



# 南京钢铁股份有限公司

NANJING IRON & STEEL CO.,LTD.

二零二二年年度报告





董事长：

张建平

过去的一年，国际局势动荡，宏观环境复杂，钢铁行业形势严峻，市场需求下降，库存压力增大，市场竞争加剧，行业迎来了又一次寒冬。

2022年，党的二十大胜利召开，吹响了“以中国式现代化全面推进中华民族伟大复兴”的号角。全体南钢人直面挑战、劈波斩浪，务实笃行、担当尽责，克服了种种压力和困难，以超常规的认识、举措、行动和实效，在行业亏损的泥潭中逆势而上、奋勇争先，将公司高质量可持续发展推上了新高度。

2023年，是全面贯彻落实党的二十大精神的开局之年，南钢股份将化危为机，守正创新，力争实现“好产品，做优做强；做优做强，做绿色、智慧、人文、同行者”的五年战略目标，向世界一流企业行列不断攀登。

公司董事会、经营层和所有员工将满怀信心、厉奋发，以优秀的发展业绩来回馈社会各界人士对公司的支持和厚爱！

## 一图看懂南钢股份2022年业绩



创建国际一流受尊重的企业智慧生命体  
CREATE A WORLD-CLASS AND RESPECTED ENTERPRISE INTELLIGENT LIFE



**打造全球竞争力先进材料制造商**  
**BUILD GLOBALLY COMPETITIVE ADVANCED MATERIAL INTELLIGENT MANUFACTURER**



BEIJING 2022

2.5

2022

10

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# 智赢未来

WIN THE FUTURE WITH INTELLIGENCE





高质量可持续发展






Nanjing Iron & Steel Co., Ltd.

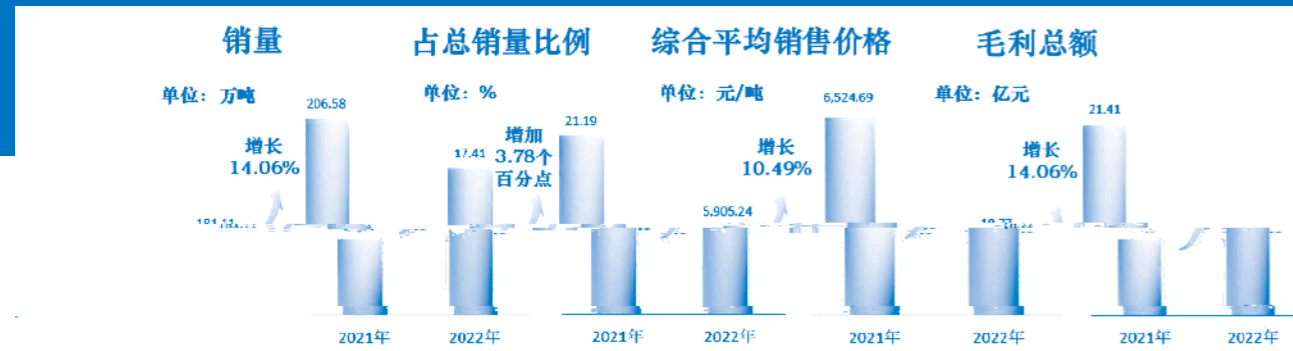
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	025- 57072064	025- 57072064
	nggf@ 600282.net	nggf@ 600282.net

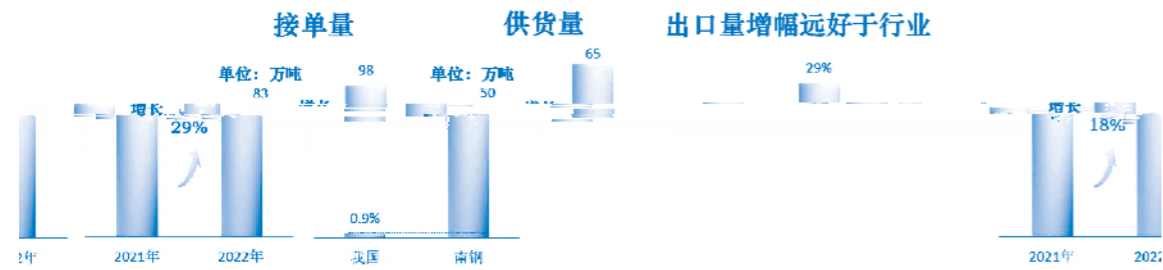
	210035



10.49% 14.06% 21.19% 3.78 6,524.69 / 206.58



0.9% 37 45 65 98 29%



2022 984.43 260.71 / / 3.75% 12.73%

21.61 5.37% 975.01 6.28% 746.75 7.69% 5,104.14 5,599.68

48.59% 6.58% 58.83% 7.94% 21.11% 13.55%

0.87% CSPI 4,982.84 / 4,019.70 /

4.81%

1 1 S 2 M 3 C

108 38 14.62 M 4.94

7%-44% 30% 20 0 1 1 N

N08811 N08120 2000MPa 690MPa 300%

22 / 51 32 19 /

MnCr

API 2H I 130mm Q960 Q1100

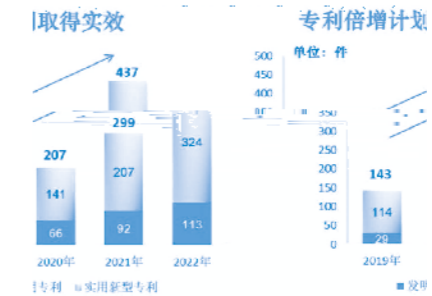
JIT+C2M 100% LOT 95% LOT 13.55

2 6 1

TMCP 3 5

6 2 2 1

113 23 2022 5 7 46% 562 296 437 2022 5 20



124 40 9 4 2

4 1 2 3 " " + M 14.62 S 4.94



9%Ni  
 LNG  
 Q690SD/SE  
 S355ML  
 100mm

5%Ni  
 1000MPa  
 N980CF  
 100mm

5 / 20  
 5500m LPG/NH3/CM  
 LNG  
 SA516Gr70  
 80-100mm  
 S460M  
 100mm  
 API 2H-50

PCTC  
 250  
 CRCC  
 45%

Q460NE  
 S355J2W  
 160km  
 Q1100E  
 3.22  
 2,600  
 162%

Q345-Q420qEHW  
 10.9 12.9

2022

B

5

650  
x

+  
2+4+4+N

41

3%

2

			;	;
				%
	70,666,923,844.06	76,553,720,268.21		- 7.69
	63,066,764,959.72	67,259,144,940.52		- 6.23
	368,571,446.22	355,455,765.26		3.69
	1,493,526,007.59	1,253,677,749.22		19.13
	399,087,241.67	242,090,810.91		64.85
	2,311,228,973.62	2,139,194,445.80		8.04
	3,752,521,255.49	5,233,000,307.68		- 28.29
	- 4,640,905,609.23	- 5,880,836,351.38		
	3,184,660,532.90	430,079,858.79		640.48
	343,967,353.31	334,730,716.95	-SK	2.76
	320,868,271.87	299,128,618.58		7.27
	- 68,460,148.04	134,313,254.54		- 150.97
	69,596,022.71	16,725,123.39		316.12
	61,552,753.72	218,372,987.94		- 71.81
	3,213,967.87	- 52,254,191.39		
	- 323,660,207.73	- 386,013,187.23		
	9,514,509.56	- 28,030.91		
	83,063,415.48	44,373,051.05		87.19
	206,806,997.88	93,685,193.94		120.75
	309,121,207.03	913,659,684.48		- 66.17
	2,323,538,242.46	4,236,698,587.10		- 45.16

+

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7,523,677,929.19, 6,277,729,289.18, 5,601,663,463.72, 3,732,130.109

			%	%	%	%
	27,692,521,552.25	23,435,503,215.55	15.37	- 2.90	- 2.55	0.31
	13,912,665,046.15	12,658,196,586.97	9.02	- 10.75	- 4.71	5.77
	7,828,459,112.15	7,250,166,437.77	7.39	- 17.27	- 11.63	5.91
	49,433,645,710.55	43,343,866,240.29	12.32	- 7.72	- 4.81	2.68

			%	%	%	%
	45,751,721,307.12	40,381,326,933.52	11.74	- 10.38	- 6.94	3.26
	3,681,924,403.42	2,962,539,306.77	19.54	46.13	38.39	4.50
	49,433,645,710.55	43,343,866,240.29	12.32	- 7.72	- 4.81	2.68

			%	%	%	%
	32,292,589,395.48	28,006,187,212.16	13.27	- 6.00	- 3.64	2.12
	17,141,056,315.07	15,337,679,028.13	10.52	- 10.80	- 6.88	3.77
	49,433,645,710.55	43,343,866,240.29	12.32	- 7.72	- 4.81	2.68

(2).

			%	%	%	
	169.34	166.75	5.75	- 7.67	- 8.74	82.43
	57.20	56.46	2.23	0.75	- 0.18	50.26
	56.17	56.01	0.60	- 8.93	- 9.43	35.93
	506.96	499.01	28.88	- 5.02	- 6.52	37.99
	194.75	196.78	1.33	- 4.86	- 4.21	- 60.38
	984.43	975.01	38.79	- 5.37	- 6.28	32.07

99.04%

(3).

(4).

		%		%	%
	22,943,615,356.85	36.38	26,369,639,284.59	39.21	- 12.99
	15,004,754,423.20	23.79	14,029,249,392.67	20.86	6.95
	1,831,976,645.76	2.90	1,738,803,113.39	2.59	5.36
	1,492,457,994.51	2.37	1,439,032,078.33	2.14	3.71
	2,071,061,819.98	3.28	1,958,666,957.22	2.91	5.74
/	43,343,866,240.30	68.73	45,535,390,826.20	67.71	- 4.81
/	19,722,898,719.42	31.27	21,723,754,114.32	32.29	- 9.21
/	63,066,764,959.72	100.00	67,259,144,940.52	100.00	- 6.23

		%		%	%
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	12,425,055,600.68	19.70	13,648,218,651.20	20.29	- 8.96
	7,593,923,265.40	12.04	7,310,619,011.82	10.87	3.88
	1,140,959,472.91	1.81	924,149,324.54	1.37	23.46
	934,347,639.10	1.48	968,294,937.03	1.44	- 3.51
	1,341,217,237.45	2.13	1,196,400,339.75	1.78	12.10
/	23,435,503,215.54	37.16	24,047,682,264.34	35.75	- 2.55
	6,657,486,121.95	10.56	7,807,285,974.19	11.61	- 14.73
	4,543,129,388.17	7.20	4,056,186,184.67	6.03	12.00
	502,723,707.20	0.80	558,029,547.41	0.83	- 9.91
	424,274,022.56	0.67	327,079,971.87	0.49	29.72

	530,583,347.08	0.84	534,897,177.03	0.80	- 0.81
/	12,658,196,586.96	20.07	13,283,478,855.17	19.76	- 4.71
	3,861,073,634.21	6.12	4,914,134,659.20	7.31	- 21.43
	2,867,701,769.62	4.55	2,662,444,196.18	3.96	7.71
	188,293,465.64	0.30	256,624,241.44	0.38	- 26.63
	133,836,332.85	0.21	143,657,169.44	0.21	- 6.84
	199,261,235.45	0.32	227,369,440.43	0.34	- 12.36
/	7,250,166,437.77	11.50	8,204,229,706.69	12.20	- 11.63
/	19,722,898,719.45	31.27	21,723,754,114.32	32.29	- 9.21
/	63,066,764,959.72	100.00	67,259,144,940.52	100.00	- 6.23

(5).

(6).

(7).

A.

553,570.96	7.83%	0	0%
50%	5		

B.

1,112,881.91	16.81%	0	0%
50%	5		

3.

		%
368,571,446.22	355,455,765.26	3.69
1,493,526,007.59	1,253,677,749.22	19.13
2,311,228,973.62	2,139,194,445.80	8.04
399,087,241.67	242,090,810.91	64.85

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100mm O#

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HRB600

1000MPa


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5.

	2022	2021	
	73,119,150,531.68	80,381,002,769.82	- 9.03%
	69,366,629,276.19	75,148,002,462.14	- 7.69%
	3,752,521,255.49	5,233,000,307.68	- 28.29%
	3,724,448,387.81	4,771,247,397.14	- 21.94%
	8,365,353,997.04	10,652,083,748.52	- 21.47%
	- 4,640,905,609.23	- 5,880,836,351.38	
	36,743,884,647.57	31,399,315,801.59	17.02%
	33,559,224,114.67	30,969,235,942.80	8.36%
	3,184,660,532.90	430,079,858.79	640.48%
	34,414,582.21	- 32,526,232.15	

	23.24	- 36.45	22.78
6.66	19.02	0.06	2.22

37.53			
1		28.29%	
1	19.13		
2		1.18	
3	2.97		
4		0.07	
5		3.58	
6		1.9	
7	19.02	14.93	33.95
8		1.04	0.61
9		0.44	0.33
10		36.45	2.05
2		12.40	34.40
3		27.55	

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		%		%	%
	11,757,924,887.36	15.75	7,249,902,191.03	11.76	62.18
	1,804,342,215.11	2.42	1,374,048,586.45	2.23	31.32
	89,342,160.00	0.12	21,587,810.00	0.04	313.85
	469,271,797.17	0.63	404,807,064.43	0.66	15.92
	2,830,610,026.89	3.79	1,420,631,449.66	2.30	99.25
	3,956,057,031.94	5.30	5,379,789,555.48	8.72	- 26.46
	1,399,544,148.45	1.87	1,253,139,442.85	2.03	11.68
	151,668,205.54	0.20	152,083,600.81	0.25	- 0.27
	7,034,011,023.03	9.42	8,332,959,395.51	13.51	- 15.59
	146,171,868.19	0.20	1,415,328.49	0.00	10,227.77

		%		%	%
	1,112,638,036.62	1.49	1,098,172,296.22	1.78	1.32
	72,427,164.54	0.10	36,455,553.38	0.06	98.67
	555,566,751.98	0.74	633,430,548.84	1.03	- 12.29
	1,714,351,782.25	2.30	1,753,659,712.13	2.84	- 2.24
	340,867,978.32	0.46	218,052,333.33	0.35	56.32
	6,923,774.20	0.01	0.00	0.00	
	26,452,048,786.40	35.42	19,648,153,350.34	31.86	34.63

	6,061,192,038.70	8.12	4,801,741,765.88	7.79	26.23
	263,279,220.77	0.35	140,775,902.22	0.23	87.02
	4,875,591,968.93	6.53	4,123,960,040.10	6.69	18.23
	1,762,836,435.77	2.36	481,116,224.73	0.78	266.41
	16,805,416.62	0.02	8,888,826.85	0.01	89.06
	536,034,709.61	0.72	414,099,480.27	0.67	29.45
	1,265,326,207.81	1.69	2,712,026,531.35	4.40	- 53.34
	12,748,710,616.54	17.07	6,554,954,129.50	10.63	94.49
	70,415,926.30	0.09	21,195,424.46	0.03	232.22
	8,030,775,020.65	10.75	8,336,763,904.13	13.52	- 3.67
	6,242,096,569.41	8.36	4,877,395,031.12	7.91	27.98
	3,853,118,803.53	5.16	4,054,562,978.04	6.58	- 4.97
	1,069,084,238.39	1.43	727,465,430.95	1.18	46.96
	367,344,222.34	0.49	526,245,839.87	0.85	- 30.20
	799,426,585.65	1.07	606,345,544.15	0.98	31.84
	2,136,665,741.60	2.86	1,396,902,395.00	2.27	52.96
	924,551,388.45	1.24	924,243,324.61	1.50	0.03
	5,060,201,611.23	6.78	2,164,020,903.87	3.51	133.83
	0.00	0.00	513,224,334.45	0.83	- 100.00
	194,619,467.81	0.26	113,611,821.94	0.18	71.30
	607,289,442.23	0.81	370,757,187.84	0.60	63.80
	582,866,692.61	0.78	561,522,313.72	0.91	3.80
	719,182,012.38	0.96	526,712,804.76	0.85	36.54
	521,903,315.47	0.70	439,727,138.90	0.71	18.69
	6,166,701,011.00	8.26	6,158,916,011.00	9.99	0.13
	4,684,331,733.39	6.27	6,906,368,536.43	11.20	- 32.17
	5,537,416.98	0.01	39,023,616.98	0.06	- 85.81
	234,427,860.48	0.31	202,406,493.73	0.33	15.82
	65,773.29	0.00	2,852,940.40	0.00	- 97.69
	1,624,243,649.52	2.18	1,399,718,149.23	2.27	16.04
	13,366,927,927.00	17.90	13,275,246,110.28	21.53	0.69
	4,675,421,443.91	6.26	1,038,761,858.95	1.68	350.10
	74,674,833,636.20	100.00	61,660,896,990.35	100.00	21.11

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1,080,494 : : 14.47%





3 2017 12 31 , 2009 9 27 247,600

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2022  
33.84

1,068

780

44.13

984.43

92.18%  
36.80

706.67  
108.75%

90.60%

2 2023

1 1,060

2 753

3 39.00

4 100%

5 35.80

M C S

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CVC

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2023

11.23

39.00

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11.12

9.29

2023

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28.75

35.80

7.05

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- 5 2021
- 6 2022
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- 8 2021
- 9 2021
- 10 2021
- 11 2021
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- 16.01
- 16.02
- 16.03
- 16.04
- 16.05

2021	2022-04-12	2021 2022-041	2022-04-13	8 9 10 11 12 13 14 15 16 16.01 16.02 16.03 16.04 16.05
2022	2022-06-29	2022 2022-061	2022-06-30	1 2 3 4 5
2022	2022-08-17	2022 2022-074	2022-08-18	
2022	2022-11-15	2022 2022-100	2022-11-16	1 2

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			2015-11-06	2023-12-21						
	55	2014-12-08	2023-12-21	3,800,000	3,800,000	0	-		339	
		2016-08-31	2023-12-21							
	55	2017-12-25	2023-12-21	2,150,000	2,150,000	0	-		256	
		2021-02-08	2023-12-21							
	58	2013-12-28	2023-12-21	1,600,000	1,600,000	0	-		0	
	48	2019-04-12	2023-12-21	0	0	0	-		0	
	54	2020-07-09	2023-12-21	0	0	0	-		0	
	57	2017-12-25	2023-12-21	0	0	0	-		15	
	56	2017-12-25	2023-12-21	0	0	0	-		15	

		54	2022-06-29	2023-12-21	-	0	-	-		9
		46	2020-12-22	2023-12-21	5,400	5,400	0	-		0
			2020-12-22	2023-12-21						
		57	2020-12-22	2023-12-21	0	0	0	-		71
		53	2020-12-22	2023-12-21	168,300	168,300	0	-		71
		58	2020-12-22	2023-12-21	0	0	0	-		20
		52	2020-12-22	2023-12-21	0	0	0	-		20
		51	2021-02-08	2023-12-21	600,000	600,000	0	-		209
		59	2012-02-13	2023-12-21	1,600,000	1,600,000	0	-		197
		55	2011-09-20	2023-12-21	1,600,000	1,600,000	0	-		194
		56	2013-08-12	2023-12-21	1,600,000	1,600,000	0	-		198
		57	2019-07-09	2023-12-21	600,000	600,000	0	-		193
			2017-05-12	2023-12-21						
		45	2021-02-08	2023-12-21	0	0	0	-		151
		52	2021-02-08	2023-12-21	0	0	0	-		149
		50	2008-03-20	2023-12-21	700,000	700,000	0	-		150
		41	2021-02-08	2023-12-21	294,000	420,000	+126,000			86
		65	2016-05-06	2022-06-29	0	0	0	-		8
	/	/	/	/	18,250,701	18,376,701	+126,000	/		2,350

	1965	5								
	1967	11								
	1967	9								
	1964	6								
			CFO						LianlianPayInc.	
	1974	3								
	1968	1								
			CFO	CFO	CFO	CFO			CFO	

	1965	8								
									600122.SH	
										601688.SH
									600710.SH	601928.
	SH									
	1966	8								
	1968	10								
										002024.SZ
									002482.SZ	300209.SZ
										601688.SH

	1976	4								
	1965	3								
	1969	6								
	1964	7								
	1970	6								
	1971	2								
	1963	2								
	1967	9								
	1966	10								
	1965	11								
	1977	9								
	1970	8								
	1972	9								
	1981	5							MBA	

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		CEO	2015-10	
		CEO	2015-10	
			2019-01	
			2016-08	
			2016-08	
			2019-03	
			2020-04	
			2020-12	
			2020-04	
			2020-04	
			2022-11	
			2020-04	
			2020-04	
			2019-03	
			2019-03	
			2020-12	
			2020-12	
			2020-05	
			2020-05	

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			2013-12	
			2014-02	
			2014-08	
			2014-12	
			2014-12	
			2014-12	
			2015-02	
			2015-04	
			2015-06	
			2015-11	
			2015-10	
			2015-11	
			2016-03	
			2016-03	
			2017-03	
			2016-06	
			2018-07	
			2020-08	
			2020-10	
			2020-12	
			2021-01	
			2021-11	
			2016-03	
			2015-04	
			2015-11	
			2015-10	
			2016-01	
			2016-03	
			2017-06	
			2018-01	
			2018-01	
			2018-01	
			2018-04	

			2020-08	
			2021-04	
			2016-05	
			2016-10	
			2016-11	
			2021-03	
			2021-04	
			2015-06	
			2017-02	
			2020-07	
			2020-07	
			2020-07	
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			2018-07	
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			2020-04	



	2022-08-01	1 2
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		7	7	7	0	0	4
		7	7	4	0	0	2
		7	7	6	0	0	4
		7	7	7	0	0	4
		3	3	2	0	0	2
		4	4	4	0	0	2

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2022- 03- 22	2021	<2022	>	/	/
2022- 04- 28				/	/
2022- 05- 30				/	/
2022- 10- 24				/	/

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2022- 03- 22	ESG	2021	2022	/	/
2022- 07- 29	ESG			/	/

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	4,582
	9,793
	14,375
	48
	9,185
	586
	3,115
	266
	1,223
	14,375
	4,513
	3,596
	4,597
	1,669
	14,375

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	1,541,272,752.75
	2,161,466,520.30
%	71.31
	0
	1,541,272,752.75
%	71.31

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2018	2022 1 7	2018
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2,089.72                      6,614.09                      74.45                      2.78                      1,214.24                      100%

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				/	/	2022 1-12					
59	27	30	2012	GB28665-	1,667.85	1,916.68					
		20									
	38	50	2012	GB28664-							
		20									
		30									
		100									
	41	6	30	2012							GB13271- 2014
			10								GB13223- 2011
		35	20	2012							GB28663-
			25								
	24	18	30	2012							GB28665-
			20								
48	2	25	2012	GB28663-							
		3			GB28662- 2012						
	27	40									
		20									
	16	30	2012	GB16171- 2012							
50											
80											
172	/	/	/	/	6,614.0981	14,262.832					

				/	/	2022 1-12					
COD	21	21	2012	150	GB28665-	1,214.2485	4,304.391				
											11
	50	GB13223- 2011									
	7	7	100	2012	GB28663-						
			150								
	16	4	180	2012	GB28662- 2012						
											10
		55	/	/	/						
											11
	150	GB13271- 2014									
	7	7	300	2012	GB28663-						
											11
4						150	GB28662- 2012				
	5	150	2012	GB16171- 2012							
50					/	/	/	/			
2	2	2	2012	50	GB13456	2,089.7295	7,177.452				
											2
	2	2	5	2012	GB13456						
											2

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				2022	1-12					
DA001	1			4.92 mg/m	0.974	8.64	GB 31572- 2015		/	
				5.25 mg/m	1.039	2.88				GB13271- 2014
				10.8 mg/m	2.138	11.516				GB14554- 93
				3 mg/m	0.594	/				GB16297- 1996



					/		2022 1-12			
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1 1# 40  
2  
DB34/2701- 2016 1,756.83 4,380.0  
1 2# 40  
2  
DB34/2701- 2016

40 632.6

			1	1#	2	DB34/2701- 2016	8.82	1,460				
					50		58.07	228.125				
			1		5 15 0.5	GB18918- 2002 A	0.40 31.17 0.46	22.8125 68.4375 2.28				
					18.5		730	1,825				
			1		0.7 0.1 5.4	GB18918- 2002 A	27.7 3.95 213.3	182.5 18.25 547.5				
					28.6		128	730				
			1		0.526 0145 6.56	GB18918- 2002 A	2.17 0.65 29.36	73 7.3 219				
					50m		34.4	182.5				
			1		5 8 15 0.5	GB 18918- 2002 A	1.749 11.556 0.1864	18.25 54.75 1.825				
					2 4 40		7.4	103.2				
			1		12 15 0.3	DB33/2169- 2018	308.1 4.63	1,460 483.3 10.95				

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2#2550

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						17.5 10 850			2022 9	2022- 03
									2022 260	2022- 08
									2022 294	2022- 12

									2020- 12- 24	2021- 01- 01~2025- 12- 31
									2020- 12- 24	2021- 01- 01~2025- 12- 31
									2020- 12- 24	2021- 01- 01~2025- 12- 31
									2020- 12- 24	2021- 05- 30~2026- 05- 29
									2021- 07- 28	2021- 07- 28~2026- 07- 27
									2021- 01- 06	2021- 01- 25~2026- 01- 24
									2022- 04- 01	2022- 04- 01~2027- 03- 31
									2022- 12- 28	2022- 12- 28~2027- 12- 28
									2021- 10- 11	2021- 12- 20~2026- 12- 19
									2021- 03- 17	2021- 12- 20~2026- 12- 19
									2021- 10- 09	2021- 12- 15~2026- 12- 14
									2021- 12- 14	2021- 12- 24~2026- 12- 23
									2021- 12- 20	2021- 12- 24~2026- 12- 23
									2022- 09- 26	2022- 08- 29~2027- 08- 28
									2022- 07- 13	2022- 07- 13~2027- 07- 12
									2022- 07- 13	2022- 07- 13~2027- 07- 12
									2022- 07- 26	2022- 08- 08~2027- 08- 07
									2022- 06- 13	2022- 06- 13~2027- 06- 12
									2020- 12- 01	2021- 01- 01~2025- 12- 31
									2022- 03- 15	2022- 06- 14~2027- 06- 13
									2021- 07- 23	2021- 07- 23~2026- 07- 22
									2021- 05- 07	2021- 06- 11~2026- 06- 10

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		13,217.69

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338.6 130.8 6,548 910.54 4,638  
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2023	3	1	1	1	2022
2022					
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						%	
						531,675,932.83	0.76
						112,450,182.18	0.16
						265,099,736.53	0.38
						669,911.04	0.00
						28,792,003.83	0.04
						67,369,135.30	0.10
						31,158,318.67	0.04
						4,239,431.21	0.01
						35,249,654.19	0.05
						42,505.83	0.00
						26,251,550.12	0.04
						7,766,605.85	0.01
						1,518,949,158.02	2.18
						7,252,022.00	0.01
						23,615,096.78	0.03

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						%	
						1,201,653.82	0.00
						601,306,605.12	0.90
						321,667.28	0.00
						14,756,221.92	0.02
						152,769.91	0.00
						2,174,465.00	0.00
						23,775,649.79	0.04
						16,122,020.83	0.02
						3,979,695.95	0.01

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						%	
						1,495,486.24	0.00
						3,000,000.00	0.00

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						%	
						23,056,833.91	0.03





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2021 11 18	12	A	1
2022 6 24		2021 11 19	2022 6 24
104,162,057.33	28,903,862	14,539,819	0.47%
6 25	2022- 060		2022

1	1,698,163,773	2023 7 8	/	36
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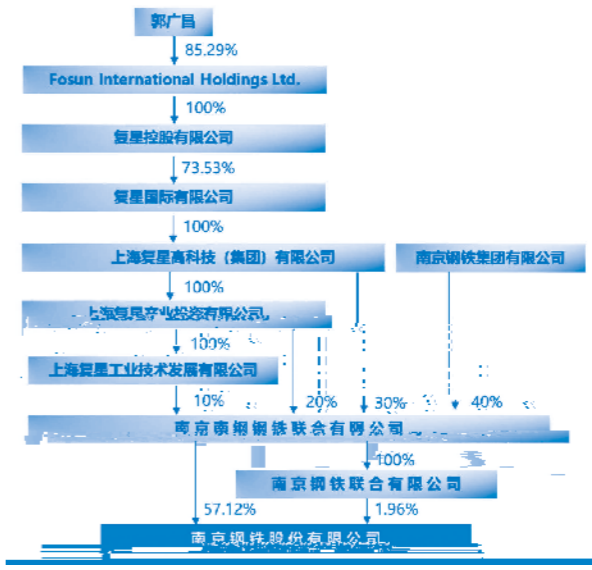
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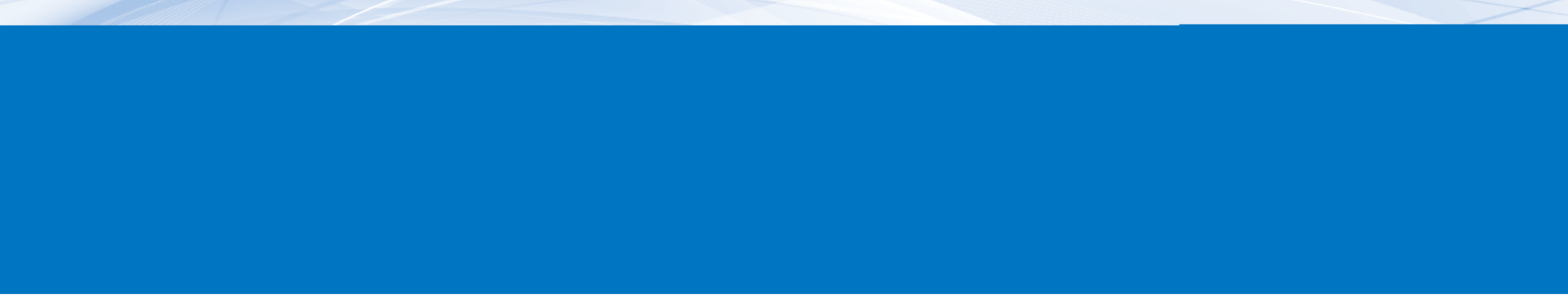


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2	1967	1989	1999
		Fosun International Holdings Ltd.	
		00656.HK	
1		00656.HK	
2			600196.SH
3			02196.HK
4			600282.SH
5			300226.SZ
6	Roc Oil Company Limited	2015 1	601969.SH
7	Luz Saú de, S.A.	LUZ.PL	2018 11 28
8	Club Med SAS	Club Méditerrané e SA	2015 3
9		01696.HK	
10	The NAGA Group SA	Scale	N4G
11	Paris Realty Fund SA	PAR	
12		01992.HK	
13			600655.SH
14	Wolford AG	WOL.AV	
15	TOM TAILOR Holding SE		TTI.GY
16			2696.HK
17		603919.SH	
18	Gland Pharma Limited	/	GLAND
19		600702	
20		603010	
21	Lanvin Group Holdings Limited		NYSE: LAVN

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	288	/		0571- 87659885

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2019	500,000,000	500,000,000	0			
2019	500,000,000	500,000,000	0			
2020	500,000,000	500,000,000	0			

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	2022	2021	%	
	2,029,196,481.68	3,689,835,472.71	- 45.01	
	0.85	0.95	- 10.88	
	0.65	0.65	/	
%	58.83	53.06	5.77	
EBITDA	19.82%	39.94%	20.12	
	5.07	12.56	- 59.61	
	5.96	15.63	- 61.87	
EBITDA	6.48	18.93	- 65.76	
%	100.00	100.00	/	
%	100.00	100.00	/	

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191,518,742.93  
2022 12 31  
7,225,529,765.96

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	2022 12 31	2021 12 31
1	11,757,924,887.36	7,249,902,191.03
2	1,804,342,215.11	1,374,048,586.45
3	89,342,160.00	21,587,810.00
4	469,271,797.17	404,807,064.43
5	2,830,610,026.89	1,420,631,449.66
6	3,956,057,031.94	5,379,789,555.48
7	1,399,544,148.45	1,253,139,442.85
8	151,668,205.54	152,083,600.81
	-	-
9	7,034,011,023.03	8,332,959,395.51
	-	-
	146,171,868.19	1,415,328.49
13	1,112,638,036.62	1,098,172,296.22
	30,751,581,400.30	26,688,536,720.93
16	72,427,164.54	36,455,553.38
17	555,566,751.98	633,430,548.84
18	1,714,351,782.25	1,753,659,712.13
19	340,867,978.32	218,052,333.33
	6,923,774.20	
21	26,452,048,786.40	19,648,153,350.34
22	6,061,192,038.70	4,801,741,765.88
25	263,279,220.77	140,775,902.22
26	4,875,591,968.93	4,123,960,040.10
28	1,762,836,435.77	481,116,224.73
29	16,805,416.62	8,888,826.85
30	536,034,709.61	414,099,480.27
31	1,265,326,207.81	2,712,026,531.35
	43,923,252,235.90	34,972,360,269.42
	74,674,833,636.20	61,660,896,990.35



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	20- 40	5.00%	2.38% - 4.75%
	3- 15	5.00%	6.33% - 31.67%
	20	5.00%	4.75%
	4- 25	5.00%	3.8% - 23.75%
	3- 10	5.00%	9.50% - 31.67%

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	159,305.08	125,637.37
	6,036,057,708.04	3,927,117,236.51
	5,721,707,874.24	3,322,659,317.15
	11,757,924,887.36	7,249,902,191.03
	609,250,974.60	515,339,643.20

81

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	1,804,342,215.11	1,374,048,586.45
	1,228,269,260.11	784,011,739.83
	121,020,982.40	
	455,051,972.60	590,036,846.62
	1,804,342,215.11	1,374,048,586.45

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	89,342,160.00	21,587,810.00
	89,342,160.00	21,587,810.00

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	469,271,797.17	404,807,064.43
	469,271,797.17	404,807,064.43

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		196,292,937.32
		196,292,937.32



	106,015,500.54	- 3,876,253.89	- 4,866,601.60	- 1,868.52	24,055,186.68	121,325,963.21
	106,015,500.54	- 3,876,253.89	- 4,866,601.60	- 1,868.52	24,055,186.68	121,325,963.21

1		4,866,601.60				
		4,866,601.60		/		

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		1,868.52
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		%	
1	215,347,853.18	7.30	12,920,871.19
2	186,790,330.96	6.33	
3	146,938,277.00	4.98	
4	116,634,716.34	3.95	6,998,082.98
5	106,082,059.65	3.59	
	771,793,237.13	26.15	19,918,954.17

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	3,956,057,031.94	5,379,789,555.48
	3,956,057,031.94	5,379,789,555.48

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		2,673,144,764.06
		2,673,144,764.06

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		8,858,105,801.82
		8,858,105,801.82

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		%		%
1	1,376,221,126.66	98.33	1,236,482,712.62	98.67
1 2	12,253,955.26	0.88	7,520,564.55	0.60
2 3	4,171,174.98	0.30	1,882,968.83	0.15
3	6,897,891.55	0.49	7,253,196.85	0.58
	1,399,544,148.45	100.00	1,253,139,442.85	100.00

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		%
1	465,641,473.16	33.27
2	200,938,601.69	14.36
3	49,877,717.53	3.56
4	42,532,327.50	3.04
5	41,927,431.40	3.00
	800,917,551.28	57.23

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	151,668,205.54	152,083,600.81
	151,668,205.54	152,083,600.81

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1	119,673,665.90
1	119,673,665.90
1 2	22,178,572.14
2 3	27,249,836.31
3	
3 4	1,539,871.63
4 5	3,301,129.39
5	34,095,013.60
	208,038,088.97

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	11,347,996.41	18,277,740.18
	25,269,063.58	42,199,803.23
	140,062,521.91	100,570,856.17
	31,358,507.07	48,422,276.99
	208,038,088.97	209,470,676.57

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2022 1 1	34,814,991.65	22,572,084.11	57,387,075.76
2022 1 1			
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	1,414,117.41			1,414,117.41
	-1,865,338.85			-1,865,338.85
	-565,970.89			-565,970.89
2022 12 31	33,797,799.32		22,572,084.11	56,369,883.43

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	57,387,075.76	1,414,117.41		-1,865,338.85	-565,970.89	56,369,883.43
	57,387,075.76	1,414,117.41		-1,865,338.85	-565,970.89	56,369,883.43

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		1,865,338.85
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				%	
1		27,478,648.04	1	13.21	1,373,932.40
2		19,847,500.01	5	9.54	19,847,500.01
3		13,293,568.00	2	6.39	1,038,716.80
4		12,000,000.00	2-3	5.77	6,000,000.00
5		10,000,000.00	2-3	4.81	3,000,000.00
/		82,619,716.05	/	39.72	31,260,149.21

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3,047,861,809.84	11,464,415.10	3,036,397,394.74	4,619,569,281.96	1,171,709.79	4,618,397,572.17
296,158,771.64	32,530.95	296,126,240.69	260,861,232.75	59,540.19	260,801,692.56
1,763,635,817.64	103,489,110.09	1,660,146,707.55	2,095,393,073.44	163,917,293.01	1,931,475,780.43
976,800,734.99	54,362,964.34	922,437,770.65	881,035,999.46	65,452,790.37	815,583,209.09
1,078,839,387.28	22,169,722.45	1,056,669,664.83	741,680,553.80	45,781,276.27	695,899,277.53
62,233,244.57		62,233,244.57	10,801,863.73		10,801,863.73
7,225,529,765.96	191,518,742.93	7,034,011,023.03	8,609,342,005.14	276,382,609.63	8,332,959,395.51

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1,171,709.79	11,682,102.99		449,760.92	939,636.76	11,464,415.10
59,540.19	3,256.64			30,265.88	32,530.95
163,917,293.01	103,479,816.45		160,678,506.07	3,229,493.30	103,489,110.09
65,452,790.37	54,362,964.34		65,452,790.37		54,362,964.34
45,781,276.27	31,431,449.26	458,154.43	45,755,197.04	9,745,960.47	22,169,722.45
276,382,609.63	200,959,589.68	458,154.43	272,336,254.40	13,945,356.41	191,518,742.93

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144,668,397.26	
1,503,470.93	1,415,328.49
146,171,868.19	1,415,328.49

	158,867,467.64	165,319,198.99
	790,242,268.25	433,069,541.33
	136,782,319.60	474,873,952.24
	26,745,981.13	24,909,603.66
	1,112,638,036.62	1,098,172,296.22

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2	472,227.17									- 472,227.17	-
	20,921,007.68			134,075.02							21,055,082.70
	4,994,267.09			944,545.43							5,938,812.52
	87,592,255.63			- 34,035,157.54							53,557,098.09
	331.16 *	9	4	8342				3			520 R. 0 F


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100.00

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	1,691,539,182.19	706,620,182.49
	5,665,038,879.46	3,635,666,671.45
	1,980,884,606.29	418,790,000.00
	113,915,235.00	99,100,000.00
+	3,247,000,000.00	1,652,110,000.00
+	30,000,000.00	30,000,000.00
	20,332,713.60	12,667,275.56
	12,748,710,616.54	6,554,954,129.50

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	21,195,424.46	49,220,501.84	70,415,926.30
	21,195,424.46	49,220,501.84	70,415,926.30

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	8,030,775,020.65	8,336,763,904.13
	8,030,775,020.65	8,336,763,904.13

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	3,855,676,370.06	3,617,901,460.38
	2,179,234,410.38	1,084,292,997.79
	207,185,788.97	175,200,572.95
	6,242,096,569.41	4,877,395,031.12

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1	46,394,996.51	
2	21,979,477.00	
3	21,858,368.43	
4	21,494,946.09	
5	20,330,075.59	
	132,057,863.62	/

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	3,620,259,331.63	3,634,300,596.19
	232,859,471.90	420,262,381.85
	3,853,118,803.53	4,054,562,978.04

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	725,533,434.96	3,364,598,408.41	33,500,212.35	3,055,165,383.66	578,099.74	1,067,888,572.32
-	1,931,995.99	337,925,589.60	692,186.42	339,354,105.94		1,195,666.07
						-
						-
	727,465,430.95	3,702,523,998.01	34,192,398.77	3,394,519,489.60	578,099.74	1,069,084,238.39

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			:	:
			9,120,000.00	
			5,880,000.00	
		10,000,000.00		
		2,356,593.03		1,071,178.65
		254,034.58		
		12,610,627.61		16,071,178.65

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			:	:
		9,387,604.12		23,515,700.00
		452,575,602.29		358,786,016.14
		34,434,947.66		49,771,065.25
		290,417,803.97		158,201,584.11
		786,815,958.04		590,274,365.50

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			:	:
1		28,485,855.25		
2		20,000,000.00		° 2

+	92,827,994.41	
	1,570,024,811.48	331,086,804.31

	16,874,954.64	21,489,531.29
	60,281,387.59	64,112,154.17
	450,108,213.87	397,648,494.83
	3,880,000.00	23,650,000.00
	179,948,820.72	202,104,861.62
	173,119,727.62	152,572,411.18
	40,338,284.01	62,665,871.52
	924,551,388.45	924,243,324.61

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(1).

	1,106,347,720.00	7,400,000.00
	77,003,493.34	13,598,544.40
+	91,875,000.00	1,000,000,000.00
	3,441,041,161.22	706,924,723.70
	119,971,853.27	181,231,653.27
+	215,661,686.48	249,064,266.88
	8,300,696.92	5,801,715.62
	5,060,201,611.23	2,164,020,903.87

2.7% - 6.96%

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(1).

2020		499,517,211.16
		13,707,123.29
		513,224,334.45

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2020	100.00	2020-05-27	3	500,000,000.00	513,224,334.45	22,950,000.00	342,379.60	22,950,000.00	513,566,714.05	
	/	/	/	500,000,000.00	513,224,334.45	22,950,000.00	342,379.60	22,950,000.00	513,566,714.05	
	2020	5	25		2020			5	2020	
5	27	2023	5	27	4.59%	100	/		100	

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47

	236,775,382.84	139,329,873.99
	42,155,915.03	25,718,052.05
	194,619,467.81	113,611,821.94

48

	551,339,874.76	321,088,122.12
	55,949,567.47	49,669,065.72
	607,289,442.23	370,757,187.84

(1).

	520,292,490.26	281,545,339.52
	20,000,000.00	20,000,000.00
	11,047,384.50	19,542,782.60
	551,339,874.76	321,088,122.12

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7,785,000.00      14,403,600.00      7,785,000      22,188,600.00

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	6,839,109,263.30	25,262,974.76	2,288,329,524.91	4,576,042,713.15
	67,259,273.13			

	204,946,922.32	-140,394,976.73			-21,059,246.51	-119,335,730.22		85,611,192.10
	204,946,922.32	-140,394,976.73			-21,059,246.51	-119,335,730.22		85,611,192.10
	-2,540,428.59	161,520,249.47			10,163,152.50	151,357,096.97		148,816,668.38
	18,349,638.50	67,754,350.00			10,163,152.50	57,591,197.50		75,940,836.00
	-20,890,067.09	93,765,899.47				93,765,899.47		72,875,832.38
	202,406,493.73	21,125,272.74			-10,896,094.01	32,021,366.75		234,427,860.48

58

	2,852,940.40	197,449,874.08	200,237,041.19	65,773.29
		9,331,143.14	9,331,143.14	-
	2,852,940.40	206,781,017.22	209,568,184.33	65,773.29

59

	1,233,360,726.53	224,525,500.29	1,457,886,226.82
	166,357,422.70		166,357,422.70
	1,399,718,149.23	224,525,500.29	1,624,243,649.52

60

	13,119,395,552.01	10,724,694,552.05	--
	-	-	
	155,850,558.27	42,854,292.60	--
	13,275,246,110.28	10,767,548,844.65	--
	2,161,466,520.30	4,203,999,256.44	--
	224,525,500.29	163,127,563.06	10%

		1,845,259,203.29	1,533,174,427.75
		13,366,927,927.00	13,275,246,110.28
1			0
2	0		
3	0		
4		155,850,558.27	
5	0		

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	70,292,176,385.60	62,780,700,958.12	76,400,867,023.08	67,134,051,057.14
	374,747,458.46	286,064,001.60	152,853,245.13	125,093,883.38
	70,666,923,844.06	63,066,764,959.72	76,553,720,268.21	67,259,144,940.52

(2).

		49,433,645,710.55
		21,233,278,133.51
		66,984,880,177.44
		3,682,043,666.62
		69,411,058,850.33
		1,255,864,993.73
		2,520,184,600.00
		68,146,739,244.06
		70,666,923,844.06

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62

	69,102,701.05	79,433,523.53
	50,487,554.71	59,127,473.33
	65,624,866.64	59,195,943.44
	22,757,346.41	31,906,451.87
	27,911,155.23	26,023,840.52
	73,051,589.35	45,338,253.21

	646,568,870.35	445,617,337.76
	324,657,035.73	259,940,724.37
	56,695,844.75	40,818,746.65
	38,766,392.93	34,262,624.50
	-18,286,830.63	-18,667,173.63
	399,087,241.67	242,090,810.91

[ ]	53,629,613.61	46,931,560.70	/
	31,216,678.27	34,710,169.63	
	126,665,741.36	80,942,362.00	
	109,356,238.63	136,544,526.25	
	320,868,271.87	299,128,618.58	

84

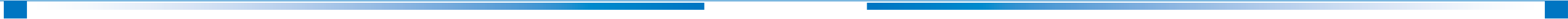
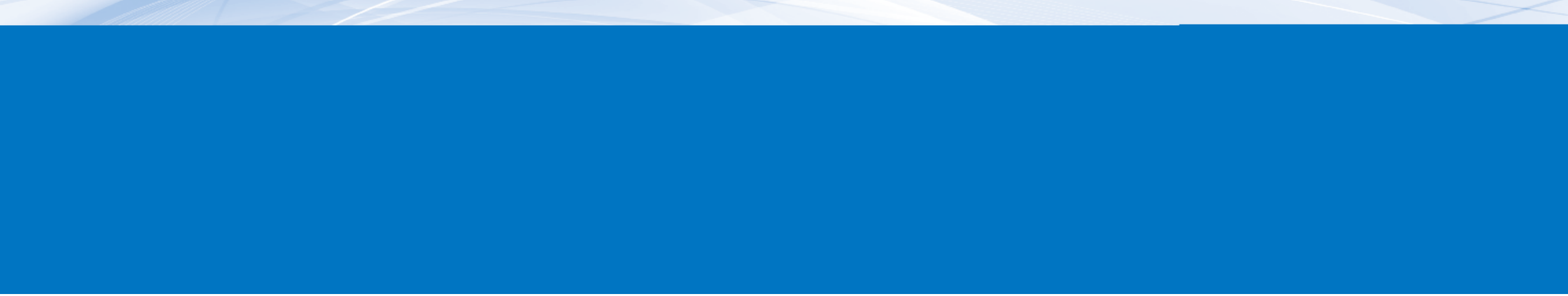
68

	8,703,227.35	96,888,027.16
	-17,506,806.47	6,788,198.93
	60,802,602.10	11,550,975.77
	18,954,164.36	1,432,923.40
	-66,124,716.89	130,775,486.63
	15,912,478.67	26,447,497.76
	-122,016,304.25	-159,753,584.27
	32,815,207.09	20,183,729.16
	-68,460,148.04	134,313,254.54

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	1,024,540,780.70	1,018,41	4 02

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	2,323,538,242.46	4,236,698,587.10
	320,446,239.86	438,267,378.62
	1,842,127,635.27	1,663,711,788.17
	30,309,744.90	25,048,339.62
	403,069,548.54	290,085,162.94
	2,746,199.97	1,617,077.09
	- 9,514,509.56	28,030.91
	60,097,405.34	56,767,257.01
	- 61,552,753.72	- 218,372,987.94
	666,395,504.29	475,785,594.91
	68,460,148.04	- 134,313,254.54
	- 113,204,021.86	60,756,445.54
	- 34,839,866.62	32,863,873.99
	1,902,254,124.47	- 1,493,318,192.75
	- 5,852,481,321.41	- 5,687,614,293.79
	2,204,668,935.52	5,484,989,500.80
	3,752,521,255.49	5,233,000,307.68
2		
	149,481,984.64	
3		
	6,265,508,723.72	3,934,817,962.35
	3,934,817,962.35	4,185,100,379.41
	2,330,690,761.37	- 250,282,417.06

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	1,653,541,054.31
	1,539,833,035.31
	113,708,019.00
	1,866,792,845.78
	484,345.42
	1,866,308,500.36
	- 213,251,791.47

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	2,494,928.63
	2,494,928.63
	489,236.56



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			%						
	2022	4	2,742,617,987.09	29.5645%	+	2022	4	2,674,565,524.36	126,078,346.26
	2022	5	113,708,019.00	100.00%		2022	5	186,354,468.29	12,953,735.47
1	2021	1 27	2021	3 26		2021		23.73	/
				5,000				14.42%	118,650
	2021	1 27	2021	4 29	2021	12 15			
				104,305,939					
	2022	2 28		149,261.80					
	2022	4 8							
2022	4 7								
2					2022	5 30			
			113,708,019						70%
				30%			100%		

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--		2,742,617,987.09	113,708,019.00
		2,742,617,987.09	113,708,019.00
		1,350,300,842.27	112,550,885.99
/		1,392,317,144.82	1,157,133.01

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	5,787,754,005.56	5,076,884,035.09	329,492,551.04	320,073,183.95
	3,268,732,691.59	3,268,732,691.59	12,986,688.31	12,986,688.31
	2,519,021,313.97	1,808,151,343.50	316,505,862.73	307,086,495.64
	1,181,899,318.19	1,058,607,884.64	216,941,665.05	

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1,060,000.00      1,060,000.00

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	3,773,586,662.68	3,809,128,973.29
	1,995,675,092.86	2,175,448,382.11
	657,818,923.49	761,555,435.75
	1,337,856,169.37	1,413,892,946.36
	3,116,371,646.52	3,073,250,260.90
	320,119,277.18	281,195,201.79
	2,796,252,369.34	2,792,055,059.11

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		%				%					
	5,700,000.00	65.00%	2022	2		-14,718,549.60	-	-	-	-	-
	2,494,928.63	51.00%	2022	10		-992,303.20	-	-	-	-	-
	11,562,500.00	55.06%	2022	5		5,607,396.54	-	-	-	-	-

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			Z	Z		





C		49.00%
D		47.00%
E	45.00%	
F	29.5645%	

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		100.00%	90.625%	1
PT NISCO JINTENG STEEL		100.00%	100.00%	2
		60.00%	100.00%	3
		94.1663%	95.0635%	4
1	恒		90.625%	100.00%
2	恒	90.625%	100.00%	恒 PT
NISCO JINTENG STEEL				
3			100.00%	60.00%
4			95.0635%	94.1663%

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		PT NISCO JINTENG STEEL		
/				
--	3,150,000.00			
--				
/	3,150,000.00			
/	3,182,632.94	780,738.99	- 4,118.46	10,050,121.29
	- 32,632.94	- 780,738.99	4,118.46	- 10,050,121.29
	- 32,632.94	- 780,738.99	4,118.46	- 10,050,121.29

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		555,566,751.98	633,430,548.84
--		8,703,227.35	96,888,027.16
--			
--		8,703,227.35	96,888,027.16

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	5.83%	14,215,196.61	11,732,091.30	177,420,063.93
	70.44%	110,635,483.09	174,414,514.68	3,153,224,975.78

(3).

	1,410,501,411.68	3,796,957,105.03	5,207,458,516.71	705,517,243.57	1,300,325,157.02	2,005,842,400.59	1,439,569,669.72	3,809,128,973.29	5,248,698,643.01	761,555,435.75	1,413,892,946.36	2,175,448,382.11
	3,058,923,881.61	3,603,805,064.23	6,662,728,945.84	1,515,742,878.04	619,995,309.25	2,135,738,187.29						

	1,421,703,916.67	277,483,336.02		369,770,533.12	1,074,100,952.39	240,461,453.75		712,688,497.53	
	2,674,565,524.36	135,765,635.18	5,345,432.31	306,059,887.62					

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	531,000,447.21	83,477,433.74	614,477,880.95
		13,043,262.09	13,043,262.09

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5%	- 5,528.85
5%	5,528.85
5%	358.08
5%	- 358.08

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5%

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2022 12 31

2022 12 31

5%

	7,286.00	5,217.64

2022 12 31

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2022 12 31

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	1	1- 5	5	
	1,274,871.06			1,274,871.06
	7,041.59			7,041.59
	803,077.50			803,077.50
	624,209.66			624,209.66
	79,942.66			79,942.66
	106,908.42			106,908.42
	388.00			388.00
	213,666.57			213,666.57
		506,020.16		506,020.16
		23,677.54		23,677.54
		55,133.99		55,133.99
	3,110,105.47	584,831.69		3,694,937.16

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2022 12 31

549,060.77

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2 2022 12 31

238.93

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	1,291,477,806.32	283,899,983.64	318,306,585.15	1,893,684,375.11
1.	1,291,477,806.32	283,899,983.64	318,306,585.15	1,893,684,375.11
1	455,051,972.60			455,051,972.60
2	626,062,691.32	283,899,983.64	318,306,585.15	1,228,269,260.11

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2022

	199,497,394	2,175,058,671	53.5674%	
95%	2,066,305,737		7	108,752,934
	7			
	2022 7 19			

	-	Black-Scholes



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Kinrui New Energy Technologies Indonesia

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	66,770,713,423.06	2,674,565,524.36	1,421,703,916.67	200,059,020.03	70,666,923,844.06
	60,215,661,033.45	2,188,765,351.94	862,397,594.36	200,059,020.03	63,066,764,959.72
	2,057,988,485.65	135,765,635.18	277,483,336.02	147,699,214.39	2,323,538,242.46
	67,082,894,633.14	6,662,728,945.84	5,207,458,516.71	4,278,248,459.49	74,674,833,636.20
	39,871,089,029.26	2,135,738,187.29	2,005,842,400.59	84,417,962.55	43,928,251,654.59

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	27,692,521,552.24	23,435,503,215.55	28,520,073,884.25	24,047,682,264.34
	13,912,665,046.15	12,658,196,586.97	15,587,853,541.11	13,283,478,855.18
	7,828,459,112.15	7,250,166,437.77	9,462,611,242.00	8,204,229,706.69
	7,536,610,895.36	7,407,518,100.46	12,103,154,552.44	11,763,697,603.89
	13,321,919,779.69	12,029,316,617.37	10,727,173,803.28	9,834,962,627.03
	70,292,176,385.60	62,780,700,958.12	76,400,867,023.08	67,134,051,057.14

2022 12 31

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1		
1		543,244,905.17
1		543,244,905.17
1 2		308,399.45
2 3		
3		
3 4		50.51
4 5		
5		445,762.95
		543,999,118.08

(2).

		%		%		%		%		
	543,999,118.08	100.00	7,387,618.01	1.36	536,611,500.07	468,041,610.91	100.00	13,773,863.55	2.94	454,267,747.36
	428,061,740.98	78.69	-	-	428,061,740.98	311,190,896.38	66.49	-	-	311,190,896.38
	115,937,377.10	21.31	7,387,618.01	6.37	108,549,759.09	156,850,714.53	33.51	13,773,863.55	8.78	143,076,850.98
	543,999,118.08	100.00	7,387,618.01	1.36	536,611,500.07	468,041,610.91	100.00	13,773,863.55	2.94	454,267,747.36

		%
	428,061,740.98	-
	115,937,377.10	6.37
	543,999,118.08	1.36

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	2,398,225,896.03	1,398,225,896.03
	900,000,000.00	
	3,298,225,896.03	1,398,225,896.03

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1		
1		
1		377,498,202.72
1		377,498,202.72
1 2		1,910,117.16
2 3		39,647.96
3		
3 4		1.60
4 5		406,147.79
5		4,056,769.90
		383,910,887.13

(2).

	361,116,532.61	437,667,545.58
	22,391,558.21	18,881,398.27
	402,796.31	366,971.71
	383,910,887.13	456,915,915.56

(3).

	12			
2022 1 1	8,063,505.37			8,063,505.37
2022 1 1				
--				
--				
--				
--				

(3).

	13,773,863.55	- 6,386,245.54			7,387,618.01
	13,773,863.55	- 6,386,245.54			7,387,618.01

(4).

(5).

2,191,790.77      452,944,287.16      83.26%

(6).

(7).

2

	3,298,225,896.03	1,398,225,896.03
	378,343,391.88	448,852,410.19
	3,676,569,287.91	1,847,078,306.22

(1).

(2).

(3).

12		
- 810,671.27		- 810,671.27
- 1,685,338.85		- 1,685,338.85
5,567,495.25		5,567,495.25

14,090,774,292.43		14,090,774,292.43	9,049,760,521.60		9,049,760,521.60
193,171,713.00	126,231,081.68	66,940,631.32	1,377,847,690.80	126,231,081.68	1,251,616,609.12
14,283,946,005.43	126,231,081.68	14,157,714,923.75	10,427,608,212.40	126,231,081.68	10,301,377,130.72

(1).  
z z |z

	8,063,505.37	- 810,671.27		- 1,685,338.85	5,567,495.25
	8,063,505.37	- 810,671.27		- 1,685,338.85	5,567,495.25

(5).

		1,685,338.85

(6).

				%	
1		305,857,833.33	1	79.67	
2		31,648,685.00	1	8.24	
3		12,207,991.62	1	3.18	
4		5,700,000.00	1	1.48	342,000.00
5		5,663,814.46	1	1.48	
	/	361,078,324.41	/	94.05	342,000.00

(7).

(8).

(9).



4  
(1).

	53,438,815,783.00	50,212,971,990.12	57,428,125,242.38	53,149,656,344.62
	1,075,443,443.49	1,082,081,426.01	854,636,150.92	858,071,292.42
	54,514,259,226.49	51,295,053,416.13	58,282,761,393.30	54,007,727,637.04

(2).

3

		39,438,314,194.53
		15,075,945,031.96
		54,514,259,226.49
		54,514,259,226.49
		54,514,259,226.49

(3).

(4).

5

--	--	--

		-73,697,098.79
		209,031,867.59
		-
		14,030,449.54
		111,723,285.34
		-5,009,308.00
		4,866,601.60
		-64,342,933.87
		35,810,329.15
		28,522,495.64
		132,270,038.62

2

3

0 2

0 2

0 2

2

		%	
		7.94%	0.3512
		7.46%	0.3297

3

4

2022 12 31



1.  
1.1.

1.2.

1.3.

1.4.

1.5.

2.  
2.1.

2.2.

2.3.

2.4.

2.5.

1.

2.

2023

3.

2023 3 28

2022

Model , DMCMM

2022

10 PMP 55 DAMA 3

10 PMP 97 PMP

33 3,201



5G

Owner

54 45

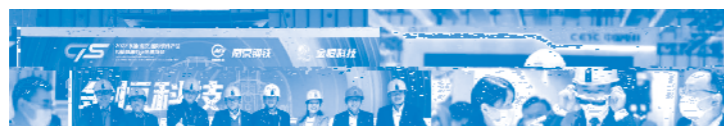
3D



2022

10 2022 / 2022 2022 2022

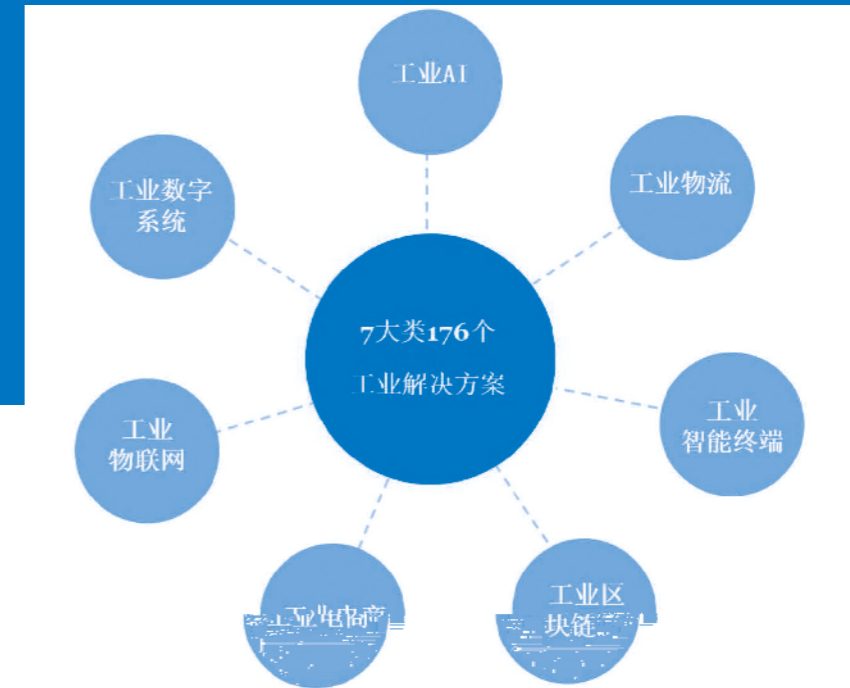
APP 2022 2022



<sup>3</sup> DAMA

DAMA

CDMP



图注：前钢股份数字化解决方案

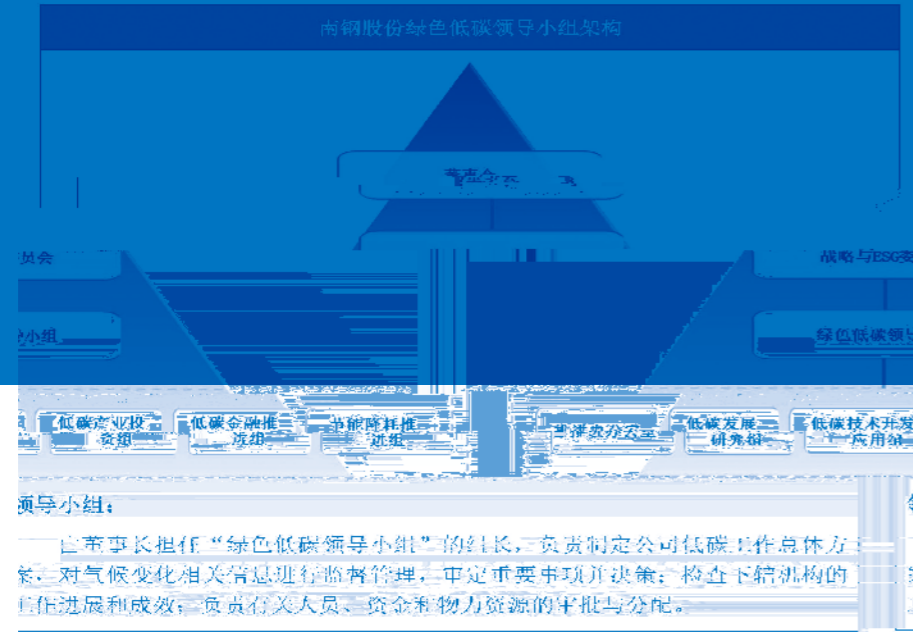


15%<sup>4</sup>

EPD  
2021  
2022

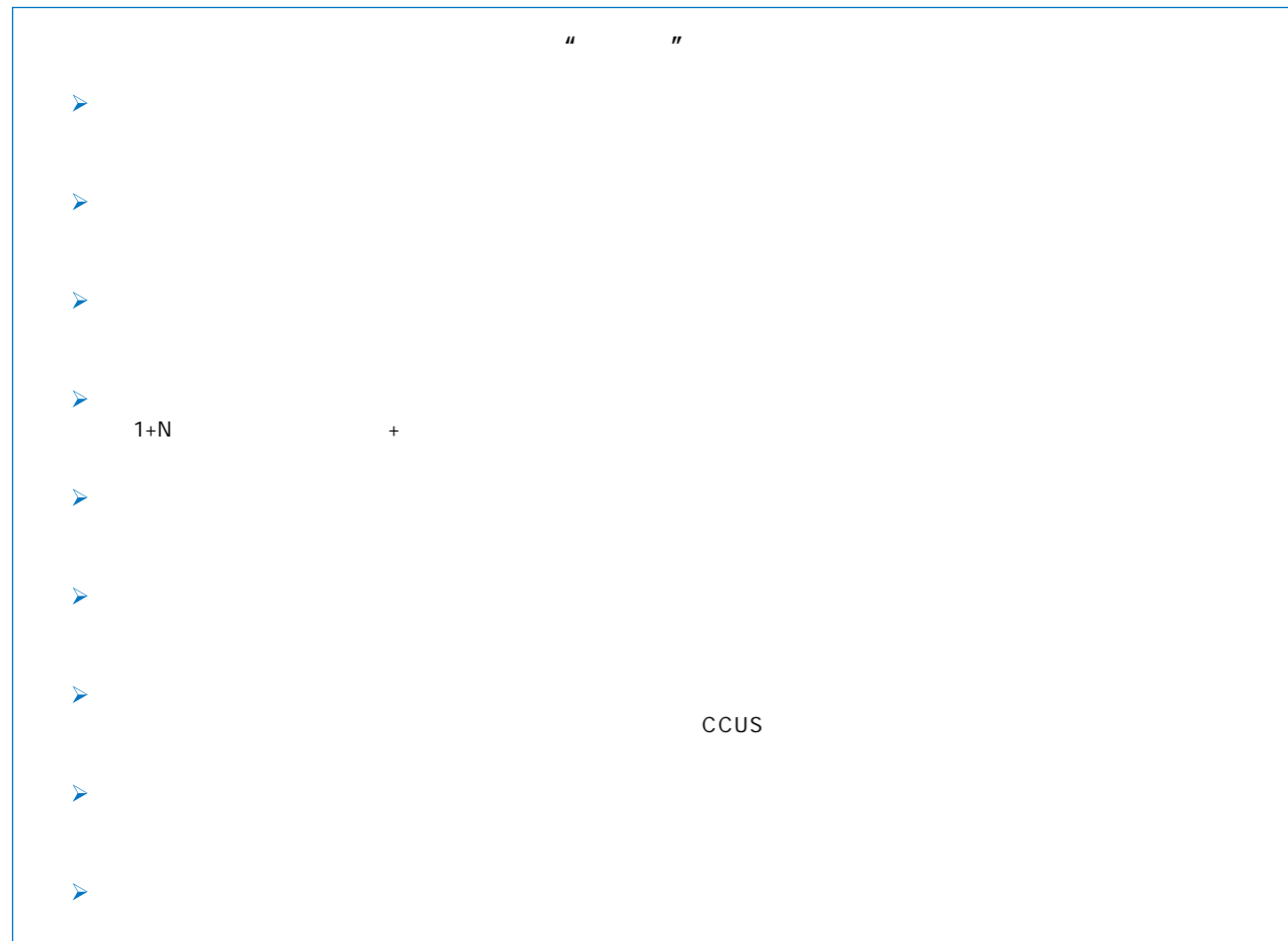
+

<sup>4</sup>



5

CO<sub>2</sub>



5

related Financial Disclosures, TCFD

Task Force on Climate-  
ESG

TCFD

6

5

					1.
					2.
					1.
					2.

2022

		2022			35		2,836		12
	25								
		2022	12	31	40		6		GPS
		C2M							
									LED

6



1.2 2022

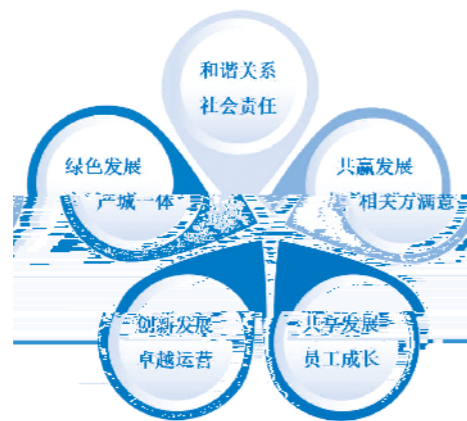
		A	
	2022		
	2021	A	
	2022		
Forbes	2022		TOP50
FTSE Russell			2.2
	ESG		
		ESG	
	13		
	13		
		ESG	
			2022
Wind	ESG	AA	
	2022	Wind ESG A	
	2022	Wind ESG A	
	2022	Wind ESG A	
Roadshow China	6	IR	
	6	IR	ESG
	ESG	A-	

2. ESG

ESG ESG ESG

2.1 ESG

ESG

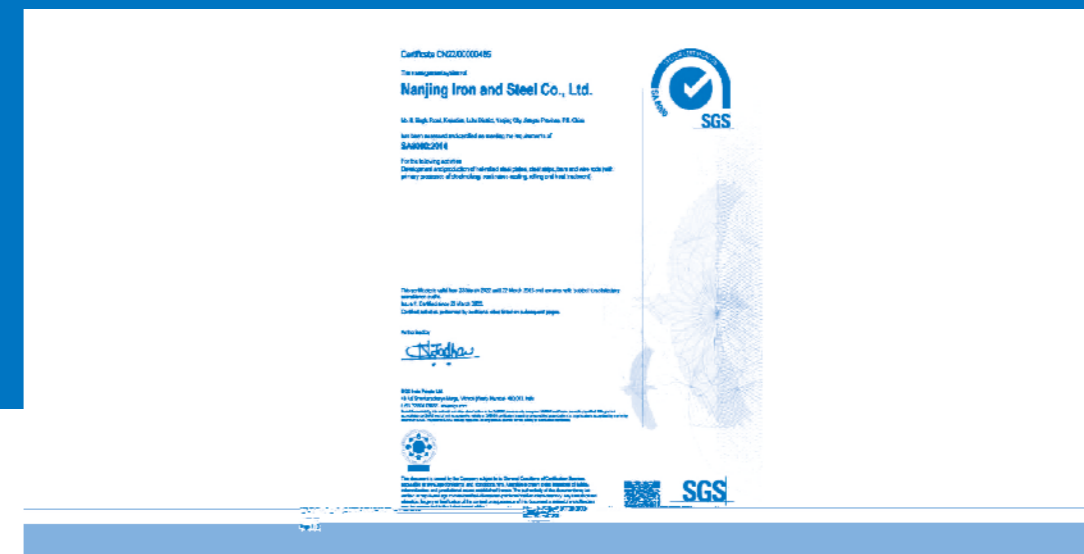


SA8000 Social Accountability 8000 International Standard

SA8000

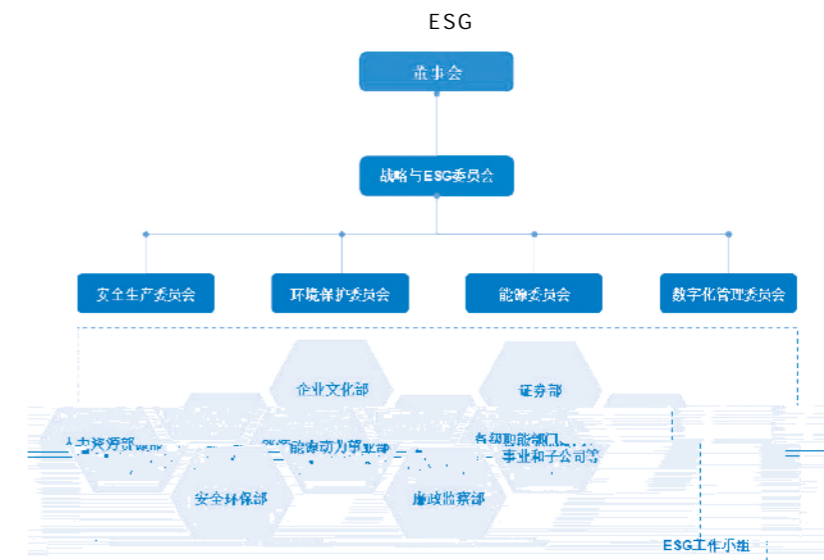
SA8000

2022 3



SA8000

2.2 ESG




2022 12 31  
110  
ESG

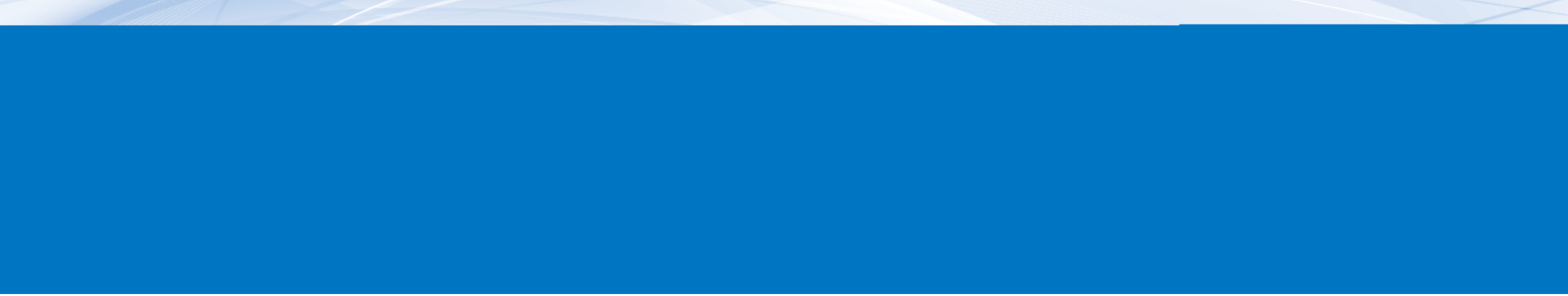
<http://www.sse.com.cn/>

2022  
1.3

A

6

IR





		2022	2022
100%	2.1	2022	2022
	2025		
		2022	2025
SO <sub>2</sub>	kg/t	0.110	0.18
NO <sub>x</sub>	kg/t	0.190	0.50
	kg/t		
COD	kg/t	0.007	0.007
	kg/t	0.0003	0.0001

2.2

2022 65



1.

ISO 14001:2015



2.3

2022

2022

COD

2022

1.6m<sup>3</sup>/t

2022  
26%

2.5m<sup>3</sup>/t 2022

13

2022  
2022

504

5#

162

2.4

45.6%

59

100%



2022

1.5

3.  
3.1

1,138 550 7

2022

4.

50%

	2022	5,800 kWh
	7,000m <sup>3</sup>	
	2#	
kWh	900 kWh 3#180	2,000
	2	
	135m <sup>3</sup> /t 2021	5m <sup>3</sup> /t
	2022	2021
		510kg/t

2022	538kgce	7kgce	1.3%
	24.1kg/t		4.4%
	TRT	2021	41.8kWh/t
			43.3kWh/t
			3.5%

3.2

2022 3 20 4 20

2022 6 13 19

6 15



2022 3 12 44



2%

5%

2022

7

2022

2022

2022



2.

1.

2022

ISO 45001

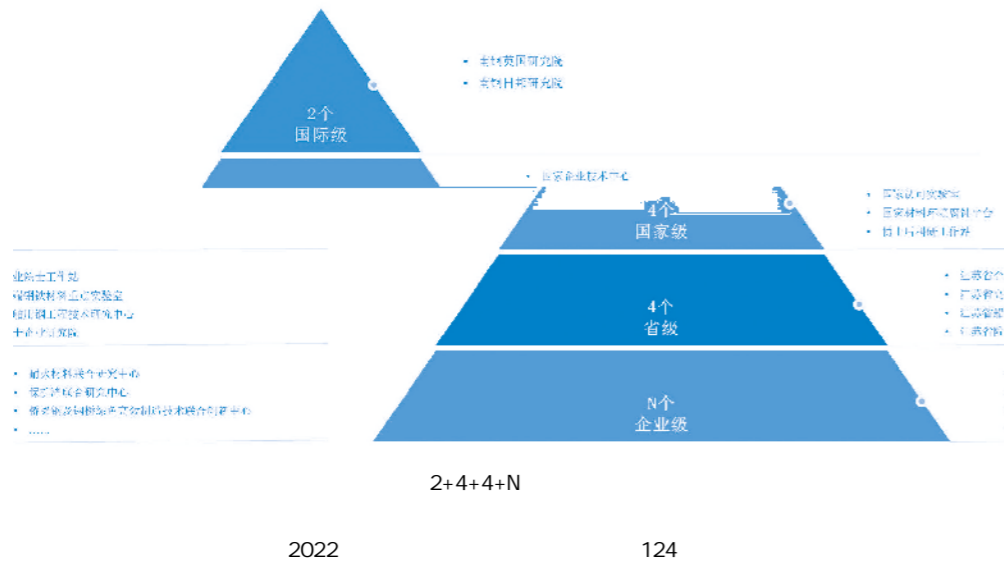


[Redacted text]

[Redacted text]



2022 2+4+4+N



1.2

1,000MPa 1,000MPa 20%	800MPa	690MPa 690MPa
10- 50mm 3		300- 600
	- 40	100- 150kJ/cm

690MPa	420- 690MPa	TMCP <sup>14</sup>	420-460
EEOI	EEDI		
2	6	2022	6

2022	6	2022	2022
2022 5	20	562 PCT <sup>15</sup>	130
2	23	2022 7	5
2.1			

ISO/TS 22163

IATF 16949

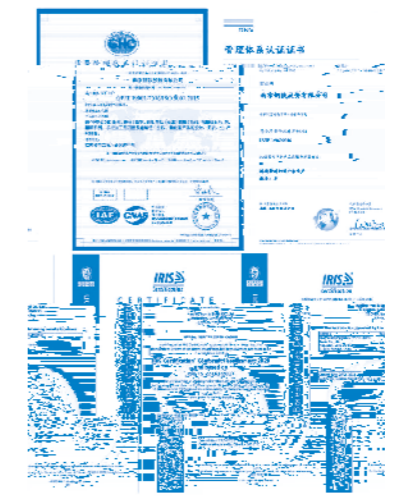
HAF 003

ISO 9001

2022

ISO 9001

CANS



ISO 9001 IATF 16949 ISO/TS 22163

2.2

<sup>14</sup>TMCP  
<sup>15</sup>PTC PCT

TMCP  
Patent Cooperation Treaty

Thermo Mechanical Control Process  
PCT

PCT

2022

2022  
QFD

DOE

KANO  
FMEA

VE

5 Why

300

### 3.

3.1  
2022

12

54

GMS

20

48

2022

94.89

0.47

3.2

2022

+



2022

E  
2022

C 17

E 16

2022

2022 100%

50

2

2.1

Executive level

O Operation level

S Strategic level 4

C Core executive level 2  
6

E

2.2

C

OT+IT+DT

HR/CHO

2022

C 14  
93

E 18  
24

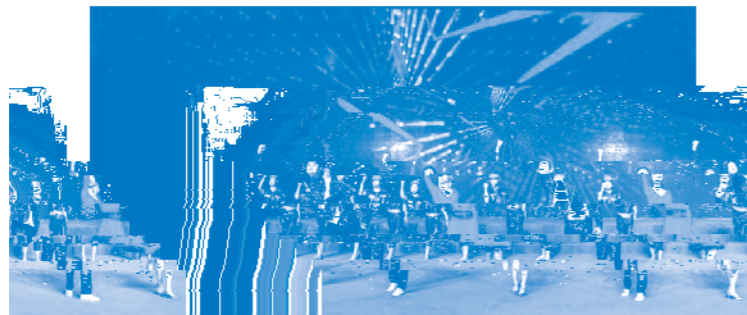
2022 4 10 14 8 6  
 9 2,600 87 700 9 102  
 2022 80



101



2022



500

2022 798,614

1.

99

2022

9 4 9 9

10

2022 12 31  
 2,645

233,401

4,134

15

346,823

13,330

1,474

100,092

410,200

4,442



2022 4 13  
122

141



2022 11

500



S 2B2C<sup>18</sup>

2022



## ESG

		2020	2021	2022
		5,312,286.41	7,567,409.21	7,066,692.38
		1,020.51	1,040.32	984.43
		387,900.48	497,819.98	263,265.94
		212,500.30	227,828.57	244,657.75
	%	4.00	3.01	3.46
		183,909.82	253,872.66	186,586.91
<sup>19</sup>	/	464.69	630.35	491.60
<sup>20</sup>	/	1.17	1.57	1.53

		2020	2021	2022
<sup>21</sup>		6,390,377	6,312,741	5,920,137
		5,566,989	5,441,374	4,804,982
		3,538,456	3,553,887	3,331,174
		7,039,314	11,013,977	10,314,437
		692,900	677,028	739,861
		4,662,845	4,732,659	4,620,310
	/	1.03	0.72	0.68
	/	0.55	0.52	0.49
	/	1.33	1.46	1.46
	/	0.69	1.06	1.05
	/	551.7	545.0	538

<sup>19</sup> = = /  
<sup>20</sup> = = /  
<sup>21</sup> = = /

2.



2022

1.2

<sup>18</sup> S 2B2C S 2B2C

S B C



GRI 1 [ ] [2022 1 1 2022 12 31 ] GRI  
 GRI 1: 2021

GRI			
GRI 2			
	2-1		2
	2-2		2
	2-3		2
	2-4	--	
	2-5	--	
	2-6		21-22
	2-7		69
	2-8		63-64
	2-9		30
	2-10		30
	2-11		30
	2-12		30
	2-13		30
	2-14	ESG	25-26
	2-15		37
	2-16		26-27
	2-17	ESG	24
	2-18	ESG	26
	2-19		70
	2-20		70
	2-21	--	
	2-22	ESG	24
	2-23		69
	2-24		69
	2-25		73
	2-26		73
	2-27	ESG	82-86
	2-28		64-66
	2-29		26-27
	2-30		69
GRI 3			
	3-1	ESG	27
	3-2	ESG	28
	3-3	ESG	27
GRI 201	201-1	ESG	82
	201-2		15-17
	201-3		70
	201-4	--	

GRI			
GRI 202	202-1		--
	202-2		--
	203-1		77
GRI 203	203-1		
	203-2		--
GRI 204	204-1		--
	205-1		37
GRI 205	205-2		38
	205-3		39
		ESG	86
GRI 206	206-1	--	
GRI 207:	207-1		
	207-2		34
	207-3	--	
GRI 301	207-4	--	
	301-1	--	
	301-2	--	
GRI 302	301-3	--	
	302-1	ESG	82
	302-2	--	
	302-3	ESG	82
	302-4		45
GRI 303	302-5		45-46
	303-1	--	
	303-2		46
	303-3	ESG	83
	303-4	ESG	83
GRI 304	303-5	ESG	83
	304-1	--	
	304-2	--	
	304-3	--	
GRI 305	304-4	IUCN	--
	305-1	1	ESG
	305-2	2	ESG
	305-3	3	--
	305-4		ESG
	305-5		--
	305-6	ODS	--
305-7	NOX SOX	ESG	
GRI 306			83
	306-1		44
	306-2		44
	306-3		44
	306-4		44
	306-5		44

GRI			
GRI 308	308-1		63-64
	308-2		63-64
	401-1	ESG	84-85
GRI 401	401-2		70-71
	401-3		69
		ESG	85
GRI 402	402-1	--	
	403-1		50
	403-2		52
GRI 403			55
	403-3		55
	403-4		50
	403-5		55
	403-6		55
	403-7		55
	403-8	--	
	403-9	ESG	85
	403-10		55
	GRI 404	404-1	ESG
404-2			71-73
404-3		ESG	85
GRI 405	405-1		30 69
	405-2	--	
GRI 406	406-1	ESG	69 85
GRI 407	407-1	--	
GRI 408	408-1	--	
GRI 409	409-1	--	
GRI 410	410-1	ESG	85
GRI 411	411-1	--	
GRI 413	413-1	--	
	413-2	--	
GRI 414	414-1		63-64
	414-2		63-64
GRI 415	415-1	--	
GRI 416	416-1	--	
	416-2	ESG	86
GRI 417	417-1	--	
	417-2	ESG	86
	417-3	ESG	86
GRI 418	418-1	ESG	86

210035  
025- 57072073  
025- 57072064  
nggf@ 600282.net

- 1.
- 2.
- 3.
- 4.
- 5.

ESG

ESG

