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Auditor's Report

PCCPAAR [2023] N . 5818

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

I. Audit Opinion

W a a . a a a a . Z a H a C ba . C ., L. . (C a), a . a ba a a . D b 31, 2022, . a . a . a . , . a . a . a . , a . a . a .

2. Responsive audit procedures

O a a :

(1) W b a a a , a , a b x ,
a ;

(2) W a a , a a a
, a a C a A S a a B E ;

(3) W a a a a b ,
, , a a a ab a a
a a ;

(4) F a , a a
b a , a , a , a ,
a a , ; a , b a
a E P a a , a , b a , a b , a
, b a ;

(5) W a a a a a a
b a a a a
ab ;

(6) W a a a a ba a a
a a , a b , b a ,
a , a a a a a ,
a a ; a

(7) W a a a a a b
a a a a a .

(II) Net realizable value of inventories

1. Key audit matters

P a III (XI) a V (I) 8 a a a a

A D b 31, 2022, b ba a a 18,268.46
a , - 576.43 a , a a a
a 17,692.02 a .

A ba a a , a a a ab
a , - a x a ab a a a ba . Ba Ma ' a
a a a a a ba a
a a , a a , , a a ab a
ba a a a a
b , a a x a a ax a
a .

A a ab a Ma a , a ab a

2. Responsive audit procedures

O a ab a :

(1) W b.a a ab a , a , a b x , a ;

(2) W ab a a b Ma a a a a a , a a Ma a .' a a ;

(3) W a ab a b , x a a ax a a b Ma a .;

(4) W a a ab a a b Ma a a ;

(5) W x a a , a ab a ab a b Ma a .; a

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

IV. Other Information

T Ma a b . T a a C a a , b a a .a a a a a .

O a a a a a x a a a .

I , b a , a b.a a , a a a a a a a a a a a b a a a a a a a a a a a

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

T Ma a b a a a

. . O a ba . ar . b. a .
. . a. ar . . H . . a ar .
C a . a . . a a , .

(V) E a a. . a . a. , . a . a a . . ,
a . . a a a. . . . a a . a .
. a a . a. a . a. .

(VI) Ob. a . . a a a. ar . . a . a a. .
. b a . . C a . x a . .
a a . a. . . W a b . , a
a . ar . . W a . b ar . .

W . a. . a . a . a a . a . a ar . ,
. a . a . a . ar . . , a . a . a .
. a. . . ar . .

W a . a . a . a a . a. . a. a . .
. a . a . a . a , a . . a. .
a a. . a . a . a. a a ab b . . b a . .
. , a . a . ab , a. a a a .

F . a. . a. . a . a , . .
a. . a. . a . ar . . a a . a. . . .
a a a . . ar . a. . W b . a. . ar . .

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated balance sheet as at December 31, 2022
(Expressed in Renminbi Yuan)

Assets	*Note No.*	Closing balance	December 31, 2021
C . a . :			
Ca a ba ba a	*1*	15,435,775,480.67	9,769,484,655.14
S . .			
L a . . ba			
H - a a a	*2*	251,991,490.83	332,752,951.53
D a . a a a	*3*	608,711,611.68	
N . ab			
A . ab	*4*	8,036,948,469.35	4,383,773,614.34
R ab a	*5*	2,437,994,963.68	1,319,017,850.74
A a a	*6*	1,634,719,864.00	1,049,734,368.35
P . ab			
R a a ab			
R a ab			
O. ab	*7*	580,628,313.49	235,190,761.21
F a a			
I .	*8*	17,692,022,676.50	9,034,956,960.99
C a			
A a			
N - a a			
O. a	*9*	2,891,137,816.94	866,475,159.52
T a . a		49,569,930,687.14	26,991,386,321.82
N - a . :			
L a a a			
D b.			
O. b.			
L - ab	*10*	486,294,854.29	336,406,346.60
L -	*11*	7,914,624,818.43	3,427,752,883.98
O.	*12*	42,647,182.81	34,552,445.81
O. - a a a	*13*	527,509,366.89	6,573,600.00
I			
F x a	*14*	26,217,069,544.01	12,124,449,718.54
C	*15*	14,281,929,827.36	9,820,436,881.46
P b a			
O & a			
R - a	*16*	122,205,035.22	63,712,856.39
I a b a	*17*	4,066,801,265.80	1,191,817,338.35
D x			
G	*18*	458,415,919.67	460,480,461.08
L - a	*19*	79,311,504.95	98,737,858.92
D ax a	*20*	830,685,916.41	370,773,758.46
O. - a	*21*	5,994,992,788.87	3,061,975,877.53
T a - a		61,022,488,024.71	30,997,670,027.12
T a a		110,592,418,711.85	57,989,056,348.94

L a . : O a H a a

a : a .:

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated balance sheet as at December 31, 2022 (continued)
(Expressed in Renminbi Yuan)

Liabilities & Equity	Note No.	Closing balance	December 31, 2021
C ab :			
S b	22	12,019,822,703.67	8,083,779,844.70
C ba a			
L a ba			
H a ab	23	40,024,798.40	360,612.00
D a a ab	24		104,821,710.25
N a ab	25	10,782,231,308.54	4,810,797,623.12
A a ab	26	14,610,891,201.30	6,233,172,410.76
A a	27	492,117,670.03	644,739,400.90
C a ab	28	2,359,463,860.52	78,968,534.53
F a a ab			
Ab b a ba			
D a a a			
D a			
E b a ab	29	685,740,642.95	477,791,587.03
Tax a a ab	30	542,406,489.43	1,053,002,433.60
O. a ab	31	4,612,710,195.77	1,434,593,185.87
Ha a a ab			
R a a ab			
L ab a			
N - ab a	32	5,757,928,311.87	2,635,957,985.64
O. ab	33	1,546,983,360.95	4,147,523.95
T a ab		53,450,320,543.43	25,562,132,852.35
N - ab :			
I a			
L - b	34	11,927,781,731.79	6,738,260,645.42
B a ab	35	6,323,799,832.42	
I : P a			
P a b			
L a ab	36	57,070,601.81	32,788,255.14
L - a ab	37	5,155,378,248.88	1,061,226,074.03
L - b a ab			
P	38	42,977,538.13	26,769,294.11
D	39	592,727,660.93	518,873,112.92
D ax ab	20	359,884,559.27	148,328,994.62
O. - ab			
T a - ab		24,459,620,173.23	8,526,246,376.24
T a ab		77,909,940,716.66	34,088,379,228.59
E :			
S a a	40	1,599,678,228.00	1,221,228,483.00
O.	41	1,490,112,966.16	
I : P a			
P a b			
Ca a	42	10,398,505,364.59	10,218,296,584.42
L : T a a	43	631,014,574.20	339,232,639.00
O.	44	776,405,562.87	-419,363,343.56
S a	45	27,349,451.51	16,648,561.11
S	46	328,198,605.34	309,732,264.90
G a			
U b	47	11,903,922,527.16	8,376,281,013.68
T a a b ab a a		25,893,158,131.43	19,383,590,924.55
N -		6,789,319,863.76	4,517,086,195.80
T a		32,682,477,995.19	23,900,677,120.35
T a ab &		110,592,418,711.85	57,989,056,348.94

L a a : O a H a a
a : a :

Zhejiang Huayou Cobalt Co., Ltd.
Parent company balance sheet as at December 31, 2022
(Expressed in Renminbi Yuan)

Assets	*Note No.*	Closing balance	December 31, 2021
C a :			
Ca a ba ba a		1,060,380,190.39	1,694,042,366.45
H - a a a a			
D a a a a			
N ab		658,000,000.00	338,000,000.00
A ab	*1*	450,631,045.29	360,607,458.85
R ab a		37,909,033.79	186,875,403.82
A a a		2,477,701,869.00	897,497,170.40
O. ab	*2*	6,009,732,975.91	3,114,862,819.44
I		578,996,170.53	379,710,012.03
C a a			
A a			
N - a a a			
O. a		24,027,205.49	
T a a		11,297,378,490.40	6,971,595,230.99
N - a :			
D b.			
O. b.			
L - ab		354,030,815.35	324,095,320.53
L -	*3*	23,758,296,478.80	13,636,514,032.15
O.		36,894,737.00	29,000,000.00
O. - a a a		6,573,600.00	6,573,600.00
I			
F x a		664,839,623.14	199,313,758.31
C		27,039,469.17	271,762,878.54
P b a			
O & a a			
R - a		31,365,085.85	16,352,766.96
I a b a		35,492,883.22	32,174,400.64
D x			
G			
L - a			

Zhejiang Huayou Cobalt Co., Ltd.
Parent company balance sheet as at December 31, 2022 (continued)
(Expressed in Renminbi Yuan)

Liabilities & Equity	Note No.	Closing balance	December 31, 2021
C ab :			
S b		4,786,038,424.00	2,639,971,647.59
H a a ab		1,403,712.00	
D a a ab			
N a ab		11,280,296.16	410,442,595.35
A a ab		833,373,787.00	421,128,317.38
A a		492,095,800.00	
C a ab		1,124,328,328.88	415,554,178.36
E b a ab		123,503,427.43	81,890,998.78
Tax a a ab		18,438,294.21	151,071,536.68
O a ab		3,989,906,762.99	2,681,855,326.77
L ab a			
N ab a		571,598,176.60	389,561,438.44
O ab		1,430,228,645.44	52,595,430.92
T a ab		13,382,195,654.71	7,244,071,470.27
N ab :			
L b		1,461,760,582.26	1,137,636,001.55
B a ab		6,323,799,832.42	
I : P a			
P a b			
L a ab		21,315,968.37	9,838,354.99
L a ab		208,000,000.01	9,126,129.25
L b a ab			
P			
D		8,870,967.61	9,824,515.54
D ax ab		5,220,284.38	1,360,543.62
O ab			
T ab		8,028,967,635.05	1,167,785,544.95
T ab		21,411,163,289.76	8,411,857,015.22
E :			
S a a		1,599,678,228.00	1,221,228,483.00
O		1,490,112,966.16	
I : P a			
P a b			
Ca a		10,345,832,528.98	9,954,138,998.99
L : T a a		631,014,574.20	339,232,639.00
O		-39,949,268.37	-40,000,000.00
S a			22,627.13
S		328,198,605.34	309,732,264.90
U b		1,900,836,572.14	2,100,926,123.03
T a		14,993,695,058.05	13,206,815,858.05
T a ab &		36,404,858,347.81	21,618,672,873.27

L a a : O a H a a
a : a :

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated income statement for the year ended December 31, 2022 (continued)
(Expressed in Renminbi Yuan)

Items	*Note No.*	Current period cumulative	Preceding period comparative
VI. O.	*16*	1,327,020,424.67	-294,048,690.02
I.		1,198,282,706.43	-273,370,183.73
(I) N		2,513,800.00	-4,103,575.00
1. R			
2. I.			
3. C		2,513,800.00	-4,103,575.00
4. C			
5. O.			
(II) T		1,195,768,906.43	-269,266,608.73
1. I.		147,709,606.08	-40,330,076.10
2. C			
3. P			
4. P			
5. Ca			
6. T		1,048,059,300.35	-228,936,532.63
7. O.			
I.		128,737,718.24	-20,678,506.29
VII. T		7,033,830,906.10	3,729,591,242.16
I.		5,108,163,375.25	3,624,133,342.01
I.		1,925,667,530.85	105,457,900.15
VIII. Ea			
(I) Ba EPS (		2.48	2.49
(II) D EPS (		2.48	2.49

L a : O a H a a :

Zhejiang Huayou Cobalt Co., Ltd.
Parent company income statement for the year ended December 31, 2022
(Expressed in Renminbi Yuan)

Items	*Note No.*	Current period cumulative	Preceding period comparative
I. O a.	*1*	4,775,026,473.57	3,336,415,796.19
L : O a.	*1*	3,304,387,733.40	2,024,129,134.26
Ta x a a		12,935,726.25	8,731,409.47
S x		9,380,765.24	4,350,060.34
A a. x		774,409,229.37	357,922,675.89
R&D x	*2*	186,094,066.65	136,031,825.10
F a a x		582,747,981.36	123,147,032.84
I : I x		599,621,228.08	148,201,610.85
I		31,494,039.48	41,938,422.64
A : O		20,356,617.76	6,518,959.11
I (:)	*3*	313,686,749.45	263,037,586.70
I : I a a. a		-5,144,124.31	-3,406,932.38
Ga a a a. a a		-364,000.00	-7,209,802.76
Ga x			
Ga a a a (:)		-1,403,712.00	8,254,968.09
C a		4,399,124.95	1,557,346.12
A a		-53,078,576.59	-130,024.83
Ga a a (:)		6,059,539.05	
II. O a. (:)		195,090,713.92	961,342,493.48
A : N - a.		1,470,783.44	980,241.49
L : N - a. x		12,807,800.78	6,453,835.66
III. P b ax (: a)		183,753,696.58	955,868,899.31
L : I ax x		-909,707.87	92,876,458.96
IV. N (:)		184,663,404.45	862,992,440.35
(I) N a. (:)		184,663,404.45	862,992,440.35
(II) N a. (:)			
V. O a. ax		50,731.63	-4,103,575.00

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated cash flow statement for the year ended December 31, 2022
(Expressed in Renminbi Yuan)

Items	*Note No.*	Current period cumulative	Preceding period comparative
I. Ca [illegible] :			
Ca [illegible]		59,250,550,743.04	33,881,429,836.01
N [illegible]			
N [illegible]			
N [illegible]			
Ca [illegible]			

Zhejiang Huayou Cobalt Co., Ltd.
Consolidated cash flow statement for the year ended December 31, 2022
(continued)
(Expressed in Renminbi Yuan)

Items	*Note No.*	Current period cumulative	Preceding period comparative
III. Ca			
Ca		1,582,691,238.50	6,596,635,884.32
I : Ca			
		1,169,311,889.50	298,609,257.76
Ca		30,290,869,269.93	14,585,409,166.59
O	*5*	11,777,863,550.41	3,126,476,739.88
Si		43,651,424,058.84	24,308,521,790.79
Ca		10,729,529,235.27	7,061,305,981.48
Ca		1,306,820,515.42	775,505,700.11
I : Ca			
O	*6*	7,913,286,944.09	3,193,246,446.60
Si		19,949,636,694.78	11,030,058,128.19
N		23,701,787,364.06	13,278,463,662.60
IV. E		211,593,968.60	162,720,298.96
V. N		2,471,250,218.84	4,618,913,889.05
Add: O		6,108,393,395.75	1,489,479,506.70
VI. C		8,579,643,614.59	6,108,393,395.75

L : O : H :

Zhejiang Huayou Cobalt Co., Ltd.
Parent company cash flow statement for the year ended December 31, 2022
(Expressed in Renminbi Yuan)

Items	Current period cumulative	Preceding period comparative
I. Ca f a :		
Ca f a	5,498,202,255.38	2,923,758,364.85
R ax	19,051,865.29	820,908.58
O. a a.	84,931,014.76	99,572,443.46
Sb. a a.	5,602,185,135.43	3,024,151,716.89
Ca a a	5,696,334,942.23	2,932,882,430.46
Ca a. b a	339,945,583.54	209,351,045.00
Ca a ax a	257,687,704.02	86,337,100.72
O. a a.	228,958,239.66	183,077,128.98
Sb. a a.	6,522,926,469.45	3,411,647,705.16
N. a f a.	-920,741,334.02	-387,495,988.27
II. Ca f a :		
Ca f a	34,627,200.00	1,016,306,343.53
Ca f	12,244,956.26	279,400,408.01
N. a f a x a , a b a a f	50,278,992.05	16,295,053.73
N. a f a b a & f b		
O. a f a.	2,397,947,287.12	13,147,440.89
Sb. a f a.	2,495,098,435.43	1,325,149,246.16
Ca a f a x a , a b a a f	152,154,569.44	96,189,296.82
Ca f a	10,169,117,691.00	5,876,244,293.92
N. a a f a b a & f b		
O. a a.	4,432,245,186.01	2,710,098,444.61
Sb. a f a.	14,753,517,446.45	8,682,532,035.35
N. a f a	-12,258,419,011.02	-7,357,382,789.19
III. Ca f a :		
Ca f ab b		

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

Items	Current period cumulative												
	Equity attributable to parent company												
	Share capital	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
		Preferred shares	Perpetual bonds	Others									
I. Ba a a . f o a . . .	1,221,228,483.00				10,218,296,584.42	339,232,639.00	-419,363,343.56	16,648,561.11	309,732,264.90		8,376,281,013.68	4,517,086,195.80	23,900,677,120.35
Add: G a a a .													
E . .													
B b a .													
O.													
II. Ba a a b .													
a .	1,221,228,483.00				10,218,296,584.42	339,232,639.00	-419,363,343.56	16,648,561.11	309,732,264.90		8,376,281,013.68	4,517,086,195.80	23,900,677,120.35
III. C . a (:													
a) .	378,449,745.00			1,490,112,966.16	180,208,780.17	291,781,935.20	1,195,768,906.43	10,700,890.40	18,466,340.44		3,527,641,513.48	2,272,233,667.96	8,781,800,874.84
(I) T a .							1,198,282,706.43				3,909,880,668.82	1,925,667,530.85	7,033,830,906.10
(II) Ca a b a b													
.	12,070,010.00			1,490,112,966.16	547,542,262.02	294,197,235.20						338,706,529.66	2,094,234,532.64
1. O a a b . b	12,691,500.00				400,687,849.00	413,379,349.00						1,169,311,889.50	1,169,311,889.50
2. Ca a b . b													
.				1,490,340,831.42									1,490,340,831.42
3. A a-ba a													
					385,245,312.46								385,245,312.46
4. O.	-621,490.00			-227,865.26	-238,390,899.44	-119,182,113.80						-830,605,359.84	-950,663,500.74
(III) P . b .						-2,415,300.00			18,466,340.44		-384,752,955.34		-363,871,314.90
1. A a .									18,466,340.44		-18,466,340.44		
2. A a .													
3. A a .						-2,415,300.00					-366,286,614.90		-363,871,314.90
4. O.													

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

	Current period cumulative												
	Equity attributable to parent company												
		Other equity instruments					Other						
Items	Share capital	Preferred shares	Perpetual bonds	Others	Capital reserve	Less: Treasury shares	comprehensive income	Special reserve	Surplus reserve	General risk reserve	Undistributed profit	Non-controlling interest	Total equity
(IV) I . a a - .	366,379,735.00				-366,379,735.00		-2,513,800.00				2,513,800.00		
1. T a a . a a .	366,379,735.00				-366,379,735.00								
2. T a a .													
3. S .													
4. C a b a a													
a . a a													
5. O. a													
a . a a							-2,513,800.00				2,513,800.00		
6. O.													
(V) S a								10,700,890.40					10,700,890.40
1. C a a a								77,589,560.26					77,589,560.26
2. C								-66,888,669.86					-66,888,669.86
(VI) O.					-953,746.85							7,859,607.45	6,905,860.60
IV. Ba a .	1,599,678,228.00			1,490,112,966.16	10,398,505,364.59	631,014,574.20	776,405,562.87	27,349,451.51	328,198,605.34		11,903,922,527.16	6,789,319,863.76	32,682,477,995.19

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

	Preceding period comparative												
	Equity attributable to parent company												
		Other equity instruments											
Items	Share capital	Preferred shares	Perpetual bonds	Others	Capital reserve	Less: Treasury shares	Other comprehensive income	Special reserve	Surplus reserve	General risk reserve	Undistributed profit	Non-controlling interest	Total equity
I. Ba a . . .	1,141,261,526.00				3,879,698,604.43		-145,993,159.83	16,061,509.89	223,433,020.86		4,807,657,608.58	2,529,685,866.58	12,451,804,976.51
Add: G . . .													
E . . .													
B . . .													
O. . .													
II. Ba a . . .	1,141,261,526.00				3,879,698,604.43		-145,993,159.83	16,061,509.89	223,433,020.86		4,807,657,608.58	2,529,685,866.58	12,451,804,976.51
III. C . . .	79,966,957.00				6,338,597,979.99	339,232,639.00	-273,370,183.73	587,051.22	86,299,244.04		3,568,623,405.10	1,987,400,329.22	11,448,872,143.84
(I) T . . .							-273,370,183.73				3,897,503,525.74	105,457,900.15	3,729,591,242.16
(II) Ca . . .	79,966,957.00				6,338,597,979.99	339,232,639.00						310,295,080.42	6,389,627,378.41
1. O . . .	79,966,957.00				6,214,269,336.14	339,232,639.00							5,955,003,654.14
2. Ca . . .													
3. A . . .					113,786,486.15								113,786,486.15
4. O. . .					10,542,157.70							310,295,080.42	320,837,238.12
(III) P . . .									86,299,244.04		-328,880,120.64		-242,580,876.60
1. A . . .									86,299,244.04		-86,299,244.04		
2. A . . .													
3. A . . .											-242,580,876.60		-242,580,876.60
4. O. . .													

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

	Preceding period comparative												
	Equity attributable to parent company												
		Other equity instruments					Other						
Items	Share capital	Preferred shares	Perpetual bonds	Others	Capital reserve	Less: Treasury shares	comprehensive income	Special reserve	Surplus reserve	General risk reserve	Undistributed profit	Non-controlling interest	Total equity
(IV) I . a a .													
1. T a a . a .													
2. T a . a .													
3. S .													
4. C a b a													
a a													
5. O. a													
a a													
6. O.													
(V) S a								587,051.22					587,051.22
1. C a a								50,659,375.38					50,659,375.38
2. C								-50,072,324.16					-50,072,324.16
(VI) O.												1,571,647,348.65	1,571,647,348.65
IV. Ba a a.	1,221,228,483.00				10,218,296,584.42	339,232,639.00	-419,363,343.56	16,648,561.11	309,732,264.90		8,376,281,013.68	4,517,086,195.80	23,900,677,120.35

L a . a . : O a a : H a a .:

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

Items	Current period cumulative										
		Other equity instruments									
	Share capital	Preferred shares	Perpetual bonds	Others	Capital reserve	Less: Treasury shares	Other comprehensive income	Special reserve	Surplus reserve	Undistributed profit	Total equity
I. Ba a a	1,221,228,483.00				9,954,138,998.99	339,232,639.00	-40,000,000.00	22,627.13	309,732,264.90	2,100,926,123.03	13,206,815,858.05
A G a. a a											
E											
O.											
II. Ba a a b a	1,221,228,483.00				9,954,138,998.99	339,232,639.00	-40,000,000.00	22,627.13	309,732,264.90	2,100,926,123.03	13,206,815,858.05
III. C a (a)	378,449,745.00			1,490,112,966.16	391,693,529.99	291,781,935.20	50,731.63	-22,627.13	18,466,340.44	-200,089,550.89	1,786,879,200.00
(I) T a							50,731.63			184,663,404.45	184,714,136.08
(II) Ca a b a b	12,070,010.00			1,490,112,966.16	759,027,011.84	294,197,235.20					1,967,012,752.80
1. O a a b b	12,691,500.00				400,687,849.00	413,379,349.00					
2. Ca a b b				1,490,340,831.42							1,490,340,831.42
3. A a-ba a					385,245,312.46						385,245,312.46
4. O.	-621,490.00			-227,865.26	-26,906,149.62	-119,182,113.80					91,426,608.92
(III) P b						-2,415,300.00			18,466,340.44	-384,752,955.34	-363,871,314.90
1. A a									18,466,340.44	-18,466,340.44	
2. A a						-2,415,300.00				-366,286,614.90	-363,871,314.90
3. O.											
(IV) I a a-	366,379,735.00				-366,379,735.00						
1. T a a a	366,379,735.00				-366,379,735.00						
2. T a											

3. S5TD[(2.)-345.3(T)35(a)-362.8( )3. S5TD/1.184]TJ22.76140TD(T (O)T 3.45010TD.184]TJ(T)35(a)-362.8(.....C97-1.0455TD[((Ex 3)-362.8(4T (...., a TJ17.30450)]TJ2T [(3.)-3025TD.03 a.)-362.8(1.a 613S5TD/31,31T -4.6045-1.025TD.030)-31,31T (T)35(a)-362.8

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

	Preceding period comparative										
		Other equity instruments					Other comprehensive income				
Items	Share capital	Preferred shares	Perpetual bonds	Others	Capital reserve	Less: Treasury shares		Special reserve	Surplus reserve	Undistributed profit	Total equity
I. Ba a a ol a	1,141,261,526.00				3,619,336,124.36		-35,896,425.00	6,938,266.87	223,433,020.86	1,566,813,803.32	6,521,886,316.41
Add: G a a a											
E ol											
O											
II. Ba a a b a	1,141,261,526.00				3,619,336,124.36		-35,896,425.00	6,938,266.87	223,433,020.86	1,566,813,803.32	6,521,886,316.41
III. C a (a)	79,966,957.00				6,334,802,874.63	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) T a							-4,103,575.00			862,992,440.35	858,888,865.35
(II) Ca a b a b	79,966,957.00				6,334,802,874.63	339,232,639.00					6,075,537,192.63
1. O a a b b	79,966,957.00				6,214,269,336.14	339,232,639.00					5,955,003,654.14
2. Ca a b b											
3. A a-ba a					113,786,486.15						113,786,486.15
4. O					6,747,052.34						6,747,052.34
(III) P b									86,299,244.04	-328,880,120.64	-242,580,876.60
1. A a									86,299,244.04	-86,299,244.04	
2. A a										-242,580,876.60	-242,580,876.60
3. O											
(IV) I a a											
1. Ta a a a a											
2. Ta a a a											
3. S											
4. C a b a a a a											
5. O a a a a											
6. O											
(V) S a								-6,915,639.74			-6,915,639.74
1. C a a a								8,463,599.28			8,463,599.28
2. C								-15,379,239.02			-15,379,239.02
(VI) O											
IV. Ba a a ol	1,221,228,483.00				9,954,138,998.99	339,232,639.00	-40,000,000.00	22,627.13	309,732,264.90	2,100,926,123.03	13,206,815,858.05

L a a : O a a : H a a :

Zhejiang Huayou Cobalt Co., Ltd.
Notes to Financial Statements
For the year ended December 31, 2022

Monetary unit: RMB Yuan

I. Company profile

Zhejiang Huayou Cobalt Co., Ltd. (the Company) was established by Guangxi Nonferrous Metals Group Co., Ltd. (formerly Guangxi Nonferrous Metals Group Co., Ltd.) and Zhejiang Huayou Holding Group Co., Ltd. (now Zhejiang Huayou Holding Group Co., Ltd.

T , x a , H a a ,), H a , I & E x (T , x a ,) C ., L. . (. T , x a , H a ,), G a , x H a , L , I . C ., L. . (. G a , x L ,), H a , I & E x (T , x a ,) C ., L. . (. T , x a , H a ,), H a a I & E x (W ,) C ., L. . (. W , H a a), H b Y , x , N E T , C ., L. . (. H b Y , x ,), S a , a H a , X , M a C ., L. . (. S a , a X ,), G a , x H a , I . a I . C ., L. . (. G a , x H a , I . a I .), a G a , x H a , E . I . Ma a . C ., L. . (. G a , x H a , E . I .), . . b a F a M , SAS (. F a M ,), Q , H a , R , R , T , C ., L. . (. R , R ,), H a , I . a. a R , R , C ., L. . (. H a , I . a. a R ,), H a , A a, I . (. H a , A a), HANARI S.A. (. HANARI C a), H a , R , P. .

II. Preparation basis of the financial statements

(I) Preparation basis

T [illegible]

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

T C [illegible] 12 [illegible]

III. Significant accounting policies and estimates

I [illegible]:

T C [illegible]

(I) Statement of compliance

T [illegible] C [illegible] A [illegible] S.a [illegible] B [illegible] E [illegible] (CASBE), [illegible] C [illegible].

(II) Accounting period

T [illegible] C [illegible] Ja [illegible] 1 D b 31 [illegible] G [illegible]

(III) Operating cycle

T C [illegible] 12 [illegible].

(IV) Functional currency

T [illegible] C [illegible] R b (RMB) Y [illegible], [illegible] H [illegible] K [illegible], H [illegible] S [illegible], CDM C [illegible], MIKAS C [illegible], H [illegible] C [illegible], H [illegible] I [illegible] H [illegible] I [illegible].

(V) Accounting treatments of business combination under and not under common control

1. Accounting treatment of business combination under common control

A [illegible] D [illegible]

[illegible]

2. Accounting treatment of business combination not under common control

[illegible]

(VI) Compilation method of consolidated financial statements

[illegible]

(VII) Classification of joint arrangements and accounting treatment of joint operations

1. [illegible]

2. [illegible]

(1) [illegible];

(2) [illegible];

(3) [illegible];

(4) [illegible]; and

(5) [illegible].

(VIII) Recognition criteria of cash and cash equivalents

[illegible]

(IX) Foreign currency translation

1. Translation of transactions denominated in foreign currency

[illegible]

RMB

2. Translation of financial statements measured in foreign currency

RMB RMB RMB

(X) Financial instruments

1. Classification of financial assets and financial liabilities

(1) (2) ; (3)

(1) (2) (1) (2) (1); (4)

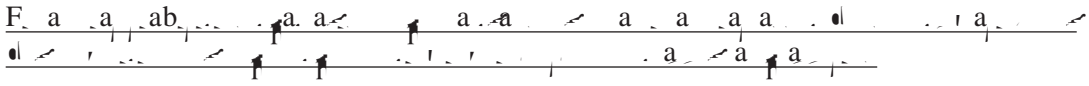
2. Recognition criteria, measurement method and derecognition condition of financial assets and financial liabilities

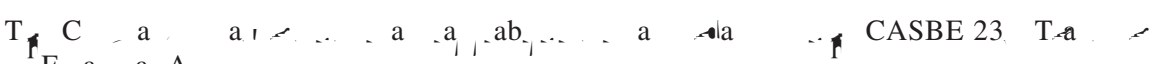
(1)

CASBE 14

(2) S b . ı . a ı . . a a a . .

1) F a a a . . a ı ı a . a . .

2) 


CASBE 23


1) a 2), a

a a a

(2) F a a x a a ba a
x a -a

Items	Basis for determination of portfolio	Method for measuring expected credit loss
O. ab P ab	Na ab	Ba a x a a. a a 12- x a.
O. ab P ba a a. a a		C a a. x x a.
O. ab P ab		
O. ab P ab		
O. ab P a	A	

(3) A ab a a. a x a ba a a

1) S a a x

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

Items	Basis for determination of portfolio	Method for measuring expected credit loss
A ab P ba a a. a a.	Na. ab	Ba a x a. a a. a C a a. x a. x a. a a. a x a.

2) A ab a. ab a. a x a. a. a. a a. a a. a a ab

Ages	Expected credit loss rate (%)
W. 1 a(a.)	5.00
1-2 a	20.00
2-3 a	50.00
O 3 a	100.00

6. Offsetting financial assets and financial liabilities

F a a a a a ab a. a a. ba a a. H C a a a a a a a ab a ba a a, a C a : (1) a a a ab a ; a (2) a ba, a a a a ab a.

F a a a a a a a a. a a, C a a a a a a a a. a ab.

(XI) Inventories

1. Classification of inventories

I a a a a a a a b , a. a , , . . . b a a a a a a a a

[illegible]

4. Inventory system

[illegible]

5. Amortization method of low-value consumables and packages

(1) [illegible]

[illegible]

(2) [illegible]

[illegible]

(XII) Contract costs

[illegible]

[illegible]

[illegible]

1. [illegible]

2. [illegible]

3. [illegible]

[illegible]

[illegible]

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

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

N - . a a a

(2) R a a a

W a b a a a a a - a . a ba a . a , - a b , a a b x . a a . a b a - a . a a a a a . T a a b . A a . a b b a a a . .

W a b a a a a a a a ba a . a , - a b , a a b x . - a . a a . a b a a a a a a . T a a b . T a a - a . a a . a b a b a a . .

F b a a . a b a , a a a ba . a - a . (x) a .

(3) N - a . a a a a a a a

W [illegible]

(2) F [illegible]

W [illegible]

1) I [illegible]

2) I [illegible]

3) L [illegible]

3. Subsequent measurement and recognition method of profit or loss

F [illegible]

4. Disposal of a subsidiary in stages resulting in the Company's loss of control

(1) S.a -a .

T b a , I , C a , a ; C a ' , a , a CASBE 22 F a I : R a M a .

(2) C a .

1) D a a b a a b a a b a C a '

B C a ' , b a a a a b a a (a a), ba a a , a x a a .

W C a , a a . T a a a a a a a a b a b a a a b a a a b a a a C a , a a O. a b a a a C a ' .

2) D a a b a a b a a b a C a '

I a b a a , a a a a a . H , b C a , b a a a a a a a a

2. Depreciation method of different categories of fixed assets

Categories	Depreciation method	Useful life (years)	Residual value proportion	Annual depreciation rate
			(%)	*(%)*
B[illegible]	S[illegible]	10-35	0-10	10.00-2.57
Ma[illegible]	S[illegible]	5-16	0-10	20.00-5.63
T[illegible]	S[illegible]	5-10	0-10	20.00-9.00
O[illegible]	S[illegible]	5-10	0-10	20.00-9.00

(XVI) Construction in progress

1. C[illegible], a[illegible], [illegible]bab[illegible]a[illegible] b[illegible]a[illegible]a[illegible] C[illegible]a[illegible], a[illegible] a b a[illegible]ab[illegible]. C[illegible] a[illegible]a[illegible]a[illegible]a[illegible] a[illegible]a[illegible]ab[illegible].

2. C[illegible]a[illegible]x[illegible]a[illegible]a[illegible]a[illegible] a[illegible]a[illegible]ab[illegible]. W[illegible]a[illegible] a[illegible]a[illegible]a[illegible]ab[illegible], [illegible] a[illegible]x[illegible]a[illegible]a[illegible], a[illegible]a[illegible]a[illegible] a[illegible], b[illegible]a[illegible]a[illegible] b a[illegible].

(XVII) Borrowing costs

1. Recognition principle of borrowing costs capitalization

W[illegible]b[illegible]a[illegible] C[illegible]a b[illegible]a[illegible]ab[illegible]a[illegible] a[illegible] a[illegible]b[illegible]a[illegible]a[illegible], [illegible] a[illegible]a[illegible]a[illegible]a[illegible]; [illegible]b[illegible]a[illegible] a[illegible]x[illegible]ba[illegible]a[illegible]a[illegible], a[illegible]a[illegible].

2. Borrowing costs capitalization period

(1) T[illegible]b[illegible]a[illegible]a[illegible]a[illegible]: 1)[illegible]a[illegible]b[illegible]a[illegible]a[illegible]; 2)[illegible]b[illegible]a[illegible]a[illegible]; a[illegible] 3)[illegible]a[illegible]a[illegible]a[illegible]a[illegible]a[illegible]a[illegible]a[illegible].

(2) S[illegible]a[illegible]a[illegible]: [illegible]a[illegible]a[illegible]a[illegible]ab[illegible]a[illegible]a[illegible][illegible]a[illegible]a[illegible]a 3[illegible], [illegible]a[illegible]a[illegible]b[illegible]; [illegible]b[illegible][illegible]a[illegible]a[illegible]x[illegible], a[illegible]a[illegible], [illegible]a[illegible]a[illegible]a[illegible].

(3) C[illegible]a[illegible]a[illegible]a[illegible]: [illegible]a[illegible]a[illegible]a[illegible]a[illegible]a[illegible], [illegible]a[illegible]a[illegible]a[illegible]b[illegible]a[illegible].

3. Capitalization rate and capitalized amount of borrowing costs

F b x a a a -b - a a a x (a a. ba) a b b a a ba a a. ; a a b a a a a. , C a a a a. a -b - a a a a b b f f a a a. a a. b a a a a. a. b a b f a b b a a. a. a b.

*(XVIII) **Intangible assets***

1. I a b a a, a. a, a, T a a. a b a ba .

2. F a b a a a. a a a a ab , ab . x a a. a. ab , a b a a a b f a f .

M a a a f a a :

Items	Amortization period (years)
La	25-99
S a	2-10
P a	5-20
Pa a a	8-10

3. Ex a a a a a a a a a a. A a b a a a a C a a a a a : (1) a a b a b a a a. b a ab a ; (2) a b a a ; (3) a b a a. bab b , a C a a a. x a a. a b a a b a a a b a a a ; (4) a a ab a a. a a, a a a a a a. a a b a a ; a (5) ab a ab x a a. b ab a b a a .

C a a a a a a a a a a a a a a. a a b a a : a a a a a a a a a a b a a a a a a a a a a a a a a

*(XIX) **Exploration expenditures***

Ex a. x a a x a a a
x a a T x a.
a a a a x a. , a
x a. , . ., x a. x a

2. T a ba b a. x , a a a a.
ba a la.

(XXIV) ***Share-based payment***

1. Types of share-based payment

S a-ba a a - a-ba a a a- a-ba a a .

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

(1) E a-ba a .

F a-ba a a a , a a a a a a a a a a a a a a x , a a a ; a a a a a a a a a , a ba a la. a a a a a a a a ba a b a. a b a a a a a a a x , a a a .

F a-ba a a a a a a , a a a a a a a a a a a a a a

I . f ol a. ~ ol . f a a r . f r a . ol, . f C a
ol . . a . a r . f a. ol a a a a r a ol . r . a r ~ . f a r .
~ r . ol ~ ~ ~ ol a . ol a. ~ . f r . . ~ . f ba ol . f
r a . ol a. a ~ a r f r . ~ ~ ~ r a . ol; . f ol a. ~ ol . f
r b ~ r . ~ ~ ~ r a . ol a , . f a. ~ ol . a r . ol a
a a a. . f a. ~ . f r a .; . f C a ol . f . r ol .
a a ~ a. . f b a . f , . f C a ol . a . f ol ol
. . r ol . a r ..

I . f C a a r a . ol ~ r . ol ~ ~ ol . f . r ~ ol
(. f ~ a . f a. a ol f . r ol . a ~ a. . ol), . f C a
a r . f a a. . a a a f a. . r , a ol . f ~
r . ol a. r . f a r . f a. f ~ r ol f a b ~ r . ol ~
~ ~ ol . f ~ a ol ~ . f r . ~ ol.

(XXV) ***Revenue***

1. Revenue recognition principles

A. a . , . f C a a a . f a a ol a ol . a f
~ a b r a. . f a . , a ol ol . f f f ~ a b r a.
f r ol b a. ol ~ a. a .

T f C a a. a ~ a b r a. . f r . ~ a
. , f , f ~ a b r a. a. ol a. a . : (1) . f
r . ~ a r a ol . f b . ~ ol ol b . f
C a ' ~ a a . f C a ~ ; (2) . f r . a . ~ r ol a
. f a ~ a. ol b . f C a ' ~ a ; (3) r ol a. ol ~ r , f C a '
~ a f a ~ a ab r a ol . f C a f a a ~ ab ~ r . f
a . ~ ~ a . ol. ola. ol ~ r . f f r a . ~ ol.

F a ~ a b r a. a. ol ~ , . f C a a ~ r ~ r
. b a r ~ r . a ol . a. a . f a. ~ a
b r a. . I . f ~ r . a . f a. f ~ r a . b a r ~ ol a ab , b r . f
. . r ~ ol a. . r . f a r . f a ~ ol 9.3(b87.8(98 . ~ ol)-352(.)-324(b)-328(~ . ol,)-
~ a ab a r f ~ r . ~ a 99.28(a. . ol)-99.28 f a. .
C a a , r ~ . r . f f . f a. f
r . . f a b T a. ol
f f . ~ ol, . f C a a ol . f r (1) . f C a
a a . f ~ ol, . f r . ~ .
f r ol; (2) . f C a a a r ol . f r . f r . f r . 394.8,

2. Revenue measurement principle

(1) R a a a

(XXVI) ***Government grants***

1. G [illegible] a b [illegible], a [illegible] a [illegible]: (1) C a [illegible] a [illegible]; (2) [illegible] b [illegible]. M [illegible] a [illegible] ab [illegible]. N- [illegible] a [illegible], a [illegible] b [illegible] a [illegible].

2. Government grants related to assets

G [illegible] a [illegible] C a [illegible], [illegible] a [illegible] [illegible]. I [illegible] a [illegible], [illegible] C a [illegible] ba [illegible] a [illegible] 3 [illegible].

(XXVII) *Contract assets, contract liabilities*

T C a . a . a . ab . ba a . ba
. a. b . a b a. a . a . C .a .
a . a a . ab . a . a a . a a b
. . a . ba .

T C a . a a . (. ., . a a
. . b . a .) a a . ab , a . a .
. a. x a . a . a a . a . . (
a . . a . . a a .) a a . a . .

T C a . a b a. . a . a . .
C a a . a . (a . .) . . a a . .
. ab . .

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

1. D . ax a . . ax ab . a a . a a . ba
. b . a . a . ax ba a . a . ab . (a
. a . a . a . ax ba . . a a .
a . ab . b . . ax ba b . ab . b . a . . ax
a) a a a . ax a . ab . . . .
a . a x . . b . . ab . a x . . b . .

2. A . ax a . . . x . . a . . axab . ,
. b a a a b . . . b
. a . A . ba a . a . a x a . . a .
. bab . a . . . axab . b a a ab a a . . b
. a . a b . . , . ax a . . . . a .
. a . .

3. A . ba a . a . , a . a . . ax a . . . T
a . a . a . ax a . . . x . . a . . .
. bab . a . . . axab . b a a ab . a . b . .
. ax a . . b . . S . b . . . x .
. a . b . bab . a . . . axab . b a a ab .

4. T . ax a . ax . a a . a . a . ax x . .

A a ab a a a a a a a a, C a a a ab a.

(1) R a

T a a a a : 1) a a ab ; 2) a a a a b a , a a ; 3) a a a b ; a 4) a a. b b a a a a, a a b a a a a b a a a .

T C a a a a a a a a. I a ab b a a a a b a a a, C a a a a a a a a. O , C a a a a a a a a

(2) F a

A ab ba a (a a a a), a a T C a a a .

Va ab a a a a

(3) H

1) Fa

a. Ga ( ) a

b. T a x b , a a a a a b . I a ( ) a a a a a a a a XVIII CASBE 22 F a a I : R a M a , a a x b , a a a a b a a a a ; a ( ) C a a a a a a , a a x b , a a a a b a a a a .

W a ( ), a a a a a a a a a a a a a a a ab a a a a a a a a a a a a a a a

(4) T C a a a a . ab . a a a- ba a a a a I . a. C A S. a a B E . N . 16 b M F a N b 30, 2022. S a a a a . C a ' a a a.

IV. Taxes

(I) Main taxes and tax rates

Taxes	Tax bases	Tax rates
Va -a a ax (VAT)	T ax a a. ba a . a a a a . b a .	16%, 13%, 6%
M a ax.	Taxab	3.5%, 10%
H ax.	F ba ax a. a. 1.2% . ba a a a . a a. ; ba ax a. a. 12% a .	1.2%, 12%
U-ba a a a a ax.	T ax a a a	7%, 5%
E a a	T ax a a a	3%
L a a a a	T ax a a a	2%
E ax.	Taxab	P a . ax a. a ab . a ax a

D ax a. a ab . a ax a :

Taxpayers	Income tax rate
T C a , N E Q , T a B&M, C a B&M, J a H a	15%
B H a a , W H a , G a x H a N E , G a x R a.	20%
Tax a a a ab -	25%
O a	S b ax a. a a a.

(II) Tax preferential policies

1. VAT

(1) D

Ma a C a b a H a Q
ax a x , a ax a. 0% a 13%; ad b a H a
I & Ex ax a x a ax a. a 0% 13%.

(2) O a

T ax a. x b a CDM C a , MIKAS C a a
OIM C a 0%. I b VAT a VAT a ab ,
a b a a a VAT a ab .

P a D M F a I a, H a C a , H a
I a, H a I a a H a I a x
a a ax ab .

2. Enterprise income tax

(1) D

P a H E C a b S a
T D a Z a P , Z a P a D a F a
a Z a P a Tax S , S a Taxa A a (STA) D b 1,
2020, C a a a a P a E
I Tax La P R b C a, C a
a ax a a b a a
a. 15% .

P a H E C a b S a
T D a Z a P , Z a P a D a F a
a Z a P a Tax S , STA D b 16, 2021, N E Q
a a P a E I Tax La
P R b C a, N E Q a b a a a. 15%
.

P a H E C a b T a M a
S a T B a, T a F a B a a T a M a Tax
S , STA O b 28, 2020, T a B&M a a
P a E I Tax La P R b C a, T a
B&M ax a a b a a a. 15% .

P a H E C a b S a
T D a J a P , J a P a D a F a
a J a P a Tax S , STA D b 12, 2022, J a H a
a a P a E I Tax La
P R b C a, J a H a a b a a a. 15%
.

P a A C E I Tax P W D (A M F a [2020] N . 23), C B&M a ax a a ar a b a 15%

P a A S.a. Taxa. A a. Ma C I a. P a I Tax P S D S a E M a P a I a -O B (A S.a. Taxa. A a. [2021] N . 8) a A M F a a S.a. Taxa. A a. F I a. I Tax P a P S a E M a P (A M F a a S.a. Taxa. A a. [2022] N . 13), b a B H a , W H a , G a x H a N E , G a x R a. , a a a a ar , 2022, ax axab 1.00 a a 20% ba 12.5% a. , ax axab x 1.00 a b 3.00 a a 20% ba 50% a.

P a N P ' G G a x Z a A R S a P P H O a H -Q a D G a x B b G E Z N E a (G Z Fa [2020] N . 42), b a G a x B&M, a a a ab , a a a a ax I x ax a b a 5 a a a a a a.

(2) O a

P a D M F a I a C P a P E I Tax R a Ex . H a C a , H a C a x a ax a ax b a a a H a C a 15 a ax a a I a a ax 50% 2 a x a. ab x

P a D M F a I a C P a P E I Tax R a Ex . H a I a, H a I a x a ax a ax b a a a H a I a 10 a ax a a I a a ax 50% 2 a x a. ab x

P a D M F a I a C P a P E I Tax R a Ex . H a I a, H a I a x a ax a ax b a a a H a I a 20 a ax a a I a a ax 50% 2 a x a. ab x

3. Import duty

P r a . . . f D M . . . F a I l . a, H r a r C . a . , H r a I l . a, H r a . I l . a a l H r a f a I l . a . f . . . o l . x . . . . . o l a f .

V. Notes to items of consolidated financial statements

(I) Notes to items of the consolidated balance sheet

1. Cash and bank balances

(1) D . a .

Items	Closing balance	Opening balance
Ca f a l	25,777,978.79	30,717,041.97
Ca f . ba	8,030,335,929.04	6,028,851,637.85
O. f . a a l ba ba a	7,379,661,572.84	3,709,915,975.32
T . a	15,435,775,480.67	9,769,484,655.14
I r l r : D . . . l . a	2,819,262,572.40	1,749,990,024.72

(2) O. f . a .

A . f ba a f . l a . , . f . a f a l ba ba a . . r l l . . . ba a . a 5,143,202,945.20 r a , l . . . . . l . 671,072,012.66 r a , l . . . . . r a a . 12,603,250.00 r a , l . . . b . . r 865,659,311.06 r a , l . . . a l x a r . . . 111,232,263.43 r a , l . . . l . . . . 522,872,531.61 r a , l . . . . . a . a . a . . . 39,879,493.01 r a a l . f l . . . 13,139,765.87 r a .

2. Held-for-trading financial assets

Items	Closing balance	Opening balance
F . a . a . . a . . l a . a . a . a r . f r r f	251,991,490.83	332,752,951.53
I r l r : S . . . ba . a . a . . l	202,612,876.71	300,239,589.04
D . a . . a . a	49,378,614.12	32,513,362.49
T . a	251,991,490.83	332,752,951.53

3. Derivative financial assets

(1) D . a .

Items	Closing balance	Opening balance
H l r r . a	608,711,611.68	
T . a	608,711,611.68	

(2) O. f . a .

H l r r . a . . . . . 1,451,539,207.69 r a a l . . . a r . . a . a r 842,827,596.01 r a . r r . a . f l b . f C . a . .

4. Accounts receivable

(1) D .a

1) D .a a.

	Closing balance				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion	Carrying amount
				(%)	
R ab a	5,628,944.86	0.07	5,628,944.86	100.00	
R ab a	8,477,138,974.28	99.93	440,190,504.93	5.19	8,036,948,469.35
T .a	8,482,767,919.14	100.00	445,819,449.79	5.26	8,036,948,469.35

(C)

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

2) A ab a a

Debtors	Book balance	Provision for bad debts	Provision proportion	Reasons
			(%)	
S K P T C ., L.	4,724,396.86	4,724,396.86	100.00	T ba a a
O.	904,548.00	904,548.00	100.00	b. a.
S b. .a	5,628,944.86	5,628,944.86	100.00	

3) A ab a a ba a a

	Closing balance		
Ages	Book balance	Provision for bad debts	Provision proportion
			(%)
W 1 a	8,453,387,822.09	422,669,391.10	5.00
1-2 a	7,652,233.38	1,530,446.68	20.00
2-3 a	216,503.32	108,251.66	50.00
O 3 a	15,882,415.49	15,882,415.49	100.00
S b. .a	8,477,138,974.28	440,190,504.93	5.19

(2) A a a

Ages	Closing book balance
W 1 a	8,453,890,322.09
1-2 a	7,652,233.38
2-3 a	1,302,003.32
O 3 a	19,923,360.35
T a	8,482,767,919.14

(3) C a ba b.

1) D a

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others [Note]	Reversal	rite-off	Others [Note]	
R ab ba b. a a a ba	25,238,344.58	502,500.00				20,111,899.72		5,628,944.86
R ab ba b. a a ba	244,107,681.70	196,105,511.77	200,824.70	8,935.09	195,580.00		36,868.33	440,190,504.93
T a	269,346,026.28	196,608,011.77	200,824.70	8,935.09	20,307,479.72		36,868.33	445,819,449.79

Note: O a a ba b. a a la.

(4) A ab

1) A ab a a 20,307,479.72 a.

2) S a a ab

Debtors	Nature of receivables	Amount written off	Reasons for write-off	rite-off procedures performed	hether arising from related party transactions

(5) D .a .f 5 b. a .f a . ba a

C ba a 5 b. .a 4,582,864,366.19 a , a 54.03% .f .a ba a a ab , a ba b. a .f .a 229,143,218.31 a .

5. Receivables financing

(1) D .a

Items	Closing balance		Opening balance	
	Carrying amount	Accumulated provision for credit impairment	Carrying amount	Accumulated provision for credit impairment
Ba a .a	2,437,994,963.68		1,319,017,850.74	
T .a	2,437,994,963.68		1,319,017,850.74	

(2) N ab a .f .

(3) P a. .f ba a .f la.

Items	Closing balance of pledged notes
Ba a .a	1,058,742,915.84
Sb. .a	1,058,742,915.84

(4) E b. a. .f ba a .f la.

Items	Closing balance derecognized
Ba a .a	13,879,870,204.22
Sb. .a	13,879,870,204.22

D a. .f a. .f a ba a .a a ba , .f .f .f b. a ab .f .f . Ba .f a., C a .f .f .f ba a .a . H , a ba a .a ab , C a .f ab a .a , a .f C a C a I . La .

6. Advances paid

(1) A a a

1) D .a

Ages	Closing balance				Opening balance			
	Book balance	% to total	Provision for impairment	Carrying amount	Book balance	% to total	Provision for impairment	Carrying amount
W. 1 a.	1,506,407,435.76	90.38		1,506,407,435.76	1,011,867,650.20	93.53		1,011,867,650.20
1-2 a.	122,511,677.38	7.35		122,511,677.38	18,733,104.04	1.73		18,733,104.04
2-3 a.	3,100,030.75	0.19		3,100,030.75	10,877,990.36	1.01		10,877,990.36
O 3 a.	34,767,342.62	2.08	32,066,622.51	2,700,720.11	40,322,246.26	3.73	32,066,622.51	8,255,623.75
T .a	1,666,786,486.51	100.00	32,066,622.51	1,634,719,864.00	1,081,800,990.86	100.00	32,066,622.51	1,049,734,368.35

2) S.

Items	Closing balance	Reasons for unsettlement
B. M. C.	111,433,645.96	Pa. a. a. T. a. a. a.
Sb. a	111,433,645.96	

3) F. ba. a. Pa. a S. -S. a. O. T. C., L. a. K. a C. M. P., . b. a. x. b. a. ab. a. ba. a. x. b. ab. T., C. a. a. a. 32,066,622.51 a.

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

C. ba. a. 5 b. a. 627,410,800.36 a, a. 37.64% a. ba. a. a. a.

7. Other receivables

(1) D. a.

Items	Closing balance	Opening balance
D. ab.	163,980,830.12	
O. ab.	416,647,483.37	235,190,761.21
T. a.	580,628,313.49	235,190,761.21

(2) D. ab.

Items	Closing balance	Opening balance
L. N E. Ma. a. (W. x.) C., L. (. L. C. a.)	163,980,830.12	
Sb. a	163,980,830.12	

A. a. a. a. a. C. a. a. ab.

(3) O. ab.

1) D. a.

a. D. a. a.

	Closing balance				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
R. ab. a. a. ba.	3,917,282.59	0.83	3,917,282.59	100.00	
R. ab. a. a. ba.	470,117,552.45	99.17	53,470,069.08	11.37	416,647,483.37
T. a.	474,034,835.04	100.00	57,387,351.67	12.11	416,647,483.37

(C ... ...)

Categories	Opening balance				
	Book balance		Provision for bad debts		
	Amount	% to total	Amount	Provision proportion (%)	Carrying amount
R ... ab ... a ... a ba ...	3,917,282.59	1.40	3,917,282.59	100.00	
R ... ab ... a ... ba ...	275,267,441.02	98.60	40,076,679.81	14.56	235,190,761.21
T ...a ...	279,184,723.61	100.00	43,993,962.40	15.76	235,190,761.21

b. O... ab ... a ... a ba ...

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

. O... ab ... ba... b... a... a ... ba ...

Debtors	Nature of receivables	Book balance	Ages	Proportion to the total balance of other receivables	Provision for bad debts
				(%)	
SINO IC L a . r C ., L d	S r . d . .	12,000,000.00	W . 1 a 6,600,000.00 r a ; 1-2 a : 5,400,000.00 r a	2.53	1,410,000.00
S b . a		340,931,678.48		71.93	18,575,000.00

8. *Inventories*

(1) D . a

Items	Closing balance [Note]			Opening balance		
	Book balance	Provision for write-down	Carrying amount	Book balance	Provision for write-down	Carrying amount
Ra a . a	9,474,980,852.67	208,141,643.64	9,266,839,209.03	4,502,475,893.36	2,930,164.38	4,499,545,728.98
W	3,393,242,911.46	42,687,233.53	3,350,555,677.93	1,999,451,448.20	1,658,601.67	1,997,792,846.53
G d a d	4,828,740,835.73	321,960,882.29	4,506,779,953.44	2,541,388,791.33	47,031,014.69	2,494,357,776.64
Ma a	571,492,339.50	3,644,503.40	567,847,836.10	43,260,608.84		43,260,608.84
T a	18,268,456,939.36	576,434,262.86	17,692,022,676.50	9,086,576,741.73	51,619,780.74	9,034,956,960.99

Note: C . . ba a . . . a . . a . . a . . a . . . d . . . 698,873,451.32 r a .
P a . . . IX (II) . . . a . . a . . . a . . . .

(2) P . . . . . -d

1) D . a .

Items	Opening balance	Increase		Decrease		Closing balance
		Accrual	Others	Reversal or write-off	Others	
Ra a . a	2,930,164.38	220,344,768.29		15,133,289.03		208,141,643.64
W	1,658,601.67	106,358,056.28		65,329,424.42		42,687,233.53
G d a d						

9. Other current assets

Items	Closing balance			Opening balance		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
I . VAT . b						
	2,721,895,467.94		2,721,895,467.94	861,711,599.53		861,711,599.53
P a						
.ax	169,242,349.00		169,242,349.00	4,763,559.99		4,763,559.99
T .a	2,891,137,816.94		2,891,137,816.94	866,475,159.52		866,475,159.52

10. Long-term receivables

(1) D .a

Items	Closing balance			Opening balance			Discount rate range
	Book balance	Provision for bad debts	Carrying amount	Book balance	Provision for bad debts	Carrying amount	
La S I b							
C	1,229,077.79		1,229,077.79	1,125,151.66		1,125,151.66	N/A
La S -C a D							
M S. A. (SGM)	40,967,866.58		40,967,866.58	37,503,780.11		37,503,780.11	N/A
G a	2,048,462.98		2,048,462.98	1,875,252.76		1,875,252.76	N/A
La P L a aba	15,760,397.55		15,760,397.55	14,427,758.47		14,427,758.47	N/A
I a W ia Ba I a							
Pa C ., L . (IWIP							
C a)	193,476,588.00		193,476,588.00	177,116,946.00		177,116,946.00	N/A
V I . L							
(V)	113,996,572.80		113,996,572.80	104,357,457.60		104,357,457.60	N/A
PT. P a P a M a							
(PPM C a)	118,815,888.59		118,815,888.59				N/A
T .a	486,294,854.29		486,294,854.29	336,406,346.60		336,406,346.60	

(2) O. a

1) G a , La S I b C , SGM

P a A E ab J V a C a , G a , La S I b C , C a Ra a G (H K) L , C a Ra a R D . C ., L ., S C a. L , S Ha b C ., L . a C a M a a G C a. S b 2008 a . C a. E A . a C a , C a Ra a (H K) E L a S R L O . b 23, 2013, . C a . a b USD294,125.00 (a . 2,048,462.98 a a x a a. a a. D b 31, 2022) a USD176,475.00 (a . 1,229,077.79 a a a. D b 31, 2022) . G a a La S I b C . b SGM, a b USD5,882,300.00 (a . 40,967,866.58 a a x a a. a a. D b 31, 2022) . SGM. G a a La S I b C a . b . b SGM, a SGM a . b a a .

2) La P[illegible] L[illegible]aba

P[illegible]a[illegible] P[illegible]-[illegible]a[illegible] A[illegible] R[illegible]a[illegible] E[illegible] L[illegible]a R a[illegible]a[illegible] C[illegible] C[illegible]a[illegible] b[illegible] CDM C[illegible]a[illegible]a[illegible] La P[illegible] L[illegible]aba[illegible] S[illegible] b 2017 a[illegible] Ma 2018, [illegible] CDM C[illegible]a[illegible] b[illegible] USD4.00 [illegible] La P[illegible] L[illegible]aba[illegible]a[illegible] La P[illegible] L[illegible]aba[illegible] a[illegible] b[illegible] a[illegible] A D b 31, 2022, [illegible] CDM C[illegible]a[illegible]a[illegible] USD2,262,929.32 ([illegible] 15,760,397.55 [illegible] x[illegible]a[illegible]a[illegible] D b 31, 2022).

3) IWIP C[illegible]a[illegible]

P[illegible]a[illegible] S[illegible]a[illegible] L[illegible]a A[illegible] b[illegible] Ha[illegible]a[illegible] I[illegible]a[illegible] IWIP C[illegible]a[illegible] 2019, Ha[illegible]a[illegible] I[illegible]a[illegible] IWIP C[illegible]a[illegible] USD27,780,000.00. IWIP C[illegible]a[illegible] ([illegible] 193,476,588.00 [illegible] x[illegible]a[illegible]a[illegible] D b 31, 2022). S[illegible]

4) V[illegible]

P[illegible]a[illegible] S[illegible]a A[illegible] [illegible] Ha[illegible] M[illegible] H[illegible] K[illegible], N[illegible] L[illegible], Z[illegible] G[illegible] H[illegible] K[illegible] C[illegible] I[illegible] C., L., B[illegible] (C[illegible]a) R[illegible] T[illegible] C., L. Y[illegible] T[illegible] C., L. 2019, Ha[illegible] M[illegible] H[illegible] K[illegible], V[illegible], USD16,368,000.00 ([illegible] 113,996,572.80 [illegible] x[illegible]a[illegible]a[illegible] D b 31, 2022). V[illegible] S[illegible]

5) PPM C[illegible]a[illegible]

P[illegible]a[illegible] PPM L a A[illegible] b[illegible] Ha[illegible]a[illegible] I[illegible]a[illegible] PPM C[illegible]a[illegible], PT. Ha[illegible]a L[illegible] N[illegible]a[illegible]a (HLN C[illegible]a[illegible]), Ha[illegible] I[illegible]a[illegible] IDR267,001,996,830 ([illegible] 118,815,888.59 [illegible] x[illegible]a[illegible]a[illegible] D b 31, 2022). PPM C[illegible]a[illegible] PPM C[illegible]a[illegible] b[illegible] HLN C[illegible]a[illegible] PPM C[illegible]a[illegible] b[illegible] b HLN C[illegible]a[illegible] HLN C[illegible]a[illegible]

A[illegible] b[illegible] ab[illegible] ab[illegible]

11. Long-term equity investments

(1) Ca[illegible]

	Closing balance			Opening balance		
Items	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
I[illegible]a[illegible]	7,913,510,635.32	4,640,501.42	7,908,870,133.90	3,426,087,640.29	4,640,501.42	3,421,447,138.87
I[illegible]	5,754,684.53		5,754,684.53	6,305,745.11		6,305,745.11
T[illegible]a	7,919,265,319.85	4,640,501.42	7,914,624,818.43	3,432,393,385.40	4,640,501.42	3,427,752,883.98

(2) D .a

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
J					
PT. A a H a E . a S . . (. A a H a .)	6,305,745.11			-528,384.54	-22,676.04
S b. . a	6,305,745.11			-528,384.54	-22,676.04
A . a.					
N . . T . L. . (. N . T . .) . . .	923,679,885.96			702,445,825.17	106,187,327.88
Q M. W N E V T C., L. (. M. W .)					
Na Ha N E I . . Pa (LP) (. Ha N E .)					
AVZ M. a L. . (. AVZ C a .)	66,692,163.38			-5,772,518.56	578,543.87
Z a Pha a N E Ma. a C., L. (. Pha a C a .)	125,720,419.65	273,830,000.00		44,456,316.78	
L C a	1,136,175,248.78			819,107,204.25	
R I . . C a L. . (. R C a .)	9,997,989.00			-4,975.22	7,129.67
V	142,804,299.07			24,577,685.90	13,708,725.61
IWIP C a	189,316,474.26			85,804,317.68	20,698,583.56
PT. H a P I . a (. I . a H a .)					
Q A E . I . . Pa (LP) (. Q A .)	598,430,946.19			-4,312,884.44	
POSCO-HY C a M a C., L. (. PHC C a .)	222,308,170.44			-11,240,706.87	6,559,274.74
S P . a T C., L. (. S P . a .) . .	4,552,737.31		2,737,961.61	-314,775.70	
PT. H a N C ba (. H a I . a .)	1,768,804.83			-1,761,501.62	-7,303.21
H a Ya N E C., L. (a H a Ya N Ma. a C., L.) (. H a Ya .)		120,000,000.00		11,053,666.21	
H b X N E T C., L. (. H b X .)		24,500,000.00	23,342,636.19	-1,157,363.81	
G a x T L- N E Ma. a I . . Ma a C (LP) (. G a x T L- I . . Ma a C .)		710,488,575.00		-1,733,821.53	
G a x T L- N Ma. a I D . . F d Pa (LP) (. G a x T L- I F d .) . . .		660,800,000.00		-2,809,341.58	

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
Q[illegible] X[illegible] a E[illegible] I[illegible] P[illegible] (LP) ([illegible] Q[illegible] X[illegible] a)		1,189,000,000.00		-6,164,904.72	
Z[illegible] a[illegible] P[illegible] I[illegible] H[illegible] a[illegible] I[illegible] E[illegible] C., L[illegible] ([illegible] Z[illegible] a[illegible] P[illegible] I[illegible])		1,800,000.00			
T[illegible] x[illegible] a[illegible] L[illegible] T[illegible] E[illegible] I[illegible] P[illegible] (LP) ([illegible] T[illegible] x[illegible] a[illegible] L[illegible] T[illegible])				-19,474.44	
Sub-total	3,421,447,138.87	2,980,418,575.00	26,080,597.80	1,652,152,747.50	147,732,282.12
Total	3,427,752,883.98	2,980,418,575.00	26,080,597.80	1,651,624,362.96	147,709,606.08

(Continued)

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[illegible]						
A[illegible] a H[illegible]					5,754,684.53	
Sub-total					5,754,684.53	
A[illegible]						
N[illegible] T[illegible]		100,365,434.82			1,631,947,604.19	
M[illegible] W[illegible]						1,161,307.33
Ha[illegible] N[illegible] E[illegible]						
AVZ C[illegible] a					61,498,188.69	
P[illegible] a C[illegible] a					444,006,736.43	
L[illegible] C[illegible] a		163,980,830.12			1,791,301,622.91	
R[illegible] C[illegible] a					10,000,143.45	
V[illegible]					181,090,710.58	
IWIP C[illegible] a					295,819,375.50	
I[illegible] a H[illegible] a						3,479,194.09
Q[illegible] A[illegible]					594,118,061.75	
PHC C[illegible] a					217,626,738.31	
S[illegible] P[illegible] a				-1,500,000.00 [N.]		
H[illegible] a I[illegible] a						
H[illegible] a Ya[illegible]	-953,746.85				130,099,919.36	
H[illegible] b X[illegible]						
G[illegible] a[illegible] T[illegible] L[illegible] I[illegible] Ma[illegible] C[illegible]					708,754,753.47	
G[illegible] a[illegible] T[illegible] L[illegible] I[illegible] F[illegible]					657,990,658.42	
Q[illegible] X[illegible] a					1,182,835,095.28	
Z[illegible] a[illegible] P[illegible] I[illegible]					1,800,000.00	
T[illegible] x[illegible] a[illegible] L[illegible] T[illegible]					-19,474.44	
Sub-total	-953,746.85	264,346,264.94		-1,500,000.00	7,908,870,133.90	4,640,501.42
Total	-953,746.85	264,346,264.94		-1,500,000.00	7,914,624,818.43	4,640,501.42

Note: A[illegible] b[illegible] a[illegible] J[illegible] a[illegible] H[illegible] a[illegible] [illegible] a[illegible] a[illegible] a[illegible] [illegible] S[illegible] P[illegible] a[illegible] a[illegible] 10.00% [illegible] C[illegible] a[illegible] a[illegible] S[illegible] P[illegible] a[illegible] [illegible] a[illegible] a[illegible] a[illegible] [illegible].

12. Other equity instrument investments

(1) D .a

Items	Closing balance	Opening balance	Dividend income	Accumulated amount of gains or losses transferred from other comprehensive income to retained earnings	
				Amount	Reasons
B Sa R R a I C., L. (B Sa). . .		1,550,000.00		2,513,800.00	E a
I M a S N Ma a T C., L. (I M a S). . .	36,894,737.00	29,000,000.00			
HANAQ C a	4,002,445.81	4,002,445.81			
S P a.	1,750,000.00				
T a	42,647,182.81	34,552,445.81		2,513,800.00	

(2) R a a a

14. Fixed assets

(1) D .a

Items	Buildings and structures	Machinery	Transport facilities	Other equipment	Total
C .					
O . ba a	5,384,618,800.50	9,668,703,108.81	337,973,625.73	424,401,887.41	15,815,697,422.45
I a	4,097,414,617.67	11,342,822,997.74	429,970,702.33	229,886,369.77	16,100,094,687.51
1) A					

A [illegible] C [illegible]
b [illegible]

(4) F [illegible]

Items	Carrying amount	Reasons for unsettlement
B [illegible]	1,463,072,992.15	I [illegible]
S b [illegible]	1,463,072,992.15	

15. Construction in progress

(1) D [illegible]

Items	Closing balance	Opening balance
C [illegible]	13,979,069,175.94	9,107,231,788.43
C [illegible]	302,860,651.42	713,205,093.03
T [illegible]	14,281,929,827.36	9,820,436,881.46

(2) C [illegible]

1) D [illegible]

Items	Closing balance			Opening balance		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
C [illegible] C ba [illegible] N N Ma [illegible] R [illegible] I [illegible]				183,077,163.04		183,077,163.04
C [illegible] H a T I a C [illegible]	149,940,716.33		149,940,716.33	105,518,876.90		105,518,876.90
H [illegible] ba [illegible] 30,000 ([illegible])	47,462,104.45		47,462,104.45	404,971,085.98		404,971,085.98
H [illegible] ba [illegible] 50,000 ([illegible])				251,206,988.70		251,206,988.70
T [illegible] ba [illegible] 50,000	186,281,892.04		186,281,892.04	755,812,376.99		755,812,376.99
T [illegible] ba [illegible] 50,000	404,521,976.55		404,521,976.55	101,095,586.82		101,095,586.82

Items	Closing balance			Opening balance		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
N ba 60,000 ( ).	161,760,780.98		161,760,780.98	5,428,143,914.13		5,428,143,914.13
N a ba 30,000 .	346,877,601.80		346,877,601.80	75,436,129.06		75,436,129.06
H a. a 45,000 . ( ).				997,080,941.89		997,080,941.89
H ba a a				428,453,373.36		428,453,373.36
C H a H a R a I .	3,107,655.71		3,107,655.71	120,658,315.19		120,658,315.19
H a 100,000 . (.a)	441,785,175.04		441,785,175.04			
S a	671,963,139.21		671,963,139.21			
I a. a a. a a a a 50,000 . a. a a 100,000 . f ba.	2,441,012,072.20		2,441,012,072.20			
T a. f a a. 3C a. a a. a a 50,000 .	494,291,226.52		494,291,226.52			
N ba 120,000 . ( ).	6,971,754,708.66		6,971,754,708.66			
A a a. a Z. bab a a 4.50	675,020,301.35		675,020,301.35			
O. a	983,289,825.10		983,289,825.10	255,777,036.37		255,777,036.37
S b. a	13,979,069,175.94		13,979,069,175.94	9,107,231,788.43		9,107,231,788.43

2) C a

Projects	Budgets	Opening balance	Increase [Note]	Transferred to fixed assets	Other decreases	Closing balance
	(0'000)					
C C ba a N N Ma a R a I	28,739.25	183,077,163.04	98,053,350.16	281,130,513.20		
C H a T I a. C	40,152.00	105,518,876.90	50,186,145.56	5,764,306.13		149,940,716.33
H ba a a 30,000 (a)	80,086.00	404,971,085.98	232,869,091.80	590,378,073.33		47,462,104.45
H ba a a 50,000 (a)	79,455.71	251,206,988.70	299,191,179.60	550,398,168.30		
T a a ba a a 50,000	135,306.61	755,812,376.99	358,995,983.34	928,526,468.29		186,281,892.04
T a a a ba a a 50,000	124,479.00	101,095,586.82	676,069,823.93	372,643,434.20		404,521,976.55
N ba a a 60,000 ( )	USD124,739.10	5,428,143,914.13	1,487,458,413.93	6,753,841,547.08		161,760,780.98
N a a ba a a a 30,000	98,226.00	75,436,129.06	695,527,026.21	424,085,553.47		346,877,601.80
H a. a a 45,000 ( )	USD48,943.00	997,080,941.89	1,683,230,256.45	2,680,311,198.34		

Projects	Budgets	Opening balance	Increase [Note]	Transferred to fixed assets	Other decreases	Closing balance
	(0'000)					
S	USD20,910.00		671,963,139.21			671,963,139.21
I 50,000 100,000 ba	561,777.00	6,684,556.24	2,434,327,515.96			2,441,012,072.20
T 3C 50,000	283,292.00		560,850,545.70	66,559,319.18		494,291,226.52
N 120,000 ( )	USD198,267.30		6,971,754,708.66			6,971,754,708.66
A Z 4.50	USD24,778.22		675,020,301.35			675,020,301.35
Sb		8,858,139,308.30	18,055,530,002.26	13,917,889,959.72		12,995,779,350.84

(C)

Projects	Accumulated input to budget	Completion percentage	Accumulated amount of borrowing cost capitalization			

Projects	Accumulated input to					

Projects	Accumulated input to budget	Completion percentage	Accumulated amount of borrowing cost capitalization	Amount of borrowing cost capitalization in the current period	Annual capitalization rate	Fund source
	(%)	(%)			(%)	
T[illegible]	19.80	20.00	4,875,544.61	4,875,544.61	4.69	[illegible]
50,000						
N[illegible]	52.72	60.00	267,799,392.79	267,799,392.79	4.74	[illegible]
120,000						
[illegible]	40.84	41.00				O[illegible]
4.50						
Subtotal			702,436,118.89	521,925,249.47		

Note: [illegible] 765,447,655.06 [illegible] 689,089,440.07 [illegible]

(3) [illegible]

Items	Closing balance	Opening balance
[illegible]	302,860,651.42	713,205,093.03
Subtotal	302,860,651.42	713,205,093.03

16. Right-of-use assets

Items	Buildings and structures	Transport facilities	Total
Cost			
Opening balance	67,345,703.86	18,265,807.02	85,611,510.88
Increase	99,788,094.63		99,788,094.63
1) Lease	99,351,796.99		99,351,796.99
2) Transfer	436,297.64		436,297.64
Decrease			
Closing balance	167,133,798.49	18,265,807.02	185,399,605.51
Accumulated depreciation			
Opening balance	17,332,202.74	4,566,451.75	21,898,654.49
Increase	36,729,464.04	4,566,451.76	41,295,915.80
1) Accrual	36,717,320.94	4,566,451.76	41,283,772.70
2) Transfer	12,143.10		12,143.10
Decrease			
Closing balance	54,061,666.78	9,132,903.51	63,194,570.29
Provision			
Opening balance			
Increase			
Decrease			
Closing balance			
Carrying amount			
Closing balance	113,072,131.71	9,132,903.51	122,205,035.22
Opening balance	50,013,501.12	13,699,355.27	63,712,856.39

17. Intangible assets

(1) Details

Items	Land use right	Software	Mining right	Patent right and software copyright	Pollution discharging right	Total
Cost						
Opening balance	739,545,824.88	57,911,060.31	470,315,468.70	267,375,199.35	20,636,200.82	1,555,783,754.06
Increase	114,841,425.90	11,060,771.83	2,879,944,599.27		4,135,142.00	3,009,981,939.00
1) Acquisition	98,287,279.40	9,057,623.65			4,135,142.00	111,480,045.05
			2,677,232,468.22			
2) Business combination		1,672,943.84	[Note]			2,678,905,412.06
3) Transfer from construction in progress	16,554,146.50	330,204.34	202,712,131.05			219,596,481.89
Decrease						
Closing balance	854,387,250.78	68,971,832.14	3,350,260,067.97	267,375,199.35	24,771,342.82	4,565,765,693.06
Accumulated amortization						
Opening balance	68,757,184.47	15,576,149.52	253,380,973.26	16,449,784.63	9,802,323.83	363,966,415.71
Increase	21,586,708.82	6,205,186.67	76,266,470.61	26,769,543.74	4,170,101.71	134,998,011.55
1) Accrual	19,327,681.24	5,873,224.44	50,627,670.54	26,769,543.74	4,170,101.71	106,768,221.67
2) Business combination		232,199.87				232,199.87
3) Transfer from construction in progress	2,259,027.58	99,762.36	25,638,800.07			27,997,590.01
Decrease						
Closing balance	90,343,893.29	21,781,336.19	329,647,443.87	43,219,328.37	13,972,425.54	498,964,427.26
Carrying amount						
Closing balance	764,043,357.49	47,190,495.95	3,020,612,624.10	224,155,870.98	10,798,917.28	4,066,801,265.80
Opening balance	670,788,640.41	42,334,910.79	216,934,495.44	250,925,414.72	10,833,876.99	1,191,817,338.35

Note: Increase in mining right for the current period was mainly due to business combination of Pengxin Liansu.

(2) Land use rights or buildings failed to complete property certificate formalities

Items	Carrying amount	Reasons for unsettlement
Land use rights of Huaxi Cement, Huaxi Industrial, Guangxi Liuzhou Qunfeng Huaxi Engineering Plastic	171,763,180.51	Incomplete procedures
Subtotal	171,763,180.51	

18. Goodwill

(1) Details

Investees or events resulting in goodwill	Closing balance			Opening balance		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
Huaxin New Energy	95,136,198.86		95,136,198.86	95,136,198.86		95,136,198.86
Tianjin B&M	366,245,456.38	2,965,735.57	363,279,720.81	366,245,456.38	901,194.16	365,344,262.22
Total	461,381,655.24	2,965,735.57	458,415,919.67	461,381,655.24	901,194.16	460,480,461.08

(2) Changes

Investees or events resulting in goodwill	Opening balance	Due to business combination in the current period	Decrease		Closing balance
			Disposal	Others	
Huaxin New Energy	95,136,198.86				95,136,198.86

Investees or events resulting in goodwill	Opening balance	Due to business combination in the current period	Decrease		Closing balance
			Disposal	Others	
T.a . B&M	366,245,456.38				366,245,456.38
T .a	461,381,655.24				461,381,655.24

(3) P a .

Investees or events resulting in goodwill	Opening balance	Increase		Decrease		Closing balance
		Accrual	Others	Disposal	Others	
T.a . B&M	901,194.16	2,064,541.41				2,965,735.57
T .a	901,194.16	2,064,541.41				2,965,735.57

G T.a . B&M : 1) . 336,004,594.11 a ; a 2) . 30,240,862.27 a a . ax ab . F a. a . a . a ba a a . ax ab .

(4) I a .

1) H a a N E

a. R a. a. a a a a .

Composition of asset group or asset group portfolios	Relevant asset group of Huahai New Energy
Ca a a	2,068,232,171.68
Ca a a . a a. a	95,136,198.86
Ca a a . a a	2,163,368,370.54
W a a . a a . a . . . a. a a. a. a a	Y

b. I a . , a

T ab a a ba . a. a , ba . 5- a . a. a a a a b . C a . T a. a . a a a 13.26% (b ax) (2021: 12.81%), a a b . a. a x . a b ab .

O a a : a . a , a , a . S a a b . C a ba x a a . a a . T a. a b . C a -ax . a. a a . a a . a a . a a . a a a a .

2) T a B&M

a. R a a a a f f

Composition of asset group or asset group portfolios	Relevant asset group of Tianjin B&M
Ca a a a	3,941,353,777.10
Ca a a a a a a	870,084,521.17
Ca a a a a f a	4,811,438,298.27
W f f a a a a f f a a a a f a	Y

b. I a , f a

T f ab a f ba f a a a

20. Deferred tax assets and deferred tax liabilities

(1) D ...ax a... b...

Items	Closing balance		Opening balance	
	Deductible temporary difference	Deferred tax assets	Deductible temporary difference	Deferred tax assets
U...	883,309,333.15	162,234,731.96	288,626,080.46	72,156,520.12
D...	519,759,486.05	121,485,237.69	444,089,181.12	105,845,508.58
P...	937,156,608.98	183,840,564.82	291,806,406.80	51,279,014.30
U...	1,701,052,808.50	330,094,177.10	555,341,660.38	117,677,690.20
Ga... f... a...	33,679,150.31	4,690,307.75		
Ex... f... -ba...	188,939,313.96	28,340,897.09	158,766,835.07	23,815,025.26
T...	4,263,896,700.95	830,685,916.41	1,738,630,163.83	370,773,758.46

(2) D ...ax ...ab... b...

Items	Closing balance		Opening balance	
	Taxable temporary difference	Deferred tax liabilities	Taxable temporary difference	Deferred tax liabilities
T...	425,474,971.83	55,518,755.37	497,855,156.20	69,896,630.79
D...	1,554,086,764.88	304,365,803.90	327,054,279.90	74,244,116.70
Ga... f... a...			25,920,305.01	4,188,247.13
T...	1,979,561,736.71	359,884,559.27	850,829,741.11	148,328,994.62

(3) D...a... ...ax a...

Items	Closing balance	Opening balance
T...	799,977,741.08	481,946,867.68
P...	199,895,832.46	80,399,272.11
D...	62,898,710.44	161,657,916.42
T...	1,062,772,283.98	724,004,056.21

(4) Ma... a... ...b... ...ax a...

Maturity years	Closing balance	Opening balance	Remarks949TD[(Provision)-363.1(for)-

21. Other non-current assets

Items	Closing balance			Opening balance		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
P a . a a l r . . . a l a l r	4,933,960,087.63		4,933,960,087.63	2,934,461,836.89		2,934,461,836.89
P a . a . [N .]	1,061,032,701.24		1,061,032,701.24	127,514,040.64		127,514,040.64
T a	5,994,992,788.87		5,994,992,788.87	3,061,975,877.53		3,061,975,877.53

Note: I a : (1) a a a C a ' a D a D . L 50.00 a ; (2) a a a b a H a M H K ' a C H L USD100.00 ; (3) a a a b a H a M H K ' a Da I a a C . USD25.00 ; (4) a a a b a H a K ' a PT. Wa a K a a M a USD20.00 . T ab - a a a

26. Accounts payable

(1) D .a

Items	Closing balance	Opening balance
Pa	11,189,429,163.91	4,114,060,983.46
Pa	3,373,461,269.89	2,089,527,914.24
O.	48,000,767.50	29,583,513.06
T .a	14,610,891,201.30	6,233,172,410.76

(2) N a. a ba a a a

27. Advances received

(1) D .a

Items	Closing balance	Opening balance
Pa		641,739,400.77
E [N .]	492,095,800.00	
O.	21,870.03	3,000,000.13
T .a	492,117,670.03	644,739,400.90

Note: I USD70.00 10.00% P L

(2) N a. a ba a a a

28. Contract liabilities

Items	Closing balance	Opening balance
Pa	2,359,463,860.52	78,968,534.53
T .a	2,359,463,860.52	78,968,534.53

29. Employee benefits payable

(1) D .a

Items	Opening balance	Increase	Decrease	Closing balance
S b	472,038,306.75	3,284,715,320.00	3,080,846,409.88	675,907,216.87
P b a	5,753,280.28	124,768,465.21	120,688,319.41	9,833,426.08
T a b		1,714,015.44	1,714,015.44	
T .a	477,791,587.03	3,411,197,800.65	3,203,248,744.73	685,740,642.95

(2) D .a b

Items	Opening balance	Increase	Decrease	Closing balance

(3) O.

1) Ca a a : a. ba a 1,049,603,252.21 a .
G a I . a. a P. . L. .; b. ba a 796,174,113.24 a . E A a
C ., L. .; . ba a 161,828,380.65 a . T a H G
C ., L. .; . ba a 60,775,000.00 a . H a H ; a . ba a
520,022,108.07 a . N T .

2) P a V (I) 42 . . . a a a . a
a b a. . . a .

32. Non-current liabilities due within one year

(C ... ol)

Bonds	Par value interest	Premium/Discount amortization	Current period repayment	Closing balance
22 Hua ... C ba. SCP001 (S ... a ol T ... N ...)	8,707,500.00	660,000.00		608,047,500.00
22 Hua ... C ba. SCP002 (S ... a ol T ... N ...)	4,637,694.44	1,202,465.76		703,435,228.68
Sub ... a	13,345,194.44	1,862,465.76		1,311,482,728.68

(3) O...

1) 22 Hua ... C ba. SCP001 (S ... a ol T ... N ...)

I A... 2022, ... C ... a ... b ... ol ... a I ...a- ... a ... b ol Z ...a ... Hua ... C ba. C., L. ol. 2022 (S ... a ol T ... N ...) (... 22 Hua ... C ba. SCP001 (S ... a ol T ... N ...)) ... a ... 600.00 ... a, ... a b ... ol ... ba b ol a... A... 19, 2022, ... a... A... 16, 2022 Ma 12, 2023.

2) 22 Hua ... C ba. SCP002 (S ... a ol T ... N ...)

I O... b 2022, ... C ... a ... b ... ol ... a II ...a- ... a ... b ol Z ...a ... Hua ... C ba. C., L. ol. 2022 (S ... a ol T ... N ...) (... 22 Hua ... C ba. SCP002 (S ... a ol T ... N ...)) ... a ... 700.00 ... a, ... a b ... ol ... ba b ol a... N ... b 1, 2022, ... a... O... b 27, 2022 Ju 28, 2023.

34. Long-term borrowings

Items	Closing balance	Opening balance
Gua... ol b ...	2,500,159,093.33	981,754,275.12
C ol. b ...	125,000,000.00	
Gua... ol, ... ol a ol ... a ol b ...	5,293,096,000.00	
Gua... ol a ol ... a ol b ...	1,177,650,298.29	1,263,295,850.63
Gua... ol a ol ... ol b ...	2,788,820,678.14	4,485,420,000.00
I... ... -... b ...	43,055,662.03	7,790,519.67
T ...a	11,927,781,731.79	6,738,260,645.42

35. Bonds payable

(1) D ...a

Items	Closing balance	Opening balance
C ... b C ... a. B ol Hua ... C ... b B ol	6,323,799,832.42	
T ...a	6,323,799,832.42	

(2) C... ... ol ... (... ol ... a ... a ... ... ol ... a ... ol ... a ... ol ... a b ol ... a ... ol a ... a ... ab ...)

Bonds	Par value	Issuing date	Maturity	Amount outstanding	Opening balance	Current period issuance
Hua ... C ... b B ol ...	7,600,000,000.00	2/24/2022	6 a...	7,600,000,000.00		7,600,000,000.00
Sub ...a	7,600,000,000.00			7,600,000,000.00		7,600,000,000.00

(C ..ı ◖)

Bonds	Par value interest	Premium/ Discount		

(2) O.

1) F

Items	Opening balance	Increase	Amount included into profit or loss [N .]	Closing balance	Related to assets/income
F a b a	48,565,002.24	24,740,000.00	3,782,850.44	69,522,151.80	R a. a .
S b a a	25,014,402.30		1,202,091.60	23,812,310.70	R a. a .
O a. a a a. a. a. a ab	11,288,492.88		623,016.96	10,665,475.92	R a. a .
S a b a. a a a a	16,112,782.66		689,131.19	15,423,651.47	R a. a .
Fi a b a a a	8,999,999.92		1,000,000.08	7,999,999.84	R a. a .
F a b a a. a a	22,083,774.11	38,675,000.00	2,565,747.43	58,193,026.68	R a. a .
S	26,704,611.80		2,522,091.12	24,182,520.68	R a. a .
C a a a a a	1,500,000.00		180,000.00	1,320,000.00	R a. a .
S b a. a. a a a a.	811,540.61		66,206.04	745,334.57	R a. a .
S b ab a. a.	14,333,333.33		1,000,000.00	13,333,333.33	R a. a .
S b a a	8,816,657.57		1,000,000.08	7,816,657.49	R a. a .
S b a I a. a a	7,873,500.00	1,398,600.00	568,584.15	8,703,515.85	R a. a .

Items	Opening balance	Increase	Amount included into profit or loss [N .]	Closing balance	Related to assets/income
S b	17,813,446.85		2,364,871.48	15,448,575.37	R a. . a . .
S b	2,970,127.47	3,793,900.00	434,585.43	6,329,442.04	R a. . a . .
S . a . b	29,241,005.63	3,206,100.00	3,841,616.44	28,605,489.19	R a. . a . .
I . . a a	13,500,000.00			13,500,000.00	R a. . a . .
O. a	1,355,306.85	760,016.13	436,383.76	1,678,939.22	R a. . a . .
S . a		3,604,800.00		3,604,800.00	R a. . .
O. a	1,085,353.07	1,266,983.87	489,366.47	1,862,970.47	R a. . .
S b . a	518,873,112.92	108,445,400.00	34,590,851.99	592,727,660.93	

Note: P a . . . V (IV) 3 . . . a a . . . a . . . .

40. Share capital

(1) D . a

Items	Opening balance	Movements					Closing balance
		Issue of new shares	Bonus shares	Reserve transferred to shares	Others	Subtotal	
T . a a	1,221,228,483	12,705,230		366,379,735	-635,220	378,449,745	1,599,678,228

(2) O. a

T . a a . a . a . . a b 378,449,745 . a . . . . P a . . . V (I) 42 . . . a a . . . a . .

41. Other equity instruments

(1) C . . . a . . a . . . a . . . a . . . a . . . a b . . . a . . . ba a . . . a.

Items	Opening balance		Increase		Decrease		Closing balance	
	Quantity	Carrying amount	Quantity	Carrying amount	Quantity	Carrying amount	Quantity	Carrying amount
H a . C . b B			76,000,000.00	1,490,340,831.42	11,620.00	227,865.26	75,988,380.00	1,490,112,966.16
T . a			76,000,000.00	1,490,340,831.42	11,620.00	227,865.26	75,988,380.00	1,490,112,966.16

(2) O. a

P a . . . V (I) 35 . . . a a . . . a . . . a . . . a . . . ba . . . . . .

42. Capital reserve

(1) D a

Items	Opening balance	Increase	Decrease	Closing balance
S a	9,686,588,328.31	683,648,569.98	758,333,707.38	9,611,903,190.91
O a a	531,708,256.11	385,245,312.46	130,351,394.89	786,602,173.68
T a	10,218,296,584.42	1,068,893,882.44	888,685,102.27	10,398,505,364.59

(2) O a

1) M a

C a 683,648,569.98 a a :

a. P a b 26. B a D a x a a a b 29, 2021 a a , a a 167,800 a b a 37 a 58.07 a , 167,800.00 a a a a 9,576,346.00 a a ( ). S a a b Pa -C a C P b A a LLP, a a Ca a V a R b PCCPACVR [2022] 25 a M a , I a C a A S.a a B E N 7, a a a 9,744,146.00 a a a b 9,744,146.00 a ba b a a a a a .

b. P a b 33 a 39. B a D a x a a 2022, a a J 23, 2022 a a , a a 10,487,900 a b a 1,170 a 32.35 a , 10,487,900.00 a a a a 328,795,665.00 a a ( ). S a a b Pa -C a C P b A a LLP, a a Ca a V a R b PCCPACVR [2022] 330 a M a , I a C a A S.a a B E N 7, a a a 339,283,565.00 a a a b 339,283,565.00 a ba b a a a a a .

. P a b a a 45. B a D a x a a a 2022, a N b 18, 2022 a a , a a 2,035,800 a b a 441 a 31.61 a , 2,035,800.00 a a a a 62,315,838.00 a a ( ). S a a b Pa -C a C P b A a LLP, a a Ca a V a R b PCCPACVR [2023] 18 a M a , I a C a A S.a a B E N 7, a a a 64,351,638.00 a a a b 64,351,638.00 a ba b a a a a a .

. I , , , a a a b 13,730.00 a a a a (a ,) a a b 1,166,716.72 a , , b b a . P a V (I) 35 a a a a .

. U a a x a a ’ 2021 a 40. B a D , , a a a a a a a a 2021 , 691 b a ab a 2,588,196 a . A a , , x a a -ba a 101,158,645.20 a a a a (a a), a a (a), a a b 74,838,682.80 a a a ab a b 74,838,682.80 a a .

. U a a x a a ’ 2021 a 43 B a D , , a a a a a a a a 2021 , 240 b a ab a 543,465 a . A a , , x a a -ba a 21,491,950.50 a a a a (a a), a a (a), a a b 22,382,397.00 a a a ab a b 22,382,397.00 a a .

. A b a N E Q b , , .7(442.7(.3(a3L (2021)-321

. U a a x a a ’ 2021 a

a ab a b 2,508,420.00 a a b . S a a a a b Pa -C a C P b A a LLP, a a Ca a V a R b PCCPACVR [2022] 327 a .

. U a a x a a ' 2021 a 40. B a D , C a a a a 223,795 a a . 28 . a . b , a a a b 223,795.00 a a a a (a) a b 7,731,025.50 a . M a , a a a b 7,903,175.50 a a a a (a) a b 7,903,175.50 a a . S a a a a b Pa -C a C P b A a LLP, a a Ca a V a R b PCCPACVR [2022] 634 a .

. U a a x a a ' 2021, x a a ' 2022, a 43 . B a D , C a a a a 280,925 a a . 34 . a . b , a a a b 280,925.00 a a a a (a) a b 8,334,043.50 a . M a , a a a b 8,573,493.50 a a a ab a b 8,573,493.50 a . S a a a a b Pa -C a C P b A a LLP, a a Ca a V a R b PCCPACVR [2022] 764 a .

. T C a a - b a H a N E , a a (a) a b 350,087,848.89 a ba . b . a a a a a .

. T C a a - b a F a M , a a (a) a b 20,540,309.49 a ba . b . a a a a a .

2) M a

A C a ' a , x a -ba a . a a 385,245,312.46 a , a (a).

C a 130,351,394.89 a a :

a. A a a 2021 a , x a -ba a . 101,158,645.20 a a (a). a (a).

b. A a 2021 a , x a -ba a . 21,491,950.50 a a (a). a (a).

. Ca ..a (a ..a) a a b 6,747,052.34 ba
. ax . x -ax b a .
a a a. x .

. Ca ..a (a ..a) a a b 953,746.85 ba
a. a b .
a a. (a . a a) b
C a .

43. Treasury shares

(1) D .a

Items	Opening balance	Increase	Decrease	Closing balance
R a	339,232,639.00	413,379,349.00	121,597,413.80	631,014,574.20
T a	339,232,639.00	413,379,349.00	121,597,413.80	631,014,574.20

(2) O.

I , a a a b 291,781,935.20 a . P a
V (I) 42 a a. a .

42. Other comprehensive income (OCI)

		Current period cumulative						
		Net OCI after tax					Less: OCI previously recognized but transferred to retained earnings in the current period (attributable to parent company after tax)	
Items	Opening balance	Current period cumulative before income tax	Less: OCI previously recognized but transferred to profit or loss in the current period	Less: Income tax expenses	Attributable to parent company	Attributable to non-controlling shareholders		Closing balance
I b a o b	-49,068,581.76	2,513,800.00			2,513,800.00		2,513,800.00	-49,068,581.76
I : C a a a	-49,068,581.76	2,513,800.00			2,513,800.00		2,513,800.00	-49,068,581.76
I b a o b	-370,294,761.80	1,324,471,828.46	-34,796.21		1,195,768,906.43	128,737,718.24		825,474,144.63
I : OCI b a	-95,725,279.85	147,674,809.87	-34,796.21		147,709,606.08			51,984,326.23
T a a	-274,569,481.95	1,176,797,018.59			1,048,059,300.35	128,737,718.24		773,489,818.40
T a	-419,363,343.56	1,326,985,628.46	-34,796.21		1,198,282,706.43	128,737,718.24	2,513,800.00	776,405,562.87

45. Special reserve

(1) D a

Items	Opening balance	Increase	Decrease	Closing balance
W a	22,627.13	64,860,001.79	64,882,628.92	
M	16,625,933.98	12,729,558.47	2,006,040.94	27,349,451.51
T a	16,648,561.11	77,589,560.26	66,888,669.86	27,349,451.51

(2) O

W a a a b C a b a H a Q a N E Q a b Ca Q [2012] 16 b M F a a S.a A a W Sa M a 97 D5-247 C a

La. C a a a a a , a 93,120.00 a . A a C a a a 366,286,614.90 a .

2) P a V (I) 12 a a. a. a

(II) Notes to items of the consolidated income statement

1. Operating revenue/Operating cost

(1) D a

Items	Current period cumulative		Preceding period comparative	
	Revenue	Cost	Revenue	Cost
Ma a.	61,676,007,943.04	50,253,913,561.91	34,260,483,178.74	27,315,814,905.28
O. a.	1,357,777,556.45	1,059,790,664.32	1,056,065,821.22	815,253,535.55
T a	63,033,785,499.49	51,313,704,226.23	35,316,548,999.96	28,131,068,440.83
I : R a [N]	63,021,772,408.18	51,308,627,447.42	35,300,204,306.80	28,122,012,006.82

Note: T a a a

(2) B a a

1) B a b

Items	Current period cumulative	
	Revenue	Cost
C ba	8,555,019,367.27	6,305,147,096.62
C	4,398,719,705.59	2,810,769,789.36
N	2,746,313,568.09	2,251,925,426.80
L	1,349,877,126.86	725,609,889.05
T a	9,929,126,976.97	7,884,161,258.87
Ca a a	22,801,862,709.96	19,770,468,193.15
N a	2,714,469,179.37	1,681,728,395.88

T 10.97

2) B a l b a.

Items	Current period cumulative		Preceding period comparative	
	Revenue	Cost	Revenue	Cost
D	25,203,647,851.09	19,543,493,990.70	16,584,104,400.71	12,360,411,280.92
O a	37,818,124,557.09	31,765,133,456.72	18,716,099,906.09	15,761,600,725.90
S b. a	63,021,772,408.18	51,308,627,447.42	35,300,204,306.80	28,122,012,006.82

3) B a l b a l

Items	Current period cumulative	Preceding period comparative
R l a. a	63,021,772,408.18	35,300,204,306.80
S b. a	63,021,772,408.18	35,300,204,306.80

(3) C a ab f ba a 76,792,630.01 a a l.

2. Taxes and surcharges

Items	Current period cumulative	Preceding period comparative
U ba a a a l ax	30,940,735.81	19,449,572.64
E l a. a	13,265,836.15	8,344,669.70
L a l a. a	8,850,969.08	5,563,113.15
M a ax	350,508,042.47	252,331,683.53
H l ax	17,499,609.15	2,184,510.75
La l ax	6,851,473.50	1,196,828.35
S a l	44,060,731.81	11,574,021.02
O f	3,563,508TD.0	25TD9,1803,021,772,408.18T ((-03,0

5. R&D expenses

Items	Current period cumulative	Preceding period

9. Gains on changes in fair value

Items	Current period cumulative	Preceding period comparative
H [illegible]	-11,897,363.83	26,384,375.52
I [illegible]: Ga[illegible]		
[illegible]	-14,270,651.50	26,144,786.48
Ga[illegible]		
[illegible]	2,373,287.67	239,589.04
H [illegible]	-40,024,798.40	4,045,551.54
I [illegible]: Ga[illegible]		
[illegible]	-40,024,798.40	4,045,551.54
Ga[illegible]	-95,578,759.53	-45,018,743.56
T[illegible]	-147,500,921.76	-14,588,816.50

10. Credit impairment loss

Items	Current period cumulative	Preceding period comparative
Ba[illegible]	-209,807,487.97	-83,189,523.03
T[illegible]	-209,807,487.97	-83,189,523.03

11. Assets impairment loss

Items	Current period cumulative	Preceding period comparative
I[illegible]	-1,290,236,057.45	-15,648,918.02
I[illegible]		-31,303,698.33
I[illegible]	-2,064,541.41	-901,194.16
T[illegible]	-1,292,300,598.86	-47,853,810.51

12. Gains on asset disposal

Items	Current period cumulative	Preceding period comparative	Amount included in non-recurring profit or loss
Ga[illegible]	2,413,571.80	-5,822,487.58	2,413,571.80
Ga[illegible]		2,700,000.00	
T[illegible]	2,413,571.80	-3,122,487.58	2,413,571.80

13. Non-operating revenue

Items	Current period cumulative	Preceding period comparative	Amount included in non-recurring profit or loss
Ga[illegible]	639,963.04	116,963.42	639,963.04
I[illegible]: L[illegible]	639,963.04	116,963.42	639,963.04
I[illegible]	7,030,758.43	2,106,593.67	7,030,758.43
O[illegible]	1,261,704.10	336,696.23	1,261,704.10
T[illegible]	8,932,425.57	2,560,253.32	8,932,425.57

14. Non-operating expenditures

Items	Current period cumulative	Preceding period comparative	Amount included in non-recurring profit or loss
L [illegible]			

2. Other cash payments related to operating activities

Items	Current period cumulative	Preceding period comparative
Ca a ba ba a a a	4,240,290,655.66	1,596,883,996.13
Ex a a	1,133,437,282.37	596,247,488.76
C a	1,890,252,907.19	40,587,146.72
O	49,727,197.72	45,464,494.46
T a	7,313,708,042.94	2,279,183,126.07

3. Other cash receipts related to investing activities

Items	Current period cumulative	Preceding period comparative
Ca a ba ba a a a	581,423,112.40	325,750,397.20
N a H a I a	76,809,320.82	
R H a I a	32,873,089.83	641,739,400.77
R a SESA C a		167,636,001.13
R a a IWIP C a		9,742,561.82
R a a V	13,744,035.66	
T a	704,849,558.71	1,144,868,360.92

4. Other cash payments related to investing activities

Items	Current period cumulative	Preceding period comparative
Ca a ba ba a a a	1,606,380,618.04	238,601,618.28
Pa a a PT A a H a E a S	7,661,060.00	
Pa a a PPM C a	118,815,888.59	
N a a a HANARI C a		

Items	Current period cumulative	Preceding period comparative
Pa [illegible]		5,000,000.00
Pa [illegible]	270,032,292.00	
T [illegible]	11,777,863,550.41	3,126,476,739.88

6. Other cash payments related to financing activities

Items	Current period cumulative	Preceding period comparative
Ca [illegible]	858,267,753.46	620,221,956.10
Pa [illegible]	1,599,169,749.14	486,278,861.90
Pa [illegible]	43,600,000.00	65,900,000.00
Ba [illegible]		

Supplementary information	Current period cumulative	Preceding period comparative
N . a	2,913,806,375.38	-61,708,589.68
2) S . . . . . :		
C . . . b		
C . . b		
F x		
3) N . . . . . :		
Ca	8,579,643,614.59	6,108,393,395.75
L . . : Ca . . . b	6,108,393,395.75	1,489,479,506.70
A . . : Ca		
L . . : Ca		
N	2,471,250,218.84	4,618,913,889.05

(2) N . . . . . b . . . . .

Items	Prospect Lithium	Huafei Indonesia
Ca	2,477,249,826.07	
L . . : Ca		

Items	Closing balance	Opening balance
3) Ca a a a a a	8,579,643,614.59	6,108,393,395.75
I : Ca a a a a b a		

(5) A a a a a a a a

Items	Current period cumulative	Preceding period comparative
A a a a	2,356,529,958.46	1,320,042,637.44
I : Pa a x a a a	2,356,529,958.46	1,320,042,637.44

(6) R a

Items	Carrying amount	Reasons for restrictions
R ab a	1,058,742,915.84	P ba a
I	1,717,046,494.27	P a a a a a a a a a
F x a	12,888,440,521.18	M a ba a x a a a ba a
C	2,901,249,101.66	M a ba a a a a ba a a
I a b a	327,322,387.75	M a ba a
O - a	126,006,000.00	Pa x a a a ba a a
T a	26,077,552,163.49	

(2) O a

A ba a a , C a 36.86% T a B&M, 80.00% CDM C a , 80.68% H a Q , 100.00% H a a C 51.00% H a I a, 30.00% H a N a 57.00% H a C a C a a .

P a a a b H a C a a Ba C á (H K) L Ja a a B a , H a C a a ba a a P a XII (I) a a a .

2. Monetary items in foreign currencies

(1) D a

Items	Closing balance in foreign currencies	Exchange rate	RMB equivalent at the end of the period
Ca a ba ba a			7,057,066,091.40
I : USD	987,906,574.24	6.9646	6,880,374,126.95
EUR	662,958.56	7.4229	4,921,075.10
HKD	1,172,081.37	0.89327	1,046,985.13
IDR	367,477,062,097.25	0.000445	163,527,292.63
ZAR	3,881,047.86	0.411320	1,596,352.61
KRW	22,714,202.00	0.005523	125,450.54

Items	Closing balance in foreign currencies	Exchange rate	RMB equivalent at the end of the period

3) G [illegible]

Items	Amounts	Presented under	Remarks
Tax [illegible]	76,052,000.00	O. [illegible]	
F. a [illegible]	36,722,086.00	O. [illegible]	
S b [illegible]	23,198,400.00	O. [illegible]	
S b [illegible] ab [illegible]	7,752,361.00	O. [illegible]	
Ex. a [illegible] VAV			

VI. Changes in the consolidation scope

(I) Business combination not under common control

1. Business combination not under common control in the current period

(1) Ba a.

Acquirees	Equity acquisition date	Equity acquisition cost	Proportion of equity acquired	Equity acquisition method
			(%)	
P L	A 2022	USD409,940,803.70	100.00	Ta
H a I a	A 2022	USD775,000.00	31.00	Ta

(C)

Acquirees	Acquisition date	Determination basis for acquisition date	Acquiree's income from acquisition date to period end	Acquiree's net profit from acquisition date to period end
P L	A 2022	P a VI (I) 1 (2) a.		-23,460,351.58
H a I a	A 2022	P a VI (I) 1 (2) a.		-347,456.81

(2) O a

1) Pa a 25. B a

2. Combination costs and goodwill

D .a

Items	Prospect Lithium	Huafei Indonesia
C b a.		
Ca	2,604,763,866.71	5,128,717.50
A -la. a a b f a la.		3,308,850.00
T a b a.	2,604,763,866.71	8,437,567.50
L : S a a ab a a	2,604,763,866.71	8,437,567.50
G /Ba a a a b a.		

3. Acquisition-date identifiable assets and liabilities of acquirees

(1) D .a

	Prospect Lithium		Huafei Indonesia	
Items	Acquisition-date fair value	Acquisition-date carrying amount	Acquisition-date fair value	Acquisition-date carrying amount
A	2,691,709,453.30	14,476,985.08	2,560,224,929.06	2,532,502,699.35
Ca a ba ba a	223,655.89	223,655.89	172,614,839.10	172,614,839.10
I	178,677.90	178,677.90		
O a	2,200,574.85	2,200,574.85	100,460,326.68	72,738,096.97
F a	10,433,332.47	10,433,332.47	93,299,131.30	93,299,131.30
C			765,447,655.06	765,447,655.06
I a b a	2,678,673,212.19	1,440,743.97		
O -a			1,428,402,976.92	1,428,402,976.92
L ab	86,945,586.59	86,945,586.59	2,543,680,679.06	2,543,680,679.06
Pa ab	3,569,389.64	3,569,389.64	57,214,089.16	57,214,089.16
O ab	83,376,196.95	83,376,196.95	2,486,466,589.90	2,486,466,589.90
N a	2,604,763,866.71	-72,468,601.51	16,544,250.00	-11,177,979.71
L : N -			8,106,682.50	-5,477,210.06
N a a a	2,604,763,866.71	-72,468,601.51	8,437,567.50	-5,700,769.65

(2) Fa a a. f ab a a ab

1) P . L

Pa a A a R I ab A , L ab a C . L ab P . L Z bab (P .) L. R a. P P a F a R (Z L a G J. Z. Z. [2022] N . TKMQB0828) b C a U I a. a A a a C C ., L., f. A 20, 2022 a a a. b a la. , a b a. f a a. , C a f a -la. a a ab a P . L a. 2,691.71 a a f a -la. a a ab ab a. 86.95 a .

2) H a I a

T C a f a -la. a a ab a a ab H a I a f a. a a f a. ab a f a. a ab f a .

(II) Disposal of subsidiaries

One-time disposal leading to loss of control over a subsidiary

1. D .a

Subsidiaries	Equity disposal consideration	Equity disposal proportion	Equity disposal method	Loss of control date	Determination basis for loss of control date	Difference between disposal consideration and net assets attributable to the Company at the consolidated financial statements level
		(%)				
HANARI C a . . .	0.00	70.00	T-a	Ma 2022	P a . VI (II) 2 . a a a. . a .	-7,553,519.45
H b Y i x . . .	1,000,000.00	100.00	T-a	A . 2022	P a . VI (II) 2 . a a a. . a .	7,824.10
SHAD C a . .	0.00	82.00	T-a	Ma 2022	P a . VI (II) 2 . a a a. . a .	-259,473.95

(C . .)

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 fair value 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
HANARI C a . . .						-5,821,240.38
H b Y i x . . .						
SHAD C a . .						575,568.71

2. O. a

(1) T C a ' b a H a M H K 70.00% . HANARI C a . P a . . E . T-a A . . b . . a , H a M H K a 70.00% . HANARI C a . HANAQ C a a. . a. 0.00 a . A Ma 7, 2022, H a M H K a a- a . A H a M H K a a . a HANARI C a , HANARI C a a x . a .

(2) T C a 100.00% Hb Yx . Pa E
Ta A b a , C a a
100.00% Hb Yx . Ha H a a 1.00
a . A A 1, 2022, C a a a
a a- a A
C a a a a Hb Yx , Hb Yx a x
a .

(3) T C a 82.00% SHAD C a . Pa E
Ta A b a , C a a
82.00% SHAD C a . U L b ba a . A
Ma 2022, C a a a a- a
. A C a a a SHAD C a , SHAD
C a a x a .

(III) Changes in the consolidation scope due to other reasons

Entities brought into the consolidation scope

Entities	Equity acquisition method	Equity acquisition date	Capital contribution	Capital contribution proportion
				(%)
Hb Yx	Eab	Ja a 2022	1,000,000.00	100.00
Ga x R a	Eab	Ma 2022	N a	100.00
Ga x L	Eab	A 2022	265,000,000.00	100.00
T x a Ha	Eab	J 2022	34,695,000.00	69.39
Hax H K	Eab	Ja a 2022	N a	100.00
Ha H K	Eab	Ja a 2022	USD700,000.00	100.00
Ha I a	Eab	Ma 2022	USD700,000.00	70.00
W Ha a	Eab	J 2022	N a	69.39
IPIP C a	Eab	J 2022	USD7,000,000.00	70.00
Ha a Ta	Eab	A 2022	N a	70.00
Ha I a a R	Eab	J 2022	N a	100.00
Ha H K	Eab	A 2022	N a	100.00
Ha H K	Eab	A 2022	N a	100.00
Ha I a a L	Eab	A 2022	N a	100.00
Q Ha E a P	Eab	S b 2022	14,000,000.00	70.00
K a a P				

VII. Interest in other entities

(I) Interest in significant subsidiaries

1. Significant subsidiaries

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

1. Changes in subsidiaries' equity

_____

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	
L C a	W x C , J a P	W x C , J a P	N - a	49.00		E
V	H K , SAR	H K , SAR	S	24.00		E
IWIP C a	Ha a a I a , N M a , I a	Ja a a, I a	I a	24.00		E
N T	H K , SAR	H K , SAR	I a	30.00		E
Q A	Q C , Z a P	Q C , Z a P	Ca a a	49.92		E
PHC C a	G a a , S J a P , S K a	G a a , S J a P , S K a	Ma a	35.00		E
G a x T L - I M a C	Y C , G a x Z a A R	Y C , G a x Z a A R	Ca a a	49.47		E
G a x T L - I F	Y C , G a x Z a A R	Y C , G a x Z a A R	Ca a a	31.32		E
H a Ya	C a a C , H a P	C a a C , H a P	Ma a	10.07		E
Q X a	Q C , Z a P	Q C , Z a P	Ca a a	49.96		E

(2) Ba a a a C a 20% a C a 20% .

1) A C a a a a AVZ C a 5% a a a a a a a AVZ C a .

2) T C a H a Ya 10.07%. A C a a H a Ya .

2. Main financial information of significant associates

Items	Closing balance/Current period cumulative			
	Puhua Company	AVZ Company	Leyou Company	Veinstone
C . a	569,226,353.67	294,326,636.31	5,207,158,971.73	811,258,486.11
N - . a	696,834,881.35	710,456,002.68	1,897,336,959.04	929,621,204.46
T .a a	1,266,061,235.02	1,004,782,638.99	7,104,495,930.77	1,740,879,690.57
C . ab	144,091,479.98	4,512,167.20	3,310,899,861.29	926,295,045.96
N - . ab	10,294,485.23	5,340,773.11	135,061,499.66	37,796.88
T .a ab	154,385,965.21	9,852,940.31	3,445,961,360.95	926,332,842.84
N -				73,769,709.94
E a. b. ab a a	1,111,675,269.81	994,929,698.68	3,658,534,569.82	740,777,137.79
N	112,799,220.68	-94,014,960.25	1,674,464,327.61	123,412,114.46
T .a	112,799,220.68	-84,592,421.68	1,674,464,327.61	180,531,804.50

(C .)

Items	Closing balance/Current period cumulative			
	I IP Company	Newstride Technology	Quzhou Anyou	PHC Company
C . a	863,567,872.55	6,237,448,115.60	19,717,797.37	102,924,422.61
N - . a	1,749,054,916.21	5,292,504,382.43	1,173,288,352.20	996,655,924.01
T .a a	2,612,622,788.76	11,529,952,498.03	1,193,006,149.57	1,099,580,346.62
C . ab	575,066,451.81	2,237,259,136.82	2,786,326.37	139,580,858.10
N - . ab	873,497,137.92	46,563,344.90		341,296,167.64
T .a ab	1,448,563,589.73	2,283,822,481.72	2,786,326.37	480,877,025.74
N -		3,410,190,235.54		
E a. b. ab a a	1,164,059,199.03	5,835,939,780.77	1,190,219,823.20	618,703,320.88
N	357,517,990.35	4,558,685,779.69	-8,640,169.16	-32,116,305.35
T .a	443,762,088.50	4,912,643,539.29	-8,640,169.16	-13,375,520.39

(C .)

Items	Closing balance/Current period cumulative			
	Guangxi Times Li-ion Investment Management Center	Guangxi Times Li-ion Industry Fund	Hunan Yacheng	Quzhou Xinhua
C . a	2,948,174.05	1,643,113,367.16	1,629,027,737.77	50,318,213.57
N - . a	1,196,995,203.62	2,959,697,915.73	1,972,182,626.41	2,319,268,429.01
T .a a	1,199,943,377.67	4,602,811,282.89	3,601,210,364.18	2,369,586,642.58
C . ab	285,600,000.00	560,080,799.25	1,527,729,962.56	1,926,821.91
N - . ab		1,278,890,655.33	714,785,797.43	
T .a ab	285,600,000.00	1,838,971,454.58	2,242,515,759.99	1,926,821.91
N -		-1,898.25	178,882,076.96	
E a. b. ab a a	914,343,377.67	2,763,841,726.84	1,179,812,527.23	2,367,659,820.67
N	-3,504,796.38	-9,914,256.15	172,134,321.53	-12,340,179.33
T .a	-3,504,796.38	-9,914,256.15	172,134,321.53	-12,340,179.33

(C .. r ●l)

Items	Opening balance/Preceding period comparative				
	Puhua Company	AVZ Company	Leyou Company	Veinstone	I IP Company
C . a	180,376,975.87	13,190,291.33	1,349,441,545.94	346,155,154.10	467,286,398.51
N - . a . . .	241,100,288.23	422,019,243.86	1,828,688,229.44	913,093,812.51	1,197,197,874.35

(3) [illegible]

(4) [illegible]

2. Measurement of expected credit losses

[illegible]

3. Please refer to section V (I) 4, 5 and 7 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

[illegible]

(1) [illegible]

[illegible]

(2) [illegible]

[illegible]

As of December 31, 2022, [illegible] 54.03% (December 31, 2021: 46.94%) [illegible]

[illegible]

(II) Liquidity risk

[illegible]

I [illegible] C [illegible] a [illegible], ba b [illegible], [illegible] a [illegible] a [illegible] a [illegible] a [illegible], a [illegible] a [illegible] a [illegible] a ba a b [illegible] a [illegible] a ab [illegible] a [illegible] x b [illegible]. T C a [illegible] a b a [illegible] [illegible] a [illegible] a ba [illegible] [illegible] a [illegible] a [illegible] x [illegible].

Financial liabilities classified based on remaining time period till maturity

	Closing balance				
Items	**Carrying amount**	**Contract amount not yet discounted**	**ithin 1 year**	**1-3 years**	**Over 3 years**
Ba b [illegible]	27,933,432,060.89	30,390,754,814.60	17,028,532,051.85	7,410,668,383.51	5,951,554,379.24
H [illegible] a ab [illegible]	40,024,798.40	40,024,798.40	40,024,798.40		
N [illegible] a ab [illegible]	10,782,231,308.54	10,782,231,308.54	10,782,231,308.54		
A [illegible] a ab [illegible]	14,610,891,201.30	14,610,891,201.30	14,610,891,201.30		
N [illegible] ab [illegible] a [illegible]	1,772,100,686.44	2,045,716,316.30	2,045,716,316.30		
O [illegible] a ab [illegible]	4,612,710,195.77	4,643,101,465.63	4,643,101,465.63		
O [illegible] ab [illegible]	1,311,482,728.68	1,654,602,779.88	1,654,602,779.88		
B a ab [illegible]	6,323,799,832.42	8,162,727,162.57		682,130,867.86	7,480,596,294.71
L a ab [illegible]	57,070,601.81	60,294,665.46		52,382,919.92	7,911,745.54
L [illegible] a ab [illegible]	5,155,378,248.88	5,516,949,998.39		2,541,468,653.90	2,975,481,344.49
S b a [illegible]	72,599,121,663.13	77,907,294,511.07	50,805,099,921.90	10,686,650,825.19	16,415,543,763.98

(C [illegible])

	December 31, 2021				
Items	**Carrying amount**	**Contract amount not yet discounted**	**ithin 1 year**	**1-3 years**	**Over 3 years**
Ba b [illegible]	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 [illegible] a ab [illegible]	360,612.00	360,612.00	360,612.00		
D a [illegible] a ab [illegible]	104,821,710.25	104,821,710.25	104,821,710.25		
N [illegible] a ab [illegible]	4,810,797,623.12	4,810,797,623.12	4,810,797,623.12		
A [illegible] a ab [illegible]	6,233,172,410.76	6,233,172,410.76	6,233,172,410.76		
N [illegible] ab [illegible] a [illegible]	724,190,670.66	793,561,947.97	793,561,947.97		
O [illegible] a ab [illegible]	1,434,593,185.87	1,467,133,622.51	1,467,133,622.51		
O [illegible] ab [illegible] B [illegible] a ab [illegible]					
L a ab [illegible]	32,788,255.14	34,289,431.32		32,418,807.58	1,870,623.74
L [illegible] a ab [illegible]	1,061,226,074.03	1,108,713,679.68	22,217,543.26	1,086,496,136.42	
S b a [illegible]	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

(III) Market risk

Ma [illegible] C a a [illegible] a a [illegible] a [illegible] a [illegible]

Items	Fair value as at the balance sheet date			
	Level 1 fair value measurement	Level 2 fair value measurement	Level 3 fair value measurement	Total
5. I . . . C a . . . a . a				
f	698,873,451.32			698,873,451.32
T . a . . . a . . . a . a				
a	1,356,963,677.12		3,210,764,390.09	4,567,728,067.21
6. H . . . a . . . a . ab			40,024,798.40	40,024,798.40
D . a . . . a . a . ab			40,024,798.40	40,024,798.40
T . a . ab . . . a . . . a . a				
a			40,024,798.40	40,024,798.40

Items	Closing fair value	Valuation technique
R ab a	2,437,994,963.68	T a a a a a a b .
E	527,509,366.89	T a a a a a a b .
S ba a a	202,612,876.71	T a x a
O	42,647,182.81	F I M a S , HANAQ C a a S P a, a a a a a b .

X. Related party relationships and transactions

(I) Related party relationships

1. Controlling shareholder

(1) C a C a

Controlling shareholder	Place of registration	Business nature	Registered capital	Holding proportion over the Company	Voting right proportion over the Company
				(%)	*(%)*
H a H	T x a C , Z a P	B	70,092,039.94	16.27	16.27

(2) T C a a C X a, 23.15% C a b a H a H .

2. Please refer to section VII of notes to the financial statements for details on the Company's subsidiaries.

3. Joint ventures and associates of the Company

P a VII a a a a C a a a a D a a a a a a a C a b ba a a :

Joint ventures or associates	Relationships with the Company
IWIP C a	A a.
HANAQ C a	T a a. A C a a a 8% O b 2021, a C a N b 2021.
P a C a	A a.
S P a.	T a a. A C a a a 5% Ma 2022, a C a A 2022.
L C a	A a.
TMR C a	J C a b a T M C ., L. (. TMC C a). A C a 70.00% TMC C a A 6, 2021, a C a

Joint ventures or associates	Relationships with the Company
Z[illegible] T[illegible] L[illegible] Ma[illegible] C[illegible], L[illegible] (T[illegible] L[illegible] C[illegible])	T[illegible] a[illegible] Q[illegible] X[illegible] a a[illegible] Q[illegible] A[illegible] 35.30% a[illegible] 17.88% [illegible], b[illegible] a[illegible] [illegible] a[illegible]
PHC C[illegible]	A[illegible]
H[illegible] I[illegible]	T[illegible] a[illegible] A[illegible] C[illegible] [illegible] a[illegible] 51% [illegible] A[illegible] 2022, [illegible] Ma[illegible] 2022.
N[illegible] T[illegible]	A[illegible]
PT W[illegible]aba N[illegible] I[illegible] (T[illegible] WBN C[illegible])	S[illegible] N[illegible] T[illegible]
V[illegible]	A[illegible]
PT W[illegible]a Ba[illegible] E[illegible] (T[illegible] WBE C[illegible])	S[illegible] V[illegible]
I[illegible] a H[illegible]	A[illegible]
G[illegible] T[illegible] H[illegible] L[illegible] Ba[illegible] Ma[illegible] T[illegible] C[illegible], L[illegible] (T[illegible] G[illegible] T[illegible] H[illegible])	S[illegible] a[illegible] G[illegible] T[illegible] L[illegible] I[illegible] F[illegible]
Y[illegible] T[illegible] J[illegible] T[illegible] E[illegible] C[illegible], L[illegible] (T[illegible] Y[illegible] T[illegible] J[illegible])	S[illegible] a[illegible] G[illegible] T[illegible] L[illegible] I[illegible] F[illegible]
Y[illegible] T[illegible] G[illegible] Wa[illegible] E[illegible] a P[illegible] T[illegible] C[illegible], L[illegible] (T[illegible] Y[illegible] T[illegible] G[illegible] Wa[illegible])	S[illegible] a[illegible] G[illegible] T[illegible] L[illegible] I[illegible] F[illegible]
Y[illegible] T[illegible] S[illegible] B[illegible] Ga C[illegible], L[illegible] (T[illegible] Y[illegible] T[illegible] S[illegible] B[illegible])	S[illegible] a[illegible] G[illegible] T[illegible] L[illegible] I[illegible] F[illegible]
A[illegible] H[illegible]	J[illegible]

4. *Other related parties of the Company*

Other related parties	Relationships with the Company
Q[illegible] J[illegible]	C[illegible] b[illegible] a[illegible] C[illegible] X[illegible]
A[illegible] H[illegible] N Ma[illegible] C[illegible], L[illegible] (A[illegible] H[illegible], a T[illegible] H[illegible] N Ma[illegible] C[illegible], L[illegible])	U[illegible] H[illegible]
G[illegible] H[illegible] C[illegible] O[illegible] Ma[illegible] C[illegible], L[illegible] (G[illegible] H[illegible] C[illegible])	U[illegible] H[illegible]
Z[illegible] B[illegible] E[illegible] Ma[illegible] C[illegible], L[illegible] (B[illegible] C[illegible])	A[illegible] H[illegible]
I[illegible] M[illegible] S[illegible] T[illegible] N E[illegible] C[illegible], L[illegible] (I[illegible] M[illegible] S[illegible])	U[illegible] H[illegible]
S[illegible] H[illegible] R[illegible] N E[illegible] Ma[illegible] C[illegible], L[illegible] (S[illegible] H[illegible] R[illegible]) I[illegible] M[illegible] H[illegible] R[illegible] N E[illegible] Ma[illegible] C[illegible], L[illegible] (I[illegible] M[illegible] H[illegible] R[illegible])	T[illegible] a[illegible] H[illegible] H[illegible] A H[illegible] H[illegible] a[illegible] A[illegible] 2022, [illegible] a[illegible] C[illegible] S[illegible] b[illegible] 2022.

Other related parties	Relationships with the Company
Guangxi Huayuan Nonferrous Metals Group Financial Co., Ltd. (Guangxi Huayuan)	Under the control of the Ultimate Holding Parent.
Guangxi Tin Nonferrous Exchange Limited Liability Company (Guangxi Tin Exchange)	Under the control of the Ultimate Holding Parent.

(II) Related party transactions

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

(1) Purchase of goods and receiving of services

Related parties	Content of transactions	Current period cumulative	Preceding period comparative
IWIP Co., Ltd.	Service	264,222,380.59	33,786,115.14
HANAQ Co., Ltd.	Service		3,252,026.40
Private Co., Ltd.	Goods	2,699,824.09	1,766,778.22
	Service	509,328.08	1,632,299.41
Special Private Co., Ltd.	Goods		1,447,251.33
Limited Co., Ltd.	Goods	13,804,456.64	25,664,986.02
Tianyuan B&M	Goods		1,511,492.04
Chengdu B&M	Goods		2,175,297.35
WBE Co., Ltd.	Energy	4,963,660.97	221,460.99
Guangxi Tin Holding	Goods	19,420,600.02	
	Processing fee	5,524,002.18	
		[Note]	
	Service	1,163,212.50	
Information Service	Goods	240,265.49	
Tin Limited Co., Ltd.	Goods	46,190,102.16	
	Processing fee	24,468,305.62	
		[Note]	
	Rental	3,333,827.51	
WBN Co., Ltd.	Goods	327,929,444.59	
Total		714,469,410.44	71,457,706.90

Note: The Company and its subsidiaries entered into a Guangxi Tin Holding and Tin Limited Co., Ltd. framework agreement, pursuant to which, the Company and its subsidiaries purchased 146,774,197.83 from Guangxi Tin Holding, 1,260,379,457.23 from Tin Limited Co., and sold 115,158,973.21 and 977,321,574.11 to them respectively. Additionally, pursuant to the above framework agreement, the Company and its subsidiaries provided guarantees to Guangxi Tin Holding and Tin Limited Co., and received guarantees from them.

(2) Sale of goods and rendering of services

Related parties	Content of transactions	Current period cumulative	Preceding period comparative
TMR Co., Ltd.	Goods, Service		1,280,810.94
Private Co., Ltd.	Goods	641,700,077.63	315,258,019.90
	Service, Rental	13,529,397.93	13,156,275.79
Limited Co., Ltd.	Goods	961,467,841.00	97,391,874.00
	Service	526,786.62	371,555.90
Branch of Co., Ltd.	Service	947.50	1,764.00

Related parties	Content of transactions	Current period cumulative	Preceding period comparative
T L- C a	G l	126,225,455.67	
	S	45,041,997.09	219,663.98
H a H l	G l	17,776.84	26,048.36
	S	247,049.12	166,055.36
PHC C a	S	3,335,223.21	500,603.57
T a B&M	G l		488,530,518.73
	P		394,435.21
C l B&M	G l		567,405,882.31
	P		331,224.87
I M a S a	G l	176,442,424.79	56,584,070.81
	S	597.50	
G a x H a C	S	18,147,897.17	154,755.50
H a I l a	G l	269,647,996.17	59,848,405.47
	S	4,002,090.00	1,277,120.00
A H a a	G l		1,911.51
WBE C a	P	7,839,757.68	
G a x H a a	S	45,718.78	
G a x T H	G l	78,312,200.91	
	S	80,883,852.33	
G a x T N E	G l	398.23	
	S	28,236,131.65	
Y T J	S	13,780,890.18	
Y T G Wa	S	6,450,791.57	
Y T S B	S	7,248,148.97	
T a		2,483,131,448.54	1,602,900,996.21

I a l , C a a l a 24,326,118.02 a b a P a C a a l 6,465,416.02 a b a T L- C a
a a a

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	hether the guarantee is mature
C[illegible] Xi[illegible]a, Q[illegible] J[illegible]a	T[illegible] C[illegible]a	Ba[illegible] C[illegible]a L[illegible] T[illegible]x[illegible]a[illegible] Sub-b[illegible]	B[illegible]	220,000,000.00 (A[illegible]a 4[illegible]a[illegible])	9/6/2022-10/20/2022	2/28/2023-4/18/2023	N
			L[illegible]	259,868,125.26 (USD37,312,713.62) (A[illegible]a 8[illegible]a[illegible])	5/23/2022-9/21/2022	1/31/2023-8/13/2023	N
			L[illegible] [illegible]a[illegible]	175,362,800.00 (I[illegible]: USD18,000,000.00) (A[illegible]a 2[illegible]a[illegible])	1/11/2022-12/27/2022	3/31/2023-3/27/2023	N
C[illegible] Xi[illegible]a, Q[illegible] J[illegible]a	T[illegible] C[illegible]a	S[illegible]a[illegible]a P[illegible] D[illegible] Ba C., L[illegible] J[illegible]ax[illegible] T[illegible]x[illegible]a[illegible] Sub-b[illegible]	B[illegible]	350,000,000.00 (A[illegible]a 3[illegible]a[illegible])	2/22/2022-12/30/2022	2/18/2023-12/18/2023	N
			L[illegible]	47,048,264.16 (USD6,755,343.33) (A[illegible]a 1[illegible]a[illegible])	5/31/2022	1/26/2023	N
C[illegible] Xi[illegible]a, Q[illegible] J[illegible]a	T[illegible] C[illegible]a	C[illegible]a C[illegible] Ba C., L[illegible] J[illegible]ax[illegible] T[illegible]x[illegible]a[illegible] Sub-b[illegible]	B[illegible]	260,000,000.00 (A[illegible]a 4[illegible]a[illegible])	8/17/2022-11/17/2022	6/27/2023-6/28/2023	N
C[illegible] Xi[illegible]a, Q[illegible] J[illegible]a	T[illegible] C[illegible]a	C[illegible]a M[illegible] Ba[illegible] C[illegible], L[illegible] J[illegible]ax[illegible] Ba[illegible]	B[illegible]	505,177,303.36 (I[illegible]: USD33,767,524.82) (A[illegible]a 6[illegible]a[illegible])	6/17/2022-8/16/2022	1/6/2023-5/24/2023	N
C[illegible] Xi[illegible]a			B[illegible]	30,000,000.00 (A[illegible]a 1[illegible]a[illegible])	12/30/2022	12/30/2023	N
C[illegible] Xi[illegible]a	T[illegible] C[illegible]a	Ba[illegible] C[illegible] [illegible]a[illegible] C., L[illegible] J[illegible]ax[illegible] T[illegible]x[illegible]a[illegible] Sub-b[illegible]	B[illegible]	274,000,000.00 (A[illegible]a 2[illegible]a[illegible])	11/2/2022-12/14/2022	6/9/2023-8/15/2023	N
C[illegible] Xi[illegible]a	T[illegible] C[illegible]a	H[illegible]ax[illegible]a Ba[illegible] C., L[illegible] J[illegible]ax[illegible] T[illegible]x[illegible]a[illegible] Sub-b[illegible]	B[illegible]	223,575,200.00 (I[illegible]: USD12,000,000.00) (A[illegible]a 3[illegible]a[illegible])	1/20/2022-11/14/2022	1/20/2023-6/23/2023	N
			L[illegible]	56,733,357.68 (USD8,145,960.67) (A[illegible]a 1[illegible]a[illegible])	11/14/2022	7/19/2023	N
C[illegible] Xi[illegible]a	T[illegible] C[illegible]a	C[illegible]a G[illegible]a[illegible]a Ba C., L[illegible] J[illegible]ax[illegible] Ba[illegible]	B[illegible]	100,000,000.00 (A[illegible]a 1[illegible]a[illegible])	12/2/2022	12/1/2023	N
C[illegible] Xi[illegible]a . . . . . H[illegible]a[illegible] Q[illegible]		Ba[illegible] B[illegible] C., L[illegible] Q[illegible] Ba[illegible]	B[illegible]	34,000,000.00 (A[illegible]a 1[illegible]a[illegible])	1/26/2022	1/25/2023	N
			Ba[illegible] a[illegible]a	176,000,000.00 (A[illegible]a 50[illegible]a[illegible])	9/29/2022-10/12/2022	4/12/2023-9/29/2023	N
			L[illegible]	266,705,250.18 (I[illegible]: USD1,149,419.95) (A[illegible]a 4[illegible]a[illegible])	4/18/2022-4/19/2022	2/27/2023-5/15/2023	N
C[illegible] Xi[illegible]a . . . . . H[illegible]a[illegible] Q[illegible]		C[illegible]a G[illegible]a[illegible]a Ba C., L[illegible] J[illegible]ax[illegible] Ba[illegible]	L[illegible]	147,647,695.62 (USD21,199,738.05) (A[illegible]a 4[illegible]a[illegible])	10/13/2022-12/13/2022	7/4/2023-9/1/2023	N
			Ba[illegible] a[illegible]a	25,500,000.00 (A[illegible]a 1[illegible]a[illegible])	9/28/2022	9/28/2023	N
C[illegible] Xi[illegible]a . . . . . H[illegible]a[illegible] Q[illegible]		I[illegible] [illegible]a[illegible] C[illegible]a Ba C[illegible]a L[illegible] Q[illegible]a Sub-b[illegible]	B[illegible]	532,500,000.00 (A[illegible]a 11[illegible]a[illegible])	7/16/2021-7/29/2022	1/14/2023-7/29/2024	N
C[illegible] Xi[illegible]a, H[illegible]a[illegible] H[illegible]	H[illegible]a[illegible] Q[illegible]	Ba[illegible] C[illegible] [illegible]a[illegible] C., L[illegible] Q[illegible] Ba[illegible]	B[illegible]	400,000,000.00 (A[illegible]a 4[illegible]a[illegible])	3/15/2022	3/2/2023-3/11/2023	N
			L[illegible]	263,430,000.00 (A[illegible]a 5[illegible]a[illegible])	6/29/2022-10/14/2022	7/25/2023-12/25/2023	N
C[illegible] Xi[illegible]a . . . . . H[illegible]a[illegible] Q[illegible]		T[illegible] Ex[illegible]-I[illegible] Ba C[illegible]a Z[illegible]a[illegible] Ba[illegible]	B[illegible]	872,292,000.00 (I[illegible]: USD20,000,000.00) (A[illegible]a 9[illegible]a[illegible])	3/31/2022-12/22/2022	3/17/2023-12/6/2024	N
			L[illegible]	44,158,873.57 (USD6,340,475.20) (A[illegible]a 1[illegible]a[illegible])	8/18/2022	1/23/2023	N

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	hether the guarantee is mature
C Xu a, Q J a	H a Q	S a a P D . Ba C ., L Q S b-b-a					

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	hether the guarantee is mature
Hua Hui	Tai Cang / Cang Bao [N.]	SINO IC Lea Co., Ltd.	Fa a	293,403,000.00 (A. a 1.a a.)	5/12/2022	5/12/2023-5/11/2025	N
Hua Hui	Tai Cang / Cang Bao [N.]	CMB Fa a Lea Co., Ltd.	Fa a	202,158,672.21 (A. a 1.a a.)	1/7/2022	1/7/2023-1/7/2025	N
Hua Hui	Zha a Bao [N.]	Sha a Pu Dong Da Ba Co., Ltd. Qi Sub-ba	Bo	365,597,821.24 (A. a 13.a a.)	8/4/2022-12/31/2022	6/20/2024-12/20/2026	N
Cheng Xu a, Qi Jia	CDM Cai	Cha Co. Ba Co., Ltd. Jiax Tu xa Sub-ba	Bo	32,234,500.00 (USD4,628,334.72) (A. a 1.a a.)	6/19/2020	6/18/2023	N
Cheng Xu a	Hua Cai	Tai Ex -I Ba Cha a Zha a Ba	(Hua Shi a a) Bo	1,191,643,060.00 (USD171,100,000.00) (A. a 4.a a.)	10/27/2021-2/14/2022	3/21/2024-3/21/2029	N
		Cha Co. Ba Co., Ltd. Jiax Tu xa Sub-ba		821,822,800.00 (USD118,000,000.00) (A. a 2.a a.)	10/28/2021-1/30/2022	3/21/2024-3/21/2029	
		An hu a Ba Cha Li . Tu xa Sub-ba		410,911,400.00 (USD59,000,000.00) (A. a 2.a a.)	10/29/2021-2/11/2022	3/21/2024-3/21/2029	
		Cha Ma Ba Co., Ltd. Sha a P. F Tai Z Ba		410,911,400.00 (USD59,000,000.00) (A. a 2.a a.)	10/29/2021-2/15/2022	3/21/2024-3/21/2029	
		P A Ba Co., Ltd. Ha Ba		205,455,700.00 (USD29,500,000.00) (A. a 2.a a.)	10/29/2021-1/18/2022	3/21/2024-3/21/2029	
		Cha E bo Ba Co., Ltd. Ha Ba		82,182,280.00 (USD11,800,000.00) (A. a 2.a a.)	11/1/2021-2/11/2022	3/21/2024-3/21/2029	
Cheng Xu a	Hua I a	An hu a Ba Cha Li . Zha a Ba	Bo	285,024,862.08 (USD40,924,800.00) (A. a 1.a a.)	6/30/2022	6/30/2026	N
Cheng Xu a	Ru Ru	Ba Bei Co., Ltd. Qi Ba	Bo	141,000,000.00 (A. a 9.a a.)	10/14/2022-11/28/2022	4/21/2023-12/27/2023	N
Cheng Xu a	Ru Ru	Ind a and Co a Ba Cha Li . Qi a Sub-ba	Bo	94,500,000.00 (A. a 2.a a.)	12/26/2018-5/27/2022	5/24/2023-5/24/2024	N
Cheng Xu a	Hua a Co	Ka I . (Hu Kong) Li .	Bo	348,230,000.00 (USD50,000,000.00) (A. a 1.a a.)	3/11/2020	3/11/2023	N
Cheng Xu a, Hua Hui	Tai Cang / Tai Bao [N.]	Ba Bei Co., Ltd. Tai Hu a Sub-ba	Bo	100,000,000.00 (A. a 1.a a.)	12/29/2022	12/26/2023	N
Cheng Xu a	Tai Cang	Ind a and Co a Ba Cha Li . Tu xa Sub-ba	Fa a x a	17,132,916.00 (USD2,460,000.00) (A. a 1.a a.)	9/21/2022	6/30/2023	N
Tha				15,221,915,014.80			

Note: Tai Cang a a a a Cang Bao, Tai Bao Ba, Zha a Bao, a Hua Hui ..... a a a a Cang a .

4. Call loans between related parties

Related parties	Opening balance	Increase [Note]	Decrease	Closing balance
Ca a a.				
N T	14,107,267.34	505,932,305.40		520,039,572.74
H a H		2,940,250,000.00	2,879,475,000.00	60,775,000.00
B C a		800,000,000.00	800,000,000.00	
S b. a	14,107,267.34	4,246,182,305.40	3,679,475,000.00	580,814,572.74
Ca a a.				
IWIP C a	177,116,946.00	16,359,642.00		193,476,588.00
V	104,357,457.60	9,639,115.20		113,996,572.80
I a H a.	3,187,850.00	294,450.00		3,482,300.00
A a H a		7,661,060.00		7,661,060.00
S b. a	284,662,253.60	33,954,267.20		318,616,520.80

Note: C a a x a a.

I , C a a 4,850,050.65 a . H a H a 96,666.67 a . B C a . A ba a . a. , C a a a ab a. a .

I , C a 13,744,035.66 a V . A ba a . a. , C a a ab a. a .

5. Assets transfer and debt restructuring of the related parties

Related parties	Content of related party transactions	Current period cumulative	Preceding period comparative
IWIP C a	A a		900,101.04
G a x H a	A		674,204.64
C a	a		
Ha H a	A T a B&M		1,351,200,000.00
H a H	Sa H b X	24,500,000.00	
	Sa H b Y x	1,000,000.07	
	Sa a	3,584.07	
G a x T N E	Sa a	185,828.70	
T L- C a	Sa a	1,206,506.20	
Y T G Wa	Sa a	7,017.70	
G a x H a a	A a	344,742.94	
S b. a		27,247,679.61	1,352,774,305.68

6. Key management's emoluments

U : a

Items	Current period cumulative	Preceding period comparative
K a a .'	7,396.57	5,711.48

7. Other related party transactions

P a P a J . Ex a I R a. Pa a R a. Pa T a . b a. a a b . 28. B a D . a. Ja a 28, 2022, C a a . a a H a H . H a Ya . P a . x B a D . B . H S & T C ., L. a. Ja a 28, 2022, - b a H a Ya . b . a. . a a a a a a a x a ba . a . a a , a . 487.83 a (. O . b 31, 2021 a . b a a .). T a . a H a Ya a 350.00 a . 427.87 a , a a a . a 51.92 a b b b C a 120.00 a , a a a . a 25.96 a b b b H a H 60.00 a . A ba a . a. , C a a a a . b . 120.00 a .

(III) Balance due to or from related parties

1. Balance due from related parties

Items	Related parties	Closing balance		Opening balance	
		Book balance	Provision for bad debts	Book balance	Provision for bad debts
A . ab	L C a	240,641,180.00	12,032,059.00	47,433.04	2,371.65
	I M , a H R a			162,000.00	162,000.00
	S a H R a			474,200.00	474,200.00
	H a H			5,006.68	250.33
	P a C a	42,631,305.31	2,131,565.27	14,679,082.10	733,954.10
	B C a			1,394.96	69.75
	T L- C a	63,633,497.32	3,181,674.87	174,645.97	8,732.30
	H a I a			157,224.76	7,861.24
	WBE C a	4,875,320.90	243,766.04		
	G a x H a C	19,471,470.23	973,573.51		
	G a x T H	223,788,646.91	11,189,432.35		
	G a x T N E	30,083,911.85	1,504,195.59		
	I M , a S a	633.35	31.67		
	Y T J	6,019,493.56	300,974.68		
	Y T G Wa	4,258,269.05	212,913.45		
	Y T S B	602,265.24	30,113.26		
S b. a		636,005,993.72	31,800,299.69	15,700,987.51	1,389,439.37
R ab	I M , a S a			9,000,000.00	
a	G a x T H	3,813,448.00			
	T L- C a	68,817,491.25			
S b. a		72,630,939.25		9,000,000.00	
A a a	A a H a	5,223,450.00			
S b. a		5,223,450.00			

Items	Related parties	Closing balance		Opening balance	
		Book balance	Provision for bad debts	Book balance	Provision for bad debts
D. ..ol ol ..ab	L .. C .a.	163,980,830.12			
Sb. .a		163,980,830.12			
O. f .. ab ...	I ol .a Ha.	3,482,300.00	1,741,150.00	3,187,850.00	637,570.00
	T. L.- C .a.			72,019.20	3,600.96
	A a H. a	7,661,060.00	383,053.00		
	G a x T. H ..	52,776.39	2,638.82		
Sb. .a		11,196,136.39	2,126,841.82	3,259,869.20	641,170.96
L ..- ..	IWIP C .a.	193,476,588.00		177,116,946.00	
.. ab	V ..	113,996,572.80		104,357,457.60	
Sb. .a		307,473,160.80		281,474,403.60	

2. Balance due to related parties

Items	Related parties	Closing balance	Opening balance
N .. a ab	T. L.- C .a.	4,883,507.46	
Sb. .a		4,883,507.46	
A .. a ab	IWIP C .a.	5,469,940.00	31,602,903.70
	WBE C .a.		47,517.57
	L .. C .a.	3,503,124.74	7,439,051.94
	S f P f .a		55,269.00
	G a x T. H ..	185,708,233.47	
	P a C .a.	21,604.92	
	T. L.- C .a.	1,246,063,814.14	
	WBN C .a.	324,716,695.43	
Sb. .a		1,765,483,412.70	39,144,742.21
A ol a .. .. ol	H a .. I ol .a		641,739,400.77
Sb. .a			641,739,400.77
C .a. .ab	S f P f .a		127,370.00
	I .. M .. a		49,200.00
	S f a		
Sb. .a			176,570.00
O. f .. a ab	N .. ol T f ..	520,039,572.74	14,107,267.34
	H a .. H ol ..	60,775,000.00	
	T. L.- C .a.	64,363.68	
Sb. .a		580,878,936.42	14,107,267.34

XI. Share-based payment

(I) Overall information

1. Details

Items	The Company	
R a a 2021		
T a		
T a	R a	2,588,196 a
T a x	R a	418,080 a
R a a 2021		
T a		
T a	R a	543,465 a
T a x	R a	130,910 a
R a a 2021		
T a		
T a		
T a x	R a	24,180 a
R a a 2022		
T a	R a	10,487,900 a
T a		
T a x	R a	101,200 a
R a a 2022		
T a	R a	2,035,800 a
T a		
T a x		
T a		
T a	R a	12,523,700 a
T a	R a	3,131,661 a
T a x	R a	674,370 a
T a x a		

Items

The Company

(II) Equity-settled share-based payment

The Company's restricted shares

D [illegible]	T [illegible]
D [illegible]	Ba [illegible], a [illegible]
R [illegible]	N
Ca [illegible]	499,031,798.61
T [illegible]	385,245,312.46

XII. Commitments and contingencies

(I) Significant commitments

T [illegible] A [illegible] USD760,000,000. T Ex-I Ba C Z B (Ma [illegible] L A A L), C C Ba C., L. J T S b-b (C - A A L), Ba C (H K) L. J B (D S A., D L A D O Ba), A Ba C L. T S b-b (L), C M Ba C., L. S P. F T Z B (L), P A Ba C., L. Ha Ba (L) a C E Ba C., L. Ha Ba (L) S b 30, 2021.

P [illegible] (H K) L. J B, H C [illegible] L A USD760,000,000. H C [illegible], [illegible] 437,272,900.61 .

(II) Contingencies

A D b 31, 2022, [illegible] GENILAND [illegible] CDM C [illegible]:

GENILAND CDM C [illegible] CDM C ' M C N. 527 [illegible] (a), [illegible] USD22.65 [illegible] D R b C (DRC), CDM C [illegible] USD9,935,084 . GENILAND. CDM C [illegible] A L O I Z H C Ba C., L.

D a R b C b E C ba D a a, a a E M W a a & A A 2020, a ba a GENILAND' a :

A A 64 2002 M C , x a. x a , a a , x a. , , a x a. a b a . CDM C a , a M C N . 527, a . a a a . A GENILAND a (a) Ma 25, 2012, a. a a CDM C a a M C N . 527, GENILAND a . a a a a a x a. b CDM C a x a. a a , a a a. ba .

GENILAND a a USD22.65 . H , a A 281 2002 M C , a a. a a b . a a a a a. (50%). Ba a b DRC a S b 2020 a a a. b La B a a a a. , a a a a a a a a a 26.83 a , a ax a a . x USD32,196.00 a a ab - a. a a.

I a , C a b a. ab a a. ab a a a a .

XIII. Other significant events

(I) Significant non-adjusting events

T C a R A a I a P b O G ba D a R a L SIX S Ex a AG b Z a H a C ba C ., L. (Z J a X K [2023] N . 708) b C a S R a. C Ma 30, 2023. P a , C a a A a 100.00 a , , ba (GDR) a b a 50.00 a ba a. b C a. I a. b a , b GDR b a a. A , C a ' a a b SIX S Ex a AG. A a a a GDR a SIX S Ex a AG, b. b.a a a a a. 8 W , .

(II) Profit distribution after the balance sheet date

P b b. T C a a. b a 2 a (ax) 10 a a a a. a a a. 10% a b a a 2022. S b. a b b a a a a.

XIV. Other significant events

(I) Segment information

T C a ' a b a a a ba , , , a a a a , a a a , a a a a a a a ba . T , C a . P a V (II) 1 a a a a C a ' a . a a a b / a a .

(II) Leases

1. The Company as lessee

(1) P a V (I) 16 a a a a a .

(2) P a III (XXIX) a a a a a C a ' a a a a a a a

(2) A

Items	Closing balance	December 31, 2021
F	9,401,223.41	12,716,111.26
S	9,401,223.41	12,716,111.26

P V (I) 14

(3) U

Remaining years	Closing balance	December 31, 2021
W 1		41,666.67
T		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) D

1) D

	Opening balance				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion	Carrying amount
				(%)	
A	402,048.00	0.09	402,048.00	100.00	
A	454,917,235.88	99.91	4,286,190.59	0.94	450,631,045.29
T	455,319,283.88	100.00	4,688,238.59	1.03	450,631,045.29

(C)

	Opening balance				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion	Carrying amount
				(%)	
A	6,885,027.34	1.83	6,885,027.34	100.00	
A	368,669,867.08	98.17	8,062,408.23	2.19	360,607,458.85
T	375,554,894.42	100.00	14,947,435.57	3.98	360,607,458.85

2) A ab a a ba

Debtors	Book balance	Provision for bad debts	Provision proportion	Reasons for provision made
			(%)	
O.	402,048.00	402,048.00	100.00	T ba a a b. a.
Sb. a	402,048.00	402,048.00		

3) A ab ba b. a a ba

Items	Closing balance		
	Book balance	Provision for bad debts	Provision proportion
			(%)
P a	84,565,443.23	4,286,190.59	5.07
P ba a a. a a la.	370,351,792.65		
Sb. a	454,917,235.88	4,286,190.59	0.94

4) A ab a a ba a a

Ages	Closing balance		
	Book balance	Provision for bad debts	Provision proportion
			(%)
W 1 a	84,504,476.46	4,225,223.82	5.00
O 3 a			

(3) C a ba b.

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others	Reversal	rite-off	Others	
R ab a a a ba	6,885,027.34					6,482,979.34		402,048.00
R ab a a ba	8,062,408.23	-3,776,217.64						4,286,190.59
T a	14,947,435.57	-3,776,217.64				6,482,979.34		4,688,238.59

(4) A ab

1) A ab a a 6,482,979.34
a .

(2) N a. a ba a a a

(3) O. ab

1) D a

a. D a a.

	Closing balance				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion	Carrying amount
				(%)	
R ab a a a ba					
R ab a a					
ba	5,812,458,918.48	100.00	1,039,542.57	0.02	5,811,419,375.91
T a	5,812,458,918.48	100.00	1,039,542.57	0.02	5,811,419,375.91

(C)

	Opening balance				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion	Carrying amount
				(%)	
R ab a a a ba					
R ab a a					
ba	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

b. O. ab a a ba

	Closing balance		
Portfolios	Book balance	Provision for bad debts	Provision proportion
			(%)
P ba a a. a a a	5,806,177,352.89		
P a	6,281,565.59	1,039,542.57	16.55
I : W 1 a	3,826,550.55	191,327.53	5.00
1-2 a	2,008,500.00	401,700.00	20.00
O 3 a	446,515.04	446,515.04	100.00
S b. a	5,812,458,918.48	1,039,542.57	0.02

2) A a a

Ages	Closing book balance
W 1 a	4,979,367,494.63
1-2 a	829,019,599.18
2-3 a	23,190.40
O 3 a	4,048,634.27
T a	5,812,458,918.48

3) C a ba l b.

Items	Stage 1	Stage 2	Stage 3	
	12-month expected credit losses	Lifetime expected credit losses (credit not impaired)	Lifetime expected credit losses (credit impaired)	Total
O ba a	487,089.55	800,000.00	375,360.33	1,662,449.88
O ba a f l				
T-a l a 2	-100,425.00	100,425.00		
T-a l a 3		-223,257.52	223,257.52	
R l a 2				
R l a 1				
P a l f l	-195,337.02	-275,467.48	-152,102.81	-622,907.31
P l f l				
P l f l				
P f l				
O a				
C ba a	191,327.53	401,700.00	446,515.04	1,039,542.57

4) N f ab a a f l.

5) O. f ab a. l b a.

Nature of receivables	Closing balance	Opening balance
S l	3,864,319.81	10,916,715.99
T a b	5,806,544,968.39	3,104,501,272.67
P a	2,039,779.64	1,099,000.00
O.	9,850.64	8,280.66
T a	5,812,458,918.48	3,116,525,269.32

6) D a f 5 l b. f a ba a

Debtors	Nature of receivables	Book balance	Ages	Proportion to the total balance of other receivables	Provision for bad debts
				(%)	
H a H K T a b		1,920,142,158.50	W f 1 a	33.03	
T x a H a f a T a					

Debtors	Nature of receivables	Book balance	Ages	Proportion to the total balance of other receivables	Provision for bad debts
				(%)	
Hua Nan E...	T... b...	1,087,862,606.98	W... 1 a...	18.72	
Guangxi Hua E...	T... b...	280,148,041.32	W... 1 a...: 212,293,112.38 a, 1-2 a...: 67,854,928.94 a	4.82	
Tianjin Hua...	T... b...	211,000,601.37	W... 1 a...	3.63	
Sub...		4,966,718,732.07		85.45	

3. *Long-term equity investments*

(1) Da...

Items	Closing balance			Opening balance		
	Book balance	Provision for impairment	Carrying amount	Book balance	Provision for impairment	Carrying amount
I... b...	20,482,717,464.96		20,482,717,464.96	13,038,601,252.16	518,166.20	13,038,083,085.96
I... a...	3,275,579,013.84		3,275,579,013.84	598,430,946.19		598,430,946.19
Ta...	23,758,296,478.80		23,758,296,478.80	13,637,032,198.35	518,166.20	13,636,514,032.15

(2) I... b...

Investees	Opening balance	Increase	Decrease	Closing balance	Provision for impairment made in the current period	Closing balance of provision for impairment
L... Cba...	33,171,333.03			33,171,333.03		
Hua I... & Ex...	100,587,951.00			100,587,951.00		
Hua 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		
Hua Q...	2,488,000,000.00			2,488,000,000.00		
Hua M... H... K...	3,871,579,971.51	4,163,031,270.00		8,034,611,241.51		
N... E... Q...	1,770,000,000.00	130,000,000.00		1,900,000,000.00		
Hua R...	1,250,000,000.00			1,250,000,000.00		
Hua N... E...	700,000,000.00	1,240,248,109.00		1,940,248,109.00		
Y... T...	2,850,000.00	2,850,000.00		5,700,000.00		
Tianxia Hua'a...	1,140,000.00	1,710,000.00		2,850,000.00		
B... Y...	1,710,000.00			1,710,000.00		
Guangxi Hua E...	50,000,000.00			50,000,000.00		
Guangxi B&M...	100,000,000.00	1,499,000,000.00		1,599,000,000.00		
Tianxia Hua...	18,040,800.00			18,040,800.00		
Tianxia Hua'a...	18,040,800.00			18,040,800.00		

Investees	Opening balance	Increase	Decrease	Closing balance	Provision for impairment made in the current period	Closing balance of provision for impairment
W[illegible] Hu[illegible]a ...	25,500,000.00				25,500,000.00	
T[illegible]a B&M...	1,351,200,000.00				1,351,200,000.00	
R[illegible] R[illegible] ...	50,000,000.00	88,000,000.00		138,000,000.00		
Gu[illegible]x L[illegible] ...		265,000,000.00		265,000,000.00		
T[illegible]xa Hu[illegible]a ...		5,100,000.00		5,100,000.00		
T[illegible]xa Hu[illegible] ...		34,695,000.00		34,695,000.00		
Hu[illegible] Y[illegible] ...		1,000,000.00	1,000,000.00			
Gu[illegible]x Hu[illegible] N Ma[illegible] ...		15,000,000.00		15,000,000.00		
Su[illegible] ...	13,038,083,085.96	7,445,634,379.00	1,000,000.00	20,482,717,464.96		

(3) I[illegible]

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
A[illegible] ...					
Q[illegible] A[illegible] ...	598,430,946.19			-4,312,884.44	
Gu[illegible]x T[illegible] L[illegible] I[illegible] Ma[illegible] C[illegible] ...		710,488,575.00		-1,733,821.53	
Gu[illegible]x T[illegible] L[illegible] I[illegible] Fu[illegible] ...		660,800,000.00		-2,809,341.58	
Hu[illegible] X[illegible] ...		24,500,000.00	23,342,636.19	-1,157,363.81	
Hu[illegible] Ya[illegible] ...		120,000,000.00		11,053,666.21	
Q[illegible] X[illegible] a ...		1,189,000,000.00		-6,164,904.72	
Z[illegible] P[illegible] I[illegible] ...		1,800,000.00			
T[illegible]xa L[illegible] T[illegible] ...				-19,474.44	
T[illegible] ...	598,430,946.19	2,706,588,575.00	23,342,636.19	-5,144,124.31	

(C[illegible])

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		
A[illegible] ...						
Q[illegible] A[illegible] ...					594,118,061.75	
Gu[illegible]x T[illegible] L[illegible] I[illegible] Ma[illegible] C[illegible] ...					708,754,753.47	
Gu[illegible]x T[illegible] L[illegible] I[illegible] Fu[illegible] ...					657,990,658.42	
Hu[illegible] X[illegible] ...						
Hu[illegible] Ya[illegible] ...	-953,746.85				130,099,919.36	
Q[illegible] X[illegible] a ...					1,182,835,095.28	
Z[illegible] P[illegible] I[illegible] ...					1,800,000.00	
T[illegible]xa L[illegible] T[illegible] ...					-19,474.44	
T[illegible] ...	-953,746.85				3,275,579,013.84	

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

1. Operating revenue/Operating cost

(1) D .a

Items	Current period cumulative		Preceding period comparative	
	Revenue	Cost	Revenue	Cost
Ma	3,802,289,804.22	2,675,631,158.21	3,214,350,884.78	1,984,069,994.65
O	972,736,669.35	628,756,575.19	122,064,911.41	40,059,139.61
T .a	4,775,026,473.57	3,304,387,733.40	3,336,415,796.19	2,024,129,134.26
I : R [N .] . .	4,771,153,224.45	3,301,940,449.96	3,329,989,151.85	2,018,947,056.34

Note: T

(2) B a b a a.

1) B a b

Items	Current period cumulative		Preceding period comparative	
	Revenue	Cost	Revenue	Cost
C ba	3,795,614,454.67	2,671,456,042.28	3,086,043,659.84	1,855,641,726.75
O	975,538,769.78	630,484,407.68	243,945,492.01	163,305,329.59
S b. .a	4,771,153,224.45	3,301,940,449.96	3,329,989,151.85	2,018,947,056.34

2) B a b a.

Items	Current period cumulative		Preceding period comparative	
	Revenue	Cost	Revenue	Cost
D	3,436,683,133.83	2,404,454,592.80	2,530,229,591.22	1,525,522,545.78
O a	1,334,470,090.62	897,485,857.16	799,759,560.63	493,424,510.56
S b. .a	4,771,153,224.45	3,301,940,449.96	3,329,989,151.85	2,018,947,056.34

3) B a b a

Items	Items	Current period cumulative	Preceding period comparative
R a. a		4,771,153,224.45	3,329,989,151.85
S b. .a		4,771,153,224.45	3,329,989,151.85

(3) C .a . ab . . f ba a 3,3[illegible]

Items	Amount	Remarks
Ga [illegible]		
[illegible]	-290,225,260.27	
T [illegible]		
Ga [illegible]		
Ga [illegible]		
Ga [illegible]		
Ma [illegible]		
O. [illegible]	-11,782,650.22	
O. [illegible]		
Si b. a	-130,005,724.52	
L : E [illegible]	13,385,122.11	
N - [illegible]	-72,904,661.25	
N . [illegible]	-70,486,185.37	

(II) ROE and EPS

1. Details

Profit of the reporting period	eighted average ROE	EPS (yuan/share)	
		Basic EPS	Diluted EPS
	(%)		
N [illegible]	17.15	2.48	2.48
N [illegible]	17.45	2.52	2.52

2. Calculation process of weighted average ROE

Items	Symbols	Current period cumulative
N [illegible]	A	3,909,880,668.82
N [illegible]	B	-70,486,185.37
N [illegible]	C=A-B	3,980,366,854.19
O [illegible]	D	19,383,590,924.55

Items		Symbols	Current period cumulative
N . a . . a . . br . ab .	C . . . . . b	E1	1,180,446.72
	N . b	F1	3
	D . . . . . a .	E2	2,508,420.00
	N . b	F2	6
N . a . . a . . br . ab .	Ca . . . . . a . . a . .	G1	366,286,614.90
	N . b		
	br 9	T . . .	Ta . . . - 9

Items	Symbols	Current period cumulative
E - ba a x (a 2021)	I3	177,007,613.21
N b x a a a a a a a	J3	6
E - ba a x (a a 2022)	I4	203,287,228.80
N b x a a a a a a a	J4	3
E - ba a x (a 2022)	I5	4,950,470.45
N b x a a a a a a a	J5	
I ax x -ax b a a a a x (a 2021)	I6	-6,747,052.34
N b x a a a a a a a	J6	6
A a a (a a) a - H a N E	I7	-350,087,848.89

Items	Symbols	Current period cumulative
Nt b . f . x. . f f . f . a . . f a ol ol a ol . . f ol . f . ol	J7	6
Ad . . a . a (a . a .) o . a . - . . F a M .	I8	-20,540,309.49
Nt b . f . x. . f f . f . a . . f a ol ol a ol . . f ol . f . ol	J8	7
Ad . . a . a (. f a . a .) o . . f . f a . a. H a Ya f	I9	-953,746.85
Nt b . f . x. . f f . f . a . . f a ol ol a ol . . f ol . f . ol	J9	8
Ad . . a . a (a . a .) o . . a . . P . L . f	I10	9,555,905.33
Nt b . f . x. . f f . f . a . . f a ol ol a ol . . f ol . f . ol	J10	6
Ad . . a . a (a . a .) o . . f a . f . b . a N E . Q f	I11	149,587,503.23
Nt b . f . x. . f f . f . a . . f a ol ol a ol . . f ol . f . ol	J11	
U . f . ba. f)	I12	74,838,682.80

Items	Symbols	Current period cumulative
N b x a a a a a a a	J12	5
U a (. ba.)	I13	22,382,397.00
N b x a a a a a a a	J13	1
S a	I14	10,700,890.40
N b x a a a a a a a	J14	6
O. a a a a. a a	I15	2,513,800.00
N b x a a a a a a a	J15	6
O. b b	I16	1,490,112,966.16
N b x a a a a a a a	J16	9
N b	K	12
W a a . a	L= D+A/2+ E F/K- G H/K I J/K	22,804,069,537.51
W a a ROE	M=A/L	17.15
W a a ROE a	N=C/L	17.45

3. Calculation process of basic EPS and diluted EPS

(1) Ca l l a. ba EPS

Items	Symbols	Current period cumulative
N a b ab f a f a	A	3,909,880,668.82
N	B	-70,486,185.37
N a b ab f a f a a f	C=A-B	3,980,366,854.19
O ba a a a	D	1,213,283,723.00
N b a a a	E	363,871,315.00
a a a a a a		
N b a a U 30% f a f a a b a a 2021	F1	2,588,196.00
f a N b f x f a a f	G1	5
C b b f a	F2	13,730.00
N b f x f a a f	G2	3
U 30% f a f a a f 2021	F3	543,465.00
N b f x f a a f	G3	1
N b a a a f a	H	
N b f x f f f a a f	I	
N b a a f	J	
N b f	K	12
W f a a a a f	L=D+E+F G/K-H I/K-J	1,578,282,174.25
Ba EPS	M=A/L	2.48
Ba EPS a	N=C/L	2.52

(2) Ca a. EPS

Items	Symbols	Current period cumulative
N a b ab a a	A	3,909,880,668.82
N a b a a	B	
D a b ab a a	C=A-B	3,909,880,668.82
N	D	-70,486,185.37
D a b ab a a a	E=C-D	3,980,366,854.19
W a a a a	F	1,578,282,174.25
W a a a a a , , b b ,	G	703,458.33 [N]
W a a a a	H=F+G	1,578,985,632.58
D EPS	M=C/H	2.48
D EPS a	N=E/H	2.52

Note: A V (I) 35 a a a C a b a b 67,655,786.25 a a a 261,253,622.68 a A EPS a a a a ba EPS, a a a a a EPS a a a a EPS.

Z a H a C ba C ., L.
A 26, 2023