



# 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

### 财务摘要

营业收入	706.67 亿元	归母净利润	21.61 亿元
经营活动产生现金流量净额	37.53 亿元	总资产	746.75 亿元
净利润	23.24 亿元	EPS	0.35 元/股
ROE	7.94%	资产负债率	58.83%

### 生产经营

**钢材销量**  
2022: 975.01 万吨

**高附加值产品增量增益**  
先进钢铁材料

销量 (万吨)	206.58	占比 (%)	21.19
2021	181.11	2021	17.41
增幅	+14.06%	增幅	+3.78 百分点

**综合平均销售价格**  
2022: 6,524.69 元/吨 (+10.49% vs 2021)

**毛利总额**  
2022: 21.41 亿元 (+14.06% vs 2021)

### 出口与增长

**公司出口大幅增加**  
2022: 98 万吨 (+18% vs 2021)

**增幅优于行业**  
我国: 0.9%  
南钢: 29%

### 产品竞争力

**重点产品分类**

房地产	4.03%	机械加工	5.81%	新能源与汽油装备	14.86%
基础设施	16.69%	船舶与海工	16.29%	汽车轴承弹簧	15.25%
桥梁高层建筑	11.83%	工程机械与轨交	15.24%		

2022年，公司研发投入24.47亿元，占全年营业收入3.46%，科创驱动高质量发展。

2017-2022研发投入趋势图

### 0到1的突破

公司研发新产品30项，其中29项当年实现产业化，产业化率近100%。

**产品迭代 巩固领先地位**

- 超低温用镍系钢连续多年国内市场占有率第一，获国家制造业单项冠军产品
- 沙特阿美
- 国内率先开发1000MPa级水电钢N980CF，率先完成钢钎
- 100mm厚止裂钢国内首家获得认证
- 开发出船板并条产品，替代进口并批量供货
- 汽车传动轴用钢的行业排名居前，市场占有率持续提升，销量同比增长45%
- 高强度弹簧钢国内细分市场市占率领先
- 开发高耐候、高抗延迟断裂、高韧性桥梁用10.9级和12.9级耐蚀螺栓钢及高强焊丝钢，为新一代绿色、大跨度及轻量化钢结构耐候桥梁提供材料基础

### 可持续发展

公示“有组织 清洁运输 超低排放”

一批重点环保项目建成投用，为无组织超低排放评估创造前提条件。

**绿色环保**  
主要污染物排放量约为：  
二氧化碳: 1,214.24吨  
氮氧化物: 2,089.72吨  
颗粒物(含无组织颗粒物): 6,614.09吨

**节能减排**  
开展节水、节电、节约燃气消耗，提升余热蒸汽回收，提高废气回收水平，降低高炉燃料消耗“六大节能专项攻关”  
吨钢综合能耗，历史最优: 538kgce 降低1.3%  
吨钢耗新水，历史最优: 1.6m³/t 降低26%

### 回报股东

2022年  
拟派现金红利15.41亿元(含税)  
占归母净利润的71.31%  
每股现金分红0.25元(含税)

### 市场认可

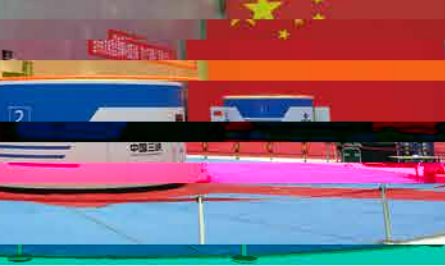
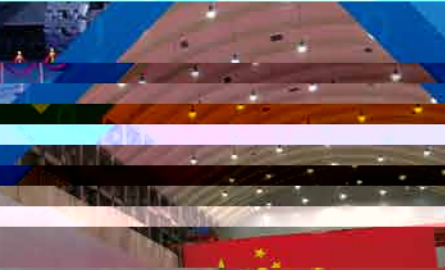
- worldsteel 全球50大钢铁企业第41位
- 连续5年荣获钢铁企业竞争力(暨发展质量)极强A+
- 世界钢铁企业技术竞争力排名序列第10位、中国第5位
- 第七届中国工业大奖(工业领域最高奖项)
- 国家企业技术中心
- 富时罗素全球股票指数系列
- 上海证券交易所 信息披露评级A
- 2022年度上市公司董办最佳实践 监事会积极进展奖
- 第十三届天马奖最佳董事会奖 最佳新媒体运营
- 第六届中国卓越IR最佳信披奖

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



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

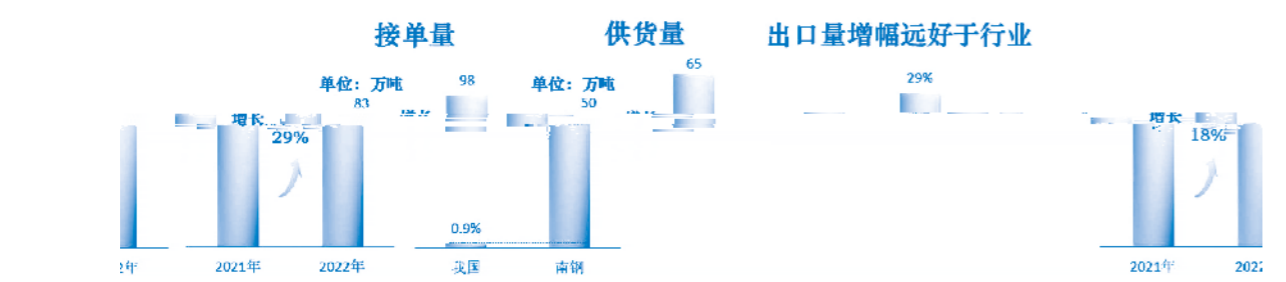
	210035



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 7.69%

48.59% 6.58% 58.83% 7.94% 21.11% 5,599.68

0.87% CSPI 13.55% 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

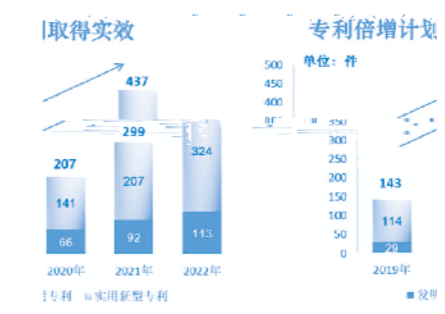
2 6 1

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



5 / 20  
 9%Ni LNG 5%Ni 5500m LPG/NH3/CM LNG LNG  
 Q690SD/SE Q490SD 1000MPa N980CF SA516Gr70  
 S355ML S355NL 80-100mm S460M  
 100mm 100mm 100mm API 2H-50  
 PCTC  
 250 CRCC 45%  
 Q460NE S355J2W 160km Q1100E 2,600  
 3.22 162%  
 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

+

30

7,523,677,929,029,181,581,663,495,720,437,221,303 109

			%	%	%	%
	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#

6

HRB600

1000MPa


y

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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1.

		%		%	%
	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%

										%		%	
/	/	/	2,067,813.04	1,811,813.66	2,067,813.04	1,811,136.60	1,346,790.99	1,069,519.94	15.77	17.55	/	/	

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	905,809.04	1,033,798.31	89,642.79	143,455.84	
	1,070,660.55	1,841,688.71	87,433.72		








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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								
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	1964	6								
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										601688.SH
	SH								600710.SH	601928.
	1966	8								
	1968	10								
										002024.SZ
									002482.SZ	300209.SZ
										601688.SH

	1976	4								
	1965	3								
	1969	6								
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2022- 03- 22	2021	<2022	>	/	/
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2022- 03- 22	ESG	2021	2022	/	/
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	4,582
	9,793
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2018	2022 1 7	2018
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2022	660,500	6,162,294,011	2022 7 2	2022														
6,162,954,511			2022-063															
2022 9 19	2019	64	2022 9 21	2019	¥ 0	0	2	2	1	6	2	0						
9,820,000		A																
												126,000	0	126,000	126,000	2.72	0	3.15
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2,089.72                      6,614.09                      74.45                      2.78                      1,214.24

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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-							
		40									
	27	GB28662- 2012		4,118.4273	9,314.063						
		20									
		16	30			2012	GB16171- 2012				
50											
80											
172	/	/	/	/	6,614.0981	14,262.832					

				/ /		2022 1-12											
COD	21	21	150	2012	GB28665-	133.1352	508.75										
											11	6	50				
	50																
	7	7	100	2012													
											2	4	180	GB28662- 2012			
	16	10	100	GB16171- 2012											724.7671	2,325.50932	
			50														
	55	/	/	/							/	1,214.2485	4,304.391				
	21	21	300	2012							GB28665-	406.3936	787.75				
		150															
		7	7	300							2012						
11					2	4	300	GB28662- 2012									
		5	150	GB16171- 2012					1,220.0975	4,331.9417							
150																	
50	/	/	/	/	2,089.7295	7,177.452											
2	2	50	2012	GB13456	74.4579	311.61	/	/									
2	/	/	/	/	74.4579	311.61											
2	2	5	2012	GB13456	2.84	10.23	/	/									
2	/	/	/	/	2.84	10.23											

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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	/
								GB37822- 2019	/

						2022	1-12			
						125.8 mg/L	13.2118	42	GB8978-1996	/
NH3-N	DW001	1				0.385 mg/L	0.0387	2.94	DB33/887-2013	/
N						13.46 mg/L	1.3558	5.88	GB 31572-2015 GB/T 31962-2015	/

						2022	1-12			
						3.43 mg/L	0.0080	5.841	GB 31571-2015	/
DW001		1				73.1 mg/L	0.2931	46.734	GB31573-2015	/
						9.46 mg/L	0.0287	8.179	GB8978-1996	/
										3

						2022	1-12			
						16.396mg/m	0.0232			/
						0.861mg/m	0.0035			/
						5.461mg/m	0.4768	1.56	DB32/3151-2016	/
						0.8642mg/m	0.0288			/
						6.9983mg/m	0.0451			/
	/		5	/		/	0.5774	1.56	/	/
						7mg/m	0.1663	0.411		/
						0.183mg/m	0.0035	0.083	GB13271-2014	/
						5.25mg/m	0.0865	1.828		/
						88.27mg/L	2.922	22.61	GB8978-1996	/
						7.46mg/L	0.209	3.396		/
						13.085mg/L	0.4440	3.864		/

						2022	1-12			
						9.96mg/m3	0.0624		DB37/2376-2019 DB37/2801.6-2018	/
	DA003 P2	1								/
	DA004 P6	1				9.86mg/m3	0.0374	0.9833	DB37/3161-2018	/
	DA009 P7	1				9.55mg/m3	0.0310		GB31573-2015, GB 16297-1996 GB37823 2019 GB 14554-93	/
	/		3	/		/	0.1308	0.9833	/	/

						2022	1-12			
					/					
						50			GB18918-2002	/
						5 8 0.5 15			A DB37/3416.1-2018	120.6087 1.4493 0.4518 :44.3981
						50			GB18918-2002	365
						5 8 15 0.5			A	1.825 182.5 547.5 18.25
						50			GB18918-2002	643.31
						5 15 0.5				1,825 182.5 547.5 91.25
						50			GB18918-2002	1,434.06
						15 5 0.5			A	9,125 912.5 2,737.5 91.25
						50			GB18918-2002	106.897
						15 5 0.5			A	125.6 10.048
						5 0.5 15 50			GB18918-2002	182.50 18.25 547.50 1,825
						1.5 0.3 15 30			DB11/307-2013) 1-B GB18918-20202	1.04 0.67 50.20 96.35
						50			DB 61/224- 2018 1 B	11.25 2.25 112.50 225
						5 0.5 15				23.4574 164.25 16.425 1.643 49.275



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2023	3	1	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

4							%
					146,633.79		0.00
					22,998,154.96		0.03

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1.37% 3.81%

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3.0					2021-105		
2022 3 30					2022-004	2022-038	
2021							
	2,175,058,671		199,497,394				
	53.5674%		95%	2,066,305,737			

							2022 7 21 2022
							8 16 2022 9 16 2022
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		100					
	27,000		2,532.20				2022-066
							2022-073
	34,600						2022-085 2022-104
	SXK728						

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			1.15%~2.593%	16,772,712.84	419,854,847.72	436,627,560.56	0
				/	16,772,712.84	419,854,847.72	436,627,560.56
			640			63,279,793.34	
		5%					0
	0			144,980.57		144,980.50	0.07

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		3,000,000,000	3.0%~4.25%	20,000,000	30,000,000	50,000,000	0
		/	/	20,000,000	30,000,000	50,000,000	0
					50,000,000		
	0		0				

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			3,000,000,000	149,995,000
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			10,000,000.00	2021-02-24	2021-04-30	2022-04-29	/		/							
			10,000,000.00	2021-02-24	2021-06-15	2022-06-14	/		/							
			9,500,000.00	2021-05-21	2021-06-10	2022-06-09	/		/							
			15,000,000.00	2021-07-14	2021-08-30	2022-08-22	/		/							
			10,000,000.00	2021-12-15	2021-12-17	2022-12-16	/		/							
			2,127,700.00	2021-12-30	2022-01-25	2022-07-25	/		/							

			1,837,900.00	2021-12-30	2022-02-23	2022-08-23	/		/							
			3,635,300.00	2021-12-30	2022-03-30	2022-09-30	/		/							
			10,000,000.00	2022-03-23	2022-04-25	2023-04-24	/		/							
			10,000,000.00	2022-04-28	2022-04-28	2023-04-27	/		/							
			6,773,000.00	2021-12-30	2022-04-25	2022-10-24	/		/							
			2,750,000.00	2021-12-30	2022-05-27	2022-11-26	/		/							
			2,670,300.00	2021-12-30	2022-04-14	2023-04-13	/		/							
			9,500,000.00	2022-06-16	2022-06-16	2023-06-15	/		/							
			10,000,000.00	2022-06-28	2022-06-30	2023-06-29	/		/							
			10,000,000.00	2022-06-16	2022-06-16	2023-06-15	/		/							
			2,590,000.00	2021-12-30	2022-07-04	2023-01-03	/		/							
			3,789,800.00	2021-12-30	2022-07-27	2023-01-27	/		/							
			30,000,000.00	2022-07-28	2022-07-28	2023-07-27	/		/							
			15,000,000.00	2022-08-24	2022-08-24	2023-08-23	/		/							
			3,550,000.00	2021-12-30	2022-08-29	2023-02-28	/		/							
			10,000,000.00	2022-12-29	2022-12-30	2023-12-29	/		/							
			70,000,000.00	2020-05-28	2020-05-28	2040-05-25	/		/	/						
			70,000,000.00	2022-08-02	2022-08-02	2039-12-10	/		/	/						
												328,724,000.00				
A												257,100,100.00				
												11,197,255,898.61				
B												5,832,938,342.28				
A+B												6,090,038,442.28				
(%)												19.81				
C												/				
70%												D		4,994,533,614.00		

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4,407,000	2018	3.02 / A	3,378,000	2.72 /	7,785,000
			7,785,000		6,158,916,011
6,166,701,011					1

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			%			
	+14,539,819	3,522,419,593	57.12	1,698,163,773		0

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

1	1,698,163,773	2023 7 8	/	36
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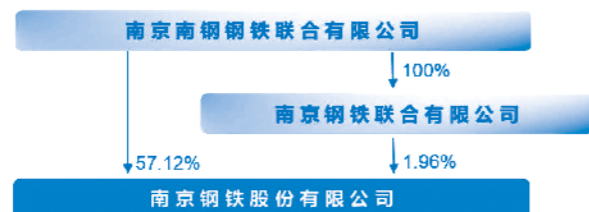
	2009 5 20
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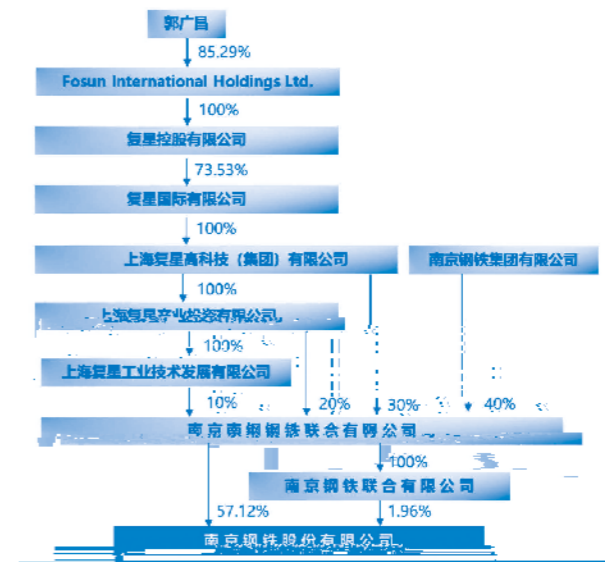
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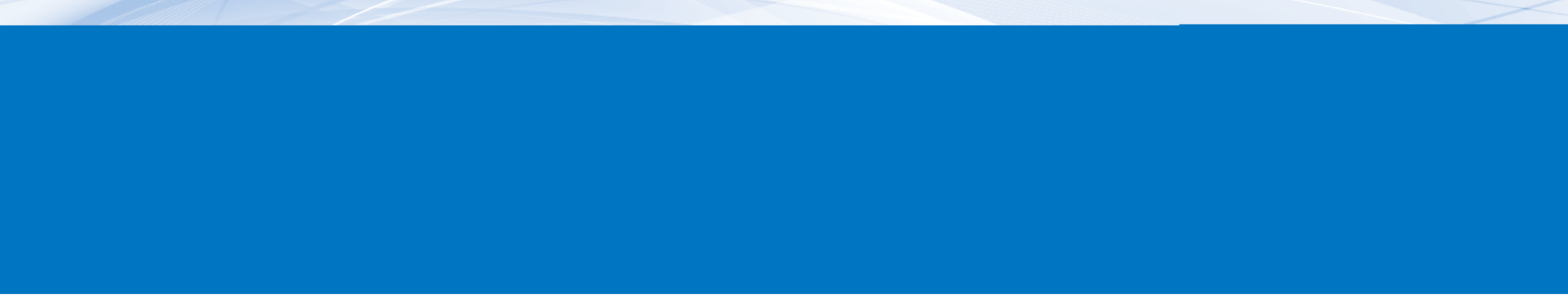
2	1967	1989	1999
		Fosun International Holdings Ltd.	
		00656.HK	
1		00656.HK	
2			600196.SH
3			02196.HK
4			600282.SH
5			300226.SZ
6	Roc Oil Company Limited	2015 1	
7	Luz Saú de, S.A.	LUZ.PL	2018 11 28
8	Club Med SAS	Club Méditerrané e SA	2015 3
9		01696.HK	
10	The NAGA Group SA	Scale	N4G
11	Paris 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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	25	/		010- 88007083
	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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2022 12 31

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

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2022

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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



2023 3 28





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		2022	2021
	4	54,514,259,226.49	58,282,761,393.30
	4	51,295,053,416.13	54,007,727,637.04
		99,845,545.70	99,729,840.39
		229,296,299.68	239,565,830.59
		496,817,495.57	459,565,440.45
		1,847,444,704.33	1,846,115,148.07
		123,856,923.10	66,396,686.45
		239,712,725.10	166,208,964.64
		138,033,013.53	109,061,879.55
		36,616,811.00	49,337,086.82
	5	1,922,146,121.36	257,048,833.22
		26,633,731.37	81,956,661.17
		-	
		- 7,268,243.39	205,422,806.85
		6,160,817.89	- 13,596,017.96
		- 147,189,442.97	- 191,532,326.56
		-	-
		2,232,410,905.87	1,870,341,192.68
		11,278,142.99	9,596,234.07
		91,396,194.23	37,378,803.66
		2,152,292,854.63	1,842,558,623.09
		- 92,962,148.24	211,282,992.47
		2,245,255,002.87	1,631,275,630.62
		2,245,255,002.87	1,631,275,630.62
		- 61,744,532.72	34,037,787.57
		- 119,335,730.22	96,879,053.97
	1.		
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	3.	- 119,335,730.22	96,879,053.97
	4.		
		57,591,197.50	- 62,841,266.40
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	5.	57,591,197.50	- 62,841,266.40
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		2,183,510,470.15	1,665,313,418.19
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		2022							
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		6,158,916,011.00	6,393,457,795.75	39,023,616.98	216,115,347.27	-	1,399,718,149.23	2,264,389,075.92	16,393,572,762.19
		6,158,916,011.00	6,393,457,795.75	39,023,616.98	216,115,347.27	-	1,399,718,149.23	2,264,389,075.92	16,393,572,762.19
		7,785,000.00	- 589,687,022.44	- 33,486,200.00	- 61,744,532.72	-	224,525,500.29	175,470,299.29	- 210,164,555.58
		7,785,000.00	- 589,687,022.44	- 33,486,200.00	- 61,744,532.72	-		2,245,255,002.87	2,183,510,470.15
1			- 589,687,022.44	- 33,486,200.00	-	-			- 548,415,822.44
2			8,861,338.85	- 33,486,200.00					501,32,538.85
3			- 155,745.13						- 155,745.13
4			- 598,392,616.16						- 598,392,616.16
1			-	-	-	-	224,525,500.29	- 2,069,784,703.58	- 1,845,259,203.29
2			-	-	-	-	224,525,500.29	- 224,525,500.29	-
3			-	-	-	-		- 1,845,259,203.29	- 1,845,259,203.29
1									
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1							42,320,569.20		42,320,569.20
2							- 42,320,569.20		- 42,320,569.20
		6,166,701,011.00	5,803,770,773.31	5,537,416.98	154,370,814.55	-	1,624,243,649.52	2,439,859,375.21	16,183,408,206.61

		2021							
		( )							
		6,146,206,011.00	6,371,211,250.75	74,999,116.98	182,077,559.70		1,236,590,586.17	2,329,415,436.11	16,190,501,726.75
		6,146,206,011.00	6,371,211,250.75	74,999,116.98	182,077,559.70	-	1,236,590,586.17	2,329,415,436.11	16,190,501,726.75
		12,710,000.00	- 22,246,545.00	- 35,975,500.00	34,037,787.57	-	163,127,563.06	- 65,026,360.19	203,071,035.44
		12,710,000.00	- 22,246,545.00	- 35,975,500.00	34,037,787.57	-		1,631,275,630.62	1,665,313,418.19
1			22,246,545.00	- 35,975,500.00	-	-			70,932,045.00
2			21,439,545.00	- 35,975,500.00					70,125,045.00
3			807,000.00						807,000.00
4			-	-	-	-			-
1			-	-	-	-	163,127,563.06	- 1,696,301,990.81	- 1,533,174,427.75
2			-	-	-	-	163,127,563.06	- 163,127,563.06	-
3			-	-	-	-		- 1,533,174,427.75	- 1,533,174,427.75
1									
2									
3									
4									
5									
6									
1									40,791,055.74
2									- 40,791,055.74
		6,158,916,011.00	6,393,457,795.75	39,023,616.98	216,115,347.27	-	1,399,718,149.23	2,264,389,075.92	16,393,572,762.19

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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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						25%
						13% 9% 6% 3%
	/	2020	9	1		2.5%
						4%
						7% 5%
						5%
						8.4
						8.4 5
		15		1,000		
		25		350	1-3	700
		4-6	1400	7-9	2,800	10-12
		5,600	13-15	11,200	16	

		%
		16.5
		33
		-
		17
	PT NISCO JINTENG STEEL	28
	Jin Tou Capital Limited	-
	PT Kinrui New Energy Technologies Indonesia	22
	PT Kinxiang New Energy Technologies Indonesia	22
	PT INDONESIA JINTENG RESOURCES	22
	PT.KINTENG NEW ENERGY RESOURCES INDONESIA	22
		16.5
		16.5
		24
		24
		16.5
		16.5
		16.5
	WANSHENG MATERIAL SCIENCE USA CO.,LTD	21
	WANSHENG EUROPE B.V.	25.8
	WANSHENG EUROPE UK LIMITED	19

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2021 40 , 100% [2011]4 3%

2011 100

2015 6 12 [2015]78 < >

2015 7 1 70%

70%

2021 40

[2016]36

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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

8

	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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	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

45  
(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%

46  
(1).

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

(2).

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	

(3).

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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		

(1).

	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

(3).

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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

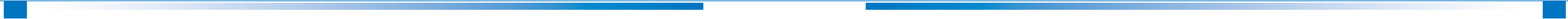
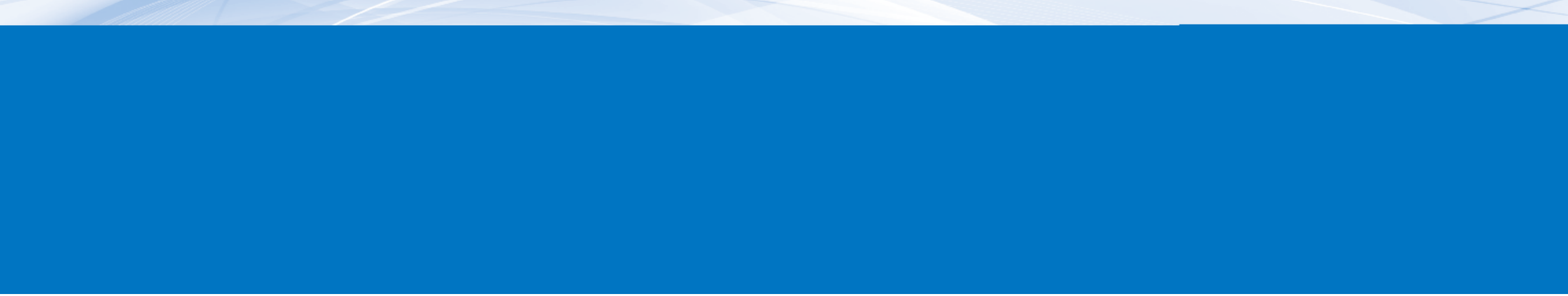
68

	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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1		
	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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4

		%				%					
	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

(2).

	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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2022 12 31

5%

		7,286.00	5,217.64

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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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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2 711,22 0,70 08,655 1,164 2  
 7,7 6 9 6,7 6,492,05 05,8 5  
 ,423 77 1,059,552,2 588,3 8  
 7174  
 4 9249,07 45,74

10,000,000.00	2022- 06- 16	2023- 06- 15
10,000,000.00	2022- 04- 28	2023- 04- 27
10,000,000.00	2022- 06- 30	2023- 06- 29
10,000,000.00	2022- 04- 25	2023- 04- 24
10,000,000.00	2022- 12- 30	2023- 12- 29
9,500,000.00	2022- 06- 16	2023- 06- 15
30,000,000.00	2022- 07- 28	2023- 07- 27
15,000,000.00	2022- 08- 24	2023- 08- 23
12,600,100.00	2022- 04- 20	2023- 04- 20
70,000,000.00	2022- 08- 2	2039- 12- 10
70,000,000.00	2020- 05- 28	2040- 05- 25

770,000.00  
 1,495,486.24  
 1,495,486.24


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2022 8 1 2022 8 17

2022

	199,497,394	2,175,058,671	53.5674%	
95%	2,066,305,737		7	108,752,934
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	-	Black-Scholes

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13,509,930.44

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5,224,524.26

63,919,368.88

62,401,411.72

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10,450.00

160.10

			14,387,483.62
			13,000,000.00
			13,743,479.71
			1,399,540,200.21
			510,000,000.00
			19,460,798.83
			18,871,969.54
			6,289,281.17
			30,000,000.00
			10,000,000.00
			160,000,000.00
			519,300,000.00
			300,000,000.00
			80,000,000.00
			10,000,000.00
			10,000,000.00
			30,000,000.00
			30,000,000.00
PT Kinrui New Energy Technologies Indonesia			29,000,000.00

209,754,782.44

4,972,000.00

4,972,000.00

120,000,000.00

7,223,201.22

85,486,620.41

6,991,600.00

10,095,967.00

120,692,292.26

19,993,688.50

17,763,153.66

122,095,834.43

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	2022 12 31	6,166,701,011
		1,610,000
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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

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		%		%		%		%		
	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

0

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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

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	12			
2022 1 1	8,063,505.37			8,063,505.37
2022 1 1				
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	13,773,863.55	- 6,386,245.54			7,387,618.01
	13,773,863.55	- 6,386,245.54			7,387,618.01

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

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	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

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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

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	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

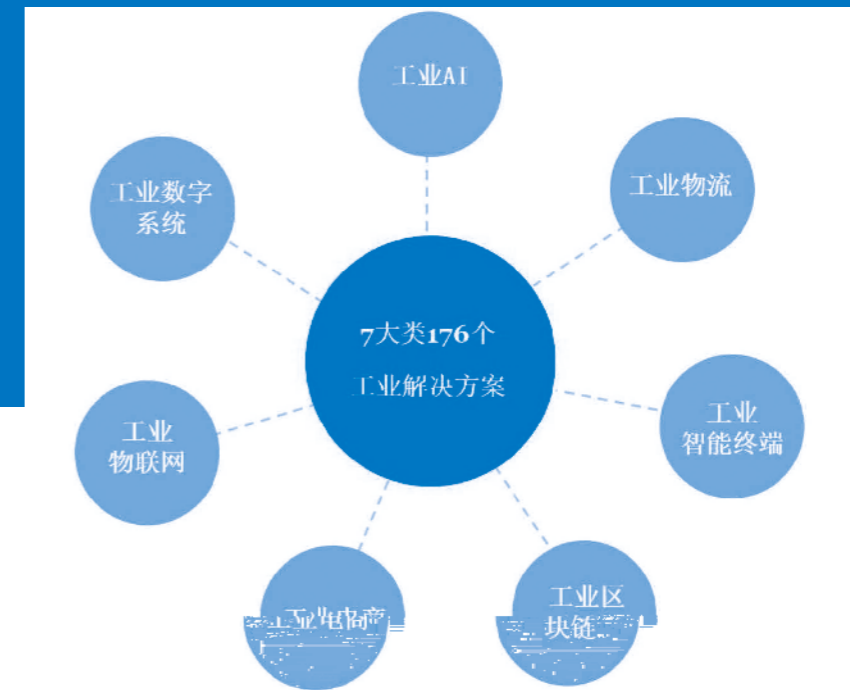
APP 2022 2022



<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		
		C2M						
								GPS
								LED

6

CO<sub>2</sub> 2022 CO<sub>2</sub> CO<sub>2</sub> CO<sub>2</sub> CO<sub>2</sub> CO<sub>2</sub> 5 /  
2022 CO<sub>2</sub> CCUS CCUS CO<sub>2</sub> CCUS CO<sub>2</sub> CCUS

2022

2022

LCA EPD LCA PCR202202 LCA EPD 2022

1.2 2022

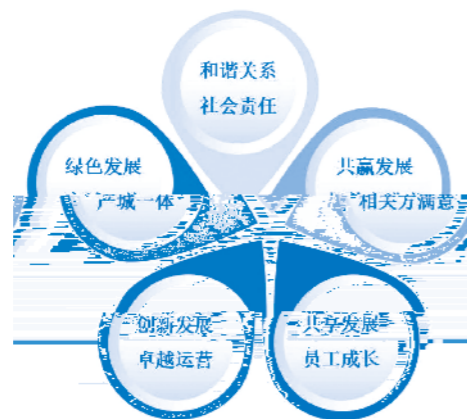
		A	
	2022		
	2021	A	
	2022		
Forbes	2022		TOP50
FTSE Russell			2.2
	ESG		
		ESG	
	13		
	13		
	ESG		
			2022
Wind	ESG	AA	
	2022	Wind ESG A	
	2022	Wind ESG A	
	2022	Wind ESG A	
Roadshow China	6	IR	
	6	IR	ESG
	ESG	A-	

2. ESG

ESG ESG ESG

2.1 ESG

ESG

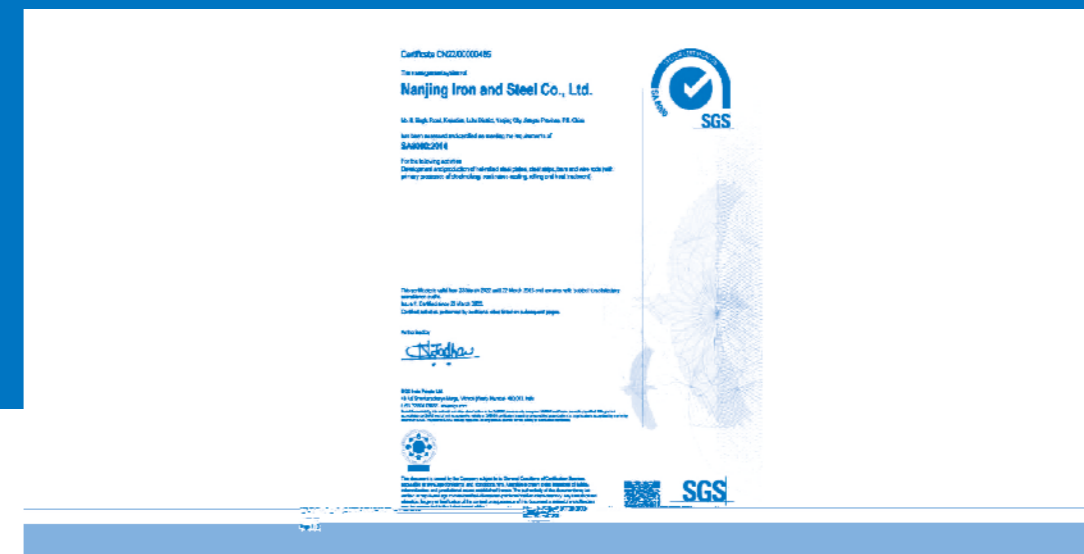


SA8000 Social Accountability 8000 International Standard

SA8000

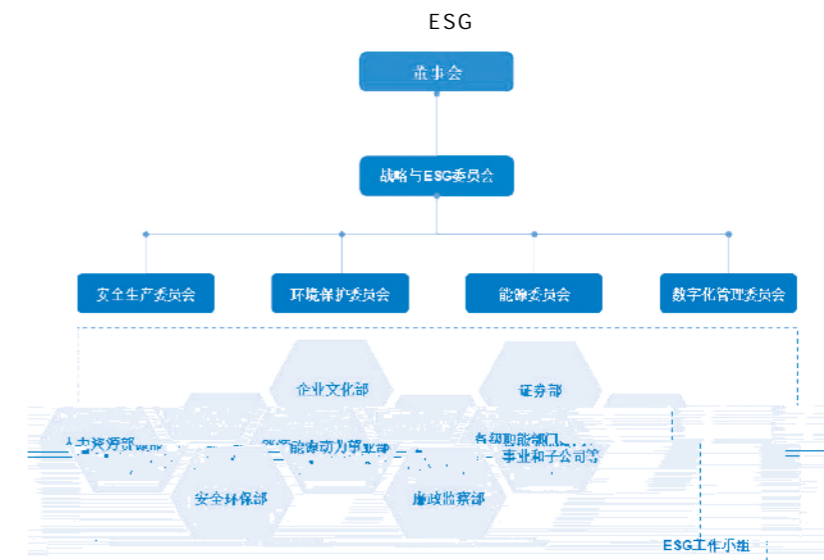
SA8000

2022 3



SA8000

2.2 ESG




2022 12 31  
110  
ESG

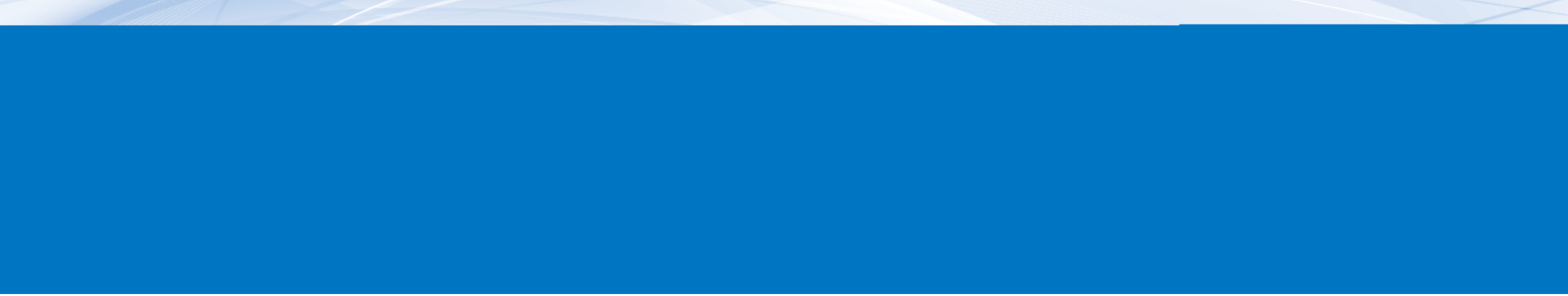
<http://www.sse.com.cn/>

2022  
1.3

A

6

IR

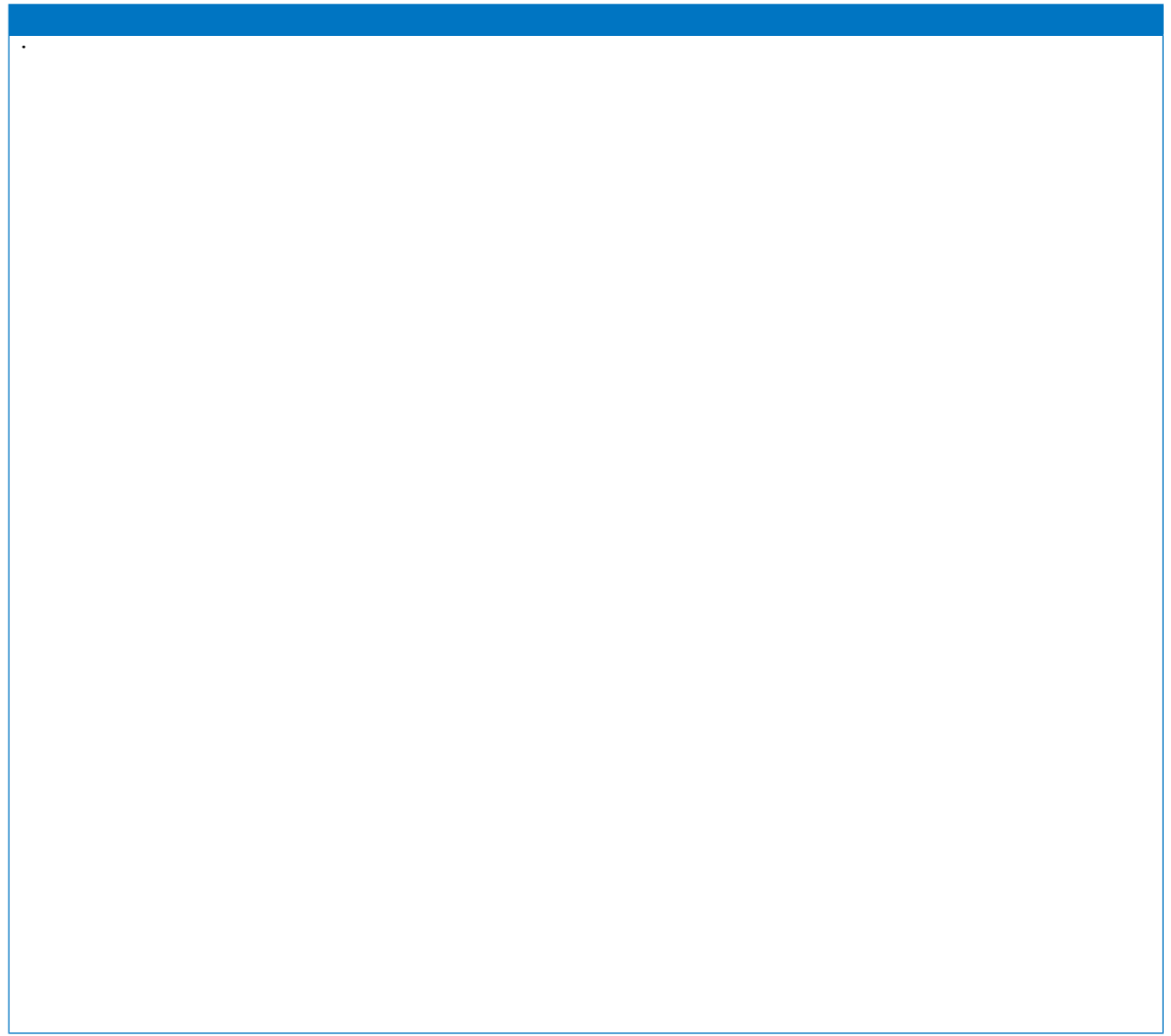




		2022	2022
100%		2022	2022
2.1		2022	2022
2025		2022	2025
SO <sub>2</sub>	kg/t	0.110	0.18
NO <sub>x</sub>	kg/t	0.190	0.50
COD	kg/t	0.007	0.007
	kg/t	0.0003	0.0001

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 3 20 4 20

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

3.2

2022 6 13 19 6 15



2022 3 12 44



2%

5%

2022

7

2022

2022

2022



2.

1.

2022

ISO 45001

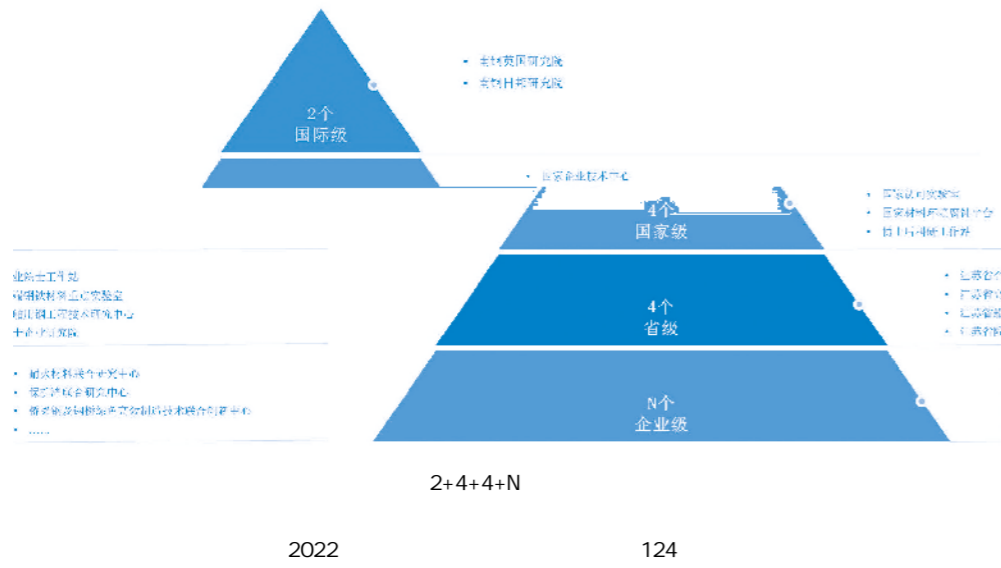


[Redacted text]

[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
	23		2022 5
2			7
2.1			

ISO/TS 22163

IATF 16949

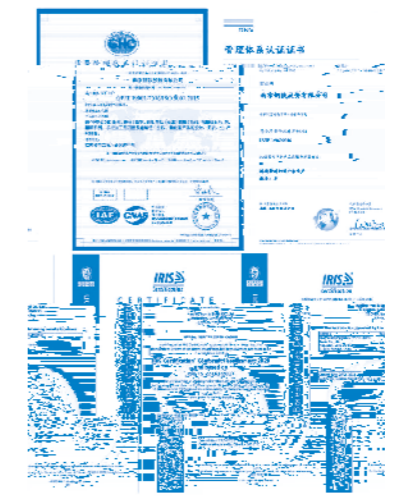
HAF 003

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

94.89      0.47

48      2022

3.2

2022

+



2022

E  
2022

C 17

E 16

2022

2022

100%

50

2

2.1

2

6

Executive level	O	Operation level	S	Strategic level	C	Core executive level	E
			4				

2.2

C

C E

+

C 14  
93

E 18  
24

OT+IT+DT

HR/CHO

2022

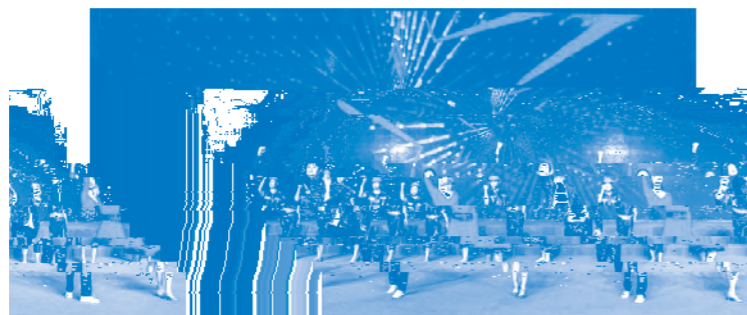
2022 4 10 14 8 6  
 9 2,600 87 700 9 102  
 2022 80



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

4,442

410,200



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	ESG	69 85
GRI 402	402-1	--	
	403-1		50 52
	403-2		55
GRI 403	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	85
	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

