,324,659.86	582,512,686.04
Short-term debt	679,795,502.76	224,599,857.57	289,591,919.50
Bank loans			107,368,599.95
Long-term debt	25,917,330.55		
Total	2,635,957,985.64	1,448,009,624.78	1,210,911,594.48

(2) Debt

Items	December 31, 2021	December 31, 2020	December 31, 2019
Guaranteed debt	1,160,122,228.30	694,289,142.24	138,135,000.05
Guaranteed debt	524,552,687.31	205,373,753.35	92,511,724.82
Guaranteed debt	100,000,000.00		
Mortgage debt		1,741,700.16	
Convertible debt	125,159,270.83		
Interest	1,933,128.54	1,680,511.60	791,664.12
Total	1,911,767,314.98	903,085,107.35	231,438,388.99

(3) Other

- 1) Payable to V (I) 36
- 2) Payable to V (I) 36
- 3) Payable to V (I) 34

32. Other current liabilities

Items	December 31, 2021	December 31, 2020	December 31, 2019
Other VAT	4,147,523.95	4,503,600.24	
Total	4,147,523.95	4,503,600.24	

33. Long-term borrowings

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

34. Bonds payable

(1) Current period ending December 31, 2020, the following bonds were outstanding:

Bonds	Par value	Issuing date	Maturity	Amount outstanding
G18 Hra 1	620,000,000.00	3/27/2018	3 years	615,040,000.00
18 Hra 01	100,000,000.00	1/19/2018	2 years	99,000,000.00
Subtotal	720,000,000.00			714,040,000.00

(Continued)

Bonds	Opening balance	Current period issuance	Par value interest	Premium/Discount amortization	Current period repayment	Closing balance [Note]
G18 Hra 1	616,207,055.81		11,072,350.68	3,792,944.19	620,000,000.00	
18 Hra 01	99,454,947.68		7,800,000.00	520,069.67		99,975,017.35
Subtotal	715,662,003.49		18,872,350.68	4,313,013.86	620,000,000.00	99,975,017.35

Note: The amount of 99,975,017.35 represents the amount of the 18 Hra 01 bonds, which were issued on 1/19/2018, and the amount of the 18 Hra 01 bonds, which were issued on 1/19/2020.

(2) Other information:

1) In March 2018, the Company issued the following bonds: G18 Hra 1 (620,000,000.00), 18 Hra 01 (100,000,000.00), and 18 Hra 02 (100,000,000.00). The Company issued the following bonds: G18 Hra 1 (620,000,000.00), 18 Hra 01 (100,000,000.00), and 18 Hra 02 (100,000,000.00). The Company issued the following bonds: G18 Hra 1 (620,000,000.00), 18 Hra 01 (100,000,000.00), and 18 Hra 02 (100,000,000.00).

(2) In January 2018, the Company issued the following bonds: 18 Hra 01 (100,000,000.00), 18 Hra 02 (100,000,000.00), and 18 Hra 03 (100,000,000.00). The Company issued the following bonds: 18 Hra 01 (100,000,000.00), 18 Hra 02 (100,000,000.00), and 18 Hra 03 (100,000,000.00). The Company issued the following bonds: 18 Hra 01 (100,000,000.00), 18 Hra 02 (100,000,000.00), and 18 Hra 03 (100,000,000.00).

35. Lease liabilities

Items	December 31, 2021
Unamortized lease liability	34,289,431.32
Lease liability	1,501,176.18
Total	32,788,255.14

36. Long-term payables

(1) Details:

Items	December 31, 2021	December 31, 2020	December 31, 2019
Financial lease payable	741,232,347.77	261,465,550.76	197,110,898.52
Long-term payable	319,993,726.26	327,482,012.20	342,480,258.36
Total	1,061,226,074.03	588,947,562.96	539,591,156.88

(2) O. m^a

(1) Fr a a a ba
C a F a a L a C L a a a ba
(a , 289,591,919.50 a b , a 2020, 224,599,857.57 a
b , a 2021, a 679,795,502.76 a b , a 2022,
a ab a).

(2) L a a 2019 a a 844,120,200.06 a
T a a P L (a , 582,512,686.04 a b , a 2020,
a a ab a); a b.
L a 80,872,744.34 a Ma , H K .

L a a 2020 a a 327,482,012.20 a m
Ka I (H K) L a b .
75,640,974.96 a Ma , H K (a , 75,640,974.96 a
b , a 2021, a a ab a
a); a 244,683,684.90 a T a a P L (a ,
244,683,684.90 a b , a 2021, a a a
ab a).

L a a 2021 a 319,993,726.26 a m Ka
I (H K) L a .

37. Provisions

Items	December 31, 2021	December 31, 2020	December 31, 2019	Reasons for balance
E a m a a	26,769,294.11	13,842,559.43	6,676,814.98	L a a a a b a MIKAS C CDM C a a SESA C a a M a C D a R b C a a a A a a
T a	26,769,294.11	13,842,559.43	6,676,814.98	

38. Deferred income

(1) D a

1) Y a 2021

Items	Opening balance	Increase	Decrease	Closing balance	Reasons for balance
G a a	410,473,311.89	127,413,977.19	19,014,176.16	518,873,112.92	G a b I m a
T 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	Decrease	Closing balance	Reasons for balance
G r a n t s	238,813,222.82	184,028,540.00	12,368,450.93	410,473,311.89	G a s b
T a	238,813,222.82	184,028,540.00	12,368,450.93	410,473,311.89	a

3) Y a 2019

Items	Opening balance	Increase	Decrease	Closing balance	Reasons for balance
G r a n t s	151,159,115.75	96,708,540.00	9,054,432.93	238,813,222.82	G a s b
T a	151,159,115.75	96,708,540.00	9,054,432.93	238,813,222.82	a

(2) D a

1) Y a 2021

Items	Opening balance	Increase [Note 1]	Grants included into profit or loss [Note 2]	Closing balance	Related to assets/income
S b	246,740,380.77		4,290,675.01	242,449,705.76	R a
F a b	19,539,746.80		1,185,676.93	18,354,069.87	R a
F a b	33,468,157.53	17,346,976.98	2,250,132.27	48,565,002.24	R a
S b	26,216,493.86		1,202,091.56	25,014,402.30	R a
O a a	11,911,509.84		623,016.96	11,288,492.88	R a
S a b	16,602,008.14		489,225.48	16,112,782.66	R a
F a b	10,000,000.00		1,000,000.08	8,999,999.92	R a
F a b	8,997,305.50	13,992,202.57	905,733.96	22,083,774.11	R a

Items	Opening balance	Increase [Note 1]	Grants included into profit or loss [Note 2]	Closing balance	Related to assets/income
Strategic reserve	7,217,380.26	20,797,814.04	1,310,582.50	26,704,611.80	Related to assets
Contingent reserve	1,680,000.00		180,000.00	1,500,000.00	Related to assets
Statutory reserve	877,746.65		66,206.04	811,540.61	Related to assets
Statutory reserve	12,000,000.00	3,000,000.00	666,666.67	14,333,333.33	Related to assets
Statutory reserve	9,816,659.63		1,000,002.06	8,816,657.57	Related to assets
Statutory reserve	3,560,000.00	4,585,000.00	271,500.00	7,873,500.00	Related to assets
Statutory reserve		18,798,809.95	985,363.10	17,813,446.85	Related to assets
Statutory reserve		3,130,120.12	159,992.65	2,970,127.47	Related to assets
Statutory reserve		30,772,314.06	1,531,308.43	29,241,005.63	Related to assets
Intangible assets		13,500,000.00		13,500,000.00	Related to assets
Other	1,800,247.69		444,940.84	1,355,306.85	Related to assets
Other	45,675.22	1,490,739.47	451,061.62	1,085,353.07	Related to income
Statutory reserve	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 [Note 2]	Closing balance	Related to assets/income
Si b a	126,815,236.69	123,316,040.00	3,390,895.92	246,740,380.77	R a a
F a b	19,940,207.64	562,600.00	963,060.84	19,539,746.80	R a a
F a b	18,996,068.57	15,561,600.00	1,089,511.04	33,468,157.53	R a a
Si b	13,500,000.00	13,500,000.00	783,506.14	26,216,493.86	R a a
O a a	12,207,500.01		295,990.17	11,911,509.84	R a a
S a b	12,351,862.84	4,687,200.00	437,054.70	16,602,008.14	R a a
F a b	10,000,000.00			10,000,000.00	R a a
F a b	9,550,267.78		552,962.28	8,997,305.50	R a a
S a b	7,662,599.46		445,219.20	7,217,380.26	R a a
C a a	1,800,000.00		120,000.00	1,680,000.00	R a a
Si b	943,952.52		66,205.87	877,746.65	R a a
Si b		12,000,000.00		12,000,000.00	R a a

Items	Opening balance	Increase	Grants included into profit or loss [Note 2]	Closing balance	Related to assets/income
Subsidy for the purchase of agricultural machinery and equipment		10,000,000.00	183,340.37	9,816,659.63	Related to assets
Subsidy for the purchase of agricultural machinery and equipment		3,560,000.00		3,560,000.00	Related to assets
Major repair of agricultural machinery and equipment	2,294,042.62	605,700.00	2,899,742.62		Related to assets
Operating subsidy for agricultural machinery and equipment	2,030,809.47	235,400.00	465,961.78	1,800,247.69	Related to assets
Operating subsidy for agricultural machinery and equipment	720,675.22		675,000.00	45,675.22	Related to assets
Subsidy for the purchase of agricultural machinery and equipment	238,813,222.82	184,028,540.00	12,368,450.93	410,473,311.89	

3) Year 2019

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

Items	Opening balance	Increase	Grants included into profit or loss [Note 2]	Closing balance	Related to assets/income
Opening balance	7,021,433.34	5,382,400.00	196,333.33	12,207,500.01	Related to assets/income
Closing balance					
Opening balance	1,800,000.00			1,800,000.00	Related to assets/income
Closing balance					
Opening balance	1,010,158.52		66,206.00	943,952.52	Related to assets/income
Closing balance					
Opening balance	1,746,600.00	1,327,700.00	780,257.38	2,294,042.62	Related to assets/income
Closing balance					
Opening balance	2,577,710.81		546,901.34	2,030,809.47	Related to assets/income
Closing balance					
Opening balance	295,675.22	1,800,000.00	1,375,000.00	720,675.22	Related to assets/income
Closing balance					
Opening balance	151,159,115.75	96,708,540.00	9,054,432.93	238,813,222.82	
Closing balance					

Note 1: I ...
Note 2: P ... V (IV) 3 ...

39. Share capital

(1) Details

1) Year 2021

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

2) Year 2020

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

3) Year 2019

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

P_i a_i a_j a_k V (I) 40 a_i a_j a_k m a_i a_j a_k

(1) D, a₁.

$$(2) \quad 0, \quad \mathbf{m}^a$$

Ca₁, a₁ (a₁, a₁) a₁, D • m^b 31, 2019 a 240,410,999.24 a
• a₁, a₁, a₁, D • m^b 31, 2018.

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

[illegible]

a. 28. 29. 2019, a 34,110,169 2020] 179, () C 34,110,169 23.60 a 15.68% 34,110,169.00 770,889,831.00 Si Pa-C a C P b A s, a LLP, a a Ca, a V a, R, m b PCCPACVR [2020] 14 a ; () C a a a RMB a a (A a) 28,479,886 a a a 28.09 a a H a, a U S C, L, a CITIC S C, L, a a T a a

(iii) Plaintiff's claim for damages is based on the fact that Defendant's breach of the contract caused Plaintiff to incur losses. Plaintiff claims that Defendant's breach of the contract caused Plaintiff to incur losses of approximately \$80,447,728.00. Plaintiff claims that Defendant's breach of the contract caused Plaintiff to incur losses of approximately \$80,447,728.00. Plaintiff claims that Defendant's breach of the contract caused Plaintiff to incur losses of approximately \$80,447,728.00.

[illegible]

(9) T C π a a s i a - s b a SESA
C π a a a m a b 8,088,340.85 a ba

1 F-130 1

b. Ba 158,766,835.07 a , a a , b
 23,815,025.26 a
 113,786,486.15 a a -ba a
 17,067,972.92 a
 44,980,348.93 a a a
 6,747,052.34 a a a

1 F-131 1

(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						
		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	Attributable to non-controlling shareholders after tax		
Income tax expense	-28,688,489.24	-16,276,517.52		-16,276,517.52			-44,965,006.76	
Income tax expense	-28,688,489.24	-16,276,517.52		-16,276,517.52			-44,965,006.76	
Income tax expense	203,914,647.81	-358,239,828.64		-304,942,800.88	-53,297,027.76		-101,028,153.07	
Income tax expense	8,023,617.00	-63,418,820.75		-63,418,820.75			-55,395,203.75	
Income tax expense	195,891,030.81	-294,821,007.89		-241,523,980.13	-53,297,027.76		-45,632,949.32	
Income tax expense	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						
		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	Attributable to non-controlling shareholders after tax		
Income tax expense		-28,688,489.24			-28,688,489.24			-28,688,489.24
Income tax expense		-28,688,489.24			-28,688,489.24			-28,688,489.24
Income tax expense	77,104,325.30	139,577,519.71	1,417,581.90		126,810,322.51	11,349,615.30		203,914,647.81
Income tax expense	2,948,159.06	5,075,457.94			5,075,457.94			8,023,617.00
Tax expense	74,156,166.24	134,502,061.77	1,417,581.90		121,734,864.57	11,349,615.30		195,891,030.81
Tax expense	77,104,325.30	110,889,030.47	1,417,581.90		98,121,833.27	11,349,615.30		175,226,158.57

43. *Special reserve*

(1) D_{a_j}

Y a 2021

Items	Opening balance	Increase	Decrease	Closing balance
W a s t e				

[illegible]

(1) D, a₁.

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

1) Y a 2021

P... a ... , P ... D ... br ... Pa ... 2020 ... b a ... a ... a ...
 a ... m ... 2020, ba ... a ... a ... 1,212,904,383 a ... a ...
 a ... a ... a ... 2.00 ... a ... (a ...) , 10 a ... , m ... a ...
 242,580,876.60 a ...

a. T C m a a' a' , a a s a m a a' a' s Ja r a
1, 2019, a a s a' a' ba a s a a, Ja r a 1, 2019
b -1,555,884.22 a P a III (XXXIII) 3 a s a
a, m a

b. $P_{t+1} = a + bP_t$, $P_0 = 2018$, $b = 1.00$, $a = 82,974,728.50$

(II) Notes to items of the consolidated income statement

1. Operating revenue/Operating cost

(1) D a

Items	Year 2021		Year 2020		Year 2019	
	Revenue	Cost	Revenue	Cost	Revenue	Cost
Ma a	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
O a	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
T a	35,316,548,999.96	28,131,068,440.83	21,186,843,965.75	18,014,062,384.77	18,852,828,463.22	16,748,261,571.90
I a : R						
a a						
[Note]	35,300,204,306.80	28,122,012,006.82	21,184,180,221.56	18,013,860,601.69		

Note: The difference with the total operating revenue refers to the lease income in revenue from other operation.

(2) B a

1) B a

Items	Year 2021		Year 2020		Year 2019	
	Revenue	Cost	Revenue	Cost	Revenue	Cost
C ba a	8,412,029,764.01	5,760,274,376.63	5,081,409,972.25	4,044,621,289.65	5,680,726,491.32	5,042,733,164.61
C a	5,378,197,687.90	2,737,758,347.72	3,013,641,659.45	1,755,518,297.59	2,632,845,658.27	1,777,876,302.10
N a	251,221,594.20	217,406,096.48	480,532,082.96	425,039,175.45	365,348,208.21	354,753,617.98
T a	5,761,110,211.29	4,886,038,213.95	2,532,355,171.03	2,104,375,532.05	1,151,304,938.30	968,162,399.81
Ca a a	4,763,925,346.54	4,213,440,382.36				
T a a	10,733,719,702.86	10,307,094,589.68	10,076,241,335.87	9,684,306,306.95	9,022,603,167.12	8,604,736,087.40
Sr b a	35,300,204,306.80	28,122,012,006.82	21,184,180,221.56	18,013,860,601.69	18,852,828,463.22	16,748,261,571.90

2) B a

Items	Year 2021		Year 2020		Year 2019	
	Revenue	Cost	Revenue	Cost	Revenue	Cost
D a	16,584,104,400.71	12,360,411,280.92	8,540,127,185.52	6,917,463,197.10	9,226,501,600.76	8,365,492,658.30
O a	18,716,099,906.09	15,761,600,725.90	12,644,053,036.04	11,096,397,404.59	9,626,326,862.46	8,382,768,913.60
Sr b a	35,300,204,306.80	28,122,012,006.82	21,184,180,221.56	18,013,860,601.69	18,852,828,463.22	16,748,261,571.90

3) B a

Items	Year 2021		Year 2020	
	Revenue	Cost	Revenue	Cost
R a a a	35,300,204,306.80	21,184,180,221.56		
Sr b a	35,300,204,306.80	21,184,180,221.56		

(3) C a a b a

Items	Year 2021		Year 2020	
	Revenue	Cost	Revenue	Cost
O a	258,378,053.53	46,451,445.72		
Sr b a	258,378,053.53	46,451,445.72		

2. Taxes and surcharges

Items	Year 2021	Year 2020	Year 2019
Uba	19,449,572.64	9,536,977.33	4,802,006.94
E	8,344,669.70	4,094,419.01	2,058,002.98
L	5,563,113.15	2,739,608.01	1,372,001.97
M	252,331,683.53	149,990,294.60	230,729,795.21
H	2,184,510.75	11,198,677.54	3,490,813.76
La	1,196,828.35	6,191,972.60	3,300,812.18
Sa	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			

7. Other income

Items	Year 2021	Year 2020	Year 2019
Gross income from the sale of goods and services [Note 1]	18,563,114.54	8,793,708.31	6,899,175.55
Gross income from the sale of goods and services, net of discounts and allowances [Note 1]	31,645,987.32	53,695,454.88	79,097,654.97
Revenue from the sale of goods and services, net of discounts and allowances	572,918.39	485,163.11	299,167.39
Total	50,782,020.25	62,974,326.30	86,295,997.91

Note: P is a percentage, V (IV) 3 is a percentage, a is a percentage, m is a percentage, d is a percentage, b is a percentage, c is a percentage, e is a percentage, f is a percentage, g is a percentage, h is a percentage, i is a percentage, j is a percentage, k is a percentage, l is a percentage, m is a percentage, n is a percentage, o is a percentage, p is a percentage, q is a percentage, r is a percentage, s is a percentage, t is a percentage, u is a percentage, v is a percentage, w is a percentage, x is a percentage, y is a percentage, z is a percentage.

8. Investment income

D is a percentage.

Items	Year 2021	Year 2020	Year 2019
Income from the sale of goods and services, net of discounts and allowances	599,789,831.39	58,862,496.59	-9,014,236.77
Income from the sale of goods and services, net of discounts and allowances, net of discounts and allowances	100,646,800.54	19,614,188.31	5,090,389.40
Loss from the sale of goods and services, net of discounts and allowances	-49,415,734.06	-22,268,178.76	-46,477,984.36
Loss from the sale of goods and services, net of discounts and allowances, net of discounts and allowances	-2,570,177.84	-3,683,035.79	-11,603,265.73
Income from the sale of goods and services, net of discounts and allowances, net of discounts and allowances, net of discounts and allowances	-12,951,009.39	20,309,020.43	8,229,572.05
Income from the sale of goods and services, net of discounts and allowances, net of discounts and allowances, net of discounts and allowances, net of discounts and allowances	9,742,561.82		7,363,237.34
Income from the sale of goods and services, net of discounts and allowances, net of discounts and allowances, net of discounts and allowances, net of discounts and allowances, net of discounts and allowances	-9,277,757.88		
Total	635,964,514.58	72,834,490.78	-46,412,288.07

Note 1: A is a percentage, B is a percentage, C is a percentage, D is a percentage, E is a percentage, F is a percentage, G is a percentage, H is a percentage, I is a percentage, J is a percentage, K is a percentage, L is a percentage, M is a percentage, N is a percentage, O is a percentage, P is a percentage, Q is a percentage, R is a percentage, S is a percentage, T is a percentage, U is a percentage, V is a percentage, W is a percentage, X is a percentage, Y is a percentage, Z is a percentage.

Note 2: L is a percentage, M is a percentage, N is a percentage, O is a percentage, P is a percentage, Q is a percentage, R is a percentage, S is a percentage, T is a percentage, U is a percentage, V is a percentage, W is a percentage, X is a percentage, Y is a percentage, Z is a percentage.

10. Credit impairment loss

Items	Year 2021	Year 2020	Year 2019
Balance	-83,189,523.03	-59,163,312.39	-37,637,572.84
Total	-83,189,523.03	-59,163,312.39	-37,637,572.84

11. Assets impairment loss

Items	Year 2021	Year 2020	Year 2019
Impairment loss on financial assets	-15,648,918.02	-31,353,522.16	-328,850,640.46
Impairment loss on non-current assets	-31,303,698.33	-10,352,594.51	
Impairment loss on current assets		-4,640,501.42	
Impairment loss on other assets	-901,194.16		
Total	-47,853,810.51	-46,346,618.09	-328,850,640.46

12. Gains on asset disposal

Items	Year 2021	Year 2020	Year 2019
Gain on disposal of financial assets	-5,822,487.58	220,407.91	
Gain on disposal of non-current assets	2,700,000.00	76,333.16	
Total	-3,122,487.58	296,741.07	

13. Non-operating revenue

Items	Year 2021	Year 2020	Year 2019
Gain on disposal of non-current assets	116,963.42	55,353.24	
Income from disposal of non-current assets	116,963.42	55,353.24	
Income from disposal of current assets	2,106,593.67	1,952,349.60	8,724,390.05
Other	336,696.23	574,554.15	987,103.28
Total	2,560,253.32	2,582,256.99	9,711,493.33

14. Non-operating expenditures

Items	Year 2021	Year 2020	Year 2019
Loss on disposal of non-current assets	62,969,804.49	26,717,505.85	5,016,805.69
Income from disposal of non-current assets	62,969,804.49	26,713,464.80	5,016,805.69
Loss on disposal of current assets		4,041.05	
Disposal of non-current assets	7,501,230.16	7,142,762.21	2,525,286.09
Other	5,109,508.19	5,199,913.01	3,886,315.23
Total	75,580,542.84	39,060,181.07	11,428,407.01

15. Income tax expenses

(1) Disposal

Items	Year 2021	Year 2020	Year 2019
Current	896,003,065.80	316,927,177.22	85,390,233.99
Deferred	-91,364,135.03	36,141,887.39	-34,248,441.36
Total	804,638,930.77	353,069,064.61	51,141,792.63

(2) *Reclassification adjustments, net of income tax*

Items	Year 2021	Year 2020	Year 2019
Prepaid expenses and other receivables	4,828,278,862.95	1,478,722,242.53	159,265,708.13
Income tax receivable	724,241,829.44	221,808,336.38	23,889,856.22
Equity	275,940,983.30	140,047,160.22	12,576,956.66
Equity		721,260.70	2,733,634.86
Equity	-58,598,719.53	-22,829,831.60	107,800.81
Equity	-124,116,928.93	-3,448,087.99	-11,075,069.35
Equity			
Equity	-12,828,233.51	16,770,226.90	22,908,613.43
Income tax receivable	804,638,930.77	353,069,064.61	51,141,792.63

16. *Other comprehensive income, net of income tax*

Part of the net income tax expense (I) 42 is attributable to the equity holders of the company.

(III) *Notes to items of the consolidated cash flow statement*

1. *Other cash receipts related to operating activities*

Items	Year 2021	Year 2020	Year 2019
Cash and cash equivalents	408,445,790.96	541,354,415.19	400,986,023.02
Government grants	82,451,902.68	235,434,415.37	173,650,937.59
Income tax receivable	74,079,354.47	23,232,304.04	19,536,813.86
Other	3,016,208.29	10,536,161.04	7,770,302.62
Total	567,993,256.40	810,557,295.64	601,944,077.09

2. *Other cash payments related to operating activities*

Items	Year 2021	Year 2020	Year 2019
Cash and cash equivalents	1,596,883,996.13	414,503,109.03	540,130,863.36
Equity	596,247,488.76	318,765,410.68	414,963,244.06
Income tax receivable	40,587,146.72		
Other	45,464,494.46	13,096,989.75	17,971,328.87
Total	2,279,183,126.07	746,365,509.46	973,065,436.29

5. *Other cash receipts related to financing activities*

Items	Year 2021	Year 2020	Year 2019
R	59,848,145.99	106,373,750.00	38,634,541.51
Fr		176,778,674.26	283,112,964.42
Ca	149,611,023.32	19,524,777.78	373,224,578.99
Fr	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

6. *Other cash payments related to financing activities*

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
Fr			
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

7. *Supplementary information to the cash flow statement*

(1) Supplementary information to the cash flow statement

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

(2) Net sales, a management expense, and other income attributable to the consolidated subsidiaries

Items	Year 2021	Year 2020	Year 2019
Capital sales of consolidated subsidiaries			
Income from Taka B&M	1,351,200,000.00		772,741,373.73
Income from Taka B&M	1,351,200,000.00		
Income from Taka B&M			772,741,367.00
Income from Taka B&M			6.73
Capital sales of consolidated subsidiaries			
Income from Taka B&M	670,992,575.72		17,532,126.33
Income from Taka B&M	670,992,575.72		
Income from Taka B&M			17,283,103.33
Income from Taka B&M			249,023.00
Net sales, a management expense, and other income attributable to the consolidated subsidiaries	680,207,424.28		755,209,247.40

(3) Net sales, a management expense, and other income attributable to the consolidated subsidiaries

Items	Year 2021	Year 2020	Year 2019
Capital sales of consolidated subsidiaries			
Income from TMC C	227,559,999.94		6.89
Income from TMC C	153,760,408.68		
Income from TMC C	73,799,591.26		
Income from TMC C			
Income from TMC C			6.89
Capital sales of consolidated subsidiaries			
Income from TMC C	7,661,643.02		27,148,216.70
Income from TMC C	7,204,074.40		
Income from TMC C	457,568.62		
Income from TMC C			27,148,216.70
Net sales, a management expense, and other income attributable to the consolidated subsidiaries	219,898,356.92		-27,148,209.81

Note: Income from TMC C is 1,539,912.74 and income from TMC C is 75,339,504.00.

(4) Capital sales of consolidated subsidiaries

Items	Year 2021	Year 2020	Year 2019
1) Capital sales of consolidated subsidiaries	6,108,393,395.75	1,489,479,506.70	1,984,580,600.83
Income from Capital sales of consolidated subsidiaries	30,717,041.97	6,419,244.46	10,989,287.18
Income from Capital sales of consolidated subsidiaries	6,028,851,637.85	1,422,345,842.00	1,908,537,857.72
Income from Capital sales of consolidated subsidiaries	48,824,715.93	60,714,420.24	65,053,455.93
2) Capital sales of consolidated subsidiaries			
Income from Capital sales of consolidated subsidiaries			
3) Capital sales of consolidated subsidiaries	6,108,393,395.75	1,489,479,506.70	1,984,580,600.83
Income from Capital sales of consolidated subsidiaries			

Items	Year 2021	Year 2020	Year 2019
A	1,320,042,637.44	484,327,490.75	838,996,457.49
I	1,320,042,637.44	484,327,490.75	838,996,457.49

3) Ba a s a a D s m b 31, 2021 sa a al sa a a
s a al sa a a m a al ba ba a s
s a al ba a s 6,108,393,395.75 a a al 9,769,484,655.14 a
s a al 3,661,091,259.39 a .I. a al a al sa
3,661,091,259.39 a m sa a al sa a a a al sa
a m s a m s al ol a sa a al sa a a

Items	Carrying amount	Reasons for restrictions
Ca a ¹ ba ba a s	3,661,091,259.39	I. a a ¹ ba ba a s . ba a s s , a s 2,703,403,483.57 a , 251,997,597.57 a , 6,122-36-343.176,122-393176,77.2 ()-363.3.1()-363.1()-363..

Items	Carrying amount	Reasons for restrictions
Interest receivable	364,660,857.10	Partially restricted by the bank's credit limit and the bank's internal control system.
Long-term receivables	1,768,804.83	Partially restricted by the bank's credit limit and the bank's internal control system. (II) 3
Financial assets	4,105,444,007.99	Mostly restricted by the bank's credit limit and the bank's internal control system.
Current receivables	428,453,373.36	Mostly restricted by the bank's credit limit and the bank's internal control system.
Interest payable	253,140,794.88	Mostly restricted by the bank's credit limit and the bank's internal control system.
Total	9,507,569,957.43	

(2) Other items

As of 2021, the company's carrying amount of 36.86% of the total assets is restricted by the bank's credit limit and the bank's internal control system. The company's carrying amount of 80.68% of the total assets is restricted by the bank's credit limit and the bank's internal control system. The company's carrying amount of 100.00% of the total assets is restricted by the bank's credit limit and the bank's internal control system.

2. Monetary items in foreign currencies

(1) Data as of December 31, 2021

Items	Balance in foreign currencies	Exchange rate	RMB equivalent
Current assets			4,208,307,126.76
Interest receivable: 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
Other assets			1,728,953,250.29
Interest receivable: USD	271,137,398.84	6.3757	1,728,690,713.78
ZAR	655,685.58	0.40040	262,536.51
Other assets			30,363,231.47
Interest receivable: 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
Long-term assets			336,406,346.60
Interest receivable: USD	52,763,829.32	6.3757	336,406,346.60
Other assets			2,327,209,334.24
Interest receivable: USD	364,193,652.55	6.3757	2,321,989,470.56
EUR	723,002.85	7.2197	5,219,863.68
Other assets			3,216,437,316.55
Interest receivable: USD	460,670,847.51	6.3757	2,937,099,122.47
EUR	188,439.50	7.2197	1,360,476.66
IDR			

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

(2) RMB equivalent

Foreign operating entities	Main operating place	Functional currencies	Basis for selection of functional currencies
Huaier, HK.....	Huaier, C.A.	HKD	T
Huaier, S.A.....	S.A.	USD	T
CDM C.A.....	T.D.C.A.R.B.	USD	T
MIKAS C.A.....	T.D.C.A.R.B.	USD	T
Huaier C.A.....	R.B.I.A.	USD	T
Huaier I.C.A.....	R.B.I.A.	USD	T

3. Government grants

(1) Details

1) Year 2021

a. Government grants

Items	Opening balance of deferred income	Increase	Amortization	Closing balance of deferred income	Amortization presented under	Remarks
Subsidy for research and development.....	246,740,380.77		4,290,675.01	242,449,705.76	O	
Research and development subsidy.....	19,539,746.80		1,185,676.93	18,354,069.87	O	
Research and development subsidy.....	33,468,157.53	17,346,976.98	2,250,132.27	48,565,002.24	O	
Subsidy for research and development.....	26,216,493.86		1,202,091.56	25,014,402.30	O	
Operating subsidy.....	11,911,509.84		623,016.96	11,288,492.88	O	
Subsidy for research and development.....	16,602,008.14		489,225.48	16,112,782.66	O	
Research and development subsidy.....	10,000,000.00		1,000,000.08	8,999,999.92	O	
Research and development subsidy.....	8,997,305.50	13,992,202.57	905,733.96	22,083,774.11	O	

Items	Opening balance of deferred income	Increase	Amortization	Closing balance of deferred income	Amortization presented under	Remarks
Subsidy income from the Ministry of Education	7,217,380.26	20,797,814.04	1,310,582.50	26,704,611.80	Other income	
Capital subsidy income from the Ministry of Education	1,680,000.00		180,000.00	1,500,000.00	Other income	
Subsidy income from the Ministry of Education	877,746.65		66,206.04	811,540.61	Other income	
Subsidy income from the Ministry of Education	12,000,000.00	3,000,000.00	666,666.67	14,333,333.33	Other income	
Subsidy income from the Ministry of Education	9,816,659.63		1,000,002.06	8,816,657.57	Other income	
Subsidy income from the Ministry of Education	3,560,000.00	4,585,000.00	271,500.00	7,873,500.00	Other income	
Subsidy income from the Ministry of Education		18,798,809.95	985,363.10	17,813,446.85	Other income	
Subsidy income from the Ministry of Education		3,130,120.12	159,992.65	2,970,127.47	Other income	
Subsidy income from the Ministry of Education		30,772,314.06	1,531,308.43	29,241,005.63	Other income	
Subsidy income from the Ministry of Education		13,500,000.00		13,500,000.00	Other income	
Subsidy income from the Ministry of Education	1,800,247.69		444,940.84	1,355,306.85	Other income	
Subsidy income from the Ministry of Education	410,427,636.67	125,923,237.72	18,563,114.54	517,787,759.85		

b. Government grant income from the Ministry of Education, which is not subject to the provisions of the Government Grant Income Act, is recorded in the Government Grant Income account.

Items	Opening balance of deferred income	Increase	Amounts carried forward	Closing balance of deferred income	Amounts carried forward presented under	Remarks
Other income from the Ministry of Education	45,675.22	1,490,739.47	451,061.62	1,085,353.07	Other income	
Subsidy income from the Ministry of Education	45,675.22	1,490,739.47	451,061.62	1,085,353.07		

c. Government grant income from the Ministry of Education, which is not subject to the provisions of the Government Grant Income Act, is recorded in the Government Grant Income account.

Items	Amounts	Presented under	Remarks
Fund income from the Ministry of Education	25,073,557.42	Other income	
Subsidy income from the Ministry of Education	3,245,000.00	Other income	
Revenue from the Ministry of Education	594,842.97	Other income	
Subsidy income from the Ministry of Education	549,206.30	Other income	
Profit from the Ministry of Education	1,732,319.01	Other income	
Subsidy income from the Ministry of Education	31,194,925.70		

1. 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. b. a.		2,466,800.00	2,466,800.00			

2) Y a 2020

a. G. m. a. a.

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

Items	Opening balance of deferred income	Increase	Amortization	Closing balance of deferred income	Amortization presented under	Remarks
Subsidy income from the sale of land		10,000,000.00	183,340.37	9,816,659.63	Other income	
Subsidy income from the sale of land		3,560,000.00		3,560,000.00	Other income	
Interest income from the sale of land						
Other income from the sale of land	2,030,809.47	235,400.00	465,961.78	1,800,247.69	Other income	
Subsidy income from the sale of land						

a. G m a a a

b. $G = \langle m, a \mid a^2 = 1, m a^2 m a^2 m a^2 = 1 \rangle$

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VI. Changes in the consolidation scope

(I) Business combination not under common control

1. Business combination not under common control during the reporting period

(1) Balance sheet

Acquirees	Equity acquisition date	Equity acquisition cost	Proportion of equity acquired (%)	Equity acquisition method
1) Year 2021				
Taishan B&M	July 2021	1,351,200,000.00	38.62	Acquisition
2) Year 2019				
Huashan N	May 2019	772,741,367.00	99.01	Capital contribution
Huashan I	April 2019	6.73	100.00	Capital contribution

(Cash flow)

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) Year 2021				
Taishan B&M	July 2021	Paid	4,976,281,811.27	174,617,170.20
2) Year 2019				
Huashan N	May 2019	Transfer	331,263,322.55	14,490,337.35
Huashan I	April 2019	Transfer		2,894,441.81

(2) Other

Pursuant to the 15th meeting of the Board of Directors of Taishan B&M held on July 31, 2021, the company decided to acquire the equity of Huashan N and Huashan I. The acquisition cost of Huashan N is 772,741,367.00 yuan, and the acquisition cost of Huashan I is 6.73 yuan. The proportion of equity acquired is 99.01% for Huashan N and 100.00% for Huashan I. The acquisition method is capital contribution.

2. Combination costs and goodwill

(1) D₂a₁

Items	Year 2021	
	Tianjin B&M	
C ₂ a ₁	1,351,200,000.00	
Ca ₁	1,351,200,000.00	
O ₁ a ₁		
T ₂ a ₁	1,351,200,000.00	
L ₁ : S ₂ a ₁	1,015,195,405.89	
L ₁ : O ₁		
G ₁ /Ba ₁	336,004,594.11	

(C₂a₁)

Items	Year 2019	
	Huahai New Energy	Huachuang International
C ₂ a ₁	778,741,367.00	6.73
Ca ₁	772,741,367.00	6.73
O ₁ a ₁	6,000,000.00	
T ₂ a ₁	778,741,367.00	6.73
L ₁ : S ₂ a ₁		
a ₁	649,271,051.22	6.73
L ₁ : O ₁ [Note]	34,334,116.92	
G ₁ /Ba ₁	95,136,198.86	

Note: T₂C₂a₁ is b₁a₁ N₁E₁Q₁ 0.99% of Huahai N₁E₁Q₁ 6,000,000.00. Huahai I₁Q₁ is b₁a₁I₁Q₁ 99.01% of Huahai N₁E₁Q₁. Huahai I₁Q₁ is b₁a₁I₁Q₁ 772,741,367.00. T₂a₁ is b₁a₁T₂a₁ 778,741,367.00. L₁: S₂a₁ is b₁a₁L₁: S₂a₁ 649,271,051.22. L₁: O₁ is b₁a₁L₁: O₁ 34,334,116.92. G₁/Ba₁ is b₁a₁G₁/Ba₁ 95,136,198.86.

$$(C_{\alpha}^{\beta}, d)$$

	Year 2019			
	Huahai New Energy		Huachuang International	
Items	Acquisition-date fair value	Acquisition-date carrying amount	Acquisition-date fair value	Acquisition-date carrying amount
Assets	1,106,209,875.97	1,089,109,593.48	1,089,935.91	1,056,455.00
Liabilities	456,938,824.75	456,938,824.75	1,089,929.18	1,089,929.18
Net assets	649,271,051.22	632,170,768.73	6.73	-33,474.18
Liabilities: Net assets				
Net assets	649,271,051.22	632,170,768.73	6.73	-33,474.18

(2) $F_{a_1} \rightarrow a_1, \dots, m, a_1, m, \dots, ab, a, \dots, a, ab, \dots$

1) $\underline{T_a \quad B\&M}$

Pr. a. a. A. A. a. a. R. Z. a. H. a. C. ba. C. L. P.
 Ca. A. Pa. a. E. Ta. B&M S. a. T. C. L.
 (Z. L. a. P. Ba. Z. [2021] N. 189) b. Z. a. C. a. U. Ya. A.
 A. a. a. C. L. D. m. b. 31, 2020 a. a. a. b. m. a. a. a.
 m. b. a. a. a. C. a. a. a. a. a.
 ab. a. Ta. B&M. a. 8,630,095,474.18 a. a. a. a.
 ab. ab. a. m. 6,001,245,083.11 a. a. a. a.

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[illegible]

(3) H a a I a a

[illegible]

(II) Disposal of subsidiaries

One-time disposal involving loss of control over a subsidiary

1. Disposal

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) Year 2021						
TMC Co., Ltd.	153,760,408.68	70.00	Transfer	March 2021	Proportionate share	17,647,751.61
SESA Co., Ltd.	75,339,504.00	100.00	Transfer	October 2021	Proportionate share	80,748,498.37
2) Year 2019						
Hanjin Investment Co., Ltd.	6.89	100.00	Transfer	June 2019	Proportionate share	3,672,807.50

(Continued)

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 investment transferred to investment income
1) Year 2021						
TMC Co., Ltd.						4,471,296.04
SESA Co., Ltd.						-2,220,745.48
2) Year 2019						
Hanjin Investment Co., Ltd.						1,417,581.90

2. Other matters

(1) TMC Co., Ltd.

TMC Co., Ltd. is a subsidiary of the Company. The Company holds 70.00% of the equity of TMC Co., Ltd. On March 2021, the Company disposed of TMC Co., Ltd. by transferring 70.00% of its equity to TMC Co., Ltd. for a consideration of KRW 26,950,000,000.00 (153,760,408.68). The disposal resulted in a gain of 17,647,751.61. The disposal was accounted for as a transfer of equity.

T C a b a H a M H K 100.00% SESA
C a P a D b a E T a A a m L C L m
H a M H K S Z a I a a L m C L m
G C L a SESA C a S b 2021, H a M H K m
a 100.00% a b SESA C a S Z a
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75,339,504.00 (a) a USD25,988,868.91 (a 167,636,001.13 a)
A O s b 22, 2021, H a M H K a
a ab A H a M H K a a a
SESA C a , SESA C a a m a

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b H a M H K a H a H H K a A
2019, H a M H K a 100.00% H a N I
H a H H K a a USD1.00. A Jr 15, 2019,
H a M H K a a m N ab A H a
M H K a a H a N I , H a N
I a m a

1. *Entities brought into the consolidation scope*

Note: A = 2020, C = 2021, H = 2022, A = 2023, B = 2024, D = 2025. 45% = 45% of the total sample. J = 100% of the total sample. H = 100% of the total sample. A = 100% of the total sample. C = 100% of the total sample. B = 100% of the total sample. D = 100% of the total sample.

2. Entities excluded from the consolidation scope

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 ₁ a ₁ R	Ca . . . a ₁	April 2020		
H				
I . a ₁ a ₁ R	Ca . . . a ₁	April 2020		
R				
H a	Ca . . . a ₁	November 2020	3,701,301.12	-12,242,823.85

VII. Interest in other entities

(I) Interest in significant subsidiaries

1. Significant subsidiaries

(1) Ba a₁

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	
Huatai C	Reb	Reb	Manufacturing	57.00		Equity investment
Tai B&M	Tai C	Tai C	Manufacturing	36.86		Branch
						Investment
						Investment
						Investment
						Branch
						Investment
						Investment
						Branch
						Investment
						Investment

Note: Tai C is 100% owned by Tai B&M. Huatai C is 100% owned by Tai B&M.

(2) Other subsidiaries

Part of the VI (I) 1 is a subsidiary of Tai B&M.

2. Significant not wholly-owned subsidiaries

Subsidiaries	Holding proportion of non-controlling shareholders	Non-controlling shareholders' profit or loss		
		Year 2021	Year 2020	Year 2019
Huatai Q				
[Note]	15.68			30,549,663.23
Huatai C	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
Huatai C	43.00	-21,763,072.75	-19,388,954.46	-2,497,180.56
Tai B&M	63.14	110,249,956.79		

(C is 100%)

Subsidiaries	Dividend declared to non-controlling shareholders		
	Year 2021	Year 2020	Year 2019
Huatai Q [Note]			
Huatai C			
HUAYOU-POSCO			
Huatai C			
Tai B&M			

(C is 100%)

Subsidiaries	Closing balance of non-controlling interest		
	December 31, 2021	December 31, 2020	December 31, 2019
Huatai Q [Note]			550,457,703.28
Huatai C	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
Huatai C	700,280,194.03	722,043,266.78	143,096,181.31
Tai B&M	1,546,300,807.05		

Note: Tai C is 100% owned by Tai B&M. Huatai Q is 15.68% owned by Tai B&M. Huatai C is 49.00% owned by Tai B&M. HUAYOU-POSCO is 40.00% owned by Tai B&M. Huatai C is 43.00% owned by Tai B&M. Tai B&M is 63.14% owned by Tai B&M.

3. Main financial information of significant not wholly-owned subsidiaries

(1) Assets and liabilities

Subsidiaries	December 31, 2021					
	Current assets	Non-current assets	Total assets	Current liabilities	Non-current liabilities	Total liabilities
Huayou Qianjiang						
Huayou Cailiao	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
Huayou Cailiao	1,255,265,126.21	6,607,150,094.34	7,862,415,220.55	2,443,041,860.94	3,828,586,905.89	6,271,628,766.83
Taihua B&M	6,551,133,327.66	3,139,229,284.99	9,690,362,612.65	6,372,398,036.48	868,887,233.57	7,241,285,270.05

(Continued)

Subsidiaries	December 31, 2020					
	Current assets	Non-current assets	Total assets	Current liabilities	Non-current liabilities	Total liabilities
Huayou Qianjiang						
Huayou Cailiao	250,345,966.86	1,123,879,775.14	1,374,225,742.00	195,428,555.96	87,272,181.96	282,700,737.92
HUAYOU-POSCO	62,927,050.69	370,765,558.31	433,692,609.00	58,648,120.84	42,955,981.31	101,604,102.15
Huayou Cailiao	152,439,915.96	2,812,798,504.46	2,965,238,420.42	1,286,068,032.54		1,286,068,032.54
Taihua B&M						

(Continued)

Subsidiaries	December 31, 2019					
	Current assets	Non-current assets	Total assets	Current liabilities	Non-current liabilities	Total liabilities
Huayou Qianjiang	4,965,049,071.19	3,018,433,601.86	7,983,482,673.05	3,937,277,597.20	534,586,549.44	4,471,864,146.64
Huayou Cailiao	360,555,194.55	790,259,982.91	1,150,815,177.46	261,190,151.46	65,056,744.20	326,246,895.66
HUAYOU-POSCO	127,459,576.83	270,847,095.05	398,306,671.88	62,343,333.04		62,343,333.04
Huayou Cailiao	636,356,907.10	550,860,541.20	1,187,217,448.30	846,512,254.71		846,512,254.71
Taihua B&M						

(2) Profit and loss

Subsidiaries	Year 2021				Year 2020			
	Operating revenue	Net profit	Total comprehensive income	Cash flows from operating activities	Operating revenue	Net profit	Total comprehensive income	Cash flows from operating activities
Huayou Qianjiang								
Huayou Cailiao	989,905,933.53	-83,401,013.86	-83,401,013.86	-284,012,691.88		-1,494,902.72	-1,494,902.72	66,635,330.34
HUAYOU-POSCO	176,934,342.73	-21,355,146.58	-21,355,146.58	-23,683,436.74	12,773,439.43	-3,874,831.99	-3,874,831.99	31,686,362.92
Huayou Cailiao		-50,611,797.09	-50,611,797.09	-410,974,026.53		-45,232,666.63	-171,917,885.90	39,039,952.27
Taihua B&M	4,976,281,811.27	174,617,170.20	174,617,170.20	615,613,264.86				

(Continued)

Subsidiaries	Year 2019				
	Operating revenue	Net profit	Total comprehensive income	Cash flows from operating activities	
Huayou Qianjiang	6,193,905,865.22	194,890,111.86	194,890,111.86	-1,254,088,953.90	
Huayou Cailiao		1,532,730.43	1,532,730.43	-18,618,266.54	
HUAYOU-POSCO	6,366,549.96	443,835.16	443,835.16	-4,110,139.00	
Huayou Cailiao		-5,945,667.99	-724,141.09	-39,902,859.48	
Taihua B&M					

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

1. Changes in subsidiaries' equity

Subsidiaries	Date of change	Holding proportion before change (%)	Holding proportion after change (%)
(1) Year 2021			
Jiangsu Huayou	February 2021	45.00	35.00
Beijing Huashan	April 2021	68.00	51.00
Tianjin B&M	April 2021	68.00	51.00
Wenzhou 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			
Huayou Quzhou	January 2020	84.32	100.00
Huayou America	April 2020	58.00	57.00
Huayou America	October 2020	60.00	100.00
Jiangsu Huayou	December 2020	40.00	45.00
(3) Year 2019			
Huayou Ningbo	May 2019	100.00	40.23

2. Effect of transactions on non-controlling interest and equity attributable to parent company

Items	Year 2021					
	Jiangsu Huayou	Tianjin B&M	SESA Company	Beijing Huashan	Tongxiang Huashan	Wenzhou Huashan
Assets						
Capital	5,000,000.00					8,500,000.00
Fixed assets			6,003,668.72			
Intangible assets						
Liabilities						
Long-term debt	5,000,000.00		6,003,668.72			8,500,000.00
Other long-term debt						
Other long-term debt	5,621,489.48	14,475,007.81	-2,084,672.13	17,566.99	-313,655.60	8,497,699.40
Other long-term debt	-621,489.48	-14,475,007.81	8,088,340.85	-17,566.99	313,655.60	2,300.60
Other long-term debt	-621,489.48	-14,475,007.81	-8,088,340.85	-17,566.99	313,655.60	2,300.60

(Continued)

Items	Year 2020			
	Huayou Quzhou	Huayou America	Huayue Company	Jiangsu Huayou
Assets				
Capital		4,516,723.64		
Fixed assets	805,000,000.00			
Intangible assets				
Liabilities				
Long-term debt	805,000,000.00	4,516,723.64		
Other long-term debt				
Other long-term debt	551,801,103.71	4,839,533.00	-63,268.42	290,736.62
Other long-term debt	253,198,896.29	-322,809.36	63,268.42	-290,736.62
Other long-term debt	-253,198,896.29	322,809.36	63,268.42	290,736.62

Items	Year 2019
	Huayou New Energy [Note]
Assets	1,040,000,000.00
Capital	1,040,000,000.00
Fund	
Trust	1,040,000,000.00
Liabilities	1,031,486,813.24
Bank	8,513,186.76
Interest	8,513,186.76

(III) Interest in joint ventures or associates

(1) Ba, s, m 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	
Prima Capital NV a.s.	Tel Aviv, Israel Zurich, Switzerland	Tel Aviv, Israel Zurich, Switzerland	Non-financial holding company	40.00		Equity method
AVZ Capital NV a.s. [Note 1]	Tel Aviv, Israel Ramat Gan, Israel Cyprus	M. Haifa, Israel Austria	Management company	6.29		Equity method
NZC Capital NV a.s. [Note 2]	Tel Aviv, Israel Ramat Gan, Israel Cyprus	Denmark Austria	Management company	14.65		Equity method
Leviathan Capital NV a.s.	West Bank, Israel Paris, France	West Bank, Israel Paris, France	Non-financial holding company	49.00		Equity method
Vital Capital NV a.s.	Herzliya, Israel	Herzliya, Israel	Software development	24.00		Equity method
IWIP Capital NV a.s.	Haifa, Israel Netherlands Israel	Haifa, Israel	Information technology	24.00		Equity method
Netherlands Technology Fund	Herzliya, Israel	Herzliya, Israel	Information technology	30.00		Equity method
Israel High Tech Fund	Haifa, Israel Netherlands Israel	Haifa, Israel	Management company	20.00		Equity method
Quantum Africa	Qatar, Qatar Zurich, Switzerland	Qatar, Qatar Zurich, Switzerland	Capital management	49.92		Equity method
Saudi Petroleum Investment Company	Saudi Arabia Greece Paris, France	Saudi Arabia Greece Paris, France	Investment company	15.00		Equity method

(C, 2020)

December 31, 2020/Year 2020						
Items	Puhua Company	AVZ Company	Leyou Company	Veinstone	IWIP Company	Newstride Technology [Note]
Current assets	211,186,394.64	73,229,321.87	742,451,264.74	221,003,338.43	410,679,031.99	951,873,169.87
Non-current assets	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
Total assets	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
Current liabilities	147,921,772.87	2,524,056.69	577,683,298.89	868,922,073.42	539,306,038.64	395,684,466.82
Non-current liabilities	9,844,444.44	29,336,270.48	4,023,255.38		451,066,337.00	945,763,456.05
Total liabilities	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
Net assets		58,640,817.88		32,172,046.07		1,110,378,753.74
Equity attributable to shareholders						
Share capital	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
Reserves	-6,642,552.05	-25,418,904.39	3,852,078.28	31,384,335.65	113,139,577.47	112,915,459.63
Total equity	-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, 2019)

December 31, 2019/Year 2019						
Items	Puhua Company	AVZ Company	NZC Company	Leyou Company	Veinstone	IWIP Company
Current assets	68,411,419.89	43,136,897.56	11,891,584.86	942,966,209.62	91,211,689.50	106,118,415.46
Non-current assets	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
Total assets	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
Current liabilities	10,337,433.36	11,657,248.13	30,590,376.66	326,397,009.29	43,228,890.09	165,757,358.99
Non-current liabilities		24,435,731.66	12,074,760.65		666,256,930.23	337,159,746.00
Total liabilities	10,337,433.36	36,092,979.79	42,665,137.31	326,397,009.29	709,485,820.32	502,917,104.99
Net assets		56,051,881.66	13,087,954.38		33,407,147.60	
Equity attributable to shareholders						
Share capital	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
Reserves	-5,432,533.20	-24,896,114.98	-21,703,907.28	3,611,086.37	-204,921.25	9,681,088.46
Total equity	-5,432,533.20	-25,826,352.90	-22,103,417.89	3,611,086.37	18,262.90	13,911,230.90

Note: A, C, and N are the names of the companies. The data is presented in millions of dollars. The data is presented in millions of dollars. The data is presented in millions of dollars.

3. Aggregated financial information of insignificant joint ventures and associates

Items	Year 2021	Year 2020	Year 2019
Joint ventures			
Current assets	6,305,745.11	16,643,371.77	18,717,782.00
Non-current assets	1,909,052.45	-1,777,015.09	1,766,107.01
Current liabilities	466,612.36	-297,395.15	-225,969.60
Non-current liabilities	2,375,664.81	-2,074,410.24	1,540,137.41
Equity attributable to shareholders	9,997,989.00	20,652,416.02	23,689,731.79
Share capital			
Reserves	-4,172,213.39	-249,104.77	26,663,410.42
Equity attributable to shareholders	3,530,244.43	-233,129.59	4,098,603.12
Reserves	-641,968.96	-482,234.36	30,762,013.54

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[illegible]

C

a b a a m sa a a

(1) $E_{\alpha_1, \alpha_2, \dots, \alpha_n} = \{ \alpha_1, \alpha_2, \dots, \alpha_n \}$

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The CIP algorithm is a recursive algorithm that takes a list of points in the plane as input and returns a set of points that form a convex hull. The algorithm works by first finding the point with the lowest y-coordinate (the bottom-most point). If there are multiple points with the same lowest y-coordinate, it chooses the one with the lowest x-coordinate. This point is then removed from the list. The algorithm then iteratively processes the remaining points, always choosing the point that is furthest to the right (or furthest to the left if the current point is the leftmost point). This process continues until all points have been processed. The resulting set of points is the convex hull.

- [illegible]

(2) D₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

A₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

1) $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

2) $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

3) $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

4) $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

2. Measurement of expected credit losses

T₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

3. Please refer to section V (I) 3, 4 and 6 of notes to the financial statements for details on the reconciliation table of opening balance and closing balance of provision for losses of financial instrument.

4. Exposure to credit risk and concentration of credit risk

T₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

(1) Ca₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

T₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

(2) R₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

T₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

A₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

T₁ = $\frac{a_1}{1+r_1} + \frac{a_2}{1+r_2} + \frac{a_3}{1+r_3} + \dots$

(II) Liquidity risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they come due. The Company's liquidity risk is primarily related to its operating activities. The Company's management monitors the Company's liquidity risk on a regular basis and ensures that the Company has sufficient cash and cash equivalents to meet its financial obligations. The Company's management also monitors the Company's liquidity risk in relation to its capital structure and ensures that the Company has sufficient cash and cash equivalents to meet its financial obligations.

The Company's management monitors the Company's liquidity risk on a regular basis and ensures that the Company has sufficient cash and cash equivalents to meet its financial obligations. The Company's management also monitors the Company's liquidity risk in relation to its capital structure and ensures that the Company has sufficient cash and cash equivalents to meet its financial obligations. The Company's management also monitors the Company's liquidity risk in relation to its capital structure and ensures that the Company has sufficient cash and cash equivalents to meet its financial obligations.

For a detailed description of the Company's liquidity risk, see the Company's annual report.

December 31, 2021

Items	Carrying amount	Contract amount not yet discounted	Within 1 year	1-3 years	Over 3 years
Ba b	16,733,807,805.10	17,821,904,609.25	10,423,301,820.84	3,194,046,807.07	4,204,555,981.34
H					
D	360,612.00	360,612.00	360,612.00		
N	104,821,710.25	104,821,710.25	104,821,710.25		
A	4,810,797,623.12	4,810,797,623.12	4,810,797,623.12		
N	6,233,172,410.76	6,233,172,410.76	6,233,172,410.76		
O	724,190,670.66	793,561,947.97	793,561,947.97		
L	1,434,593,185.87	1,467,133,622.51	1,467,133,622.51		
L	32,788,255.14	34,289,431.32		32,418,807.58	1,870,623.74
L	1,061,226,074.03	1,108,713,679.68	22,217,543.26	1,086,496,136.42	
S	31,135,758,346.93	32,374,755,646.86	23,855,367,290.71	4,312,961,751.07	4,206,426,605.08

(C)

December 31, 2020

Items	Carrying amount	Contract amount not yet discounted	Within 1 year	1-3 years	Over 3 years
Ba b	8,187,526,708.07	8,405,638,949.21	6,916,489,967.66	1,406,622,844.94	82,526,136.61
H					
D					
N	1,075,293,852.29	1,075,293,852.29	1,075,293,852.29		
A	1,789,437,189.88	1,789,437,189.88	1,789,437,189.88		
N	544,924,517.43	572,271,864.86	572,271,864.86		
O	769,409,094.84	773,585,066.95	773,585,066.95		
L					
L	588,947,562.96	644,266,329.94	21,690,035.06	622,576,294.88	
S	12,955,538,925.47	13,260,493,253.13	11,148,767,976.70	2,029,199,139.82	82,526,136.61

(C₁ = 1)

December 31, 2019

Items	Carrying amount	Contract amount not yet discounted	Within 1 year	1-3 years	Over 3 years
Ba ₁ b ₁	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 ₁					
D ₁					
N ₁	1,711,684,225.38	1,711,684,225.38	1,711,684,225.38		
A ₁	1,457,846,829.84	1,457,846,829.84	1,457,846,829.84		
N ₁					
O ₁	979,473,205.49	1,005,366,088.38	1,005,366,088.38		
L ₁	620,793,231.40	621,280,141.40	621,280,141.40		
L ₁					
L ₁	539,591,156.88	593,997,653.46	41,878,942.52	471,245,966.60	80,872,744.34
S ₁ b ₁	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

Ma₁ C₁ Ma₁

1. Interest risk

I₁ T₁ C₁

A₁ D₁ 31, 2021, ba₁ a₁
a₁ 9,219,358,463.54 (D₁ 31, 2020: 2,631,416,737.86 ;
D₁ 31, 2019: 4,327,497,447.29). I₁ a₁ b₁ 50 ba₁
. a₁ a₁ a₁ C₁
. a₁ / a₁ 46.10 (D₁ 31, 2020: a/a₁
. 13.16 ; D₁ 31, 2019: a/a₁
21.64) a/a₁ 46.10 (2020: a/a₁
. 13.16 ; 2019: a/a₁ 21.64
.)

2. Foreign currency risk

F₁ T₁ C₁ W₁
. C₁

P₁ a₁ V (IV) 2

IX. Fair value disclosure

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

1. December 31, 2021

Items	Fair value			Total
	Level 1 fair value measurement	Level 2 fair value measurement	Level 3 fair value measurement	
R				
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

2. December 31, 2020

Items	Fair value			Total
	Level 1 fair value measurement	Level 2 fair value measurement	Level 3 fair value measurement	
R				
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

3. December 31, 2019

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
I	162,139,915.55			
D	104,821,710.25			
H		15,684,302.17		

(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
Held for sale, available for sale financial assets	22,678,702.23			$T = \frac{a_1}{a_1 + a_2} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$
Held for sale, available for sale financial assets	360,612.00	8,254,968.09		$T = \frac{a_1}{a_1 + a_2} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$
RMB-denominated financial assets	1,319,017,850.74	762,316,046.62	460,537,826.62	$T = \frac{a_1}{a_1 + a_2} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$
Equity investments	6,573,600.00	6,573,600.00	6,573,600.00	$T = \frac{a_1}{a_1 + a_2} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$
Subordinated debt	300,239,589.04		20,035,361.11	$T = \frac{a_1}{a_1 + a_2} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$ $= \frac{1}{1 + \frac{a_2}{a_1}} \times a_1$

3. Joint ventures and associates of the Company

Pursuant to Article VII of the Company's Articles of Association, the Company may enter into joint ventures or associates with other companies. Details of the Company's joint ventures and associates are as follows:

Joint ventures or associates	Relationships with the Company
Ming Wei	Associate
Huaqiang Industrial	Associate
Huaqiang New Energy	The Company holds a 50% share in Huaqiang Industrial and Industrial Investment, a 50% share in Huaqiang New Energy, and a 50% share in Huaqiang New Energy. The Company's share in Huaqiang New Energy was 50% as of December 31, 2019.
HANAQ Company	The Company holds a 50% share in HANAQ Company. On October 6, 2021, the Company's share in HANAQ Company was 50%.
Ping'an Company	Associate
Sun Ping	Associate
Lian Company	Associate
TMR Company	The Company holds a 50% share in TMR Company. On October 6, 2021, the Company's share in TMR Company was 50%.
Zhongguo Tianma Lian Ma	The Company holds a 50% share in Zhongguo Tianma Lian Ma.
PHC Company	Associate
Industrial Huaqiang	Associate
New Tian	Associate
IWIP Company	Associate
V	Associate
PT. Wabau Ba E	The Company holds a 50% share in PT. Wabau Ba E.
(WBE Company)	
Industrial Huaqiang	Associate

4. Other related parties of the Company

Related parties	Relationships with the Company
Huaqiang Industrial	The Company holds a 50% share in Huaqiang Industrial. On October 6, 2021, the Company's share in Huaqiang Industrial was 50%.
Gaoming Company	The Company holds a 50% share in Gaoming Company. On October 6, 2021, the Company's share in Gaoming Company was 50%.
Xin Wei	The Company holds a 50% share in Xin Wei. On October 6, 2021, the Company's share in Xin Wei was 50%.
Qing Jia	The Company holds a 50% share in Qing Jia. On October 6, 2021, the Company's share in Qing Jia was 50%.
Huaqiang Industrial	The Company holds a 50% share in Huaqiang Industrial. On October 6, 2021, the Company's share in Huaqiang Industrial was 50%.

Related parties	Relationships with the Company
T 1 1 H a s a i N Ma a C ., L.	U 1 1 H a i H 1 1
(T 1 1 H a s a i) . . .	
H a i H 1 1 H i K i . . .	U 1 1 H a i H 1 1
G a i H a i C ., L.	U 1 1 H a i H 1 1
O a Ma a m C ., L. (G a i H a i C ., L.)	
Z a B 1 E Ma a C ., L.	A 1 a H a i H 1 1
(B m C a) . . .	
I M a S a T 1 N E i C ., L. (I M a S a)	U 1 1 H a i H 1 1
TMA C a	U 1 1 C X i a.
S a H , R a i N E i Ma a C ., L.	A 1 a H a i H 1 1 I M a H , R a i a b a S a H , R a i T a a b a a a , . . .
(S a H , R a i) . . .	
I M a H , R a i N E i Ma a C ., L.	
(I M a H , R a i)	
H a i H i a	A 1 a H a i H 1 1
T a B&M	T 1 m b a H a i H i a a b i a a a C a a A i 2021. C i B&M a b a T a B&M. T a a a a a a a a b i a a a a
C i B&M	
C i a X i	L 1 15.68% C a b a H a i Q i T C a a RMB a a (A a) 34,110,169 a C i a X i a a a ab F b a 13, 2020. T a m a a C a T C a a a 51% L R a H i C a L a a a N M a P a a a b 26 B a D a A i 15, 2019, ab a a a T a a a a C a
N M a	

(II) Related party transactions

1. Purchase and sale of goods, rendering and receiving of services

(1) P a i a a

Related parties	Content of transaction	Year 2021	Year 2020	Year 2019
TMR C a	G i			633,543.92
IWIP C a	S a	33,786,115.14	119,587.55	235,679.72
M i W i	S a		1,022,400.00	1,693,274.32
T 1 H a s a i	S a		99,357.22	282,870.10

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

(2) Sa

Related parties	Content of transaction	Year 2021	Year 2020	Year 2019
TMR C	G	1,280,810.94	10,879,627.73	28,135,310.32
Pra C	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 C	G S	97,391,874.00 371,555.90	531,864.00 301,602.18	432,544.53
B C	S	1,764.00		
Ta L C	S	219,663.98		
Hanaq N E	G S			26,621,383.06 17,269,442.55
Hanaq H	G S	26,048.36 166,055.36	19,204.75 1,512,372.74	2,510,404.80 55,800.00
Ta Hanaq	G			
PHC C	S	500,603.57		
Ta B&M	G	488,530,518.73	650,447,114.64	593,313,224.19
	P	394,435.21	4,086,187.46	
C B&M	G P	567,405,882.31 331,224.87	167,424,383.88 2,345,614.00	189,059,359.71
N Ma	S			2,415.10
I M	G	56,584,070.81	7,283,185.82	
Gra Hanaq	S	154,755.50	24,761.15	
C				
I Hanaq	G S	59,848,405.47 1,277,120.00		
Ta Hanaq	G	1,911.51		
Ta		1,619,918,121.29	1,043,177,051.02	878,867,009.27

Note: Sa

2. Related party leases

Lessees	Types of assets leased	Lease income recognized in 2021	Lease income recognized in 2020	Lease income recognized in 2019
Harta Harta	Br	45,871.56	45,871.56	22,935.78
TMR C	Br	131,389.45	340,491.67	547,895.05
Pra C	Br	66,396.63		
Ta		177,261.01	386,363.23	637,227.46

3. *Related party guarantees*

(1) $T = C_{\mathbb{R}}[a, a^{\dagger}, b, b^{\dagger}]$ a \mathbb{Z}_2 -graded algebra with a, b odd and a^{\dagger}, b^{\dagger} even.

Guaranteed parties	Guarantors	Lenders	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
Industrial and Commercial Bank of China Limited	Industrial and Commercial Bank of China Limited	Industrial and Commercial Bank of China Limited	Capital	329,078,298.79	8/10/2021-	8/9/2028-	N
	Industrial and Commercial Bank of China Limited	Industrial and Commercial Bank of China Limited	Capital	(USD51,614,457.83)	11/25/2021	11/24/2028	
Total				329,078,298.79			

(2) T C_ma a[|]_A b[|]_A a_A a a[|], a_A

Guarantors						Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
C X	X	a,	T C	W	a	I	B	944,000,000.00 (A , a) 39	5/1/2019- 12/31/2021	1/5/2022- 6/28/2024	N
H	a	,				C					
H	a	,				Ba					
						L					
						T					
						Sr b-b a					
C X	X	a,	T C	W	a	H	B	225,696,250.00 (I , J a) USD12,500,000.00)	9/17/2021- 11/24/2021	7/20/2022	N
						L					
						T					
						Sr b-b a					
C X	X	a,	T C	W	a	Ba	B	200,000,000.00 (A , a) 4	4/15/2021- 9/17/2021	3/17/2022- 3/23/2022	N
Q	J	a,				C					
						C					
						T	Ba	39,900,000.00 (A , a) 2	6/9/2021	3/23/2022	N
						Sr b-b a					
C X	X	a,	T C	W	a	C	B	468,085,739.02 (USD26,363,495.62) (A , a) 6	9/2/2021- 12/17/2021	3/2/2022- 12/10/2022	N
Q	J	a,				Ba					
						L					
						Sr b-b a					

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
C X ₁ 1 a, Q ₁ J ₁ 1 a . .	T C 1 1 1 a . .	S a 1 a P 1 1 1 D 1 1 1 1 1 B a 1 C 1 1 1 J 1 a 1 1 T 1 1 a 1 S b- b a 1 1	B 1 1 1 1	389,000,000.00 (A 1 1 a 1 5 1 a 1 a 1 1 1)	1/4/2021- 12/16/2021	1/3/2022- 12/16/2022	N
C X ₁ 1 a, Q ₁ J ₁ 1 a . .	T C 1 1 1 a . .	B a 1 C 1 a L 1 1 1 1 T 1 1 a 1 S b- b a 1 1	B 1 1 1 1 L 1 1 1 1 1 1 1 1 (USD53,379,702.19)	136,000,000.00 (A 1 1 a 1 2 1 a 1 a 1 1 1) 340,332,967.25 (A 1 1 a 1 6 1 a 1 a 1 1 1)	10/20/2021- 11/18/2021	5/17/2022- 10/19/2022	N
C X ₁ 1 a, Q ₁ J ₁ 1 a . .	T C 1 1 1 a . .	C 1 a M 1 1 1 B a 1 1 C 1 1 L 1 1 1 H a 1 1 B a 1 1	L 1 1 1 1 1 1 1 1	103,401,406.83 (USD16,218,047.72) (A 1 1 a 1 1 1 a 1 a 1 1 1)	12/20/2021	3/2/2022	N
C X ₁ 1 a . . T C 1 1 1 a . .	T C 1 1 1 a . .	C 1 a G a 1 a B a 1 C 1 1 J 1 a 1 1 B a 1 1	B 1 1 1 1	200,000,000.00 (A 1 1 a 1 1 1 a 1 a 1 1 1)	12/14/2021	12/13/2022	N
C X ₁ 1 a, Q ₁ J ₁ 1 a . .	T C 1 1 1 a . .	C 1 a C 1 1 1 B a C 1 1 1 J 1 a 1 1 T 1 1 a 1 S b- b a 1 1	G a a 1 1 1 1 1 1 1 1 1 1 1 1 1 a 1 a 1 1 1 1 1 L 1 1 1 1 1 1 1 1	165,000,000.00 (A 1 1 a 1 3 1 a 1 a 1 1 1) 59,679,490.56 (USD9,360,460.90) (A 1 1 a 1 2 1 a 1 a 1 1 1)	7/29/2021- 10/27/2021	7/28/2022 10/26/2022	N
C X ₁ 1 a, H 1 a 1 1 H 1 1 1 1	T C 1 1 1 a . .	C 1 a E b 1 1 1 B a 1 C 1 1 S a 1 1 B a 1 1	L 1 1 1 1 1 1 1 1	84,743,874.66 (USD13,291,697.33) (A 1 1 a 1 2 1 a 1 a 1 1 1)	6/11/2021- 6/23/2021	2/10/2022- 2/20/2022	N
C X ₁ 1 a, Q ₁ J ₁ 1 a . .	H a 1 1 H 1 K 1	C 1 a D 1 1 1 1 B a Z 1 a 1 B a 1 1	B 1 1 1 1	255,028,000.00 (USD40,000,000.00) (A 1 1 a 1 1 1 a 1 a 1 1 1)	11/19/2019	11/18/2022	N
C X ₁ 1 a, Q ₁ J ₁ 1 a . .	CDM C 1 1 1 a . .	C 1 a C 1 1 1 B a C 1 1 1 J 1 a 1 1 T 1 1 a 1 S b- b a 1 1	B 1 1 1 1	123,453,250.00 (USD19,363,089.54) (A 1 1 a 1 1 1 a 1 a 1 1 1)	6/19/2020	6/18/2022- 6/18/2023	N
C X ₁ 1 a, Q ₁ J ₁ 1 a, H 1 a 1 1 H 1 1 1 1	H a 1 1 Q 1 1	B a C 1 1 1 1 1 1 C 1 1 1 Q 1 1 B a 1 1	B 1 1 1 1	400,000,000.00 (A 1 1 a 1 4 1 a 1 a 1 1 1)	8/20/2021- 9/9/2021	3/15/2022- 3/17/2022	N
C X ₁ 1 a, Q ₁ J ₁ 1 a . .			G a a 1 1 1 1 1 1 1 1 1 1 1 1 1 a 1 a 1 1 1 1 1 L 1 1 1 1 1 1 1 1	39,000,000.00 (A 1 1 a 1 2 1 a 1 a 1 1 1) 116,443,832.97 (I 1 1 1 1 1 1 : USD5,234,536.28) (A 1 1 a 1 9 1 a 1 a 1 1 1)	2/23/2021- 6/25/2021	2/22/2022- 3/30/2022	N
					3/3/2021- 9/18/2021	8/31/2021- 11/25/2022	N

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
C X i a . .	H a i	T E , -I	B i i .	331,779,400.00	4/22/2021-	7/21/2022-	N
	Q i	Ba C a		(I i i : USD42,000,000.00)	8/31/2021	11/18/2022	
		Z i a i B a s		(A . a i 6 a a i .)			
			L i i . i i .	179,725,399.54	11/16/2021-	3/30/2022-	N
				(USD28,189,124.26)	12/23/2021	4/30/2022	
				(A . a i 3 a a i .)			
C X i a , H a i		S a i a P i i	B i i .	217,000,000.00 (A	5/14/2021-	1/23/2022-	N
Q i J i a . .	Q i	D i i .		a i 2	12/10/2021	12/9/2022	
		Ba C ., L i .		a a i .)			
		Q i S i b-	L i i . i i .	83,000,000.00	12/9/2021	12/2/2022	N
		b a s		(A . a i 1 a a i .)			
C X i a . . H a i		Ba B i i i	B i i .	180,000,000.00	9/8/2021-	5/21/2022-	N
	Q i	C ., L i . Q i		(A . a i 2	9/9/2021	10/8/2022	
		B a s		a a i .)			
			L i i . i i .	286,000,000.00	3/8/2021-	3/31/2022-	N
				(A . a i 3	6/25/2021	7/20/2022	
				a a i .)			
C X i a , H a i		Ba C i a	B i i .	292,211,886.63	7/27/2021-	1/18/2022-	N
Q i J i a . .	Q i	L i . Q i		(I i i : EUR	12/2/2021	11/23/2022	
		K s i S i b-		721,897.95)			
		b a s		(A . a i 5 a a i .)			
			L i i . i i .	88,609,192.65	7/23/2021-	1/19/2022-	N
				(I i i : EUR977,213.57; USD12,770,409.90)	12/16/2021	8/25/2022	
				(A . a i 5 a a i .)			
C X i a , H a i		C i a Z i a i	B i i .	50,000,000.00	5/11/2021	4/12/2022	N
Q i J i a . .	Q i	Ba C ., L i .		(A . a i 1			
		Q i B a s		a a i .)			
			L i i . i i .	52,409,334.74	12/24/2021	8/29/2022-	N
				(USD8,220,169.51)		11/30/2022	
				(A . a i 2 a a i .)			
C X i a , H a i		C i a C i s Ba	B i i .	64,000,000.00	8/25/2021	8/24/2022	N
Q i J i a . .	Q i	C ., L i . Q i		(A . a i 1			
		B a s		a a i .)			
			L i i . i i .	29,166,753.36	9/8/2021	5/14/2022	N
				(USD4,574,674.68)			
				(A . a i 1 a a i .)			
C X i a , H a i		I i i a i i	B i i .	540,000,000.00	5/8/2021-	1/14/2022-	N
H a i	Q i	C i i i a		(A . a i 42	10/18/2021	10/18/2022	
H i i		Ba C i a		a a i .)			
		L i . Q i					
		Q i a S i b-					
		b a s					

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
C X i a, H a i, H i a i	R i a, R i a i	I i a a i C i a B a C i a L i a Q i Q i a S b b a i	B i a i	120,000,000.00 (A . a i 5 . a a i .)	12/16/2018- 1/7/2019	6/25/2022- 12/25/2023	N
C X i a. . H a i	Q i	C i a G a i a B a C ., L i J a i B a i	L i a i . i a i	83,865,850.09 (USD13,153,983.10) (A . a i 3 . a a i .)	7/27/2021- 12/29/2021	3/13/2022- 5/30/2022	N
C X i a, N E i Q i J i a. . Q i		S a i a P i D i a B a C ., L i Q i S b b a i	B i a i	120,000,000.00 (A . a i 2 . a a i .)	1/15/2021- 12/17/2021	1/14/2022- 12/16/2022	N
C X i a, N E i Q i J i a. . Q i		C i a Z i a i B a C ., L i Q i B a i N E i Q i	B i a i L i a i . i a i	145,000,000.00 (A . a i 2 . a a i .) 55,735,233.90 (USD8,741,821.90) (A . a i 2 . a a i .)	4/28/2021- 5/11/2021	4/12/2022- 4/18/2022	N
C X i a, N E i Q i J i a. . Q i		C i a C i a B a C ., L i Q i B a i	L i a i . i a i	77,057,068.01 (USD12,086,056.12) (A . a i 3 . a a i .)	7/30/2021- 12/7/2021	4/13/2022- 9/6/2022	N
C X i a. . N E i Q i		H a a B a C ., L i Q i B a i	B i a i	89,000,000.00 (A . a i 2 . a a i .)	6/24/2021- 6/29/2021	6/24/2022- 6/29/2022	N
C X i a. . N E i Q i		B a B i a i C ., L i Q i B a i	L i a i . i a i	97,999,227.02 (USD15,370,740.00) (A . a i 1 . a a i .)	8/19/2021	6/19/2022	N
			B i a i	63,000,000.00 (A . a i 2 . a a i .)	7/29/2021	5/21/2022- 8/28/2022	N
			B a a i ., a i	246,127,418.01 (A . a i 29 . a a i .)	6/25/2021- 8/16/2021	2/16/2022- 6/25/2022	N
C X i a. . H a i C i a		T E , -I B a C i a Z i a i B a i	B i a i	860,292,328.10 (USD134,933,000.00) (A . a i 2 . a a i .)	10/27/2021- 11/25/2021	3/21/2024- 9/21/2028	N
		C i a C i a B a C ., L i J a i T i a i S b b a i		592,461,922.50 (USD92,925,000.00) (A . a i 1 . a a i .)	10/28/2021	3/21/2024- 9/21/2028	
		A i a J a B a C i a L i T i a i S b b a i		296,795,210.70 (USD46,551,000.00) (A . a i 1 . a a i .)	10/29/2021	3/21/2024- 9/21/2028	

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	Whether the guarantee is mature
C X i a . . H a i a C , ,		C a M i , B a i C , , L . S a i a P i , 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 i A B a C , , L . H a i B a		150,466,520.00 (USD23,600,000.00) (A . a 1 a . a)			
		C a E b i , B a C , , L . H a i B a		60,186,608.00 (USD9,440,000.00) (A . a 1 a . a)			
		K a i I . . B i i . (H i K i) C , , L .		318,785,000.00 (USD50,000,000.00) (A . a 1 a . a)			
H a i T C a / I H i . . . C i B&M [N .]		L . a a C a B a C a L . J . a S i b b a C a C . . B i i . B a C , a C i J i S i b b a C a F a a L a i C , , L .	B i i .	94,000,000.00 (A . a 1 a . a)	12/15/2021	12/13/2022	N
		C a C . . B i i . B a C , a C i J i S i b b a C a F a a L a i C , , L .	B i 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 i a b a	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			

Note: T C a , , a i a a . C i B&M, a H a i H i , , a . . i a a .
C a .

4. Call loans between related parties

(1) Year 2021

Related parties	Opening balance	Increase	Decrease [Note]	Closing balance
Call loans from related parties				
Xinwei	7,842,828.93		7,842,828.93	
TMA Capital				

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

(3) Y a 2019

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

Note: A N M a a a C A 15, 2019, 28.25
N M a A 2019 a ,

I 2019, C 20,466,261.86 , 879,183.32 , 2,753,912.59 , 1,131,217.13 , 710,710.97 , H a H , H a T a , X W , H a H H K a TMA C A 2019, C 599,462.50 , 127,358.33 , 6,819,205.29 , 1,140,453.62 , 716,513.99 , 484,577.38 , H a I I I

5. Assets transfer and debt restructuring of the related parties

Related parties	Content of related party transactions	Year 2021	Year 2020	Year 2019
IWIP C	A	900,101.04		
G a H a C	A	674,204.64		
H a H a	A	1,351,200,000.00		
	T a B&M [N]			
H a N E	S a			38,717.41
H a H	S a		24,835.36	3,818.97
	S a		40,303,925.64	10,273,350.84

Related parties	Content of related party transactions	Year 2021	Year 2020	Year 2019
	<p>Абсолютно 100% принадлежащая дочерняя компания</p> <p>Итого: 6.73</p>			
Итого: 772,741,367.00	<p>Абсолютно 99.01% принадлежащая дочерняя компания</p> <p>Итого: 772,741,367.00</p>			
Итого: 6.89	<p>Дочерняя компания 100%</p> <p>Итого: 6.89</p>			
Итого: 72,601,580.75	<p>Абсолютно 40.00% принадлежащая дочерняя компания</p> <p>Итого: 72,601,580.75</p>			
Итого: 39,475.24	<p>Самостоятельная деятельность</p> <p>Итого: 39,475.24</p>			
Итого: 805,000,000.00	<p>Абсолютно 15.68% принадлежащая дочерняя компания</p> <p>Итого: 805,000,000.00</p>			
Итого: 1,352,774,305.68	<p>Итого: 1,352,774,305.68</p>			
Итого: 845,368,236.24	<p>Итого: 845,368,236.24</p>			
Итого: 855,658,848.59	<p>Итого: 855,658,848.59</p>			

Note: Принадлежность определена в соответствии с VI (I) 1 (2) Положения о раскрытии информации эмитентами и участниками рынка, утвержденного Советом директоров ПАО «Татнефть» от 14.06.2017 года.

6. Key management's emoluments

Уплата вознаграждения				
Items		Year 2021	Year 2020	Year 2019
Ключевые менеджеры		5,711.48	3,835.62	2,847.92

(III) *Balance due to or from related parties*

1. *Balance due from related parties*

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
Accounts receivable	TMR C			1,145,978.44	57,298.92	3,531,417.46	176,570.87
	Ta B&M			120,860,714.62	6,043,035.73	83,931,057.92	4,196,552.90
	C B&M			46,035,996.53	2,301,799.83	738,625.23	36,931.26
	L	47,433.04	2,371.65	21,355.23	1,067.76	147,315.85	7,365.79
	C						
	I M	162,000.00	162,000.00	162,000.00	162,000.00	162,000.00	162,000.00
	H, R a						
	S a H,	474,200.00	474,200.00	474,200.00	474,200.00	474,200.00	474,200.00
	R a						
	H a	5,006.68	250.33	14,472,864.25	723,643.21		
	H						
	P a	14,679,082.10	733,954.10	37,746,252.90	1,887,312.65		
	C						
	B	1,394.96	69.75				
	C						
	T L	174,645.97	8,732.30				
	C						
	I a	157,224.76	7,861.24				
	H a						
Subsidiary accounts receivable		15,700,987.51	1,389,439.37	220,919,361.97	11,650,358.10	88,984,616.46	5,053,620.82
Receivable from related parties	Ta B&M			56,062,750.00		49,295,200.23	
	H a			21,171,718.00		8,468,687.20	
	H						
	C B&M			41,553,081.10			
	I M	9,000,000.00					
	S a						
Subsidiary accounts payable		9,000,000.00		118,787,549.10	57,763,887.43		
Other accounts payable	I a	3,187,850.00	637,570.00	3,262,450.00	163,122.50		
	H a						
	T L	72,019.20	3,600.96				
	C						
	[N]						
Subsidiary accounts payable		3,259,869.20	641,170.96	3,262,450.00	163,122.50		
Liabilities	IWIP C	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	
Subsidiary liabilities		281,474,403.60		288,061,285.20		203,448,846.03	

Note: The above table shows the balance due from related parties as of December 31, 2021, 2020, and 2019. The balance due from related parties is classified as current assets or current liabilities depending on the nature of the transaction.

2. *Balance due to related parties*

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

XI. Share-based payment

(I) Overall information

Year 2021

Items	The Company	Tianjin B&M
Total	RMB8,491,900	9,424,800
Total	-	9,424,800
Total	-	-
Total	-	-
Total	-	-

Plaintiff's motion for summary judgment is granted. Plaintiff has established that Defendant's conduct was negligent and that the negligence was the proximate cause of Plaintiff's damages. Defendant's motion for summary judgment is denied.

(II) Equity-settled share-based payment

Year 2021

1. R. ... a ... C ... a ...

Determination method for grant-date fair value of equity instruments	The closing price of the Company's shares on the grant date
<p>During the year, the Company issued 113,786,486 shares of ordinary shares to employees as restricted stock awards. The shares were issued at a price of 0.91 yuan per share, which was the closing price of the Company's shares on the grant date.</p> <p>The Company used the Black-Scholes model to estimate the fair value of the restricted stock awards. The fair value of the restricted stock awards was 103,349,028.92 yuan.</p> <p>The Company used the Black-Scholes model to estimate the fair value of the restricted stock awards. The fair value of the restricted stock awards was 10,411,203.96 yuan.</p> <p>The Company used the Black-Scholes model to estimate the fair value of the restricted stock awards. The fair value of the restricted stock awards was 26,253.27 yuan.</p>	<p>113,786,486.15</p> <p>113,786,486.15</p> <p>103,349,028.92</p> <p>10,411,203.96</p> <p>26,253.27</p>

2. E \rightarrow T a B&M

Determination method for grant-date fair value of equity instruments	[Note]
Dividend-adjusted Black-Scholes model	
Binomial model	
Monte Carlo simulation	
Calibrated binomial model	72,382,464.00
Two-stage binomial model	72,382,464.00

Note: T r a -'a a a a r m b 17.68 r a a b a A
A, a a R Z a H a r C b a C L P Ca A Pa a E T a B&M
S a a T C L (Z L a P Ba Z [2021] N .189) b Z a C a U a Ya
A a A, a a C L a a D b 31, 2020 a a a b a T a a
166,630,464.00 r a a a a b a -ba a m
72,382,464.00 r a a a b a 94,248,000.00 r a m

[illegible]

XIV. Other significant events

(I) Segment information

[illegible]

(II) Leases

1. *The Company as lessee*

(1) $P_1 a_1 \dots a_n \in V(I)$ \Rightarrow $a_1 a_2 \dots a_n \in m$.

(2) $S = \{a, a^2, a^3, \dots, a^{n-1}\}$ is a sub-semigroup of (M, \cdot) .

III (XXIX)

Items	Year 2021
E , a , m , a .	3,088,592.10
E , a , a , m , a , a , (a , a , m , a) .	22,334,877.30
T a .	25,423,469.40

(3) $P \vdash a \mid sa \vdash a \mid a$

Items	Year 2021
Income tax expense	3,597,007.25
Total	55,926,401.84

(4) P a . . . VIII (II)

2. The Company as lessor

(1) Lease income

Items	Year 2021
Lease income	16,344,693.16
Interest income on lease receivable	
Interest income on lease receivable	

(2) Allowance for doubtful accounts

Items	December 31, 2021
Balance	12,716,111.26
Balance	12,716,111.26

Provision for doubtful accounts (I) 13

(3) Unearned interest income

Remaining years	December 31, 2021
Weighted average	41,666.67
Total	41,666.67

XV. Notes to items of parent company financial statements

(I) Notes to items of parent company balance sheet

1. Accounts receivable

(1) Details

(1) Details

Categories	December 31, 2021				
	Book balance		Provision for bad debts		Carrying amount
	Amount	% to total	Amount	Provision proportion (%)	
Receivable from related parties	6,885,027.34	1.83	6,885,027.34	100.00	
Receivable from other parties	368,669,867.08	98.17	8,062,408.23	2.19	360,607,458.85
Total	375,554,894.42	100.00	14,947,435.57	3.98	360,607,458.85

$$(C_{\alpha}^{\beta}, d)$$

	December 31, 2020				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
Reservable bad debts					
Reservable bad debts	6,482,979.34	2.54	6,482,979.34	100.00	
Reservable bad debts	249,168,495.97	97.46	9,480,623.88	3.80	239,687,872.09
Total	255,651,475.31	100.00	15,963,603.22	6.24	239,687,872.09

$$(C_{\alpha}^{\beta}, \beta)$$

	December 31, 2019				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
Receivables from customers	6,482,979.34	2.00	6,482,979.34	100.00	
Receivables from other parties	318,274,390.58	98.00	11,697,192.26	3.68	306,577,198.32
Total	324,757,369.92	100.00	18,180,171.60	5.60	306,577,198.32

[illegible]

a. D s b 31, 2021
m

Debtors	Book balance	Provision for bad debts	Provision proportion	Reasons for provision made
			(%)	
Jia Jia Ning Ma, a C., Ltd.	5,717,261.90	5,717,261.90	100.00	Estimated bad debt
Others	1,167,765.44	1,167,765.44	100.00	Estimated bad debt
Subtotal	6,885,027.34	6,885,027.34	100.00	

b. D e m b 31, 2020

Debtors	Book balance	Provision for bad debts	Provision proportion (%)	Reasons for provision made
J a i J a i N Ma a C ., L.	5,717,261.90	5,717,261.90	100.00	E , e . l . b
O.	765,717.44	765,717.44	100.00	l . e . ab
Sr b. a j	6,482,979.34	6,482,979.34	100.00	l . e . a . b .

c. D e m b 31, 2019

Debtors	Book balance	Provision for bad debts	Provision proportion (%)	Reasons for provision made
J a i J a i N Ma a C ., L.	5,717,261.90	5,717,261.90	100.00	E , e . l . b
O.	765,717.44	765,717.44	100.00	l . e . ab
Sr b. a j	6,482,979.34	6,482,979.34	100.00	l . e . a . b .

(3) A e e i ab ba l l b . m a l a e . e . ba .

a. Accounts receivable with provision for bad debts made on a collective basis

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for bad debts	Provision proportion (%)	Book balance	Provision for bad debts	Provision proportion (%)
P	160,699,463.55	8,062,408.23	5.02	185,811,145.38	9,480,623.88	5.10
P						
l . ba a e .						
l . m a .						
l . a .						
l . a .						
l .	207,970,403.53			63,357,350.59		
Sr b. a j	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	232,737,701.20	11,697,192.26	5.03
P			
l . ba a e .			
l . m a .			
l . a .	85,536,689.38		
Sr b. a j	318,274,390.58	11,697,192.26	3.68

b. Accounts receivable with provision made on a collective basis using age analysis method

Ages	December 31, 2021			December 31, 2020		
	Book balance	Provision for bad debts	Provision proportion (%)	Book balance	Provision for bad debts	Provision proportion (%)
Wages 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
Subtotal	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 (%)
Wages 1 a	232,335,653.20	11,616,782.66	5.00
1-2 a	402,048.00	80,409.60	20.00
Subtotal	232,737,701.20	11,697,192.26	5.03

(2) *Age analysis*

Ages	Book balance		
	December 31, 2021	December 31, 2020	December 31, 2019
Wages 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
Other 3 a	6,885,027.34	6,482,979.34	6,482,979.34
Total	375,554,894.42	255,651,475.31	324,757,369.92

(3) *Changes in provision for bad debts*

(1) Year 2021

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

(2) Y a 2020

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others	Reversal	Write-off	Others	
R a b a m a								
ba	6,482,979.34							6,482,979.34
R a b a m a								
ba	11,697,192.26	-2,216,568.38						9,480,623.88
T a	18,180,171.60	-2,216,568.38						15,963,603.22

(3) Y a 2019

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others	Reversal	Write-off	Others	
R a b a m a								
ba	6,482,979.34							6,482,979.34
R a b a m a								
ba	7,597,239.72	4,099,952.54						11,697,192.26
T a	14,080,219.06	4,099,952.54						18,180,171.60

(4) D a b a m a

Items	December 31, 2021	December 31, 2020	December 31, 2019
B a a	221,682,278.36	179,442,246.13	245,622,447.28
P a b a			
a a b (%)	59.03	70.19	75.63
P a b a	5,087,389.37	6,459,329.91	12,281,122.36

2. Other receivables

(1) D a b a m a

(1) D a b a m a

Categories	December 31, 2021				
	Book balance		Provision for bad debts		Carrying amount
	Amount	% to total	Amount	Provision proportion (%)	
R a b a m a					
R a b a m a					
a a b	3,116,525,269.32	100.00	1,662,449.88	0.05	3,114,862,819.44
T a	3,116,525,269.32	100.00	1,662,449.88	0.05	3,114,862,819.44

(C 2, 1)

Categories	December 31, 2020				
	Book balance		Provision for bad debts		Carrying amount
	Amount	% to total	Amount	Provision proportion (%)	
R 2, 1 ab 2, 1 a ba 2, 1					
R 2, 1 ab 2, 1 a ba 2, 1					
T a 2, 1	286,196,007.46	100.00	2,435,576.81	0.85	283,760,430.65
T a 2, 1	286,196,007.46	100.00	2,435,576.81	0.85	283,760,430.65

(C 2, 1)

Categories	December 31, 2019				
	Book balance		Provision for bad debts		Carrying amount
	Amount	% to total	Amount	Provision proportion (%)	
R 2, 1 ab 2, 1 a ba 2, 1					
R 2, 1 ab 2, 1 a ba 2, 1					
T a 2, 1	110,553,586.32	100.00	471,405.94	0.43	110,082,180.38
T a 2, 1	110,553,586.32	100.00	471,405.94	0.43	110,082,180.38

(2) O 2, 1 ab 2, 1 a ba 2, 1

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

	December 31, 2019		
Portfolios	Book balance	Provision for bad debts	Provision proportion
			(%)
Pension assets	106,217,575.57		
Pension liabilities	4,336,010.75	471,405.94	10.87
Investment in WFOs	2,779,041.39	138,952.07	5.00
1-2 years	1,523,769.36	304,753.87	20.00
2-3 years	11,000.00	5,500.00	50.00
Over 3 years	22,200.00	22,200.00	100.00
Subtotal	110,553,586.32	471,405.94	0.43

(2) A is a \mathbb{Q} -algebra.

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

[illegible]

(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, ba a s	1,641,630.24	113,861.89	680,084.68	2,435,576.81
O, ba a s				
T a a 2	-200,000.00	200,000.00		
T a a 3	-108,861.89	108,861.89		
R a 2				
R a 1				
P a				
a	-722,846.72	595,000.00	-413,586.24	-541,432.96
P s				
P , 				
P a				
P , 				
P a				
a , 	231,693.97	231,693.97		
O, s a				
C ba a s	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, ba a s	138,952.07	304,753.87	27,700.00	471,405.94
O, ba a s				
T a 2	-28,465.47	28,465.47		
T a 3		-258,753.87	258,753.87	
R a 2				
R a 1				
P a				
P a	1,531,143.64	39,396.42	393,630.81	1,964,170.87
P s				
P s				
P s				
P s				
O, s a				
C ba a s	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, <u> </u> ba a s [N .]	339,593.55	201,087.96	228,205.61	768,887.12
O, <u> </u> ba a s <u> </u> s <u> </u>				
T a <u> </u> s <u> </u> a 2	-76,188.47	76,188.47		
T a <u> </u> s <u> </u> a 3		-2,200.00	2,200.00	
R <u> </u> s <u> </u> a 2				
R <u> </u> s <u> </u> a 1				
P <u> </u> s <u> </u> a <u> </u> s <u> </u>	-124,453.01	29,677.44	-202,705.61	-297,481.18
P <u> </u> s <u> </u> s <u> </u> s <u> </u>				
P <u> </u> s <u> </u> s <u> </u> s <u> </u>				
P <u> </u> s <u> </u> s <u> </u> s <u> </u>				
O, <u> </u> s a <u> </u>				
C <u> </u> ba a s <u> </u>	138,952.07	304,753.87	27,700.00	471,405.94

Note: P₁ a₁ a₂ a₃ a₄ a₅ a₆ a₇ a₈ a₉ a₁₀ a₁₁ a₁₂ a₁₃ a₁₄ a₁₅ a₁₆ a₁₇ a₁₈ a₁₉ a₂₀ a₂₁ a₂₂ a₂₃ a₂₄ a₂₅ a₂₆ a₂₇ a₂₈ a₂₉ a₃₀ a₃₁ a₃₂ a₃₃ a₃₄ a₃₅ a₃₆ a₃₇ a₃₈ a₃₉ a₄₀ a₄₁ a₄₂ a₄₃ a₄₄ a₄₅ a₄₆ a₄₇ a₄₈ a₄₉ a₅₀ a₅₁ a₅₂ a₅₃ a₅₄ a₅₅ a₅₆ a₅₇ a₅₈ a₅₉ a₆₀ a₆₁ a₆₂ a₆₃ a₆₄ a₆₅ a₆₆ a₆₇ a₆₈ a₆₉ a₇₀ a₇₁ a₇₂ a₇₃ a₇₄ a₇₅ a₇₆ a₇₇ a₇₈ a₇₉ a₈₀ a₈₁ a₈₂ a₈₃ a₈₄ a₈₅ a₈₆ a₈₇ a₈₈ a₈₉ a₉₀ a₉₁ a₉₂ a₉₃ a₉₄ a₉₅ a₉₆ a₉₇ a₉₈ a₉₉ a₁₀₀ a₁₀₁ a₁₀₂ a₁₀₃ a₁₀₄ a₁₀₅ a₁₀₆ a₁₀₇ a₁₀₈ a₁₀₉ a₁₁₀ a₁₁₁ a₁₁₂ a₁₁₃ a₁₁₄ a₁₁₅ a₁₁₆ a₁₁₇ a₁₁₈ a₁₁₉ a₁₂₀ a₁₂₁ a₁₂₂ a₁₂₃ a₁₂₄ a₁₂₅ a₁₂₆ a₁₂₇ a₁₂₈ a₁₂₉ a₁₃₀ a₁₃₁ a₁₃₂ a₁₃₃ a₁₃₄ a₁₃₅ a₁₃₆ a₁₃₇ a₁₃₈ a₁₃₉ a₁₄₀ a₁₄₁ a₁₄₂ a₁₄₃ a₁₄₄ a₁₄₅ a₁₄₆ a₁₄₇ a₁₄₈ a₁₄₉ a₁₅₀ a₁₅₁ a₁₅₂ a₁₅₃ a₁₅₄ a₁₅₅ a₁₅₆ a₁₅₇ a₁₅₈ a₁₅₉ a₁₆₀ a₁₆₁ a₁₆₂ a₁₆₃ a₁₆₄ a₁₆₅ a₁₆₆ a₁₆₇ a₁₆₈ a₁₆₉ a₁₇₀ a₁₇₁ a₁₇₂ a₁₇₃ a₁₇₄ a₁₇₅ a₁₇₆ a₁₇₇ a₁₇₈ a₁₇₉ a₁₈₀ a₁₈₁ a₁₈₂ a₁₈₃ a₁₈₄ a₁₈₅ a₁₈₆ a₁₈₇ a₁₈₈ a₁₈₉ a₁₉₀ a₁₉₁ a₁₉₂ a₁₉₃ a₁₉₄ a₁₉₅ a₁₉₆ a₁₉₇ a₁₉₈ a₁₉₉ a₂₀₀ a₂₀₁ a₂₀₂ a₂₀₃ a₂₀₄ a₂₀₅ a₂₀₆ a₂₀₇ a₂₀₈ a₂₀₉ a₂₁₀ a₂₁₁ a₂₁₂ a₂₁₃ a₂₁₄ a₂₁₅ a₂₁₆ a₂₁₇ a₂₁₈ a₂₁₉ a₂₂₀ a₂₂₁ a₂₂₂ a₂₂₃ a₂₂₄ a₂₂₅ a₂₂₆ a₂₂₇ a₂₂₈ a₂₂₉ a₂₃₀ a₂₃₁ a₂₃₂ a₂₃₃ a₂₃₄ a₂₃₅ a₂₃₆ a₂₃₇ a₂₃₈ a₂₃₉ a₂₄₀ a₂₄₁ a₂₄₂ a₂₄₃ a₂₄₄ a₂₄₅ a₂₄₆ a₂₄₇ a₂₄₈ a₂₄₉ a₂₅₀ a₂₅₁ a₂₅₂ a₂₅₃ a₂₅₄ a₂₅₅ a₂₅₆ a₂₅₇ a₂₅₈ a₂₅₉ a₂₆₀ a₂₆₁ a₂₆₂ a₂₆₃ a₂₆₄ a₂₆₅ a₂₆₆ a₂₆₇ a₂₆₈ a₂₆₉ a₂₇₀ a₂₇₁ a₂₇₂ a₂₇₃ a₂₇₄ a₂₇₅ a₂₇₆ a₂₇₇ a₂₇₈ a₂₇₉ a₂₈₀ a₂₈₁ a₂₈₂ a₂₈₃ a₂₈₄ a₂₈₅ a₂₈₆ a₂₈₇ a₂₈₈ a₂₈₉ a₂₉₀ a₂₉₁ a₂₉₂ a₂₉₃ a₂₉₄ a₂₉₅ a₂₉₆ a₂₉₇ a₂₉₈ a₂₉₉ a₃₀₀ a₃₀₁ a₃₀₂ a₃₀₃ a₃₀₄ a₃₀₅ a₃₀₆ a₃₀₇ a₃₀₈ a₃₀₉ a₃₁₀ a₃₁₁ a₃₁₂ a₃₁₃ a₃₁₄ a₃₁₅ a₃₁₆ a₃₁₇ a₃₁₈ a₃₁₉ a₃₂₀ a₃₂₁ a₃₂₂ a₃₂₃ a₃₂₄ a₃₂₅ a₃₂₆ a₃₂₇ a₃₂₈ a₃₂₉ a₃₃₀ a₃₃₁ a₃₃₂ a₃₃₃ a₃₃₄ a₃₃₅ a₃₃₆ a₃₃₇ a₃₃₈ a₃₃₉ a₃₄₀ a₃₄₁ a₃₄₂ a₃₄₃ a₃₄₄ a₃₄₅ a₃₄₆ a₃₄₇ a₃₄₈ a₃₄₉ a₃₅₀ a₃₅₁ a₃₅₂ a₃₅₃ a₃₅₄ a₃₅₅ a₃₅₆ a₃₅₇ a₃₅₈ a₃₅₉ a₃₆₀ a₃₆₁ a₃₆₂ a₃₆₃ a₃₆₄ a₃₆₅ a₃₆₆ a₃₆₇ a₃₆₈ a₃₆₉ a₃₇₀ a₃₇₁ a₃₇₂ a₃₇₃ a₃₇₄ a₃₇₅ a₃₇₆ a₃₇₇ a₃₇₈ a₃₇₉ a₃₈₀ a₃₈₁ a₃₈₂ a₃₈₃ a₃₈₄ a₃₈₅ a₃₈₆ a₃₈₇ a₃₈₈ a₃₈₉ a₃₉₀ a₃₉₁ a₃₉₂ a₃₉₃ a₃₉₄ a₃₉₅ a₃₉₆ a₃₉₇ a₃₉₈ a₃₉₉ a₄₀₀ a₄₀₁ a₄₀₂ a₄₀₃ a₄₀₄ a₄₀₅ a₄₀₆ a₄₀₇ a₄₀₈ a₄₀₉ a₄₁₀ a₄₁₁ a₄₁₂ a₄₁₃ a₄₁₄ a₄₁₅ a₄₁₆ a₄₁₇ a₄₁₈ a₄₁₉

(4) Owing to the above said factors, the balance of the account is as follows:

Nature of receivables	Book balance		
	December 31, 2021	December 31, 2020	December 31, 2019
Sundry receivables, etc.	10,916,715.99	32,840,372.74	1,277,969.36
Total			

(3) December 31, 2019

Debtors	Nature of receivables	Book balance	Ages	Proportion to the total balance of other receivables (%)	Provision for bad debts
CDM C	Trade receivables	68,449,068.84	Within 1 year	61.91	
Haiti C	Trade receivables	22,270,000.00	Within 1 year : 1-2 years : 1,870,000.00	20.14	
MIKAS C	Trade receivables	10,455,048.15	Within 1 year	9.46	
Haiti M, Haiti K	Trade receivables	1,953,336.00	1-2 years	1.77	
R. R.	Trade receivables	1,744,545.32	1-2 years	1.58	
Subsidiary		104,871,998.31		94.86	

3. Long-term equity investments

(1) December 31, 2019

Items	December 31, 2021			December 31, 2020		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
Investment in subsidiaries	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
Investment in associates	598,430,946.19		598,430,946.19	2,844,222.10		2,844,222.10
Total	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

(Continued)

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

(2) Information on impairment

(1) Year 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	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	2,488,000,000.00			2,488,000,000.00		
SHAD C a						518,166.20
H a i M						
H i K	2,311,505,854.80	1,560,074,116.71		3,871,579,971.51		
N E i Q	870,000,000.00	900,000,000.00		1,770,000,000.00		
H a i R	1,100,000,000.00	150,000,000.00		1,250,000,000.00		
H a i N E	700,000,000.00			700,000,000.00		
Y i T a	2,850,000.00			2,850,000.00		
T i a H a a	1,140,000.00			1,140,000.00		
B i Y	1,710,000.00			1,710,000.00		
G a i H a						
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 H a		18,040,800.00		18,040,800.00		
T i a H a a		18,040,800.00		18,040,800.00		
W i H a a		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		50,000,000.00		50,000,000.00		
S 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) Year 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	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	1,683,000,000.00	805,000,000.00		2,488,000,000.00		
SHAD C a						518,166.20
H a i M						
H i K	1,652,726,482.93	658,779,371.87		2,311,505,854.80		
N E i Q	870,000,000.00			870,000,000.00		
H a i R	600,000,000.00	500,000,000.00		1,100,000,000.00		
H a i P	23,000,000.00		23,000,000.00			
H a i N E	700,000,000.00			700,000,000.00		
Y i T a	2,850,000.00			2,850,000.00		
T i a H a a		1,140,000.00		1,140,000.00		
B i Y		1,710,000.00		1,710,000.00		
S 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 & E	100,587,951.00			100,587,951.00		
H a H K	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 Q	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 M						
H K	1,106,953,457.40	545,773,025.53		1,652,726,482.93		
N E Q	370,000,000.00	500,000,000.00		870,000,000.00		
H a R	200,000,000.00	400,000,000.00		600,000,000.00		
H a P	5,000,000.00	18,000,000.00		23,000,000.00		
H a N E	300,000,000.00	400,000,000.00		700,000,000.00		
Y T a	2,850,000.00			2,850,000.00		
S b a	5,005,493,138.05	1,866,623,025.53		6,872,116,163.58	518,166.20	518,166.20

(3) Investment income and expense(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 a					
H a m N E	2,844,222.10			-2,844,222.10	
Q m X		7,800,000.00	7,806,343.53	6,343.53	
Q A		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 a)

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 a						
H a m N E						
Q m X						
Q A					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 r.	2,884,932.20			-40,710.10	
T. a.	2,884,932.20			-40,710.10	

(C. a. r. al)

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 r.					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 r.	4,965,347.26			-2,080,415.06	
T. a.	4,965,347.26			-2,080,415.06	

(C. a. r. al)

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 r.					2,884,932.20	
T. a.					2,884,932.20	

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

1. Operating revenue/Operating cost

(1) Demand

Items	Year 2021		Year 2020		Year 2019	
	Revenue	Cost	Revenue	Cost	Revenue	Cost
Material	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
Other	122,064,911.41	40,059,139.61	105,482,335.65	59,268,159.27	113,579,295.71	50,666,732.39
Total	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
Interest Revenue						
Financial assets						
Net	3,329,989,151.85	2,018,947,056.34	2,150,283,269.24	1,274,945,481.26		

Note: The above figures are based on the parent company's financial statements.

(2) Business

(1) Business revenue and cost

Items	Year 2021		Year 2020		Year 2019	
	Revenue	Cost	Revenue	Cost	Revenue	Cost
Business revenue	3,086,043,659.84	1,855,641,726.75	2,039,904,837.16	1,214,188,878.08	2,421,706,672.79	1,968,917,388.45
Other	243,945,492.01	163,305,329.59	110,378,432.08	60,756,603.18	232,933,357.13	161,110,267.06
Total	3,329,989,151.85	2,018,947,056.34	2,150,283,269.24	1,274,945,481.26	2,654,640,029.92	2,130,027,655.51

(2) Business revenue and cost

Items	Year 2021		Year 2020		Year 2019	
	Revenue	Cost	Revenue	Cost	Revenue	Cost
Domestic	2,530,229,591.22	1,525,522,545.78	1,681,470,492.31	970,634,933.94	1,937,101,416.38	1,585,059,095.38
Overseas	799,759,560.63	493,424,510.56	468,812,776.93	304,310,547.32	717,538,613.54	544,968,560.13
Total	3,329,989,151.85	2,018,947,056.34	2,150,283,269.24	1,274,945,481.26	2,654,640,029.92	2,130,027,655.51

(3) Business revenue and cost

Items	Year 2021		Year 2020	
	Revenue	Cost	Revenue	Cost
Revenue	3,329,989,151.85		2,150,283,269.24	
Cost		3,329,989,151.85		2,150,283,269.24

(3) Cost of sales

Items	Year 2021		Year 2020	
	Revenue	Cost	Revenue	Cost
Operating	200,891,243.91		10,936,545.98	
Cost		200,891,243.91		10,936,545.98

2. R&D expenses

Items	Year 2021	Year 2020	Year 2019
Employment	52,363,779.16	39,464,102.76	37,591,985.00
Manufacturing	77,470,509.73	58,906,905.23	76,326,454.25
Durable goods	3,694,320.91	4,242,687.35	4,311,349.82
Non-durable goods	2,503,215.30	5,950,380.93	16,660,921.20
Total	136,031,825.10	108,564,076.27	134,890,710.27

3. Investment income

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

[illegible]

XVI. Other supplementary information

(I) *Non-recurring profit or loss*

Schedule of non-recurring profit or loss

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

Items	Amount		
	Year 2021	Year 2020	Year 2019
Ga			
Ga			
Ga			
A			
Ga			
E			
Ga			
N			
C			
Ga			
T	-36,817,583.77	-8,271,064.14	-28,897,804.94
Ga			7,344,000.00
Ga			
Ga			
Ga			
Ma			
O	-10,167,448.45	-9,815,771.47	3,299,892.01
O			
Si	50,104,903.35	38,451,104.35	75,179,738.64
L	-3,545,066.16	9,458,101.50	15,226,945.81
N	9,639,155.47	-11,871,339.23	8,578,057.61
N	44,010,814.04	40,864,342.08	51,374,735.22

(II) ROE and EPS

1. Details

(1) ROE

Profit of the reporting period	Weighted average ROE (%)		
	Year 2021	Year 2020	Year 2019
Net profit attributable to shareholders of the company	23.49	12.73	1.56
Net profit attributable to shareholders of the company after deducting the amount of the cash dividend distributed in the reporting period	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
Net profit attributable to shareholders of the company	3.25	1.03	0.11	3.24	1.03	0.11
Net profit attributable to shareholders of the company after deducting the amount of the cash dividend distributed in the reporting period	3.21	1.00	0.06	3.21	1.00	0.06

2. Calculation process of weighted average ROE

Items	Symbols	Year 2021	Year 2020	Year 2019
Net profit attributable to shareholders of the company	A	3,897,503,525.74	1,164,842,854.12	119,534,808.82
Net profit attributable to shareholders of the company after deducting the amount of the cash dividend distributed in the reporting period	B	44,010,814.04	40,864,342.08	51,374,735.22
Net profit attributable to shareholders of the company after deducting the amount of the cash dividend distributed in the reporting period	C=A-B	3,853,492,711.70	1,123,978,512.04	68,160,073.60
Ordinary shares outstanding at the beginning of the reporting period	D	9,922,119,109.93	7,747,750,020.53	7,600,754,136.52
Net profit attributable to shareholders of the company after deducting the amount of the cash dividend distributed in the reporting period	E1		805,000,000.00	
Net profit attributable to shareholders of the company after deducting the amount of the cash dividend distributed in the reporting period	F1		10	
Net profit attributable to shareholders of the company after deducting the amount of the cash dividend distributed in the reporting period	E2	5,955,003,654.14	781,153,434.49	
Net profit attributable to shareholders of the company after deducting the amount of the cash dividend distributed in the reporting period	F2	10	8	
Net profit attributable to shareholders of the company after deducting the amount of the cash dividend distributed in the reporting period	G	242,580,876.60		82,974,728.50

Items	Symbols	Year 2021	Year 2020	Year 2019
N _m ^b m a m a m a	H	8		8
O _m T a a	I1	-228,936,532.63	-241,523,980.13	121,734,864.57
N _m ^b m a m a	J1	6	6	6
A _m m a m a	I2	-4,103,575.00	-16,276,517.52	-28,688,489.24
N _m ^b m a m a	J2	6	6	6
P _m a a m b	I3	-40,330,076.10	-63,418,820.75	5,075,457.94
N _m ^b m a m a	J3	6	6	6
E _m a -ba	I4	103,349,028.92		
N _m ^b m a m a	J4	6		
E _m a -ba	I5	10,411,203.96		
N _m ^b m a m a	J5	3		

Items	Symbols	Year 2021	Year 2020	Year 2019
E	I6	26,253.27		
N	J6			
I	I7	6,593,305.99		
N	J7	6		
I	I8	153,707.53		
N	J8	3		
I	I9	38.82		
N	J9			

Items	Symbols	Year 2021	Year 2020	Year 2019
<p> $A_{t,m}^{(a,a)} = (a_{t,m}^{(a,a)}, m_{t,m}^{(a,a)})$ $a_{t,m}^{(a,a)} = a_{t,m}^{(a,a)}$ $m_{t,m}^{(a,a)} = m_{t,m}^{(a,a)}$ $T_{t,m}^{(a,a)} = T_{t,m}^{(a,a)}$ $B\&M_{t,m}^{(a,a)} = B\&M_{t,m}^{(a,a)}$ </p>	I10	12,206,546.48		
<p> $N_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ $m_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ $a_{t,m}^{(a,b)} = a_{t,m}^{(a,b)}$ $m_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ </p>	J10	1		
<p> $A_{t,m}^{(a,a)} = (a_{t,m}^{(a,a)}, m_{t,m}^{(a,a)})$ $a_{t,m}^{(a,a)} = a_{t,m}^{(a,a)}$ $m_{t,m}^{(a,a)} = m_{t,m}^{(a,a)}$ $J_{t,m}^{(a,a)} = H_{t,m}^{(a,a)}$ </p>	I11	-621,489.48		
<p> $N_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ $m_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ $a_{t,m}^{(a,b)} = a_{t,m}^{(a,b)}$ $m_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ </p>	J11	10		
<p> $A_{t,m}^{(a,a)} = (a_{t,m}^{(a,a)}, m_{t,m}^{(a,a)})$ $a_{t,m}^{(a,a)} = a_{t,m}^{(a,a)}$ $m_{t,m}^{(a,a)} = m_{t,m}^{(a,a)}$ $SESA_{t,m}^{(a,a)} = a_{t,m}^{(a,a)}$ </p>	I12	-8,088,340.85		
<p> $N_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ $m_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ $a_{t,m}^{(a,b)} = a_{t,m}^{(a,b)}$ $m_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ </p>	J12	2		
<p> $A_{t,m}^{(a,a)} = (a_{t,m}^{(a,a)}, m_{t,m}^{(a,a)})$ $a_{t,m}^{(a,a)} = a_{t,m}^{(a,a)}$ $m_{t,m}^{(a,a)} = m_{t,m}^{(a,a)}$ $B_{t,m}^{(a,a)} = B_{t,m}^{(a,a)}$ $H_{t,m}^{(a,a)} = H_{t,m}^{(a,a)}$ </p>	I13	-17,566.99		
<p> $N_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ $m_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ $a_{t,m}^{(a,b)} = a_{t,m}^{(a,b)}$ $m_{t,m}^{(a,b)} = m_{t,m}^{(a,b)}$ </p>	J13	4		
<p> $A_{t,m}^{(a,a)} = (a_{t,m}^{(a,a)}, m_{t,m}^{(a,a)})$ $a_{t,m}^{(a,a)} = a_{t,m}^{(a,a)}$ $m_{t,m}^{(a,a)} = m_{t,m}^{(a,a)}$ $T_{t,m}^{(a,a)} = T_{t,m}^{(a,a)}$ $H_{t,m}^{(a,a)} = H_{t,m}^{(a,a)}$ </p>	I14	313,655.60		

3. Calculation process of basic EPS and diluted EPS

(1) Calculation process of basic EPS

Items	Symbols	Year 2021	Year 2020	Year 2019
Net income attributable to equity holders of the parent company	A	3,897,503,525.74	1,164,842,854.12	119,534,808.82
Net income attributable to equity holders of the parent company	B	44,010,814.04	40,864,342.08	51,374,735.22
Net income attributable to equity holders of the parent company	C=A-B	3,853,492,711.70	1,123,978,512.04	68,160,073.60
Other comprehensive income attributable to equity holders of the parent company	D	1,141,261,526.00	1,078,671,471.00	829,747,285.00
Net income attributable to equity holders of the parent company	E			248,924,186.00
Net income attributable to equity holders of the parent company				
Net income attributable to equity holders of the parent company				
Net income attributable to equity holders of the parent company	F1	71,642,857.00	34,110,169.00	
Net income attributable to equity holders of the parent company				
Net income attributable to equity holders of the parent company	G1	10	10	
Net income attributable to equity holders of the parent company				
Net income attributable to equity holders of the parent company	F2		28,479,886.00	
Net income attributable to equity holders of the parent company				
Net income attributable to equity holders of the parent company	G2		8	
Net income attributable to equity holders of the parent company				
Net income attributable to equity holders of the parent company	H			
Net income attributable to equity holders of the parent company	I			
Net income attributable to equity holders of the parent company				
Net income attributable to equity holders of the parent company	J			
Net income attributable to equity holders of the parent company	K	12	12	12
Weighted average number of shares outstanding during the period	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
Basic EPS	M=A/L	3.25	1.03	0.11
Basic EPS attributable to equity holders of the parent company	N=C/L	3.21	1.00	0.06

(2) Calculation of diluted EPS

Items	Symbols	Year 2021	Year 2020	Year 2019
Net income attributable to common shareholders	A	3,897,503,525.74	1,164,842,854.12	119,534,808.82
Net income attributable to minority shareholders	B			
Diluted net income attributable to common shareholders	C=A-B	3,897,503,525.74	1,164,842,854.12	119,534,808.82
Number of shares outstanding at the end of the period	D	44,010,814.04	40,864,342.08	51,374,735.22
Diluted number of shares outstanding at the end of the period	E=C-D	3,853,492,711.70	1,123,978,512.04	68,160,073.60
Weighted average number of shares outstanding during the period	F	1,200,963,906.83	1,126,083,202.50	1,078,671,471.00
Weighted average number of shares outstanding during the period (diluted)	G	809,260.34		
Weighted average number of shares outstanding during the period (diluted)	H=F+G	1,201,773,167.17	1,126,083,202.50	1,078,671,471.00
Diluted EPS	M=C/H	3.24	1.03	0.11
Diluted EPS attributable to minority shareholders	N=E/H	3.21	1.00	0.06

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