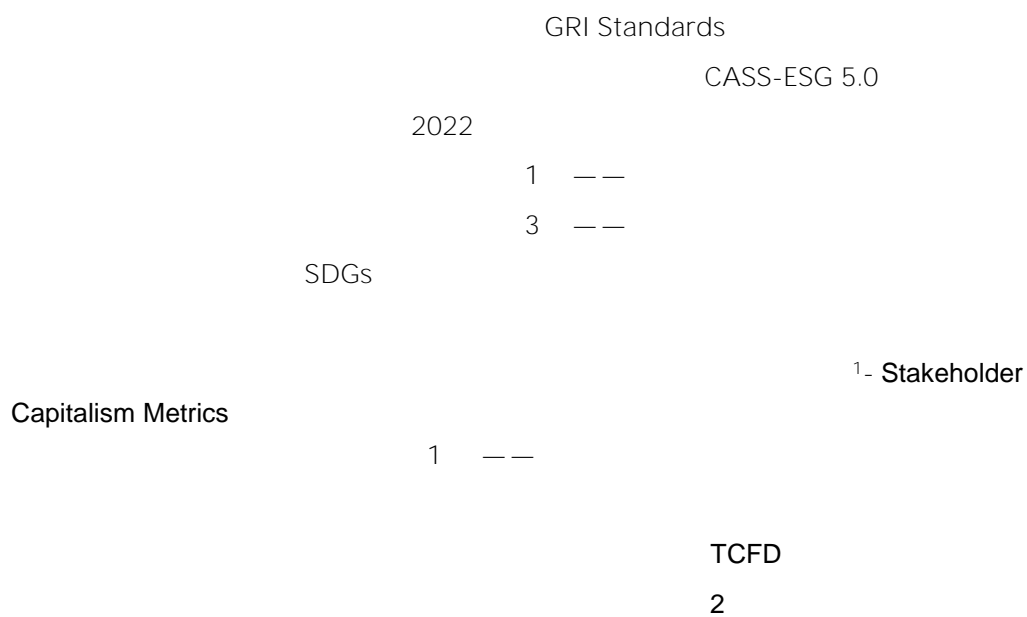


2022

	.....	3
	.....	5
2022	.....	6
	.....	6
	.....	7
ESG	.....	7
	.....	7
	.....	8
	.....	8
	.....	9
	.....	9
1.	.....	12
1.1	.....	12
1.1.1	.....	12
1.1.2	.....	12
1.1.3	.....	13
1.2 ESG	.....	13
1.2.1 ESG	.....	13
1.2.2	.....	15
1.2.3	.....	17
1.2.4	.....	18
1.3	.....	20
1.3.1	.....	20
1.3.2	.....	24
1.3.3	.....	24
2.	.....	26
2.1	.....	26
2.2	.....	32

2.3	.....	36
3.	.....	40
3.1	.....	40
3.1.1	.....	40
3.1.2	.....	43
3.1.3	.....	45
3.2	.....	49
3.2.1	.....	49
3.2.2	.....	51
3.3	.....	52
3.3.1	.....	52
3.3.2	.....	56
3.3.3	.....	57
4.	.....	60
4.1	.....	60
4.1.1	.....	60
4.1.2	.....	62
4.1.3	.....	63
4.1.4	.....	64
4.2	.....	68
4.2.1	.....	68
4.2.2	.....	69
4.3	.....	71
	.....	73
	.....	73
	.....	74
GRI	.....	77
	5.0(CASS-ESG 5.0)	83
	.....	87



<http://www.szse.cn>

<http://www.semcorp.com>
www.cninfo.com.cn

groupheadquarter@cxxcl.cn

¹ Measuring Stakeholder Capitalism: Towards Common Metrics and Consistent Reporting of Sustainable Value Creation

"

"

ESG

2023 3

2022

		2022	2021
		3,862,273.15	2,612,218.48
		1,259,092.55	798,242.68
	%	57.73%	86.37%
		476,514.41	321,957.49
	%	48.01%	145.16%
	%	25.39%	21.85%
2		90,067.59	62,522.18
		1,020,595,352.8	747,788,807.2
		113,208,811.0	72,224,596.2
	/	2,142.2	2,551.2
		0.8	1.0
	/	3.3	3.6
	/	0.1	0.2
		7,458	5,954
		28.6%	28.6%
		19.7	

2006 04 05
 125 BOPP ³
 2016 9 14
 002812 6
 4 " "
 " "
 2 " "
 " "
 " C " -" C29 " 2012

3.4 4 10 4
 2023



³ BOPP

" " " "

BOPP

3C

LGES

NORTHVOLT

ACC

BOPP

BOPP

BOPP

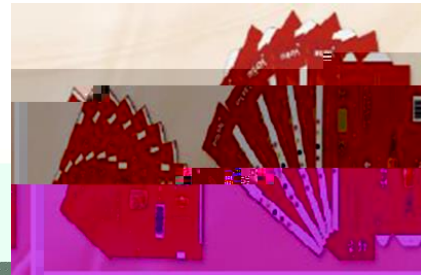
BOPP

BOPP

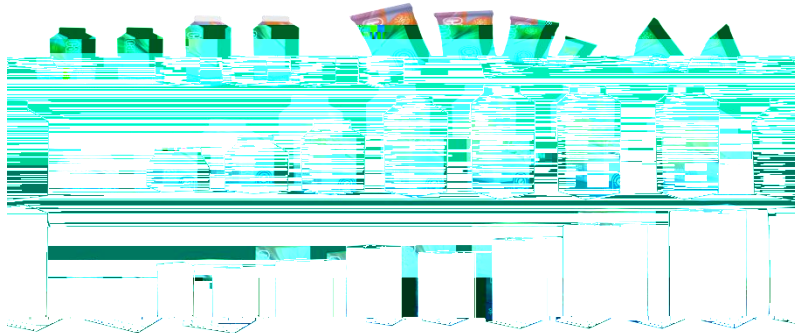




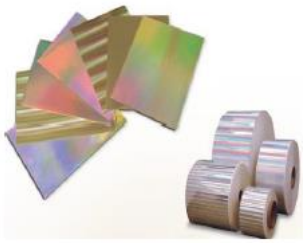
A



B



PET



10

2022

2019 11

1

1.
1.1
1.1.1

2022

2022

		9	3		2
7	22.2%	3	1		
1	2	33.3%			

1.1.2

2022

A

229

4

1.1.3

" "

2022

123

80

4

1

1.2 ESG

1.2.1 ESG

ESG

ESG

ESG

ESG

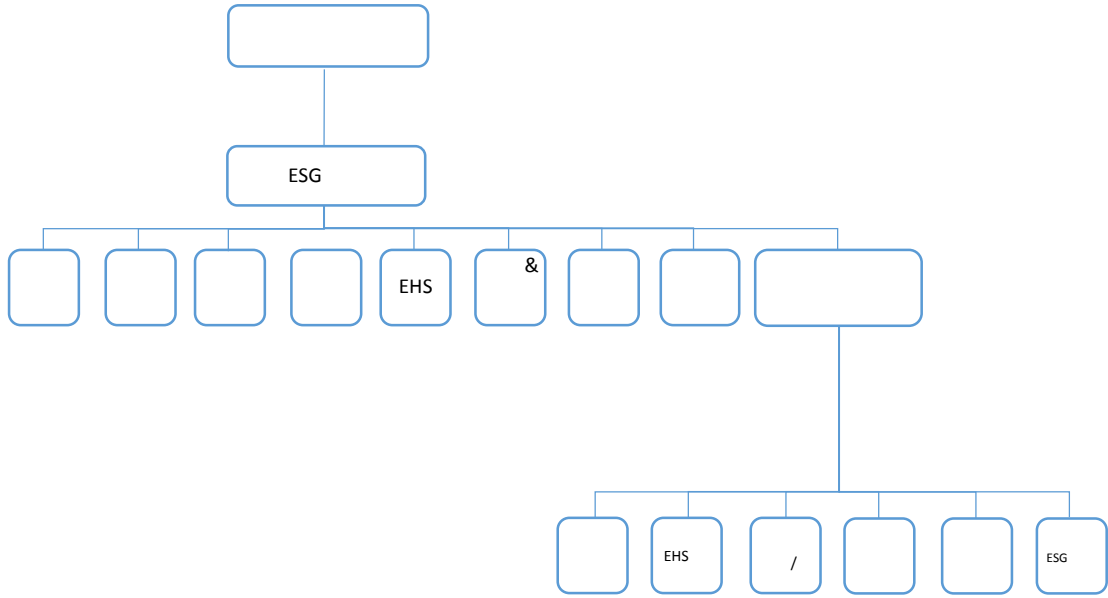
	ESG	ESG
ESG	ESG	& EHS
	ESG	ESG

ESG

(

EHS

&



ESG

2022

ESG

ESG

		• • • •
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		• OA • • • • • • •
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		• • •
		• • •
		• • • • • •

1.2.3

ESG

ESG

ESG

ESG

"

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1		16	
2	ESG	17	
3		18	
4		19	
5		20	
6		21	
7		22	
8		23	
9		24	
10		25	
11		26	
12		27	
13		28	
14		29	
15		30	

17

18-23

24-30

ESG





ESG

1.2.4

17

6

14

SDGs	
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #e67e22; color: white; padding: 5px; margin-bottom: 5px;"> 5 性别平等  </div> <div style="background-color: #8e44ad; color: white; padding: 5px; margin-bottom: 5px;"> 8 体面工作和经济增长  </div> <div style="background-color: #f39c12; color: white; padding: 5px; margin-bottom: 5px;"> 9 产业、创新和基础设施  </div> <div style="background-color: #e91e63; color: white; padding: 5px; margin-bottom: 5px;"> 10 减少不平等  </div> <div style="background-color: #2980b9; color: white; padding: 5px; margin-bottom: 5px;"> 16 和平、正义与强大机构  </div> <div style="background-color: #2c3e50; color: white; padding: 5px;"> 17 促进目标实现的伙伴关系  </div> </div>	<p>534</p> <p>28.6%</p> <p>71</p> <p>4</p>
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #3498db; color: white; padding: 5px; margin-bottom: 5px;"> 6 清洁饮水和卫生设施  </div> <div style="background-color: #f1c40f; color: white; padding: 5px; margin-bottom: 5px;"> 7 经济适用的清洁能源  </div> <div style="background-color: #d35400; color: white; padding: 5px; margin-bottom: 5px;"> 12 负责任消费和生产  </div> <div style="background-color: #27ae60; color: white; padding: 5px;"> 13 气候行动  </div> </div>	

1.3

1.3.1



2022

"

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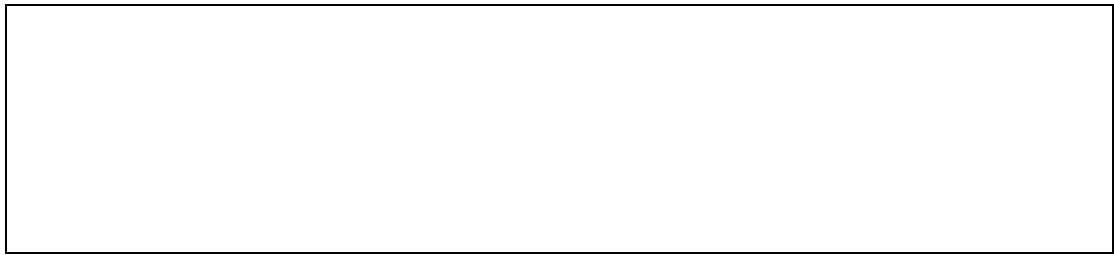
"

2022

125

62.5





xhualee@163.com 021-20977221-8110#	lianjie@semcorpglobal.com
155	

2022

1.3.2

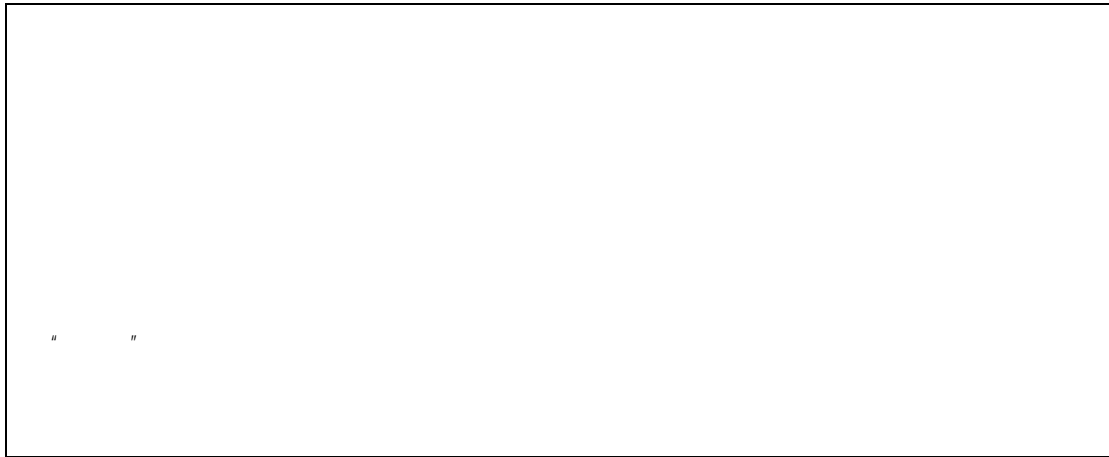
2022

1.3.3



2.

2022



BOPP	ISO14001:2015
ISO50001:2018	ISO10012 2003
12	ISO14001:2015
	85.7%

6,054

2.1

2006 28

ISO14001



2022

2022



2022

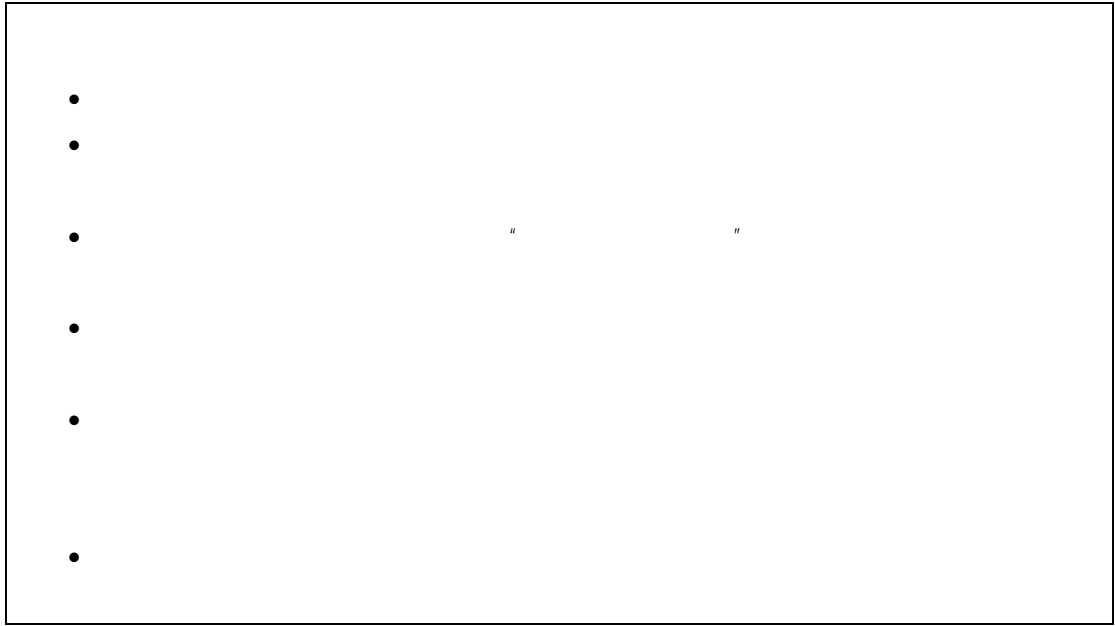
2TD

438,887.7

" "

2022

2022



2022

A



OA ERP



2022

2021	2022	1,028,826,280.8
116,451,071.0		2,696,796,592.7
2,142.2	/	16.0%
4,181,644.1	438,887.7	10.5%

		2022	2021
5		1,028,826,280.8	747,788,807.2
		116,214,822.8	72,080,212.0
		236,248.2	144,384.2
6		6.2	20.4
		87,318.4	126,323.1
7		108,007.5	71,338.7
		1,461,040.1	1,818,438.9
8		2,696,796,592.7	2,036,507,763.6
	/	2,142.2	2,551.2
		50,209.7	37,517.9
		42,930.6	28,668.6
		7,279.1	8,849.3
9		4,098.7	1,548.9
		1,546.1	683.0
		2,552.6	865.9
		4,181,644.1	2,876,110.9

5

6

2022

7

8

GB/T2589-2020

9

	/	3.3	3.6
--	---	-----	-----

2.2

2022	
100%	100%
100%	100%
100%	100%

VOCs

VOCs

" RTO "

VOCs

FGR

50mg/m³

DB 50/658-2016 1

22.75 /

65 /

2-3

2022		

GB12348 2008

" "

2022

(2016-2030)

" "

FSC (Chain of Custody, COC)
FSC

2022

2022

2022

1,026,270.5

2021

336,814.4

2022

2021-2022			
		2022	2021
		2.7	0.8
	/	0.002	0.001
		54.4	33.4
	/	0.04	0.04
		12.0	8.6
		1,026,270.5	806,074.1

10		255,585.6	158,718.4
11		770,684.8	647,355.7
	/	0.8	1.0
		156.1	198.7
		54.3	25.4
		29.0	26.6
		7.3	3.2
12		65.4	143.6
	/	0.1	0.2
		4307.0	3141.9
		1309.4	979.3
		2997.6	2162.6
		336,814.4	269,279.0

2.3

10 2020 4 GHG Protocol IPCC, 2014
2014

2010 2011 5

11 2011 2012
CO₂

12 2012 2021
2022

ESG

ESG

ESG

ESG

" ESG "

TCFD

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		/

		FSC

A light blue vertical bar is positioned to the left of the table, extending from the top row down to the bottom row.

ISO14064 PAS 2050

ISO 14040 ISO 14044

2020-2025

3.

" "

1996

3.1

3.1.1

18

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"

8

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36

40

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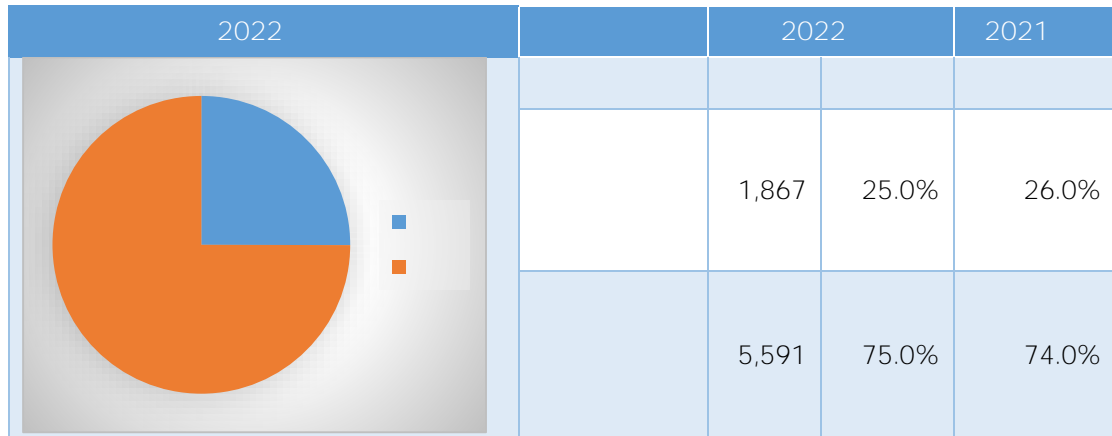
100%

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1,867

25.0%



20

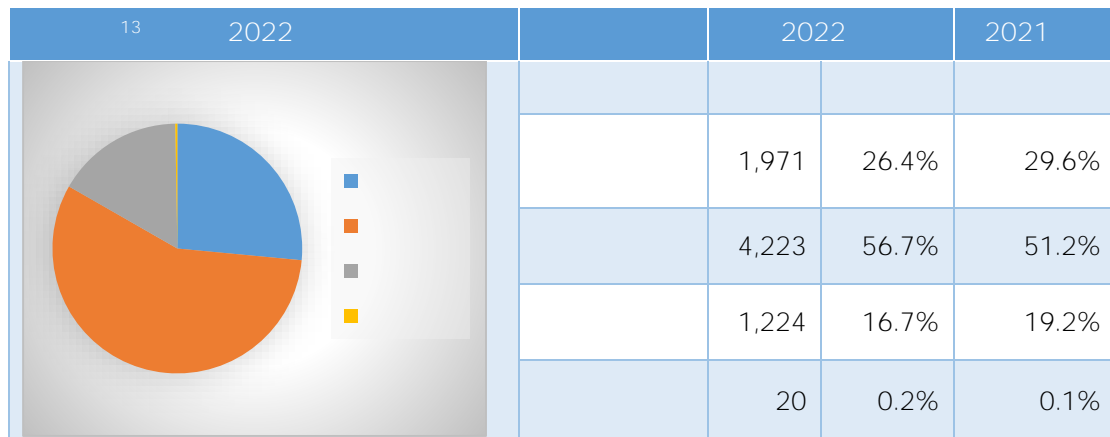
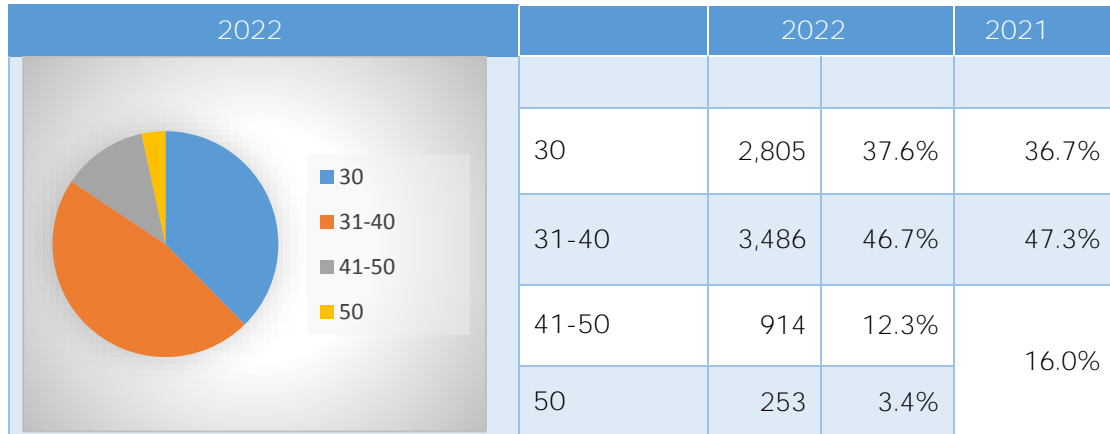
534

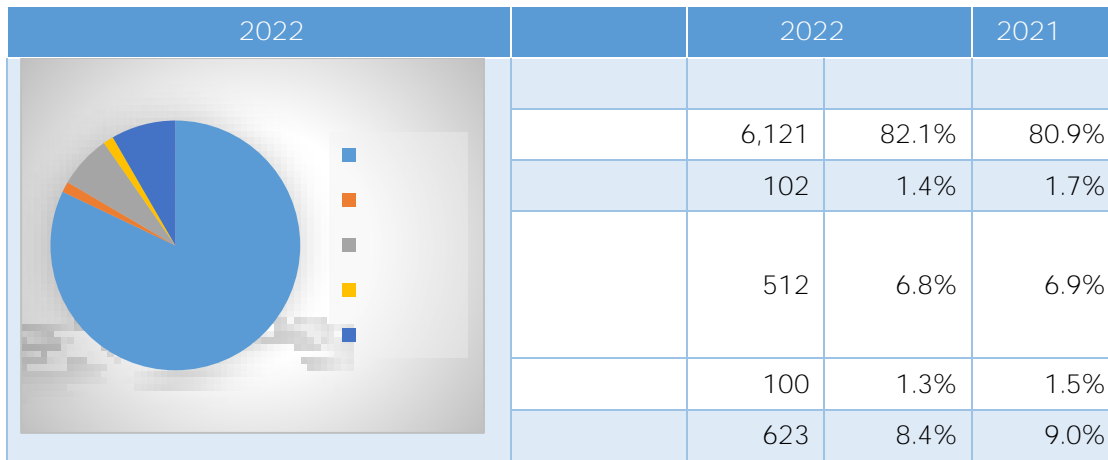
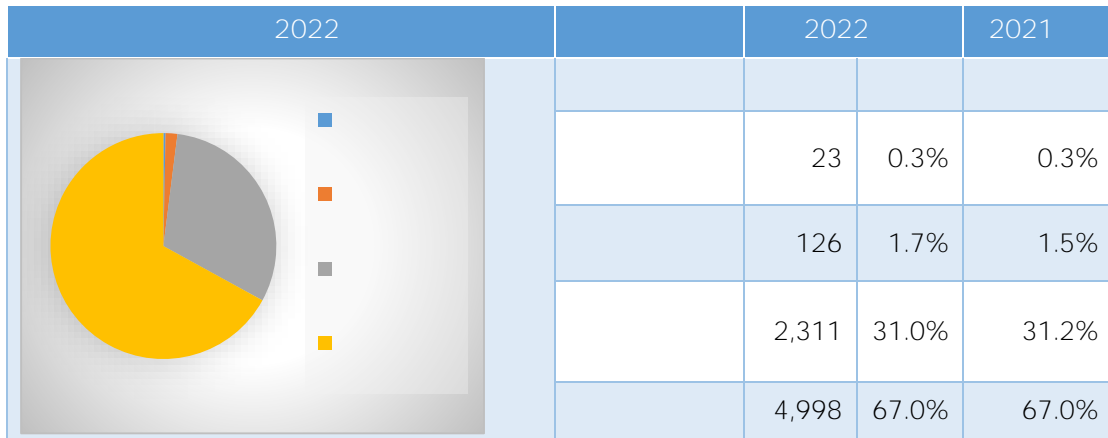
71

2022

100%

7,458 2021 5,954





14 14 71.4% 28.6% 30 50
 42.9% 51 57.1% 29
 1 7.1% 4.6

3.1.2

" "

2,986 2021 3,080 51 2021
 74 2,338 648 30 1,580
 31 40 1,140 41 50 236 50 30

15

	2022		2021	
	470	15.7%	500	28.4%
	2,058	68.9%	1,966	64.5%
	440	14.7%	611	53.5%
	18	0.6%	-	-

7 7 5 20
 2022 " 2022 826
 1,585,437

15 = /

AB

9S

193 30 1,469 19.7%¹⁶ 1,276
30 788 31 40 565 41 50 86 50

17

	2022		2021	
	249	12.6%	180	10.2%
	883	20.9%	481	15.8%
	336	27.0%	186	16.3%
	1	5.0%	-	-

3.1.3

¹⁶ =2022 /

¹⁷ = /

info@semcorpglobal.com

2,343

72%

10

5

	2022		2021	
	100	50	100	57
	99	38	99	53
	99	37	99	43
18	100.0%	97.4%	100.0%	81.1%
	95	37	92	39
19	96.0%	100.0%	92.9%	90.7%



18 =

/

19 =

/



2022

2022

3.2

3.2.1

2022

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2021 7
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3.2.2

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2022

100%

2022

2022

61

3.3

3.3.1

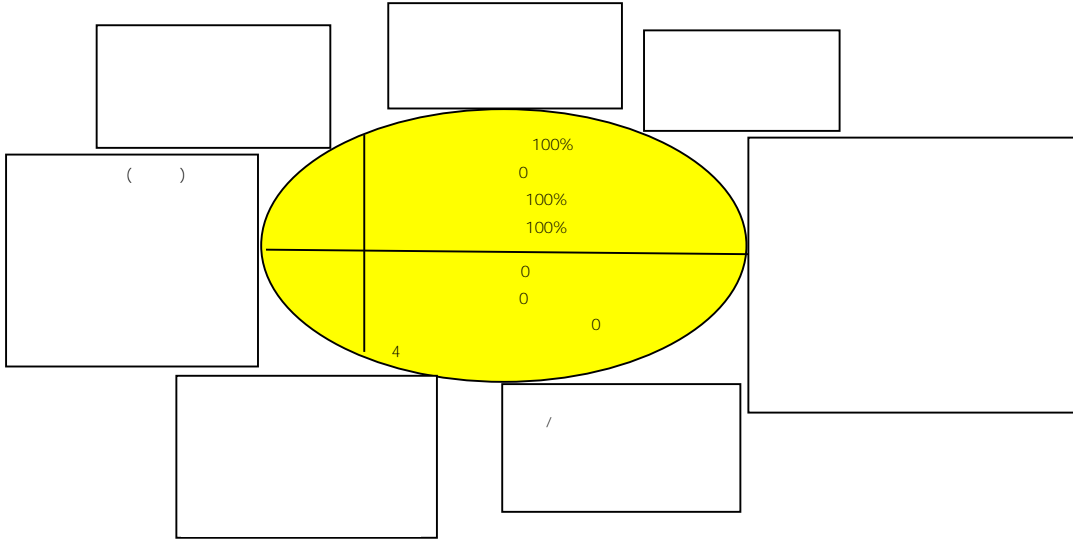
" EHS / " KPI
EHS

7

50%



0	100%
0	100%
100%	100%



	2022	2021
	27	26
²⁰	14,704	16,128
	1,832	2,016
TRIR ²¹	0.36	0.44

²⁰

8

²¹

=

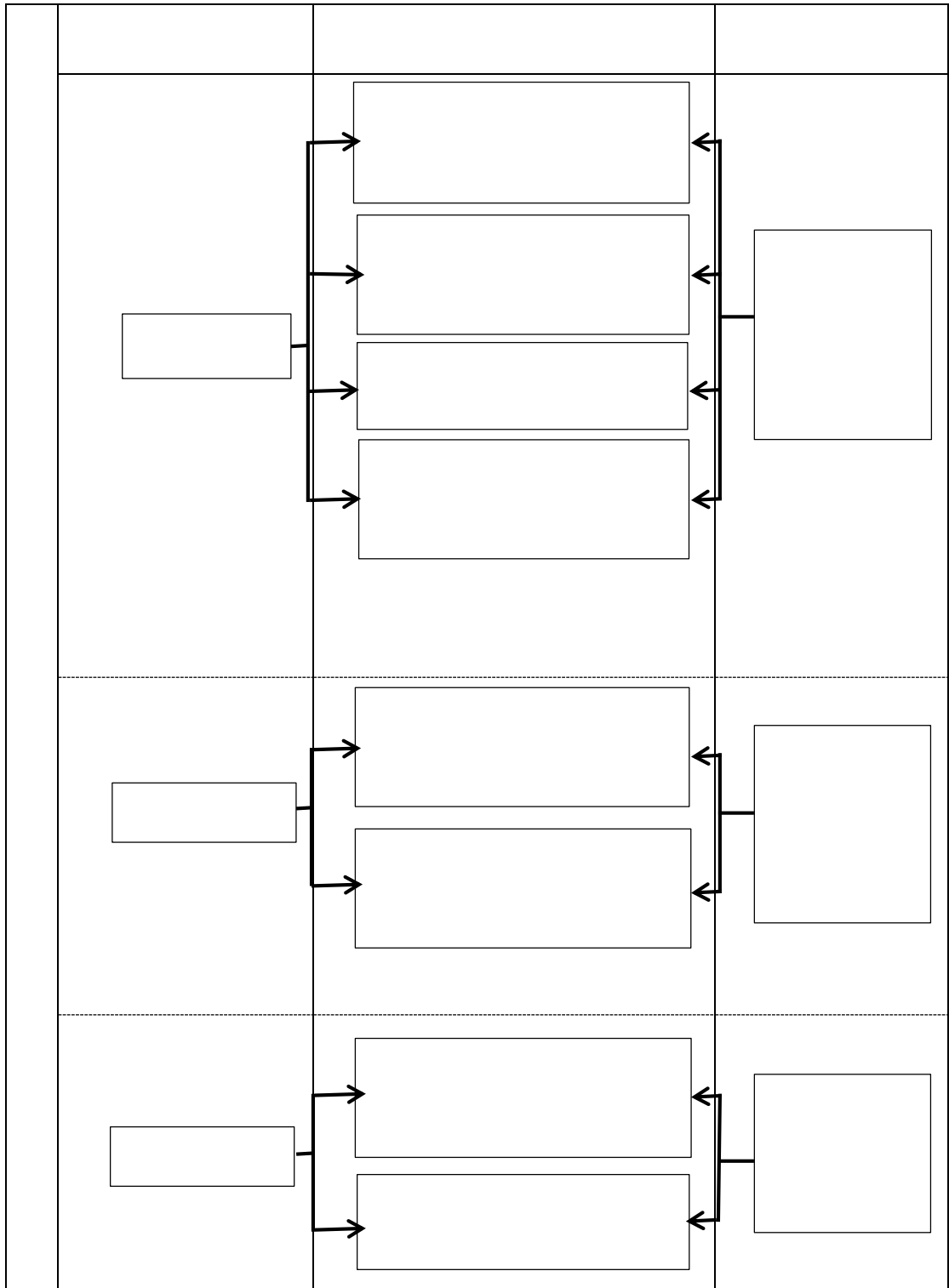
x 200,000 /

MSDS

0

100%







3.3.2

100% 2022

12 ISO45001:2018
2,377

3.3.3

6



2022 2



2022

2022

90

10,912

2022

58

4.

4.1

4.1.1

RoHS

REACH

ISO9001

ISO9001

ISO14000

ISO45001

IATF16949

ISO9001

85.7%

7

IATF16949:2016



IATF16949

8D

8

IQC

QMS

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GB4806.7-2016

2022



4.1.2

DMAC²²

DMAC

BOPP

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ISO 14040 ISO 14044

4.1.3

2022

" 1

24

"

&

²² DMAC

100%

" "

2022

4.1.4

2022

724,297,699.66

5.75%

2020-2022	2022	2021	2020
	724,297,699.66	409,178,730.28	178,243,333.28
	5.75%	5.13%	4.16%

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-
-
-

/

10
PI

2010

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2019

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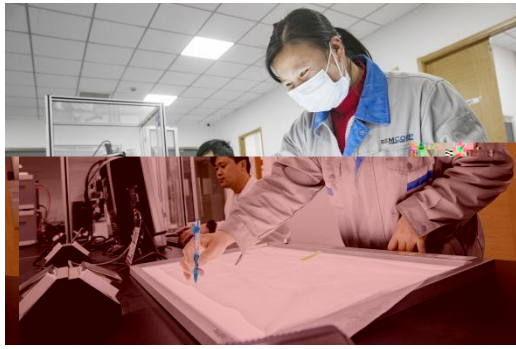
" "

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4.2

A	
B	
C	
D	
	/
	/

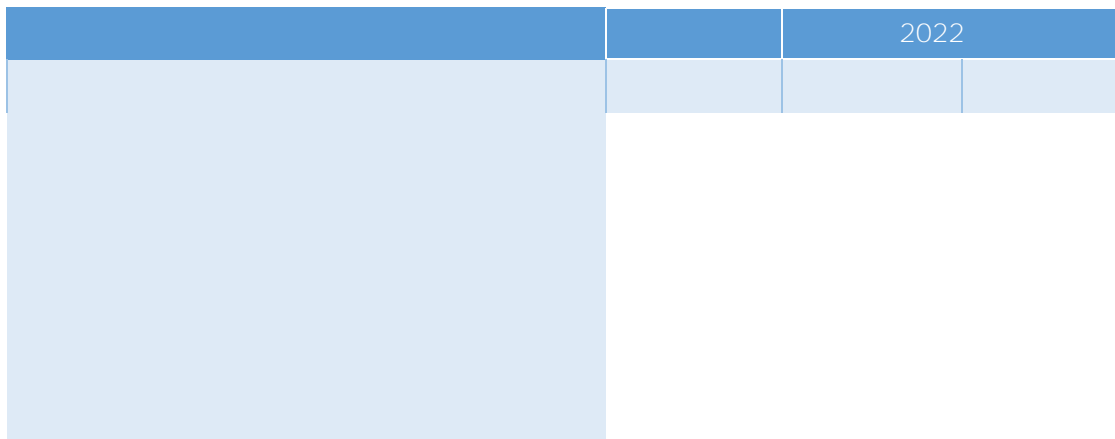
4.2.1

ISO9000

2022		2,922		2,730	
271	370		1,148		1,105
24		4		113	
					97

2022

97%



4.2.2

2022

SRM

2022

SRM

4.2.3

ESG

CSR

ESG

4.3

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	2021	
	2021	
	2022	
	2021	

GRI



403-2			

5.0(CASS-ESG 5.0)

P1)	P1.1		
	P1.2		
	P1.3		
P2)	P2.1	ESG	
	P2.2	ESG	
P3)	P3.1	ESG	2022
P4)	P4.1		
	P4.2		
	P4.3		
	P4.4		
G1	G1.1		
	G1.2		
	G1.3		
	G1.4		
	G1.5		
	G1.6		
	G1.7		

E1)	E1.1		
	E1.2		
	E1.3		
	E1.4		
	E1.5		
	E1.6		
	E1.7		
	E1.8		
	E1.9		
E2)	E2.1		
	E2.2		
	E2.3		
	E2.4		
	E2.5		
	E2.6		
	E2.7		
	E2.8		
	E2.9		
	E2.10		
	E2.11		
	E2.12		
	E2.13		
	E2.14		
	E2.15		

E3	E3.1		
	E3.2		
	E3.3		
	E3.4		
	E3.5		
	E3.6		
	E3.7		
	E3.8		
	E3.9		
	E3.10		
E4	E4.1		
	E4.2		
	E4.3		
E5	E5.1		
	E5.2		
	E5.3		
	E5.4		
	E5.5		
	E5.6		
	E5.7		

S1	S1.1		
	S1.2		
	S1.3		
	S1.4		
	S1.5		
	S1.6		
	S1.7		
	S1.8		
	S1.9		
	S1.10		
	S1.11		
S2	S2.1		
	S2.2		
	S2.3		
	S2.4		
S3	S3.1		
	S3.2		
	S3.3		
	S3.4		
	S3.5		
	S3.6		
	S3.7		
	S3.8		
	S3.9		
	S3.10		
	S3.11		
	S3.12		

S4)	S4.1		
	S4.2		
	S4.3		
	S4.4		
	S4.5		
	S4.6		
	S4.7		
	S4.8		
	S4.9		
S5	S5.1	ESG	
	S5.2	ESG	
	S5.3		
	S5.4		
	S5.5		
	S5.6	ESG	
	S5.7	ESG	
V1)	V1.1		
	V1.2		
	V1.3		
	V1.4		

V2	V2.1		
	V2.2		
	V2.3		
	V2.4		
	V2.5		
	V2.6		
	V2.7		
	V2.8		
V3	V3.1		
	V3.2		
	V3.3		
	V3.4		
	V3.5		
	V3.6		
	V3.7		
V4	V4.1		
	V4.2		
	V4.3		
	V4.4		
	V4.5		
	A1		
	A2		2022
	A3		
	A4		
	A5		

0877-8888677

125

1.

2.

3.

4.

5.