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PCCPAAR [2022] N . 10426

(I) Revenue recognition

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

1. K a a

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

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

A a , b a C a , a C a ' a a (Ma a) a a a a a , a a a , a a a , a a a a a .

2. R a a

O a a a :

(II) Net realizable value of inventories

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

1. K a a

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

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

A ba a a, a Ma a ' ra ba . Ba Ma a ba a a, a a a

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

T Ma a b r ar a a a a
a r C A , , S a ar B E r , a a
, , a a a r a r a
a a a a ar r a r a a , r a r
r.

I r ar , a a a , Ma a b r a ,
C a ' ab , a a , r , , a ab , a r r a
, , r a , , , r ba a , , , Ma a
r a r a , a C a r a ra , r a r a
a r a b .

T a a r ar r b r r , C a ' a a
r r , r .

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

O r b a r a ab a , r a ab , r a a a a
a a ar r a r a a , r a r a r r, a , ,
a a r' r a , r . R a ab a , ra a a
a , ra , b a , ara a a a r a C a
S a ar A , a a a a r a a r .

a aa2 aa 2 a 2a 2a 875 a 75 75 .8(a 1 -2 1 1 2 a 0 2 II 8 7 4 6 3 a a 7 2 a a a a 7 a a 7 a 7 a 7

(IV) E a , a ra f a , f , f a a a a a a , a f a f a a a a a f a a a f a a a f f a a a a f a a a f a .

(V) Ob a , a a a a f a a a f b a C a f a a a a a a . W ar f b f , , f a a f f a , f , a . W f a b f f a b .

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

W a f a ar , f a a a a a a f a a f , f a ar , a a , a a f a f a a f a f a a a f a f a a a f a f a

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

Liabilities & Equity	Note No.	Dec. 31, 2021	Dec. 31, 2020	Dec. 31, 2019
C, ff ab :				
S f- f b ff , . . .	21	8,083,779,844.70	5,862,436,627.54	5,914,977,746.01
H - f- fa , a a ab	22	360,612.00	23,939,270.26	
D f a a a ab	23	104,821,710.25		
N a ab	24	4,810,797,623.12	1,075,293,852.29	1,711,684,225.38
A , a ab	25	6,233,172,410.76	1,789,437,189.88	1,457,846,829.84
A a f	26	644,739,400.90	13,203,500.00	49,481,999.73
C ra ab	27	78,968,534.53	259,399,312.53	
E b a ab . .	28	477,791,587.03	246,927,241.56	150,675,728.77
Ta a ra a ab . .	29	1,053,002,433.60	498,051,676.99	180,632,990.49
O f a ab	30	1,434,593,185.87	769,409,094.84	622,534,152.84
L ab f a . . .
N - ff ab ar	31	2,635,957,985.64	1,448,009,624.78	1,210,911,594.48
O f ff ab . . .	32	4,147,523.95	4,503,600.24	
T a ff ab . . .		25,562,132,852.35	11,990,610,990.91	11,298,745,267.54
N - ff ab : . . .
L - f b ff , . . .	33	6,738,260,645.42	1,422,004,973.18	1,053,257,446.93
B a ab	34			
I , , : P f ff ar				
P f , a b				
L a ab	35	32,788,255.14		
L - f a ab	36	1,061,226,074.03	588,947,562.96	539,591,156.88
L - f b a ab				
P f	37	26,769,294.11	13,842,559.43	6,676,814.98
D ff	38	518,873,112.92	410,473,311.89	238,813,222.82
D ff a ab . . .	19	148,328,994.62	67,633,648.10	39,007,391.77
O f - ff ab				
T a - ff ab		8,526,246,376.24	2,502,902,055.56	1,877,346,033.38
T a ab		34,088,379,228.59	14,493,513,046.47	13,176,091,300.92
E , :				
S ar a a	39	1,221,228,483.00	1,141,261,526.00	1,078,671,471.00
O f , f . . .
I , , : P f ff ar				
P f , a b				
Ca a f f	40	10,218,296,584.42	3,879,698,604.43	2,606,657,306.83
L : Tf a , f ar	41	339,232,639.00		
O f f	42	-419,363,343.56	-145,993,159.83	175,226,158.57
S a f f	43	16,648,561.11	16,061,509.89	20,947,308.81
S f , f f	44	309,732,264.90	223,433,020.86	187,336,331.51
G ra f f . . . . .
U f b f	45	8,376,281,013.68	4,807,657,6960TD	49,387,746.01
T a , U 2.7(a ff)-		1 9 5 2 6 5 , 6 9		

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

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

Items	*Note No.*	Year 2021	Year 2020	Year 2019
I. O ra , r , ...	*1*	35,316,548,999.96	21,186,843,965.75	18,852,828,463.22
L : O ra	*1*	28,131,068,440.83	18,014,062,384.77	16,748,261,571.90
Ta a r an	*2*	303,960,188.10	193,966,925.99	253,765,969.12
S , ...	*3*	37,945,024.34	27,276,620.21	163,772,106.10
A ra	*4*	1,179,657,989.91	665,041,408.67	467,600,989.69
R&D	*5*	816,270,207.36	370,784,128.95	267,610,711.83
F a a	*6*	484,339,894.16	402,527,873.65	427,102,612.32
. . . . .				

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

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

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

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

Items	*Note No.*	Year 2021	Year 2020	Year 2019
I. O ra , r ,	*1*	3,336,415,796.19	2,156,799,651.82	2,654,640,029.92
L : O ra ,	*1*	2,024,129,134.26	1,280,463,979.94	2,130,027,655.51
Ta a , r a ,		8,731,409.47	2,618,404.52	7,172,319.62
S ,		4,350,060.34	2,426,372.86	11,270,218.28
A ra		357,922,675.89	190,024,233.58	150,872,538.77
R&D	*2*	136,031,825.10	108,564,076.27	134,890,710.27
F a a		123,147,032.84	222,471,349.47	182,756,641.37
I , : I r		148,201,610.85	156,928,524.38	162,191,053.07
I r		41,938,422.64	6,604,889.14	2,978,476.75
A : O r		6,518,959.11	15,010,388.99	11,119,873.73
I (r :)	*3*	263,037,586.70	46,192,071.04	-5,061,395.89
I , : I f a a a r		-3,406,932.38	-40,710.10	-2,080,415.06
Ga f r , a a a a f		-7,209,802.76	-7,503,599.99	-609,097.22
Ga r f (r :)				
Ga a , a f a , (r :)		8,254,968.09	-8,254,968.09	6,529,248.16
C r a f		1,557,346.12	252,397.51	-3,452,367.96
A a f		-130,024.83		-9,569,192.58
Ga a a (r :)				
II. O ra , r (r :)		961,342,493.48	403,431,124.63	37,216,111.56
A : N - ra , r ,		980,241.49	700,417.94	399,476.05
L : N - ra , , r		6,453,835.66	2,989,266.07	2,146,054.75
III. P f b f a (r : a)		955,868,899.31	401,142,276.50	35,469,532.86
L : I a		92,876,458.96	40,175,382.99	3,996,390.88
IV. N f (r :)		862,992,440.35	360,966,893.51	31,473,141.98
(I) Ca f b , ra				
1. N f f , ra (r :)		862,992,440.35	360,966,893.51	31,473,141.98
2. N f f , ra (r :)				
(II) Ca f b f , r				
1. N f a r b ab ar a (r :)				
2. N f a r b ab - f , ar f (r :)				
V. O f r f a r a		-4,103,575.00	-7,207,935.76	-28,688,489.24
I a r b ab ar a				

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

Items	*Note No.*	Year 2021	Year 2020	Year 2019
(I) N b a , b ,		-4,103,575.00	-7,207,935.76	-28,688,489.24
1. R a , b a				
2. I , a b a				

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

Items	*Note No.*	Year 2021	Year 2020	Year 2019
I. Ca [illegible] ra [illegible]				
a [illegible] :				
Ca [illegible] a [illegible]				
[illegible] a [illegible]				
[illegible]				

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

Items	*Note No.*	Year 2021	Year 2020	Year 2019
III. Ca [illegible] a [illegible] :				
Ca [illegible] ab [illegible]		6,596,635,884.32	1,204,746,609.41	1,563,724,352.85

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

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

Items	Year 2021	Year 2020	Year 2019
III. Ca [illegible] a [illegible] :			
Ca [illegible] ab [illegible] b [illegible]	6,298,026,626.56	794,279,997.74	
I [illegible] : Ca [illegible] b [illegible] a [illegible] - [illegible] a [illegible]			
Ca [illegible] b [illegible]	5,363,137,898.51	2,680,858,282.23	3,758,166,044.22
O [illegible] a [illegible] a [illegible]			
Ca [illegible] b [illegible]	2,689,101,342.07	2,569,0TD79 a.23	

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

Items	Year 2021												
	Equity attributable to parent company												
		Other equity instruments											
	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 ' a ' ' '

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

	Year 2021												
	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
(V) S [illegible]								587,051.22					587,051.22
1. A [illegible]								50,659,375.38					50,659,375.38
2. A [illegible]								-50,072,324.16					-50,072,324.16
(VI) O [illegible]												1,571,647,348.65	1,571,647,348.65
IV. Ba [illegible]	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 [illegible]: O [illegible]: H [illegible]:

Zhejiang Huayou Cobalt Co., Ltd.

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

Items	Year 2020												
	Equity attributable to parent company												
		Other equity instruments											
	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
(V) S[illegible]								-4,885,798.92					-4,885,798.92
1. A[illegible]								42,879,053.58					42,879,053.58
2. A[illegible]								-47,764,852.50					-47,764,852.50
(VI) O[illegible]												50,813,071.86	50,813,071.86
IV. Ba[illegible]	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

L[illegible]: O[illegible]: H[illegible]:

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

Items	Year 2019												
	Equity attributable to parent company												
		Other equity instruments											
	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 ' a ' ' '

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

	Year 2019												
	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
(V) S [illegible]								3,800,783.66					3,800,783.66
1. A [illegible]								43,456,974.57					43,456,974.57
2. A [illegible]								-39,656,190.91					-39,656,190.91
(VI) O [illegible]												-19,501,000.10	-19,501,000.10
IV. Ba [illegible]	1,078,671,471.00				2,606,657,306.83		175,226,158.57	20,947,308.81	187,336,331.51		3,678,911,443.81	2,343,143,006.34	10,090,893,026.87

L [illegible]: O [illegible]: H [illegible]:

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

Items	Year 2021										
		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 b r	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
A C a a a a											
E r r											
O r											
II. Ba a a b r	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 r 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 r									8,5045O 1	839383965.4(8TD[(7.02006344.7(T)69.6(aa)-3	

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

Items	Year 2019										
		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 ' ' d _ r r ' ar	829,747,285.00				2,344,696,930.87			16,416,325.60	182,633,133.09	1,282,589,541.87	4,656,083,216.43
Add: C r a ' a r ' a r _ _ '									1,555,884.22	14,002,958.01	15,558,842.23
Er r r ' _ r r ' d											
O ' r											
II. Ba a ' a ' b _ r r ' ar	829,747,285.00				2,344,696,930.87			16,416,325.60	184,189,017.31	1,296,592,499.88	4,671,642,058.66
III. C r ' _ r d r ' a ' (r ' : ' ' a ')	248,924,186.00				-248,924,186.00		-28,688,489.24	100,190.10	3,147,314.20	-54,648,900.72	-80,089,885.66
(I) T a _ r ' ' '							-28,688,489.24			31,473,141.98	2,784,652.74
(II) Ca _ a r b ' d r _ ' a b ' r											
1. Ord ar ar ' r b ' d b ' r											
II. B a a ' r b P r a O ' r 623	86,12-1.025706E r r r ' _ 1.(028.(A _ r J										

I [illegible] a R[illegible], R[illegible] C., L[illegible]. ([illegible] H[illegible] I[illegible] a R[illegible]), H[illegible] A[illegible] a, I. ([illegible] H[illegible] A[illegible] a), Sa a E[illegible] a [illegible] S.A. ([illegible] SESA C[illegible]), HANARI S.A. ([illegible] HANARI C[illegible]), H[illegible] R[illegible] P[illegible]. L[illegible]. ([illegible] H[illegible] S[illegible]), S[illegible] FC M[illegible] Ma[illegible] C., L[illegible]. ([illegible] S[illegible] FC), H[illegible] H[illegible] R[illegible] T[illegible] C., L[illegible]. ([illegible] H[illegible] R[illegible]), H[illegible] N[illegible] E[illegible] Ma[illegible] (Q[illegible]) C., L[illegible]. ([illegible] H[illegible] C[illegible]), Z[illegible] HUAYOU-POSCO N[illegible] E[illegible] Ma[illegible] C., L[illegible]. ([illegible] HUAYOU-POSCO), Q[illegible] H[illegible] N[illegible] E[illegible] T[illegible] C., L[illegible]. ([illegible] N[illegible] E[illegible]), H[illegible] C[illegible] & N[illegible] C., L[illegible]. ([illegible] C[illegible] & N[illegible]), H[illegible] I[illegible] a I[illegible] C., L[illegible]. ([illegible] I[illegible] a), H[illegible] N[illegible] R[illegible] D[illegible] C., L[illegible]. ([illegible] N[illegible] R[illegible]), H[illegible] N[illegible] I[illegible] C., L[illegible]. ([illegible] N[illegible] I[illegible]), H[illegible] N[illegible] C., L[illegible]. ([illegible] N[illegible]), H[illegible] I[illegible] a C[illegible] (H[illegible] K[illegible]) C., L[illegible]. ([illegible] I[illegible] a C[illegible]), H[illegible] C[illegible] C., L[illegible]. ([illegible] C[illegible]), J[illegible] H[illegible] E[illegible] T[illegible] C., L[illegible]. ([illegible] J[illegible] H[illegible]), H[illegible] I[illegible] a D[illegible] P[illegible]. L[illegible]. ([illegible] I[illegible] a), C[illegible] B&M S[illegible] a[illegible] T[illegible] C., L[illegible]. ([illegible] B&M), Z[illegible] B&M S[illegible] a[illegible] T[illegible] C., L[illegible]. ([illegible] B&M), G[illegible] I[illegible] & E[illegible] C., L[illegible]. ([illegible] I[illegible] & E[illegible]), H[illegible] A[illegible] I[illegible] a C., L[illegible] ([illegible] A[illegible] I[illegible] a), H[illegible] (H[illegible] K[illegible]) L[illegible] ([illegible] H[illegible] K[illegible]), a[illegible] H[illegible] I[illegible] a (H[illegible] K[illegible]) L[illegible] ([illegible] I[illegible] a), [illegible]-[illegible] b[illegible] H[illegible] I[illegible] a (H[illegible]) C., L[illegible]. ([illegible] I[illegible] a H[illegible]), H[illegible] I[illegible] a R[illegible] H[illegible] C., L[illegible]. ([illegible] I[illegible] a R[illegible] H[illegible]), H[illegible] I[illegible] a R[illegible] R[illegible] T[illegible] H[illegible] C., L[illegible]. ([illegible] I[illegible] a R[illegible] R[illegible]), PT. H[illegible] N[illegible] C[illegible] ([illegible] H[illegible] C[illegible]), PT. H[illegible] N[illegible] I[illegible] a([illegible] H[illegible] I[illegible] a), H[illegible] C[illegible] C., L[illegible]. ([illegible] H[illegible] C[illegible]), PT. H[illegible] a N[illegible] C[illegible] ([illegible] H[illegible] a I[illegible] a), a[illegible] H[illegible] S[illegible] (B[illegible]) N[illegible] E[illegible] T[illegible] C., L[illegible]. ([illegible] H[illegible] S[illegible]), a[illegible] [illegible] -[illegible] b[illegible] T M[illegible] C., L[illegible]. ([illegible] TMC C[illegible]) [illegible] [illegible]. P[illegible] [illegible] VI a[illegible] VII [illegible] [illegible] a[illegible] [illegible].

II. Preparation basis of the financial statements

(I) Preparation basis

T[illegible] a[illegible] [illegible] b[illegible] [illegible] [illegible] ba[illegible] [illegible].

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

T[illegible] C[illegible] a[illegible] [illegible] [illegible] a[illegible] [illegible] b[illegible] [illegible]

(II) Accounting period

2. W C a a ra a ra , a a ra :

(1) a , a ar a a ;

(3) S b a a ab

1) F a a ab a a a , , , , ,

F a a ab a a a , , , , , , - - a a ab (, , a a ab) a a a ab , a a a a a , , , , . T C a a , ab a a a . T a , a , a a a , a a ab a a b ab a , C a ' a b , , , , , C a ') a b , , , , , a a ab a a a a a , a a a a , , , , . A , , a a , a , a a , , a a a a , b ra a a ab a a a , , a a a a ab a a a , , a a a a ab a a a .

2) F a a ab a a a a a

(2) O

3. Recognition criteria and measurement method of financial assets transfer

W C

(3) L 3 , af b f ab . L 3 , f a f ab . L 3 , f f f

T C a a a a f f a a ba . W C a a ba , a a f a f a f .

T C a a f a f f a ba a a a , a f a f f f a a a f a b , f f a a f a f a , a a f f a a f f a a f f a a a f f a a f f a a a f f a a f f a

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

2) A , r ab ar ab a , r a r ab r a r , r a

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

I a , a a , r , r , ra a a r ab a ar, r r a r a 5%.

6. Offsetting financial assets and financial liabilities

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

F r a ra r a a a a a , a r , C a r a r ra r a a a a ab , .

(XI) Inventories

1. Classification of inventories

I r r , r r a r ar , r b , r r r r , a r a r , r . b , r r r r .

2. Accounting method for dispatching inventories:

I [illegible]

3. Basis for determining net realizable value

A [illegible]

4. Inventory system

P[illegible]

5. Amortization method of low-value consumables and packages

(1) L[illegible]

L[illegible]

(2) Pa[illegible]

Pa[illegible]

(XII) Contract costs

A [illegible]

T[illegible]

I[illegible]

1. T[illegible]

2. T[illegible]

3. T [illegible]

A [illegible]

T C [illegible]

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

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

N [illegible]

W [illegible]

A [illegible]

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

(1) I [illegible]

F [illegible]

F [illegible]

T a a f , a a f , a a f a a f a a f a a f , a a f , a a f a a f a a f , a a f , a a f a a f a a f , a a f ,

2. Determination of investment cost

(1) F b a , f , a a a a , a ab f , a a a a

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

(1) S a -a a a

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

(2) C a a a

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

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

W C a , a a . T 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	5-10	9.50-2.57
Ma [illegible]	S [illegible]	5-15	5-10	19.00-6.00
Tra [illegible]	S [illegible]	5-10	5-10	19.00-9.00
O [illegible]	S [illegible]	5-10	5-10	19.00-9.00

(XVI) Construction in progress

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

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

3. Capitalization rate and capitalized amount of borrowing costs

F [illegible] a [illegible] a [illegible] a

(XIX) Exploration expenditures

E [illegible] .

(XX) Impairment of part of long-term assets

F [illegible] .

(2) A [illegible]

(1) I [illegible]

(2) W [illegible]

(3) A [illegible]

4. Termination benefits

T[illegible]

5. Other long-term employee benefits

W [illegible]

1. P[illegible]

2. T [illegible] ba [illegible] b [illegible] a [illegible], a [illegible] a [illegible] a [illegible] ba a [illegible] a.

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

1. Types of share-based payment

S a-ba [illegible] a [illegible] -[illegible] a-ba [illegible] a [illegible] a - [illegible] a-ba [illegible] a [illegible].

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

(1) E - [illegible] a-ba [illegible] a [illegible]

F [illegible] -[illegible] a-ba [illegible] a [illegible] a [illegible], [illegible] a [illegible], a [illegible] a [illegible], [illegible] a [illegible], a [illegible] a [illegible] a [illegible]

I [illegible] a [illegible], [illegible] a [illegible], [illegible], [illegible], [illegible], [illegible], C [illegible] a [illegible] a [illegible], a [illegible] a [illegible], a [illegible], [illegible] a [illegible], [illegible], [illegible], [illegible] a [illegible], [illegible], [illegible], [illegible], [illegible],

(2) R [illegible]

(1) R [illegible] T [illegible] C [illegible] b [illegible]

(2) I [illegible] C [illegible] H [illegible] b [illegible]

2. Year 2019

(1) R [illegible]

1) Sa [illegible]

R [illegible] a [illegible] a [illegible]: a. [illegible] a [illegible] a [illegible] [illegible] b, [illegible]; b. [illegible] C [illegible] a [illegible] a [illegible] [illegible] [illegible]

(XXVI) ***Government grants***

1. G [illegible] : (1) C [illegible] ; (2) [illegible]. M [illegible]. N - [illegible].

2. Government grants related to assets

G [illegible] C [illegible]. I [illegible] C [illegible]. T [illegible]. I [illegible]. T [illegible]. F [illegible].

3. Government grants related to income

(XXVII) ***Contract assets, contract liabilities***

T C a r a ra a r ra ab ba a ba
r a b a a , r ' a . C ra
a a r a ab , r a ra a a ra a b
r a .

T C a r a , a r ra (., a a,
r , r b r ra a) a r a ab, a r a a r ,
ra a , r , a a ra r (a
a a , r a a a,) a a ra a .

T C a r a b , a ra r , a , r r
C a a r a (r a , a,) r , r a a ra
ab .

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

1. D r a r a r ab ar a , a a a r , ba
a r b a a ar , a , a a ba a a ab (a
a r a ar , a , a a ba r , a a
a ab b, r a ba b , ab b r a r a , a
a) a a ra a a ra a ab r a r a r , r
a ar a b r r ab ar a b r a b r.

2. A r a a r , a a ab , b a a a b r , r b r a r a
r ar a r a b, r a a a a ab a, a r, b
r ar a r a b, r a a a a ab a, a r, b
r ar a r a b, r a a a a ab a, a r, b

F r a r - r a a r a - a , a , a a r r , a r a f f f ra , - a a r a r .

A ar r ab - a r - r a a r a - a , a a r a , C a r , r - - a a r a ab a r a a r a , C a r , r - - a a r a ab a r a a r a .

1) R , - - , a r

T r , - - , a r a r a r a a r a a r a r : a. a r a , r a a r a , r a r a r a ab r ; b. a r a r a r a a r a r b r r a a r a , r a r a r a r ; . a r a r a r r a r r b r r a r a r ; a r a . a r a r a r b r , r r b r r a r a r a

1) O ra , a

L a ar , a , a a a ra , - a , a ar . I a ar , ra a b a a , a ar a ba a ar , a a , a , a b a . Var ab a a ar a ra , a a ar a ar a ar a ar .

2) F a a a

A a , C a ar , a a a a a (, ar a , , , ara ar , a a , a ar a a , a b a ra a a), a ar , a a ar , ar a a .
T C a a , a a a ar , a ar , a ar ra a , a a ar a ar .

Var ab a a a , a a a , ar a a a a a a a a a a a a a a ar a , ar .

(3) Sa a a ba

1) T C a a

(1) O ra , a

W C a , a a ar , a a f f f ra , - f f . I a f f ar , f f . C , f ar ar a f f f f ar , ff.

W C a , a f, a f , a f f ra , - f f . I a f , f a f a a , a , b f a a f ar f , a f f f . C , f ar ar a f f f f ar , ff.

(2) F a a

W C a , a f f f f a , f , f a a a a a ab f ba a a a , , a f a a , a f f a , f f a f a , a f , a , a f f a , a f f a , a ab , a f a f f a , a f , a f f . A a f a f a a . T f f f , a f , f a f f f f f , a f .

W C a , a f, a f f f a , f , a a , f , a f f , a f f a , a f f a , a ab , a f f , f a f a a a a , a f a a a . T f f ab , a a f , a f f , a f f f f a , a f f , a f f f f a , a f f , a f f f f a , a f f a , a f f f f a , a f .

(XXX) Work safety fund

T C a a f a , a a f a C f , ar Ma a M a , A f a a U W f Sa F, , b f Ca Q [2012] 16 b M f F a a Sa A a f W f Sa . Sa ar f a , , f f f , a a , f f a f f . W f a , a a , f a b , a f a a f f f f f f f a f a f f f f f a f f f a f f a f a f f a f f f f f ; a , , f a f f a a f f a f a , a a , a f a a a f f f a f f a a a f a b f , a a a a a , . S a a a b f a , f f .

(XXXI) ***Segment reporting***

O ra , , a ar ba f , r C a ' f a r a a , a a a f a r a a f a f , . A ra , , a C a :

(1) a , a b a f a ar f , a , ;

(2) a a f a f , ar f b Ma a a ab , f , f b a a a a a f a ; a

(3) f a , , f a f , ar , a a , a f a a a ab f , , a a .

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

Ba a , a , a a , f a

1. H , a ar a , , a , a a a a a a f , a a .

2. A , f a , a f , a , , a , ar : (1) , f a , b , , f , a , b , ; (2) a , f a , a , , f , a , a , , a f a , b , , f , ; (2) a , f a , b , , f , a C a ' f a a , b a , f , ra , f , ra , ; (3) , f a , , , a a ab f , , a a .

T C a f , a , f a , , a ar , a , a : (1) f a f a b , , a , f , ; (2) , f a , a , a , a ar , f a f a b , , a , f , ; a (3) , f ra , f a , a a ra , a , f a , a C a a , a , b f , f , a C a a , a , , a , , b , f a ba a b , , , a , f , .

T C a a a , f a , f a , , a f , f , a , f , f a , f , f a , , f ra b f a a , b f a , a , f a , a , f a , a , , f a , a ab f ba a .

3. Hedge accounting

(1) Fa [illegible]

(1) Ga [illegible] a b [illegible] ([illegible]), [illegible] a - [illegible]) a [illegible]).

(2) T [illegible] a [illegible] b [illegible] , [illegible] , a [illegible] a [illegible] a [illegible] b [illegible] , [illegible] . I [illegible] a [illegible] a [illegible] ([illegible]) a [illegible] a [illegible] XVIII CASBE 22 F [illegible] I [illegible] : R [illegible] M [illegible] , a [illegible] a [illegible] b [illegible] , [illegible] ; [illegible] ([illegible]) [illegible] C [illegible] .

W [illegible] ([illegible]), [illegible] .

F [illegible] ([illegible]) [illegible] .

(2) Ca [illegible]

(1) T [illegible] .

(2) I [illegible] .

(3) F [illegible]

(3) H [illegible]

T [illegible]

(XXXIII) *Significant changes in accounting policies and estimates*

1. Year 2021

C [illegible] CASBE

(1) T C [illegible] CASBE 21 L [illegible] ([illegible]) [illegible] Ja [illegible] 1, 2021 ([illegible]).

1) F [illegible] C [illegible] :

F [illegible] C [illegible] ' [illegible] C [illegible]

A [illegible] III (XX) [illegible]

a. Ma [illegible]

Items	Balance sheet		
	Dec. 31, 2020	Effect due to revised lease standard	Jan. 1, 2021
A [illegible]	780,865,279.18	-2,265,865.85	778,599,413.33
R [illegible]		49,612,455.59	49,612,455.59
N [illegible]	1,448,009,624.78	11,189,108.80	1,459,198,733.58
L [illegible]		36,157,480.94	36,157,480.94

b. S[illegible] a[illegible] a[illegible] [illegible] [illegible] [

2. Year 2020

C a , ▼ a , , , ▼ a f , f a , ▼ CASBE

(1) T ▼ C a a a ▼ CASBE 14 R ▼ , ▼ (▼ f ▼ ▼ f ▼ , ▼ a ▼ a f ▼)
f ▼ ▼ b M f F a ▼ Ja , a f 1, 2020. P f , a f ▼ , a
▼ f , ▼ ▼ b ▼ ▼ f , a a ▼ f ▼ ▼ a ▼ a f ▼ , a ▼ , ▼ a b ▼ a ▼ ▼
a f a b ▼ f a , a ▼ ▼ , , a ▼ ▼ ▼ a f , f a ▼ ▼

C a , a , , , a ar , f a , CASBE

(1) T C a ar a a a f D b 31, 2019 a a N M F a R , a I , F a a Sa T a f G ra E f 2019 (Ca K a [2019] N . 6), N R , a I , T a C a F a Sa (2019 E) (Ca K a [2019] N . 16) a , f , CASBE , a f a a ab a a , , . I a a a f D b 31, 2018 , a a a a f a , ar a :

Original financial statement items and amounts		Revised financial statement items and amounts	
N f ab a a , f ab . . .	1,506,491,099.90	N f ab	591,030,308.20
		A , f ab	915,460,791.70
N a ab a a , a ab	1,880,548,432.66	N a ab	762,017,481.23
		A , a ab	1,118,530,951.43

(2) T C a a a CASBE 22 F a a I f : R , a M a f , CASBE 23 Tra f F a a A , CASBE 24 H , a CASBE 37 P f a F a a I f (, f , a a f a ar) f b M f F a Ja ar 1, 2019. P f a f , a b a f a ar , a , a b a a f a , a f a f a a f a a ar , f a f a a b f f a , b , f f f f a f f f f

1) Ma [illegible] a Ja , ar 1, 2019 [illegible] a [illegible] :

	Balance sheet		
Items	December 31, 2018	Effect due to the revised financial instrument standards	January 1, 2019
H [illegible]- r- ra , a a a [illegible]		166,915,198.87	166,915,198.87
F a a a [illegible] a ar a , [illegible]	15,315,198.87	-15,315,198.87	
N [illegible] ab [illegible]	591,030,308.20	-576,292,483.20	14,737,825.00
R [illegible] ab [illegible] a ,		576,292,483.20	576,292,483.20
O [illegible] a [illegible]	500,881,461.40	-151,600,000.00	349,281,461.40
A a ab [illegible]- r- a [illegible] a a a [illegible]	63,192,181.76	-63,192,181.76	
O [illegible]		50,618,581.76	50,618,581.76
O [illegible] - [illegible] a a a [illegible]		12,573,600.00	12,573,600.00
H [illegible]- r- ra , a a ab [illegible]		6,529,248.16	6,529,248.16
F a a a ab [illegible] a ar a , [illegible]	6,529,248.16	-6,529,248.16	
S , [illegible] [illegible] [N]	182,633,133.09	1,555,884.22	184,189,017.31
U [illegible] b [illegible] [N]	3,647,054,561.91	-1,555,884.22	3,645,498,677.69

Note: A [illegible] a a [illegible] a ar [illegible] a [illegible] ba [illegible] a [illegible] , [illegible] ba [illegible] a [illegible] , b ar [illegible] a [illegible] , ba a [illegible] ba a [illegible] ab [illegible] ar [illegible] a [illegible] b 615,594.91 a , [illegible] ba a [illegible] ba [illegible] ab [illegible] a [illegible] b 15,035,586.56 a , a [illegible] a [illegible] b 92,339.24 a a [illegible] . M a [illegible] ba a [illegible] ar [illegible] a a [illegible] b 1,555,884.22 a , a [illegible] ba a [illegible] b [illegible] a [illegible] b 14,002,958.01 a a [illegible] . A [illegible] ba [illegible] b [illegible] ar [illegible] a a [illegible] b [illegible] ar [illegible] a [illegible] a a a [illegible] , a [illegible] a a a a [illegible] a [illegible] ba a [illegible] 1,555,884.22 a a [illegible] a [illegible] ba a [illegible] b [illegible] 1,555,884.22 a .

2) O Ja , ar 1, 2019, [illegible] ar ab [illegible] a [illegible] a [illegible] a , r [illegible] a [illegible] C a ' a a a [illegible] a [illegible] a a ab [illegible] , [illegible] a [illegible] a [illegible] a ar [illegible] a [illegible] :

	Under original standards		Under revised standards	
Items	Measurement category	Carrying amount	Measurement category	Carrying amount
Ca a [illegible] ba baa [illegible]	A [illegible] (La a [illegible] ab)	2,324,164,775.98	A [illegible]	2,324,164,775.98
F a a a a ar a , [illegible]	M a , [illegible] a ar a , [illegible]	15,315,198.87	M a , [illegible] a ar a , [illegible]	15,315,198.87
N [illegible] ab [illegible]	A [illegible] (La a [illegible] ab)	591,030,308.20	M a , [illegible] a ar a , [illegible]	576,292,483.20
			A [illegible]	14,737,825.00
A , [illegible] ab [illegible]	A [illegible] (La a [illegible] ab)	915,460,791.70	A [illegible]	915,460,791.70
O [illegible] ab [illegible]	A [illegible] (La a [illegible] ab)	90,796,079.33	A [illegible]	90,796,079.33

Items	Under original standards		Under revised standards	
	Measurement category	Carrying amount	Measurement category	Carrying amount
O [illegible]	M[illegible]	151,600,000.00	M[illegible]	151,600,000.00
A [illegible]	M[illegible]	63,192,181.76	M[illegible]	50,618,581.76
			M[illegible]	12,573,600.00
L [illegible]	A [illegible]	109,376,960.67	A [illegible]	109,376,960.67
S [illegible]	A [illegible]	5,121,992,187.76	A [illegible]	5,121,992,187.76
F [illegible]	M[illegible]	6,529,248.16	M[illegible]	6,529,248.16
N [illegible]	A [illegible]	762,017,481.23	A [illegible]	762,017,481.23
A [illegible]	A [illegible]	1,118,530,951.43	A [illegible]	1,118,530,951.43
O [illegible]	A [illegible]	361,619,612.11	A [illegible]	361,619,612.11
N [illegible]	A [illegible]	559,320,685.32	A [illegible]	559,320,685.32
O [illegible]	A [illegible]	400,000,000.00	A [illegible]	400,000,000.00
L [illegible]	A [illegible]	265,660,629.25	A [illegible]	265,660,629.25
B [illegible]	A [illegible]	715,662,003.49	A [illegible]	715,662,003.49
L [illegible]	A [illegible]	508,365,053.59	A [illegible]	508,365,053.59

3) O Ja [illegible] 1, 2019, [illegible] :

Items	Carrying amount under original standards (Dec. 31, 2018)	Reclassification	Remeasurement	Carrying amount under revised standards (Jan. 1, 2019)
A. F [illegible]				
a. M[illegible]				
Ca [illegible]	2,324,164,775.98			2,324,164,775.98
N [illegible]	591,030,308.20	-576,292,483.20		14,737,825.00
A [illegible]	915,460,791.70			915,460,791.70
O [illegible]	90,796,079.33			90,796,079.33
L [illegible]	109,376,960.67			109,376,960.67
T [illegible]	4,030,828,915.88	-576,292,483.20		3,454,536,432.68

Items	Carrying amount under original standards (Dec. 31, 2018)	Reclassification	Remeasurement	Carrying amount under revised standards (Jan. 1, 2019)
b. M a r a f a r				
H - r- ra a				
a		166,915,198.87		166,915,198.87
F a a a a a r				
a r r f	15,315,198.87	-15,315,198.87		
O r - r r a				
a		12,573,600.00		12,573,600.00
T a a a a a r				
a r r f	15,315,198.87	164,173,600.00		179,488,798.87
. M a r a f a r f r				
R ab a r		576,292,483.20		576,292,483.20
O r r a	151,600,000.00	-151,600,000.00		
A a ab - r- a a a				
a	63,192,181.76	-63,192,181.76		
O r				
		50,618,581.76		50,618,581.76
T a a a a a r				
a r r				
	214,792,181.76	412,118,883.20		626,911,064.96
B. F a a ab				
a. M a r a a r				
S r - r3(M a r)-363(a)-363D[(B.)- r 455 9T (....)T 14.51850TD.0301T 4.2,315,198.87 73,21,9118,880.0298(73,21,91)36.7				
a r 4559a [(r)-36				

4) On January 1, 2019, [illegible]:

Items	Provision for impairment made under original financial instrument standards/Provisions recognized under the contingencies standard (Dec. 31, 2018)	Reclassification	Remeasurement	Provision for impairment under revised financial instrument standards (Jan. 1, 2019)
N[illegible]	775,675.00			775,675.00
A[illegible]	64,749,916.65			64,749,916.65
O[illegible]	14,308,496.27			14,308,496.27

(3) The C[illegible] CASBE 7 N-a A[illegible] E[illegible] June 10, 2019, and [illegible] CASBE 12 D[illegible] R[illegible] June 17, 2019, and [illegible].

IV. Taxes

(I) Main taxes and tax rates

Taxes	Tax bases	Tax rates
Va[illegible]-a[illegible] (VAT)	T[illegible]	16%, 13%, 6%. . . . [. . . T

D [illegible] :

Taxpayers	Year 2021	Year 2020	Year 2019
T C a , N E Q , . . .	15%	15%	15%
T a B&M, C , B&M	15%		
B , Y , , ...	20%	25%	
G a , H a , E , , B , H a a , W , H a , T , a , H a , , Z a , B&M, G a , H a , N Ma a , G a , H a , N E , T , a , H a a , , T , a , H a , ...	20%		
S a , a FC	20%	25%	25%
Ta a ab -			

(2) O

P a D M F a I a C P E I Ta R a E H a C a , H a C a b a a a a b a a 15 a 50% 2 a ab .

3. Import duty

P a D M F a I a C I D R Ma R C H a C C F I , H a C a .

P a D M F a I a C I D R Ma R C H a I a C F I , H a I a .

V. Notes to items of consolidated financial statements

2. Held-for-trading financial assets

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

3. Accounts receivable

(1) D a

1) D a a f

	December 31, 2021				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion	Carrying amount
				(%)	
R ab f a a f	25,238,344.58	0.54	25,238,344.58	100.00	
R ab f a a f	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

(C)

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

(C)

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

2) A , r ab a ba

a. D b r 31, 2021

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

b. D b r 31, 2020

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

. D b r 31, 2019

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

3) A , r ab a ba a a

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

(C ,)

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

(2) A a a

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

(3) C a r r ba b

1) Yar 2021

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

2) Yar 2020

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

3) Year 2019

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others [Note]	Reversal	rite-off	Others	
Receivables for which allowance for doubtful accounts is assessed on a collective basis	13,826,979.34	9,845,580.00			7,344,000.00			16,328,559.34
Receivables for which allowance for doubtful accounts is assessed on an individual basis	50,922,937.31	-2,507,129.66		1,591.46				48,417,399.11
Total	64,749,916.65	7,338,450.34		1,591.46	7,344,000.00			64,745,958.45

Note: Other increases or decreases are mainly due to changes in the scope of consolidation.

(4) Details of the top 5 debtors of accounts receivable

Items	December 31, 2021	December 31, 2020	December 31, 2019
Balance of accounts receivable	2,184,386,603.14	545,361,496.71	452,421,351.27
Proportion of the balance of accounts receivable to the balance of accounts receivable (%)	46.94	44.45	48.51
Provision for bad debts	109,219,330.15	27,268,074.84	22,621,067.56

4. Receivables financing

(1) Details

Items	December 31, 2021		December 31, 2020	
	Carrying amount	Accumulated provision for credit impairment	Carrying amount	Accumulated provision for credit impairment
Bank acceptance	1,319,017,850.74		762,316,046.62	
Total	1,319,017,850.74		762,316,046.62	

(Continued)

Items	December 31, 2019	
	Carrying amount	Accumulated provision for credit impairment
Bank acceptance	460,537,826.62	
Total	460,537,826.62	

(2) Notes receivable pledged by the Company at the end of the period

(3) Notes receivable endorsed or discounted by the Company at the end of the period but not yet due on the balance sheet date

Items	December 31, 2021	December 31, 2020	December 31, 2019
Bank acceptance	392,771,270.84	511,417,886.84	188,831,996.10
Subtotal	392,771,270.84	511,417,886.84	188,831,996.10

(4) E

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

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

(5) N ab a , a a 1-26 88 118 ,

(2) D a 5 b a ba a

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

6. O8.5ny0

2) O[illegible] ab[illegible] a[illegible]

D[illegible] b[illegible] 31, 2021

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

3) O[illegible] ab[illegible] a[illegible]

	December 31, 2021			December 31, 2020		
Portfolios						

(3) C a , ̈ _ f _ _ f ba ̈ ̈b .

1) Y ̈a f 2021

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

2) Y ̈a f 2020

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

3) Year 2019

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

2) D[illegible] b[illegible] 31, 2020

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

3) D[illegible] b[illegible] 31, 2019

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

Debtors	Nature of receivables	Book balance	Ages		

(2) P[illegible]

1) D[illegible]

a. Y[illegible] 2021

Items	Opening balance	Increase		Decrease		Closing balance
		Accrual	Others	rite-off	Others	
Ra [illegible]	12,287,514.31	-1,857,973.82		7,499,376.11		2,930,164.38
W [illegible]		11,163,160.74	73,149.09	9,577,708.16		1,658,601.67
G [illegible]	8,148,296.11	6,343,731.10	42,061,812.05	7,032,788.90	2,490,035.67	47,031,014.69
T [illegible]	20,435,810.42	15,648,918.02	42,134,961.14	24,109,873.17	2,490,035.67	51,619,780.74

b. Y[illegible] 2020

Items	Opening balance	Increase		Decrease		Closing balance
		Accrual	Others	rite-off	Others	
Ra [illegible]	66,612,819.48	1,531,747.35		55,857,052.52		12,287,514.31
W [illegible]	20,526,195.01			20,526,195.01		
G [illegible]	52,396,525.76	29,821,774.81		74,070,004.46		8,148,296.11
Ma [illegible]	3,055,555.85			3,055,555.85		
C [illegible]	415,550.40			415,550.40		
T [illegible]	143,006,646.50	31,353,522.16		153,924,358.24		20,435,810.42

. Y[illegible] 2019

Items	Opening balance	Increase		Decrease		Closing balance
		Accrual	Others	rite-off	Others	
Ra [illegible]	427,790,869.43	69,309,702.46		430,487,752.41		66,612,819.48
W [illegible]	30,850,240.28	45,658,661.85		55,982,707.12		20,526,195.01
G [illegible]	219,006,042.21	195,200,132.28		361,809,648.73		52,396,525.76
Ma [illegible]	5,942,911.04	18,266,593.47		21,153,948.66		3,055,555.85
C [illegible]		415,550.40				415,550.40
T [illegible]	683,590,062.96	328,850,640.46		869,434,056.92		143,006,646.50

Note: O[illegible]

2) D[illegible]

A [illegible]

8. *Other current assets*

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

(C)

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

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

4) V

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

A a b a - ab , a ab .

10. Long-term equity investments

(1) Ca

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

(C)

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

(2) D a

1) Y ar 2021

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

(C ,)

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

2) Y a 2020

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

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

(C ,)

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

3) Y a 2019

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

11. Other equity instrument investments

(1) D a

1) D b 31, 2021/Y a 2021

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

2) D b 31, 2020/Y a 2020

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

3) D b 31, 2019/Y a 2019

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

12. Other non-current financial assets

(1) D a

Items	December 31, 2021	December 31, 2020	December 31, 2019
F a a a a a a a f a	6,573,600.00	6,573,600.00	6,573,600.00
I : E	6,573,600.00	6,573,600.00	6,573,600.00
T a	6,573,600.00	6,573,600.00	6,573,600.00

(2) O a

1) Ya 2021

Investees	Opening balance	Increase	Decrease	Closing balance
SGM	6,573,600.00			6,573,600.00
S b a	6,573,600.00			6,573,600.00

2) Ya 2020

Investees	Opening balance	Increase	Decrease	Closing balance
SGM	6,573,600.00			6,573,600.00
S b a	6,573,600.00			6,573,600.00

3) Ya 2019

Investees	Opening balance	Increase	Decrease [Note]	Closing balance
SGM	6,573,600.00			6,573,600.00
H a a N E	6,000,000.00		6,000,000.00	
S b a	12,573,600.00		6,000,000.00	6,573,600.00

Note: P a VI(I)2 a a a a a.

13. Fixed assets

(1) D a

1) Ya 2021

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

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

2) Year 2020

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

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

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

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

(C[illegible])

Projects	December 31, 2019		
	Book balance	Provision for impairment	Carrying amount
DRC M[illegible] C[illegible] PE527 L[illegible] M[illegible] ET 1001255.79801[(9801)-362 98013.-25.092 00 158. 9(6.46436)-9901]			

Projects	December 31, 2019		
	Book balance	Provision for impairment	Carrying amount
T[illegible] 50,000 [illegible]			
T[illegible] 50,000 [illegible]			
T[illegible] 40,000 [illegible]	643,744,623.62		643,744,623.62
N[illegible] 60,000 [illegible]	120,299,909.03		120,299,909.03
T[illegible] 50,000 [illegible]	587,631,349.63		587,631,349.63
N[illegible] 30,000 [illegible]	224,824,305.71		224,824,305.71
S[illegible] [illegible]	82,836,186.52		82,836,186.52
H[illegible] 45,000 [illegible]			
H[illegible] [illegible]			
C[illegible] H[illegible] [illegible]	307,679,624.03		307,679,624.03
S[illegible]	2,932,641,503.18		2,932,641,503.18

2) C[illegible]

1) Y[illegible] 2021

Projects	Budgets	Opening balance	Increase	Transferred to fixed assets	Other decrease [Note 1]	Closing balance
	(0'000)					
C[illegible] [illegible]	28,739.25	165,807,562.91	17,269,600.13			183,077,163.04
W[illegible] [illegible] MIKAS [illegible]	USD3,860.00	62,076,116.39	91,902,398.25	153,268,790.61	709,724.03	
C[illegible] [illegible]	40,152.00	214,443,265.02	153,034,989.75	261,959,377.87		105,518,876.90

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

(C ,)

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

Projects	Accumulated input to budget	Completion percentage	Accumulated amount of borrowing cost capitalization	Amount of borrowing cost capitalization in the current period	Annual capitalization rate	Fund source
	(%)	*(%)*			*(%)*	
N[illegible] 40.98	40.98	45.00	3,402,866.12	2,769,875.30	4.65	F[illegible]
H[illegible] 31.97	31.97	30.00	2,435,148.72	2,435,148.72	4.90	Ra[illegible]
H[illegible] 45.65	45.65	50.00	50,396,883.95	3,045,572.86	6.25	F[illegible]
C[illegible] H[illegible] 34.47	34.47	30.00				Ra[illegible]
S[illegible]			180,510,869.42	108,081,730.25		

Note 1: O[illegible]: 1) [illegible] 95,433,462.39 [illegible]; 2) [illegible] 105,853,079.68 [illegible].

Note 2: C[illegible] 172,243,095.80 [illegible].

2) Y[illegible]ar 2020

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

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

(C ,)

Projects	Accumulated input to budget	Completion percentage	Accumulated amount of borrowing cost capitalization	Amount of borrowing cost capitalization in the current period	Annual capitalization rate	Fund source
	(%)	*(%)*			*(%)*	
DRC M , C PE527 L , M ,						

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

Note 3: O[illegible]

3) Year 2019

Projects	Budgets	Opening balance	Increase	Transferred to fixed assets	Other decrease	Closing balance
	(0'000)					
DRC M[illegible] PE527 L[illegible] M[illegible] 30,000[illegible]	USD13,066.96	35,431,959.75	802,331,556.99	738,450,232.73		99,313,284.01
Tra[illegible] 30,000[illegible]	9,843.00	51,711,617.70	8,062,428.14			59,774,045.84
B[illegible] 2,500[illegible]	USD2,250.00	68,418,844.76	59,473,571.31	2,465,093.65		125,427,322.42
Gr[illegible]	37,970.00	370,124,248.19	67,751,382.47	437,875,630.66		

Projects	Budgets	Opening balance	Increase	Transferred to fixed assets	Other decrease	Closing balance
	(0'000)					
C ... C ba a N ... N Ma a R a I ...	28,739.25	118,662,490.97	28,282,507.14	57,045,392.91		89,899,605.20
T a a a a ... 302A ba ...	30,989.00	212,091,469.38	64,117,820.41			276,209,289.79
C ... H a T ... I a C ...	40,152.00	78,477,659.90	110,393,963.41			188,871,623.31
N -b	13,980.00	93,787,931.97	36,895,271.66	130,683,203.63		
T a a a ... ba a ... 40,000 ...	90,460.00	44,953,831.39	598,790,792.23			643,744,623.62
P a II ... ba a ... arb a ... 10,000 ...	16,789.00		103,853,265.16			103,853,265.16
T a a a ... ba a ... 50,000 ...	91,479.27		932,682,929.29 [N 4]	345,051,579.66		587,631,349.63
N a ... ba a ... 30,000 ...	98,226.00	14,150,690.84	210,909,350.00	235,735.13		224,824,305.71
S ... a ... a a ... a ... a ...	22,513.44		82,836,186.52			82,836,186.52
N ba ... a ... 60,000 ( ) ...	USD124,739.10		120,299,909.03			120,299,909.03
S b a ...		1,087,810,744.85	3,226,680,933.76	1,711,806,868.37		2,602,684,810.24

(C ,)

Projects	Accumulated input to budget	Completion percentage	Accumulated amount of borrowing cost capitalization	Amount of borrowing cost capitalization in the current period	Annual capitalization rate	Fund source
	(%)	*(%)*			*(%)*	
DRC M , C PE527 L , M f a , a 30,000	92.56	95.00	2,883,939.35	2,883,939.35	8.50	F a a , a f
T a f a f ra f a , a 30,000 ba f	60.73	65.00				O f , f
B f a , a 2,500	81.49	85.00				O f , f
G f f a f ba f	115.32	100.00	25,518,915.14	21,326,850.53	6.62	F a a , b , a a f , f
C f C ba a N N Ma f a R ar I ,	69.45	75.00				Ra , a f , f
T a ra f a a f a f 302A ba f , f	89.13	90.00	14,328,454.68	8,566,768.66	5.88	F a a , b , a a f , f
C f H a T I a C f	47.03	55.00	7,986,211.58	6,507,438.01	4.67	F a a , a f , f
N -b , f , a f	93.48	100.00	4,661,637.39	4,188,915.35	4.67	F a a , a f , f
T ar f , f f a f a f f -ra f ba f a , a 40,000	71.16	85.00				O f , f
P a II , f ra f ba f ra f , arb a f a , a 10,000	61.86	65.00	32,631.49	32,631.49	5.60	F a a , a f , f

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]	101.96	95.00	1,761,634.42	1,761,634.42	4.94	F[illegible]
N[illegible]	21.47	30.00				O[illegible]
S[illegible]	36.79	40.00	351,681.62	351,681.62	5.23	F[illegible]
N[illegible]	1.26	5.00	1,588,860.90	1,588,860.90	6.00	O[illegible]
S[illegible]			59,113,966.57	47,208,720.33		

Note 4: C[illegible] 801,709,027.42 [illegible]

(3) C[illegible]

Items	December 31, 2021	December 31, 2020	December 31, 2019
E[illegible]	713,205,093.03	550,684,806.16	251,373,951.66
S[illegible]	713,205,093.03	550,684,806.16	251,373,951.66

15. Right-of-use assets

Y[illegible] 2021

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

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

Note: P[illegible] III (XXXIII) 1[illegible] a[illegible] Ja[illegible] 1, 2021 a[illegible] D[illegible] b[illegible] 31, 2020.

16. Intangible assets

(1) D[illegible]

1) Y[illegible] 2021

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

Note: I[illegible] 258,908,900.00 b[illegible] T[illegible] B&M[illegible]

2) Year 2020

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

3) Year 2019

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

3) Year 2019

Investees or events resulting in goodwill	Opening balance				

T a r a r ab a , , , a r ab a , , , a
, , a r.

(2) Ta B&M

a. R a f a a , f a , f , f a , f , f , , ,

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

b. I a r , f , , a ,

T r ab a , , , ba 5- ar a a a , a a a f b C a . T , ra , a , a , a 13.89% (b r a), a a , b , a a ar , b ab .

O r a a , a r : a , f , a , a , f , a . S a a ar r b C a ba a r a ar ar . T , ra , b C a a r- a ra a r a a , f , f , a f a a , f , .

T a r a r ab a , , , a r ab a , , , a r.

18. Long-term prepayments

(1) Yar 2021

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

(3) Year 2019

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

O[illegible]

19. Deferred tax assets and deferred tax liabilities

(1) D[illegible]

	December 31, 2021		December 31, 2020	
Items				

(2) D[illegible] a [illegible] b[illegible]

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

(C [illegible])

20. Other non-current assets

D a

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

(2) N [illegible]

22. Held-for-trading financial liabilities

Items	December 31, 2021	December 31, 2020	December 31, 2019
H[illegible]	360,612.00	23,939,270.26	
I [illegible]: D[illegible]			
[illegible]	360,612.00	23,939,270.26	
T [illegible]	360,612.00	23,939,270.26	

23. Derivative financial liabilities

D[illegible]

Items	December 31, 2021	December 31, 2020	December 31, 2019
H[illegible]	104,821,710.25		
T [illegible]	104,821,710.25		

24. Notes payable

(1) D[illegible]

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

(2) O[illegible]

Items	December 31, 2021	December 31, 2020	December 31, 2019
N [illegible]		171,455.50	

25. Accounts payable

(1) D[illegible]

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

(2) N [illegible]

26. Advances received

(1) D a

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

(2) D a - f b

1) Yaf 2021

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

2) Yaf 2020

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

3) Yaf 2019

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

(3) D a f b a

1) Yaf 2021

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

2) Year 2020

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

3) Year 2019

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

29. Taxes and rates payable

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

(3) O a ab

1) D a

Items	December 31, 2021	December 31, 2020	December 31, 2019

31. Non-current liabilities due within one year

(1) D a

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

(2) D a - f b f

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

(3) O f f ar

1) P a f f V (I) 36 a a a f a .

2) P a f f V (I) 36 a a a f a a f ba f .

3) P a f f V (I) 34 a a a f b a ab a f f f .

32. Other current liabilities

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

33. Long-term borrowings

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

34. Bonds payable

2) Year 2020

Items	Opening balance	Increase	Decrease	Closing balance	Reasons for balance

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

2) Year 2020

Items	Opening balance	Increase	Grants included into profit or loss *[Note 2]*	Closing balance	Related to assets/income
Subsidy for [illegible]	126,815,236.69	123,316,040.00	3,390,895.92	246,740,380.77	Related a[illegible] a[illegible]
Fa[illegible] b[illegible] [illegible]	19,940,207.64	562,600.00	963,060.84	19,539,746.80	Related a[illegible] a[illegible]
Fa[illegible] b[illegible] [illegible]	18,996,068.57	15,561,600.00	1,089,511.04	33,468,157.53	Related a[illegible] a[illegible]
Subsidy for [illegible]	13,500,000.00	13,500,000.00	783,506.14	26,216,493.86	Related a[illegible] a[illegible]
O[illegible] a[illegible] a[illegible]	12,207,500.01		295,990.17	11,911,509.84	Related a[illegible] a[illegible]
Subsidy a[illegible] b[illegible] [illegible]	12,351,862.84	4,687,200.00	437,054.70	16,602,008.14	Related a[illegible] a[illegible]
Fi[illegible] a[illegible] [illegible] b[illegible] [illegible]	10,000,000.00			10,000,000.00	Related a[illegible] a[illegible]
Fa[illegible] b[illegible] [illegible]	9,550,267.78		552,962.28	8,997,305.50	Related a[illegible] a[illegible]
Subsidy [illegible]	7,662,599.46		445,219.20	7,217,380.26	Related a[illegible] a[illegible]
C[illegible] a[illegible] [illegible]	1,800,000.00		120,000.00	1,680,000.00	Related a[illegible] a[illegible]
Subsidy [illegible]	943,952.52		66,205.87	877,746.65	Related a[illegible] a[illegible]
Subsidy [illegible]		12,000,000.00		12,000,000.00	Related a[illegible] a[illegible]

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

3) Year 2019

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

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

Note 1: I , 78,623,800.21 , a a , a .
Note 2: P a V (IV) 3 a a a .

39. Share capital

(1) D a

1) Ya 2021

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

2) Ya 2020

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

3) Ya 2019

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

(2) O [illegible]

P[illegible] V (I) 40 [illegible]

40. Capital reserve

(1) D[illegible]

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

(2) O[illegible]

1) Y[illegible]

Ca[illegible] D[illegible] b[illegible] 31, 2019 [illegible] 240,410,999.24 [illegible] D[illegible] b[illegible] 31, 2018.

a. I 2019, [illegible] 8,513,186.76 [illegible]

b. I 2019, [illegible] 248,924,186.00 [illegible] 248,924,186 [illegible] 248,924,186.00 [illegible] 3 [illegible] 10 [illegible] 829,747,285 [illegible] 2018. S[illegible] PCCPACVR [2019] 297 [illegible] J[illegible] 28, 2019. [illegible] S[illegible] b[illegible] 11, 2019.

2) Y[illegible]

Ca[illegible] D[illegible] b[illegible] 31, 2020 [illegible] 1,273,041,297.60 [illegible] D[illegible] b[illegible] 31, 2019.

A. I 2020, [illegible] 1,526,240,193.89 [illegible]:

a. P[illegible] 28 [illegible] 29 [illegible] [illegible] B[illegible] D[illegible] [illegible] 2019, [illegible] Z[illegible] [2020] 179, [illegible] 34,110,169 [illegible] W[illegible] [illegible] (LP) [illegible] 23.60 [illegible] 15.68% [illegible] H[illegible] 34,110,169.00 [illegible] D[illegible] 770,[illegible]99. 31.00 [illegible] S[illegible] PCCPACVR [2020] 14 [illegible]; [illegible] RMB [illegible] 28,479,886 [illegible] 28.09 [illegible] H[illegible] C[illegible] S[illegible] C[illegible]

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

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

(_) T ʊ , b ar T a B&M b r , , a ʊ _ ʊ ʊ ʊr _ a r , r ʊ , , a a , ʊ C _ a ' , r _ r , a ar ʊ r ʊ , a r ʊa ʊ b 12,206,546.48 , a ba ʊ ʊ ʊ ʊr ʊ ʊ _ ʊ r r a ʊ ar ʊ ʊ a ʊ b ʊ r ʊ a a ʊr ʊ a a r ʊa ʊ a ʊ a ʊ r r ar ʊ a a r ʊ , ar , r ar ʊ-ba ʊ a ʊ T a B&M.

( ) T ʊ C _ a ar a ʊ , , b ar ʊ T , a , H, a a a W ʊ , H, a a , a ar ʊ r ʊ , a r ʊa ʊ b 315,956.20 , a ba ʊ ʊ ʊ ʊr ʊ b ʊ ʊ ʊ ʊra a ʊ r r a ʊ ar ʊ ʊ ʊ a ʊ .

b. I 2021, a a r ʊ ʊr ʊ (ar ʊ r ʊ ,) a ʊ r ʊa ʊ b 8,727,397.32 , a ʊ , ʊ ʊ , ʊ ʊ :

(_) T ʊ C _ a a , r ʊ - r , ʊr ʊ , b ar SESA C _ a , a ar ʊ r ʊ , a ʊ r ʊa ʊ b 8,088,340.85 , a ba ʊ ʊ ʊ ʊr ʊ b ʊ ʊ ʊ a , ʊ ʊra a ʊ r r a ʊ ar ʊ ʊ a ʊ .

(_) T ʊ C _ a ar a ʊ , ʊ , b ar ʊ J a , , H, a , a B ʊ , H, a a , a ar ʊ r ʊ , a ʊ r ʊa ʊ b 639,056.47 , a ba ʊ ʊ ʊ ʊr ʊ b ʊ ʊ ʊ ʊ a ʊ ra a ʊ r r a ʊ ar ʊ ʊ a ʊ .

B. Ca a r r (ar r) a a D b r 31, 2021 a 120,533,538.49 a
r r a a a a D b r 31, 2020 :

a. A r C a ' r a , r a r a ar-

(2) Year 2020

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

(3) Year 2019

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

43. Special reserve

(1) D a

Y ar 2021

Items	Opening balance	Increase	Decrease	Closing balance
W a d				

3) Year 2019

S a , f , f , f b a a D b f 31, 2019 a 4,703,198.42 , a , f a a a D b f 31, 2018, : a. a , 1,555,884.22 , a ba a , f , f b a a Ja , a f 1, 2019 , C a ' a f b a a , f a a Ja , a f 1, 20219 (a f b f III (XXXIII) a a a f); a b. a f f a a , f , f , f b f 3,147,314.20 , a a 10% , f , ra b a f 2019.

45. Undistributed profit

(1) D a

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

(2) O f f a

1) Year 2021

P , f , a P f D f b , P a 2020 , f b ra f a a f , f b f a f ' , 2020, ba f a a 1,212,904,383 a a a , f , f ra a f f a f b , C a f b f a f 2.00 , a (a ,) f 10 a , a , 242,580,876.60 , a .

2) Year 2019

a. T C a a a f f a a f , f , f b f a a Ja , a f 1, 2019, a a f , a , f ba a , f , f b f a a Ja , a f 1, 2019 b -1,555,884.22 , a . P a f b f III (XXXIII) 3 a a a f .

b. P , f , a P f D f b , P a 2018 , f b ra f a a f , f b f a f ' , 2018, ba f a a 829,747,285 a , C a f b f a f 1.00 , a (a ,) f 10 a , a , 82,974,728.50 , a .

(II) Notes to items of the consolidated income statement

1. Operating revenue/Operating cost

(1) D[illegible] a[illegible]

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

2. Taxes and surcharges

Items	Year 2021	Year 2020	Year 2019
U rba a a a			
a	19,449,572.64	9,536,977.33	4,802,006.94
E a	8,344,669.70	4,094,419.01	2,058,002.98
L a a	5,563,113.15	2,739,608.01	1,372,001.97
M ra a	252,331,683.53	149,990,294.60	230,729,795.21
H	2,184,510.75	11,198,677.54	3,490,813.76
La a	1,196,828.35	6,191,972.60	3,300,812.18
S a	11,574,021.02	5,420,021.88	5,551,897.95
O	3,315,788.96	4,794,955.02	2,460,638.13
T a	303,960,11T63.,8380TD.0301T15.21		

7. Other income

Items	Year 2021	Year 2020	Year 2019
G [illegible] *[Note]*	18,563,114.54	8,793,708.31	6,899,175.55
G [illegible] *[Note]*	31,645,987.32	53,695,454.88	79,097,654.97
R [illegible]	572,918.39	485,163.11	299,167.39
T a	50,782,020.25	62,974,326.30	86,295,997.91

Note: P [illegible] V (IV) 3 [illegible]

8. Investment income

D [illegible]

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

5. Other cash receipts related to financing activities

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

6. Other cash payments related to financing activities

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

7. Supplementary information to the cash flow statement

(1) S[illegible]

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

(2) N a a f a b ar

Items	Year 2021	Year 2020	Year 2019
Ca a a a a a ra f b a b a	1,351,200,000.00		772,741,373.73
I : Ta B&M	1,351,200,000.00		
H a a N E			772,741,367.00
H a a I a a			6.73
L : Ca a a a a b b ar a a	670,992,575.72		17,532,126.33
I : Ta B&M	670,992,575.72		
H a a N E			17,283,103.33
H a a I a a			249,023.00
N a a f a b ar	680,207,424.28		755,209,247.40

(3) N a f a b ar

Items	Year 2021	Year 2020	Year 2019
Ca a a a a f b ar a	227,559,999.94		6.89
I : TMC C a	153,760,408.68		
	73,799,591.26		
SESA C a	*[Note]*		
H a N I			6.89
L : Ca a a a a b b ar a - - f	7,661,643.02		27,148,216.70
I : TMC C a	7,204,074.40		
SESA C a	457,568.62		
H a N I			27,148,216.70
N a f a b ar	219,898,356.92		-27,148,209.81

Note: I a a -f a a a a 1,539,912.74 a ar 75,339,504.00 a f SESA C a .

(4) C a a a a

Items	Year 2021	Year 2020	Year 2019
1) Ca	6,108,393,395.75	1,489,479,506.70	1,984,580,600.83
I : Ca a	30,717,041.97	6,419,244.46	10,989,287.18
Ca ba a f a	6,028,851,637.85	1,422,345,842.00	1,908,537,857.72
O f a a ba ba a a f a	48,824,715.93	60,714,420.24	65,053,455.93
2) Ca a			
I : B a f			
3) Ca a a a a a	6,108,393,395.75	1,489,479,506.70	1,984,580,600.83
I : Ca a a a ar a f b ar			

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

(2) O . . . .

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

2. Monetary items in foreign currencies

(1) D . . . D . . . . b . 31, 2021

Items	Balance in foreign currencies	Exchange rate	RMB equivalent
Ca			4,208,307,126.76
I . . . : USD.	650,804,604.63	6.3757	4,149,334,917.74
EUR.	1,414,908.18	7.2197	10,215,212.59
HKD	796,682.84	0.81760	651,367.89
AUD	62.39	5.65313	352.70
IDR	81,984,739,095.61	0.0004467160	36,623,894.71
ZAR.	16,095,668.58	0.40040	6,444,705.70
CDF.	1,571,164,657.07	0.003188	5,008,872.93
ARS.	227,241.99	0.06209	14,109.46
SGD.	2,902.36	4.7179	13,693.04
A			1,728,953,250.29
I . . . : USD.	271,137,398.84	6.3757	1,728,690,713.78
ZAR.	655,685.58	0.40040	262,536.51
O			30,363,231.47
I . . . : USD.	4,287,033.57	6.3757	27,332,839.93
HKD	150,845.31	0.81760	123,331.13
IDR	6,427,853,072.85	0.0004467160	2,871,424.81
ZAR.	89,000.00	0.40040	35,635.60
L			336,406,346.60
I . . . : USD.	52,763,829.32	6.3757	336,406,346.60
S			2,327,209,334.24
I . . . : USD.	364,193,652.55	6.3757	2,321,989,470.56
EUR.	723,002.85	7.2197	5,219,863.68
A			3,216,437,316.55
I . . . : USD.	460,670,847.51	6.3757	2,937,099,122.47
EUR.	188,439.50	7.2197	1,360,476.66
IDR	605,094,798,949.00	0.0004467160	52,763,829.34
T			[.97605ZAR. . . . .

Items	Balance in foreign currencies	Exchange rate	RMB equivalent
I , : USD.	97,018,045.20	6.3757	618,557,950.78
L - b			3,941,347,617.57
I , : USD.	618,182,727.79	6.3757	3,941,347,617.57
L - a ab			319,993,726.26
I , : USD.	50,189,583.30	6.3757	319,993,726.26

(2) R a

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

3. Government grants

(1) D a

1) Y a 2021

a. G a

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

[illegible]. F[illegible]

I[illegible]

Items	Opening balance of deferred income	Increase	Amounts carried forward	Closing balance of deferred income	Amounts carried forward presented under	Remarks
F[illegible]		2,466,800.00	2,466,800.00		F[illegible]	
S[illegible]		2,466,800.00	2,466,800.00			

2) Y[illegible]

a. G[illegible]

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

Items	Opening balance of deferred income	Increase	Amortization	Closing balance of deferred income	Amortization presented under	Remarks
S b f a		10,000,000.00	183,340.37	9,816,659.63	O f	
S b f a I f a a f		3,560,000.00		3,560,000.00	O f	
O f a b	2,030,809.47	235,400.00	465,961.78	1,800,247.69	O f	
S b a f O f ba a	235,798,504.98	183,422,840.00	8,793,708.31	TD(A .101 0,0427,636.67]TJ10.39757001.3975705.03947645.7662		

T (.....)...

3) Year 2019

a. Government grants related to assets

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

b. Government grants related to income, used to offset relevant costs or losses in the current period or subsequent periods

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

. G [illegible]

Items	Amounts	Presented under	Remarks
S[illegible]	1,832,800.00	O[illegible]	
R[illegible]	14,996,974.82	O[illegible]	
F[illegible]	59,517,000.00	O[illegible]	
P[illegible]	595,622.77	O[illegible]	
S[illegible]	76,942,397.59		

(2) G[illegible]

Items	Year 2021	Year 2020	Year 2019
G[illegible]	52,675,901.86	63,289,163.19	85,996,830.52

4. Hedging

Fa[illegible]

Year 2021

F[illegible]:

Hedged items	Hedging instruments	Closing fair value of hedging instruments	Profit or loss of hedging instruments in the current period	Profit or loss of hedged items due to hedging risks
N[illegible]	N[illegible]	-104,821,710.25	-145,408,856.97	94,763,288.25
S[illegible]		-104,821,710.25	-145,408,856.97	94,763,288.25

T[illegible] S[illegible] E[illegible] L[illegible] M[illegible] E[illegible] . D[illegible] C[illegible] . A[illegible] 2021, [illegible] 104,821,710.25 [illegible]. I 2021, [illegible] 145,408,856.97 [illegible], [illegible] 94,763,288.25 [illegible], [illegible] 50,645,568.72 [illegible].

VI. Changes in the consolidation scope

(I) Business combination not under common control

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

(1) Ba[illegible]

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

(C[illegible])

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

2. Combination costs and goodwill

(1) D a

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

(C ,)

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

Note: T C a ' , b a N E Q , 0.99% H a N E

(C ,)

Items				

(II) Disposal of subsidiaries

One-time disposal involving 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
		(%)				
1) Y a 2021						
TMC C a	153,760,408.68	70.00	Tra	Ma 2021	P a	17,647,751.61
SESA C a . . .	75,339,504.00	100.00	Tra	O b 2021	P a	80,748,498.37
2) Y a 2019						
H a N I	6.89	100.00	Tra	J 2019	P a	3,672,807.50

(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
1) Y a 2021						
TMC C a						4,471,296.04
SESA C a						-2,220,745.48
2) Y a 2019						
H a N I						1,417,581.90

2. O a

(1) TMC C a

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

(2) SESA C a

T C a ' b ar H a M H K 100.00% SESA C a . P a D b a E Tra A a L , C L , G C ., L a SESA C a S b 2021, H a M H K ra 100.00% a b SESA C a S Z a I a a L a USD11,680,000.00 (a 75,339,504.00 a) a USD25,988,868.91 (a 167,636,001.13 a)

2. Entities excluded from the consolidation scope

Entities	Equity disposal method	Equity disposal date	Disposal-date net assets	Net profit from the period beginning to the disposal date
Year 2020				
Inner Mongolia Rongxin Coal Chemical Co., Ltd.	Capital reduction	April 2020		
Inner Mongolia Rongxin Coal Chemical Co., Ltd.	Capital reduction	April 2020		
Hami Power Co., Ltd.	Capital reduction	November 2020	3,701,301.12	-12,242,823.85

VII. Interest in other entities

(I) Interest in significant subsidiaries

1. Significant subsidiaries

(1) Basic information

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

Subsidiaries	Main operating place	Place of registration	Business nature	Holding proportion (%) Direct	Holding proportion (%) Direct	Acquisition method
H a , ᄒ C a	R ᄒ , b I ᄒ a	R ᄒ , b I ᄒ a	Ma , a , f ,	57.00		E ab ᄒ
T a B&M	T a C	T a C	Ma , a , f ,	36.86		B , ᄒ b a , ᄒ f
C ᄒ , ᄒ B&M	J a , C , , S , a P , ᄒ	J a , C , , S , a P , ᄒ	Ma , a , f ,	*[Note]*		B , ᄒ b a , ᄒ f

Note: T ᄒ C a ' , b ᄒ a f T a B&M ᄒ 100% ᄒ , C ᄒ , ᄒ B&M.

(2) O f f ᄒ a f

P , ᄒ a ᄒ f ᄒ f ᄒ a ᄒ VI (I) 1 ᄒ a a a ᄒ ᄒ f ᄒ a f ᄒ a f ᄒ b ᄒ ᄒ ᄒ , ᄒ , f f a ᄒ , f , f f T a B&M.

2. Significant not wholly-owned subsidiaries

Subsidiaries	Holding proportion of non-controlling shareholders	Non-controlling shareholders' profit or loss Year 2021	Year 2020	Year 2019
H a , Q , *[Note]*	15.68			30,549,663.23
H a C a	49.00	-40,866,496.79	-732,502.33	751,037.91
HUAYOU- POSCO . . .	40.00	-8,542,058.63	-1,549,932.80	177,534.06
H a , ᄒ C a	43.00	-21,763,072.75	-19,388,954.46	-2,497,180.56
T a B&M	63.14	110,249,956.79		

(C , ᄒ)

Subsidiaries	Dividend declared to non-controlling shareholders Year 2021	Year 2020	Year 2019
H a , Q , *[Note]*			
H a C a			
HUAYOU-POSCO			
H a , ᄒ C a			
T a B&M			

(C , ᄒ)

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

Note: T ᄒ C a a f a ᄒ , ᄒ a f ᄒ C a X ᄒ , a , f ᄒ 15.68% ᄒ , H a , Q , F ᄒ b f a f 13, 2020. T ᄒ C a a ᄒ 100% ᄒ , ᄒ b a f H a , Q , ᄒ ᄒ . T ᄒ f ᄒ , H a , Q , a , f ᄒ , a - ᄒ , b a f ᄒ C a 2020.

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

(1) A[illegible] a[illegible] ab[illegible]

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

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

1. Changes in subsidiaries' equity

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

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

	Year 2021					
Items	Jiangsu Huayou	Tianjin B&M	SESA Company	Beijing Huashan	Tongxiang Huashan	enzhou Huashan
Acquisition/Disposal consideration						
Cash	5,000,000.00					8,500,000.00
Fair value of non-cash acquisition consideration			6,003,668.72			
Total acquisition/disposal consideration	5,000,000.00		6,003,668.72			8,500,000.00
Less: Share of net assets of subsidiaries calculated based on shareholding ratio before acquisition/disposal	5,621,489.48	14,475,007.81	-2,084,672.13	17,566.99	-313,655.60	8,497,699.40
Balance	-621,489.48	-14,475,007.81	8,088,340.85	-17,566.99	313,655.60	2,300.60
Including: Capital reserve	-621,489.48	-14,475,007.81	-8,088,340.85	-17,566.99	313,655.60	2,300.60

(Continued)

	Year 2020			
Items	Huayou Quzhou	Huayou America	Huayue Company	Jiangsu Huayou
Acquisition/Disposal consideration				
Cash		4,516,723.64		
Fair value of non-cash acquisition consideration	805,000,000.00			
Total acquisition/disposal consideration	805,000,000.00	4,516,723.64		
Less: Share of net assets of subsidiaries calculated based on shareholding ratio before acquisition/disposal	551,801,103.71	4,839,533.00	-63,268.42	290,736.62
Balance	253,198,896.29	-322,809.36	63,268.42	-290,736.62
Including: Capital reserve	-253,198,896.29	322,809.36	63,268.42	290,736.62

Items	Year 2019 Huayou New Energy *[Note]*
A , /D a ra	1,040,000,000.00
Ca	1,040,000,000.00
Fa a , - a a	
T a a , /a ra	1,040,000,000.00
L : S ar , b ar ' a ba a , r/ a	
a f	1,031,486,813.24
Ba a	8,513,186.76
I , : Ca a r r a ,	8,513,186.76

Note: P r a Ca a a S ar I r a A r , C a ' b ar H a , N E , CITIC S r I C ., L ., C a a r a , CITIC S r I C ., L. a r a r a a 1.04 b , a H a , N E a a r 59.77% H a , N E . A ra ab r a ar a a H a , N E , a a r , r a b 8,513,186.76 , a C a 40.23% H a , N E a a a ra. A C a a ra b r ar a B ar D r f H a , N E a a f , H a , N E a b f , a .

(III) Interest in joint ventures or associates

1. Significant joint ventures or associates

(1) Ba f a

Joint ventures or associates	Main operating place	Place of registration	Business nature	Holding proportion (%) Direct	Holding proportion (%) Indirect	Accounting treatment on investments in joint ventures or associates
P a C a	T , a , C , Z a , P	T , a , C , Z a , P	N - a ra f	40.00		E
AVZ C a *[Note 1]*	T D ra R , b C ,	M Ha f Wa A ra a	M ra ra	6.29		E
NZC C a *[Note 2]*	T D ra R , b C ,	Da Wa A ra a	M ra ra a	14.65		E
L , C a	W C , Ja , P	W C , Ja , P	N - a ra f	49.00		E
V	H K , C a	H K , C a	S f	24.00		E
IWIP C a	Ha a ra I a , N f Ma , , I a	Ja ar a, I a	I a ar	24.00		E
N f T ,	H K , C a	H K , C a	I a f	30.00		E
I a Ha	Ha a ra I a , N f Ma , , I a	Ja ar a, I a	Ma a ,	20.00		E
Q , A	Q , C , Z a , P	Q , C , Z a , P	Ca ar	49.92		E
S P a	S C , G a , P	S C , G a , P	I a a , f	15.00		E

(C ,)

Items	December 31, 2020/Year 2020					
	Puhua Company	AVZ Company	Leyou Company	Veinstone	I IP Company	Newstride Technology *[Note]*
C a	211,186,394.64	73,229,321.87	742,451,264.74	221,003,338.43	410,679,031.99	951,873,169.87
N - a	243,341,697.44	431,947,994.81	1,819,686,969.97	1,016,487,485.00	997,537,668.90	5,131,870,036.12
T a	454,528,092.08	505,177,316.68	2,562,138,234.71	1,237,490,823.43	1,408,216,700.89	6,083,743,205.99
C ab	147,921,772.87	2,524,056.69	577,683,298.89	868,922,073.42	539,306,038.64	395,684,466.82
N - ab	9,844,444.44	29,336,270.48	4,023,255.38		451,066,337.00	945,763,456.05
T ab	157,766,217.31	31,860,327.17	581,706,554.27	868,922,073.42	990,372,375.64	1,341,447,922.87
N -		58,640,817.88		32,172,046.07		1,110,378,753.74
E a b ab	296,761,874.77	414,676,171.63	1,980,431,680.44	336,396,703.94	417,844,325.25	3,631,916,529.38
N	-6,642,552.05	-25,418,904.39	3,852,078.28	31,384,335.65	113,139,577.47	112,915,459.63
T a	-6,642,552.05	-27,994,053.13	3,852,078.28	13,975,341.24	88,254,764.35	-140,031,799.82

(C ,)

Items	December 31, 2019/Year 2019					
	Puhua Company	AVZ Company	NZC Company	Leyou Company	Veinstone	I IP Company
C a	68,411,419.89	43,136,897.56	11,891,584.86	942,966,209.62	91,211,689.50	106,118,415.46
N - a	245,330,440.29	363,735,106.39	232,145,788.11	1,158,343,636.23	825,590,541.12	726,388,250.43
T a	313,741,860.18	406,872,003.95	244,037,372.97	2,101,309,845.85	916,802,230.62	832,506,665.89
C ab	10,337,433.36	11,657,248.13	30,590,376.66	326,397,009.29	43,228,890.09	165,757,358.99
N - ab		24,435,731.66	12,074,760.65		666,256,930.23	337,159,746.00
T ab	10,337,433.36	36,092,979.79	42,665,137.31	326,397,009.29	709,485,820.32	502,917,104.99
N -		56,051,881.66	13,087,954.38		33,407,147.60	
E a b ab	303,404,426.82	314,727,142.50	188,284,281.28	1,774,912,836.56	173,909,262.70	329,589,560.90
N	-5,432,533.20	-24,896,114.98	-21,703,907.28	3,611,086.37	-204,921.25	9,681,088.46
T a	-5,432,533.20	-25,826,352.90	-22,103,417.89	3,611,086.37	18,262.90	13,911,230.90

Note: A C a a N T A 2020, a 2020 Ma D b 2020.

3. Aggregated financial information of insignificant joint ventures and associates

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

VIII. Risks related to financial instruments

(2) D[illegible]

A [illegible] :

1) [illegible];

2) [illegible];

3) [illegible];

4) [illegible] ( ) [illegible].

2. Measurement of expected credit losses

T[illegible] C[illegible] ’[illegible] C[illegible] ab[illegible] . I[illegible] C[illegible] :

(1) Ca[illegible]

T[illegible] C[illegible] .

(2) R[illegible]

T[illegible] C[illegible] .

A[illegible] C[illegible] 46.94% (D[illegible] 31, 2020: 44.45%; D[illegible] 31, 2019: 48.51%) [illegible] C[illegible] .

T[illegible] C[illegible] .

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

4. Exposure to credit risk and concentration of credit risk

(II) Liquidity risk

L [illegible]

I [illegible]

F [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]	360,612.00	360,612.00	360,612.00		
D [illegible]	104,821,710.25	104,821,710.25	104,821,710.25		
N [illegible]	4,810,797,623.12	4,810,797,623.12	4,810,797,623.12		
A [illegible]	6,233,172,410.76	6,233,172,410.76	6,233,172,410.76		
N [illegible]	724,190,670.66	793,561,947.97	793,561,947.97		
O [illegible]	1,434,593,185.87	1,467,133,622.51	1,467,133,622.51		
L [illegible]	32,788,255.14	34,289,431.32		32,418,807.58	1,870,623.74
L [illegible]	1,061,226,074.03	1,108,713,679.68	22,217,543.26	1,086,496,136.42	

(C ,)

Items	December 31, 2019				
	Carrying amount	Contract amount not yet discounted	ithin 1 year	1-3 years	Over 3 years
Ba b , ...	7,199,673,581.93	7,437,272,035.49	6,314,681,930.62	1,044,061,646.54	78,528,458.33
H - - ra , a ab					
D a ab					
N ab	1,711,684,225.38	1,711,684,225.38	1,711,684,225.38		
A , ab	1,457,846,829.84	1,457,846,829.84	1,457,846,829.84		
N - , ab ar	979,473,205.49	1,005,366,088.38	1,005,366,088.38		
O a ab	620,793,231.40	621,280,141.40	621,280,141.40		
L a ab					
L - a ab	539,591,156.88	593,997,653.46	41,878,942.52	471,245,966.60	80,872,744.34
S b a	12,509,062,230.92	12,827,446,973.95	11,152,738,158.14	1,515,307,613.14	159,401,202.67

(III) Market risk

Ma a C a , a a . Ma a

1. Interest risk

I a a . T C a ' a , a -ra a a . T C a -ra a a . T C a -ra a a ba , a a a a , a -ra a a ba , a a a a . T C a ' a ba b , a a .

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

2. Foreign currency risk

F , a a , a a . T C a ' , a ab . W - ba , a a ab , C a a a , a a ab , a a a , a a ab .

P a V (IV) 2 a a a ab a ab .

IX. Fair value disclosure

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

1. December 31, 2021

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

2. December 31, 2020

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

3. December 31, 2019

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

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

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

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

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

Items	Fair value as at December 31, 2021	Fair value as at December 31, 2020	Fair value as at December 31, 2019	Valuation technique
O [illegible]	34,552,445.81	5,653,575.00	21,930,092.52	F [illegible]

X. Related party relationships and transactions

(I) Related party relationships

1. Parent company

Parent company	Place of registration	Business nature	Registered capital	Holding proportion over the Company	Voting right proportion over the Company
				(%)	*(%)*
H [illegible]	T [illegible]	B [illegible]	70,092,039.94	16.40	16.40

F [illegible]

2. P [illegible]

3. Joint ventures and associates of the Company

P a r VII a a r C a ' a . D a r , r a a C a r , r r f a r a C a r f r r , r f a r a b r ba a r r , r f a r :

Joint ventures or associates	Relationships with the Company
M , W , ...	A a
H a a I , I	A a
H a a N E r	T r , b ar a a H a a I , I , a a b r , r a C a ' , b ar N E r Q , J , 2019.
HANAQ C a	T r a . A C a ' , r , a a r a 8% O b r 2021, a , r a r a ar C a N b r 2021.
P , a C a	A a
S P a.	A a
L , C a	A a
TMR C a	T r , r C a ' r , b ar TMC C a . A C a ra r , 70.00% TMC C a A r 6, 2021, a , r a r a ar C a .
Z a , T L- Ma r a C ., L . (T L- C a)	T , b ar a a Q , A , .
PHC C a	A a
I a H a	A a
N r T , ...	A a
IWIP C a	A a
V	A a
PT. W a Ba E r (WBE C a).	T , b ar a a V .
I a H a , ...	A a

4. Other related parties of the Company

Related parties	Relationships with the Company
H a , H , ...	T C a ' r r ar a ar , b , ar r S b r 2021. P a r r X (I) 1 a a a r a .
Gr a M , a C a	T C a ' r r r ar a ar a , r r a ar C a S b r 2021. P a r r X (I) 1 a a r a .
X W , ...	O C a ' r r , a r , r a r r a ar C a S b r 2021. P a r r X (I) 1 a a r a .
Q J , a	C a b r , a r , r C X , a.
H a , Tra , ...	T C a ' a a r r a D r .

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

(2) Sa[illegible] [illegible] a [illegible] [illegible] [illegible] [illegible]

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

Note: Sa[illegible] [illegible] [illegible] [illegible] a [illegible] a [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] a [illegible] [illegible] [illegible].

2. Related party leases

Lessees	Types of assets leased	Lease income recognized in 2021	Lease income recognized in 2020	Lease income recognized in 2019
H a H				

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

Guarantors	Guaranteed parties	Lending financial institutions	Content guaranteed	Amount guaranteed	Commencement date	Maturity date	hether the guarantee is mature
C X a. .	H a Q	T E -I Ba C a Z a B a	B	331,779,400.00 (I : USD42,000,000.00) (A 6 a)	4/22/2021-8/31/2021	7/21/2022-11/18/2022	N
			L	179,725,399.54 (USD28,189,124.26) (A 3 a)	11/16/2021-12/23/2021	3/30/2022-4/30/2022	N
C X a, Q J a. .	H a Q	S a a P D Ba C ., L Q S b-b a	B	217,000,000.00 (A 2 a)	5/14/2021-12/10/2021	1/23/2022-12/9/2022	N
			L	83,000,000.00 (A 1 a)	12/9/2021	12/2/2022	N
C X a. .	H a Q	Ba B C ., L Q B a	B	180,000,000.00 (A 2 a)	9/8/2021-9/9/2021	5/21/2022-10/8/2022	N
			L	286,000,000.00 (A 3 a)	3/8/2021-6/25/2021	3/31/2022-7/20/2022	N
C X a, Q J a. .	H a Q	Ba C a L Q K S b-b a	B	292,211,886.63 (I : EUR 721,897.95) (A 5 a)	7/27/2021-12/2/2021	1/18/2022-11/23/2022	N
			L	88,609,192.65 (I : EUR977,213.57;			

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

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

Note: T C a r a , ara r C , B M, a H a , H , r a , r ara r C a .

4. Call loans between related parties

(1) Year 2021

Related parties	Opening balance	Increase	Decrease [Note]	Closing balance
Ca[illegible]				
X[illegible]	7,842,828.93		7,842,828.93	
TMA C[illegible]				

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

(3) Yaar 2019

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

Note: A N M ra a , ra a ar C a A , , 15, 2019, ra ra ab 28.25 , a f N M ra a A , , 2019 ar ra .

Related parties	Content of related party transactions	Year 2021	Year 2020	Year 2019
	A , 100% , H a , I a			6.73
H a I , I . . .	A , 99.01% , H a N E ,			772,741,367.00
H a , H , H , K , . .	D a 100% , H a N I ,			6.89
H a , H , H , K , . .	A , 40.00% , V			72,601,580.75
P , a C a	Sa - , a		39,475.24	
C a X , ...	A , 15.68% , H a , Q ,		805,000,000.00	
S b a		1,352,774,305.68	845,368,236.24	855,658,848.59

Note: P a VI (I) 1 (2) a a a . T C a a H a , H , T a B&M a a .

6. *Key management's emoluments*

U : , a , a

Items	Year 2021	Year 2020	Year 2019
K a a , ' , , ...	5,711.48	3,835.62	2,847.92

(III) Balance due to or from related parties

1. Balance due from related parties

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

Note: I T L - C a a b a , a .

2. Balance due to related parties

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

XI. Share-based payment

(I) Overall information

Year 2021

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

Items	The Company	Tianjin B&M
T ra , [illegible] [illegible] [illegible]

2. E , b a T a B&M

P , a , , a a f b , 22 , , B a D C a a f C a a f a a f ' , T a B&M a S b 30, 2021, T a B&M , 9,424,800 a J a , Ba a E f M a , P f (LP), , a f , a f 10 , a f a . A , , a , f b , a f a , , - a f a- ba a f , a , f b a , a , a a b , .

(II) Equity-settled share-based payment

Year 2021

1. R f a C a

Determination method for grant-date fair value of equity instruments	**The closing price of the Company's shares on the grant date**
D f a , b f , f , ...	Ba , b f f , a , a , a a f a , b f a ba a , a , - a , C a ' f a a , a f f a , a, a , a a b .
R a f , a f b , f a , a f , f a f , f	N
Ca a f f a , a , - a a f- ba a	113,786,486.15
T a , f , - a f- ba a	113,786,486.15
I , : I a f f a 2021	103,349,028.92
T f f f a 2021	10,411,203.96
T 2021	26,253.27

2. E , T a B&M

Determination method for grant-date fair value of equity instruments	**[Note]**
D f a , b f , f , ...	T , b f b a b f , , a
R a f , a f b , f a , f , f	
Ca a f f a , a , - a f- ba a	72,382,464.00
T a , f , - a f- ba a	72,382,464.00

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

XII. Commitments and contingencies

(I) Significant commitments

H a , C a , a b ar C a , a b rr r, , L a A r USD760,000,000. T E -I Ba C a Z a , Bra (Ma a L a Arra , r a L r), C a C Ba C ., L d. Ja , T , a , S b-bra (C - a Arra , r a L r), Ba C a (H , K ,) L Ja ar a Bra (D S , r A , D L a A a D O , Ba), A r , , ra Ba C a L T , a , S b-bra (L r), C a M , Ba , C r ., L d. S a , a P Fr Tra Z Bra (L r), P , A Ba C ., L d. Ha , , Bra (L r) a C a E rbr , Ba C ., L d. Ha , , Bra (L r) S b r 30, 2021.

T a ar r : 1. (60) b a ar r a ar a H a , P r , B rr r a , r a a ar a r b D S , r A a r a b D S , r A , a , a a ar r a ar a r a b b , b r a a b , b r a r a ; r (30) b a a r , , a ar a r r a , B rr r a , r a Ha Ta , , a (r a) r a r a a r a r a a r a r a b ar a r a b , b r D S , r A ; 2. r r ra ar a r Fa C , Da , B rr r a , r a a r r a ar , b r D S , r A r a b a a r D S , r A , a , a Ma r Tr G ara , I r Tr G ara a a A , R ab Tr G ara a b , b r ar a r b r a r r I a.

I a , a r , a , a r b H a , C a a Ba C a (H , K ,) L Ja ar a Bra , H a , C a , ar a , ba a , r L a A r USD760,000,000. G a H a , C a a r a a a r a a a , a r r , a a a r , ba a ab , a 548,550,590.29 , a a r a a a r r , r , r r .

(II) Contingencies

A D b r 31, 2021, r , r a a , b GENILAND a , b ar CDM C a a :

GENILAND , CDM C a r a ar a , CDM C a ' M , C N . 527 , - r a (a), a a a r a a USD22.65 . A r , , , r r b , r D ra R , b C , (D , a a US9,935,084 GENILAN. a a ( )-398( )-329(,)-392(0.)]TJ D ra R , b C , , b a a, r W a a , ar r 200,a r a a a a( )-231.1(.)]TJT*[(GENILAN ')54.8( )-362.8(a , r a b

(II) Profit distribution after the balance sheet date

P[illegible]	P[illegible] a[illegible] 2021 a[illegible] C[illegible] a[illegible] 2021, [illegible] 3 [illegible] 10 [illegible] 3 [illegible] 10 [illegible] a[illegible] 10% [illegible] 2021.

XIV. Other significant events

(I) Segment information

T[illegible] C[illegible] a[illegible] [illegible], [illegible] V (II) 1 [illegible] C[illegible] a[illegible] [illegible] /[illegible] [illegible].

(II) Leases

1. The Company as lessee

(1) P[illegible] V (I) 15 [illegible].

(2) S[illegible] P[illegible] III (XXIX) [illegible] C[illegible] a[illegible] [illegible]. T[illegible] [illegible] [illegible]:

Items	Year 2021
E[illegible]	3,088,592.10
E[illegible]	22,334,877.30
T[illegible]	25,423,469.40

(3) P[illegible]

Items	Year 2021
I[illegible]	3,597,007.25
T[illegible]	55,926,401.84

(4) P[illegible] VIII (II) [illegible].

2. The Company as lessor

(1) L a

Items	Year 2021
L a	16,344,693.16
I : I a ab a a	

(2) A a

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

P a V (I) 13 a a a a a a a a a .

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

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

XV. Notes to items of parent company financial statements

(I) income

(C ,)

	December 31, 2020				
	Book balance		Provision for bad debts		
Categories	Amount	% to total	Amount	Provision proportion	Carrying amount
				(%)	
R ab a f a a ba	6,482,979.34	2.54	6,482,979.34	100.00	
R ab a f a ba					

b. D b 31, 2020

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

. D b 31, 2019

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

(3) A ab f ba b a a ba

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

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

(C)

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

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

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

(C ,)

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

(2) Age analysis

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

(3) Changes in provision for bad debts

(1) Y ar 2021

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

(2) Year 2020

Items	Opening balance	Increase			Decrease			Closing balance
		Accrual	Recovery	Others	Reversal	rite-off	Others	
Receivables for which provision for bad debts is accrued on an individual basis								
Balance	6,482,979.34							6,482,979.34
Receivables for which provision for bad debts is accrued on a collective basis								

(C ,)

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

(C ,)

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

(2) O f ab f a a ba

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

(C ,)

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

(2) A a a

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

(3) C a f ba b

(1) Yaf 2021

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

(2) Year 2020

Items	Stage 1 12-month expected credit losses	Stage 2 Lifetime expected credit losses (credit not impaired)	Stage 3 Lifetime expected credit losses (credit impaired)	Total
Opening balance	138,952.07	304,753.87	27,700.00	471,405.94
Opening balance during the year				
Transfer to Stage 2	-28,465.47	28,465.47		
Transfer to Stage 3		-258,753.87	258,753.87	
Reversal to Stage 2				
Reversal to Stage 1				
Provision	1,531,143.64	39,396.42	393,630.81	1,964,170.87
Provision reversed during the year				
Provision reversed upon derecognition				
Foreign exchange and others				
Closing balance	1,641,630.24	113,861.89	680,084.68	2,435,576.81

(3) Year 2019

Items	Stage 1 12-month expected credit losses	Stage 2 Lifetime expected credit losses (credit not impaired)	Stage 3 Lifetime expected credit losses (credit impaired)	Total
Opening balance [Note]	339,593.55	201,087.96	228,205.61	768,887.12
Opening balance during the year				
Transfer to Stage 2	-76,188.47	76,188.47		
Transfer to Stage 3		-2,200.00	2,200.00	
Reversal to Stage 2				
Reversal to Stage 1				
Provision	-124,453.01	29,677.44	-202,705.61	-297,481.18
Provision reversed during the year				
Provision reversed upon derecognition				
Foreign exchange and others				
Closing balance	138,952.07	304,753.87	27,700.00	471,405.94

Note: Pursuant to Chapter III (XXXIII) 3 issued by the Financial Supervisory Commission, the Group has adopted IFRS 9 since January 1, 2019 and the balance as at December 31, 2018.

(4) O[illegible] ab[illegible] a[illegible] b a[illegible]

Nature of receivables	Book balance		
	December 31, 2021	December 31, 2020	December 31, 2019
S[illegible]	10,916,715.99	32,840,372.74	1,277,969.36
T[illegible]			

(3) D b 31, 2019

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

3. *Long-term equity investments*

(1) D a

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

(C)

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

(2) I [illegible] b [illegible]

(1) Year 2021

Investees	Opening balance	Increase	Decrease	Closing balance	Provision for impairment made in the current period	Closing balance of provision for impairment
L [illegible] C ba	33,171,333.03			33,171,333.03		
H a I [illegible] & E [illegible]	100,587,951.00			100,587,951.00		
H a H K	458,040,203.00			458,040,203.00		
CDM C a	480,447,838.92			480,447,838.92		
OIM C a	3,958,802.50			3,958,802.50		
MIKAS C a	263,815,386.00			263,815,386.00		
H a Q	2,488,000,000.00			2,488,000,000.00		
SHAD C a						518,166.20
H a M						
H K	2,311,505,854.80	1,560,074,116.71		3,871,579,971.51		
N E Q	870,000,000.00	900,000,000.00		1,770,000,000.00		
H a R	1,100,000,000.00	150,000,000.00		1,250,000,000.00		
H a N E	700,000,000.00			700,000,000.00		
Y Tra	2,850,000.00			2,850,000.00		
T a H a'a	1,140,000.00			1,140,000.00		
B Y	1,710,000.00			1,710,000.00		
G a H a						
E [illegible]		50,000,000.00		50,000,000.00		
G a B&M		100,000,000.00		100,000,000.00		
T a H a		18,040,800.00		18,040,800.00		
T a H a a		18,040,800.00		18,040,800.00		
W H a a		34,000,000.00	8,500,000.00	25,500,000.00		
Ta B&M		1,351,200,000.00		1,351,200,000.00		
R [illegible] R		50,000,000.00		50,000,000.00		
S b a	8,815,227,369.25	4,231,355,716.71	8,500,000.00	13,038,083,085.96		518,166.20

(2) Year 2020

Investees	Opening balance	Increase	Decrease	Closing balance	Provision for impairment made in the current period	Closing balance of provision for impairment
L [illegible] C ba	33,171,333.03			33,171,333.03		
H a I [illegible] & E [illegible]	100,587,951.00			100,587,951.00		
H a H K	458,040,203.00			458,040,203.00		
CDM C a	480,447,838.92			480,447,838.92		
OIM C a	3,958,802.50			3,958,802.50		
MIKAS C a	263,815,386.00			263,815,386.00		
H a Q	1,683,000,000.00	805,000,000.00		2,488,000,000.00		
SHAD C a						518,166.20
H a M						
H K	1,652,726,482.93	658,779,371.87		2,311,505,854.80		
N E Q	870,000,000.00			870,000,000.00		
H a R	600,000,000.00	500,000,000.00		1,100,000,000.00		
H a P	23,000,000.00		23,000,000.00			
H a N E	700,000,000.00			700,000,000.00		
Y Tra	2,850,000.00			2,850,000.00		
T a H a'a		1,140,000.00		1,140,000.00		
B Y		1,710,000.00		1,710,000.00		
S b a	6,871,597,997.38	1,966,629,371.87	23,000,000.00	8,815,227,369.25		518,166.20

(3) Year 2019

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

(3) I a a a

(1) Year 2021

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

(C)

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

(2) Year 2020

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
Associates:					
Hangzhou New East	2,884,932.20			-40,710.10	
Total	2,884,932.20			-40,710.10	

(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		
Associates:						
Hangzhou New East					2,844,222.10	
Total					2,844,222.10	

(3) Year 2019

Investees	Opening balance	Increase/Decrease			
		Investments increased	Investments decreased	Investment income recognized under equity method	Adjustment in other comprehensive income
Associates:					
Hangzhou New East	4,965,347.26			-2,080,415.06	
Total	4,965,347.26			-2,080,415.06	

(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		
Associates:						
Hangzhou New East					2,884,932.20	
Total					2,884,932.20	

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

1. Operating revenue/Operating cost

(1) D a

Items	Year 2021		Year 2020		Year 2019	
	Revenue	Cost	Revenue	Cost	Revenue	Cost
Ma ra	3,214,350,884.78	1,984,069,994.65	2,051,317,316.17	1,221,195,820.67	2,541,060,734.21	2,079,360,923.12
O ra	122,064,911.41	40,059,139.61	105,482,335.65	59,268,159.27	113,579,295.71	50,666,732.39
T a	3,336,415,796.19	2,024,129,134.26	2,156,799,651.82	1,280,463,979.94	2,654,640,029.92	2,130,027,655.51
I : R						
ra69.27	113,579,295.71	13,579,295.71YMa302T ...		95.71		

2. R&D expenses

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

3. Investment income

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

Note: I [illegible] H[illegible] Q[illegible].

XVI. Other supplementary information

(I) Non-recurring profit or loss

Schedule of non-recurring profit or loss

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

Items	Amount		
	Year 2021	Year 2020	Year 2019
Ga a , b a ,			
-a a a a a a , a a a a a a

(II) ROE and EPS

1. Details

(1) ROE

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

(2) EPS

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

2. Calculation process of weighted average ROE

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

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

3. Calculation process of basic EPS and diluted EPS

(1) Ca , a _ f ba _ EPS

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

(2) Ca , a _ f ' ' EPS

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

Z ' a , H a , C ba C ., L '.
O b ' f 28, 2022