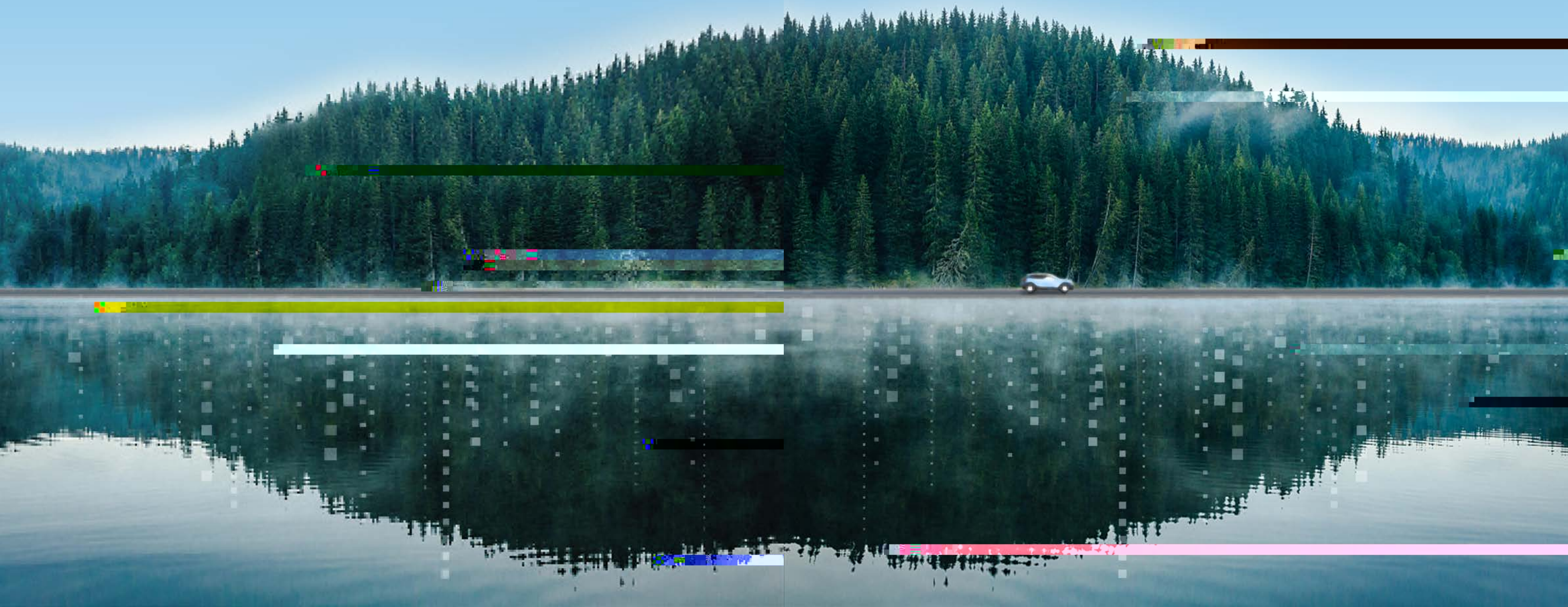
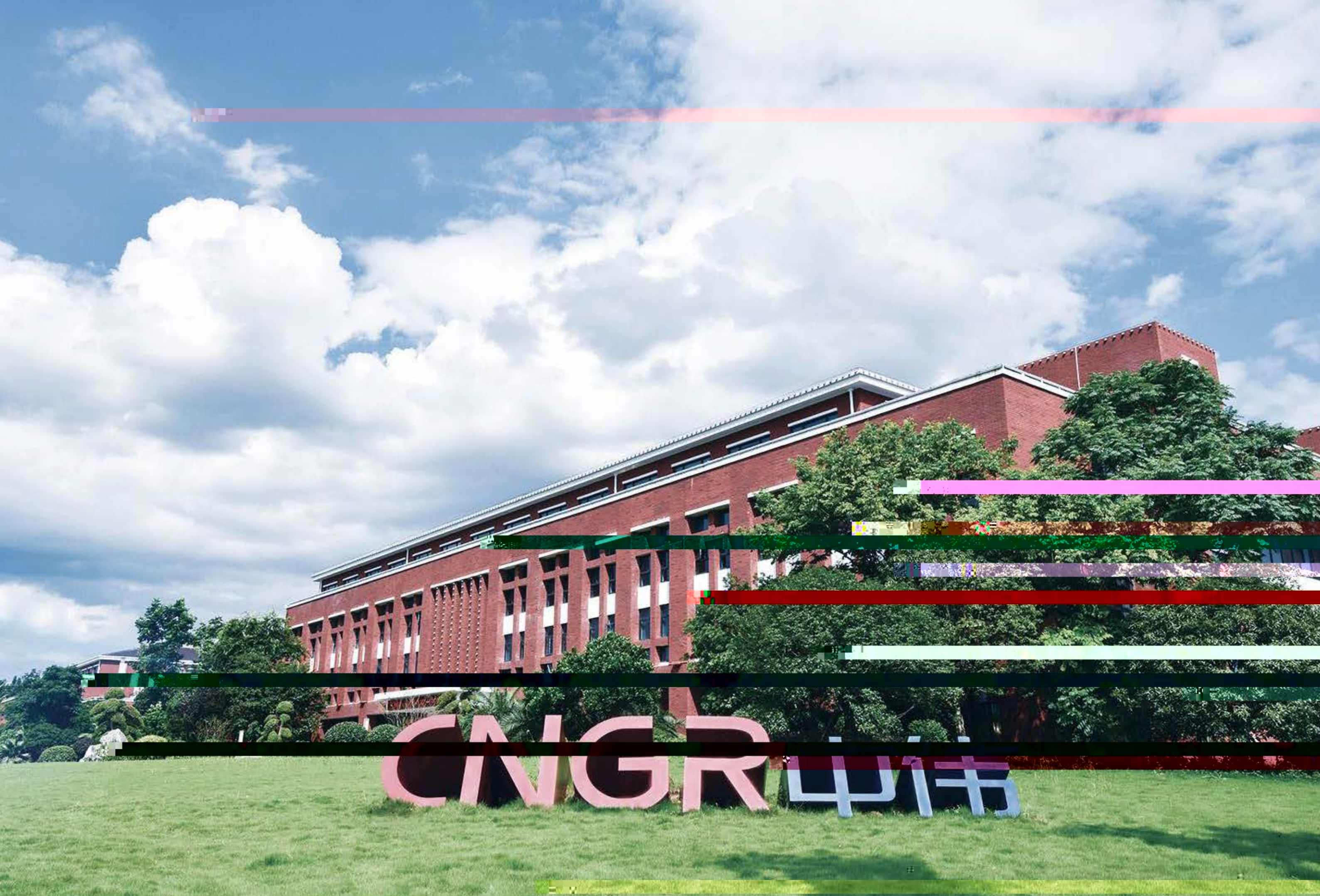


2023

ESG

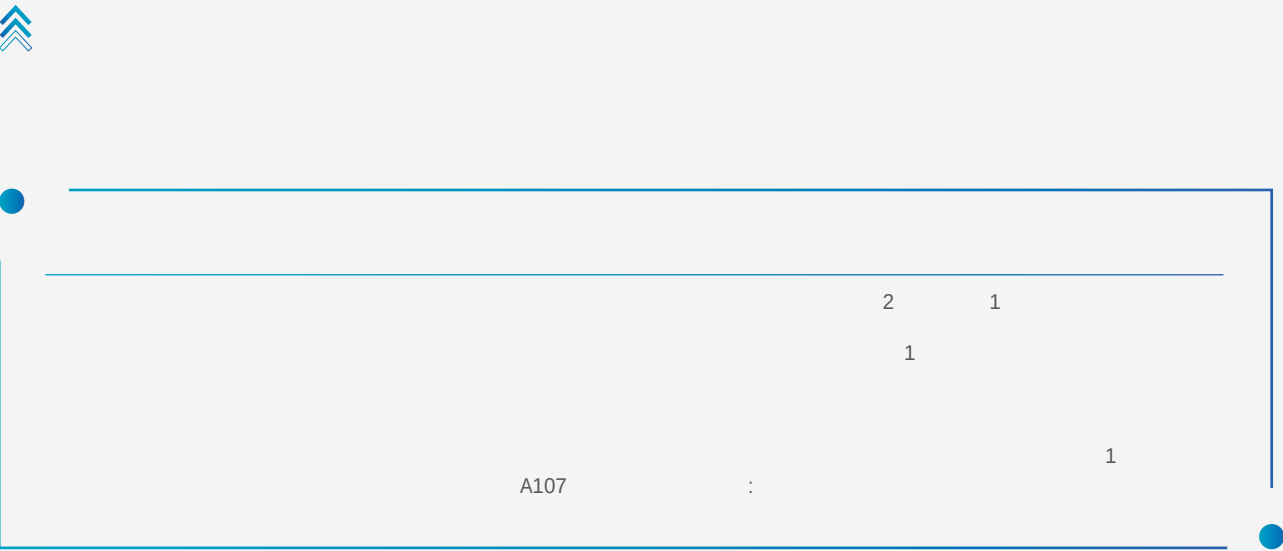
2023 Environmental, Social, and Governance Report





“ ESG ”

“ ” “ ” “ ” “ ”



2023 1 1 2023 12 31

Standards

2030

GSSB

GRI

UN SDGs

SASB

TCFD

GRI Standards

UNGC

2021

SASB

TÜV

“ ”

AA1000

v3

“ AA1000AS v3 ”

2024 4 23

2025 3

<http://www.cngrgf.com.cn/shzr.html>



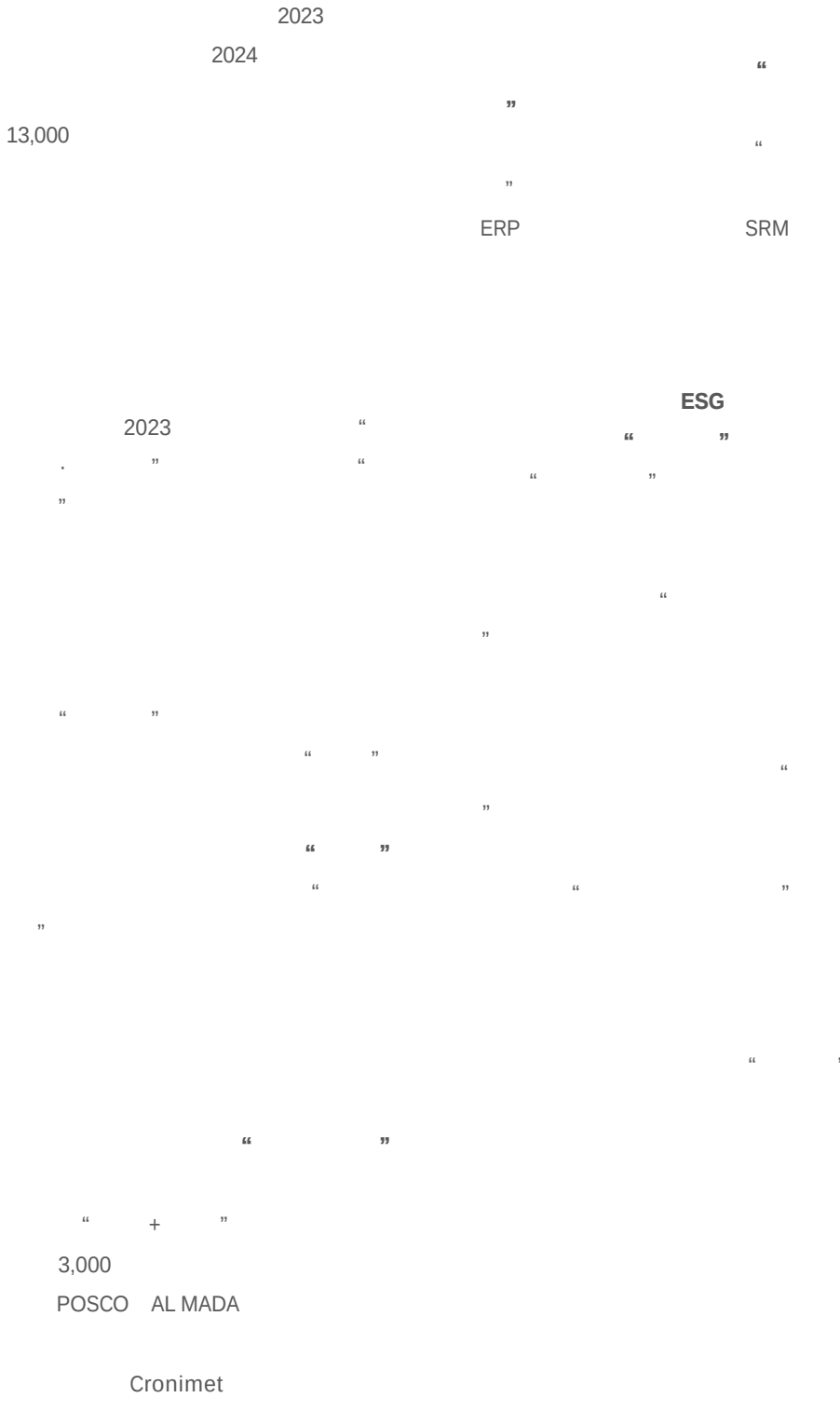
2 1



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cngrCSR@cngrgf.com.cn



CONTENTS

04	01	0	
06	2023	13	24
	2023 ESG	20	28
		21	33
			34
56		82	92
65		ESG	98
74			100

01

关于
中伟股份

2023

2023 ESG

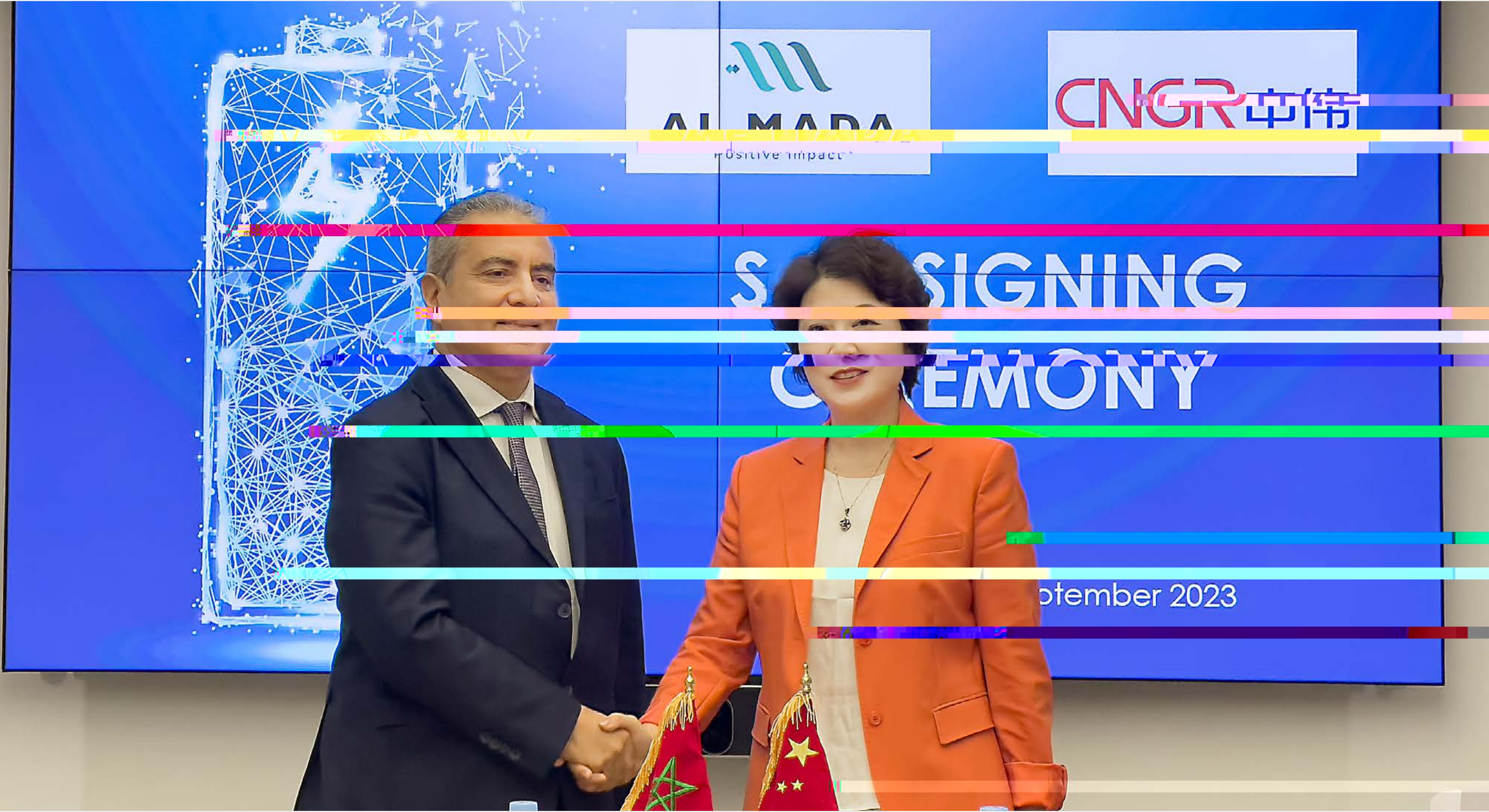
SDGs



342.73

3





Hassan Ouriagli | AL MADA



2023

2023	500	2023	500
Fortune Magazine		Fortune Magazine	
2023	500	2023	500
2023			

2023 ESG

2023.03	RCI	2023.09	ESG
			"ESG China Awards 2023"
2023.05	UNGC SDGs	2023.11	"2023"
2023.06	2023	2023.12	ESG
2023	ESG	—	S&P CSA MSCI ESG
2023	FTSE ESG C B	2022	CDP

S&P Global

43

MSCI

BB

FTSE Russell

3.1

CDP

B

02

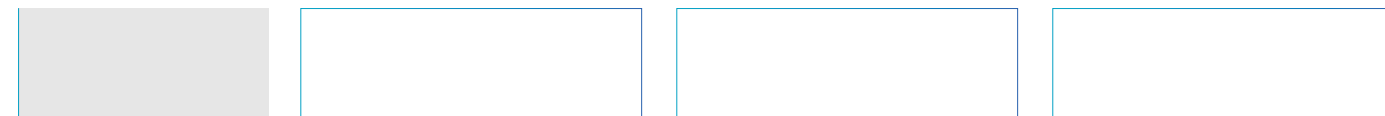
企业战略

“ ”



“

2023



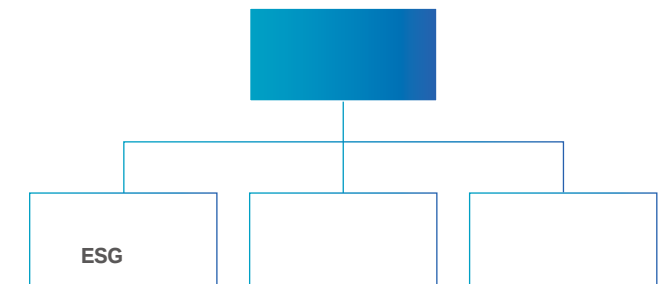
ESG

23

ESG

ESG

2023 12



ESG
ESG

1. ESG
- 2.
- 3.

2023 11
90,000 /

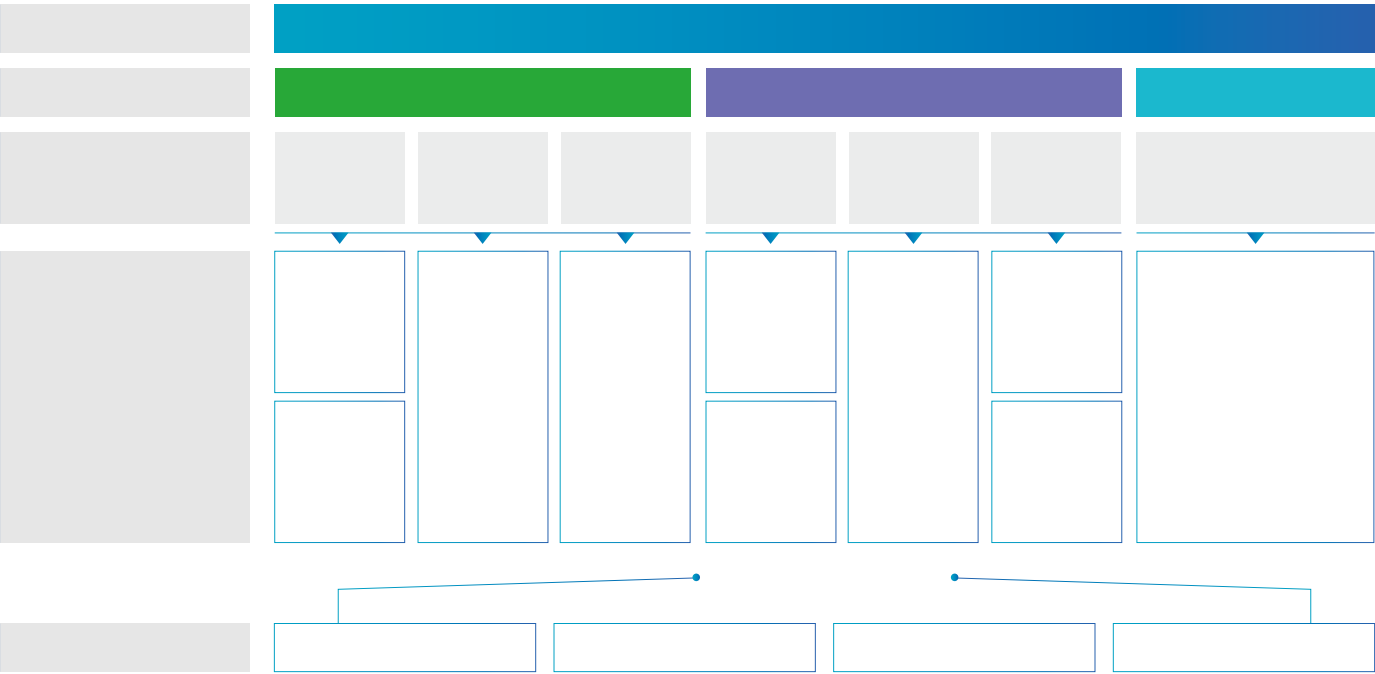
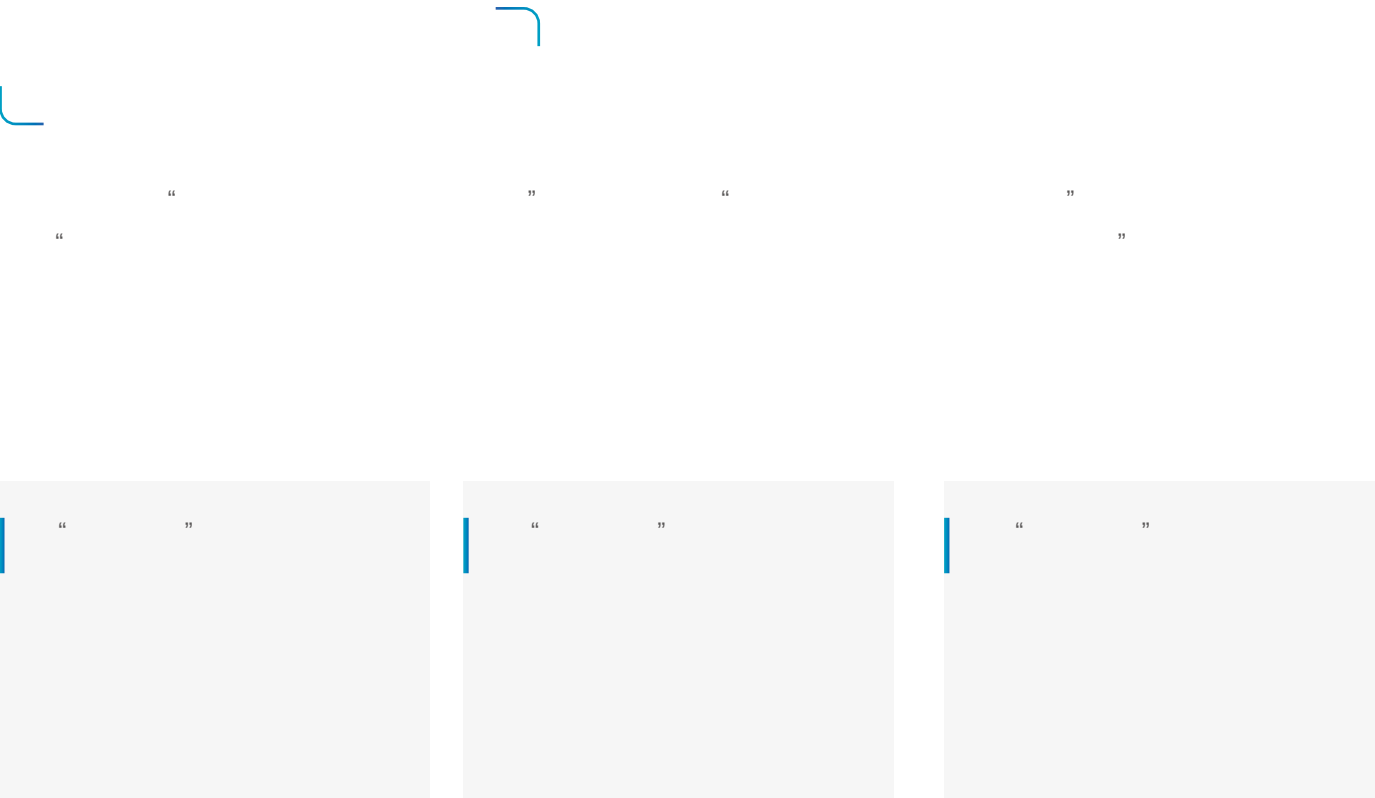
2022 2023

2023

	6	15	11
	27	82	35
	-	100%	100%

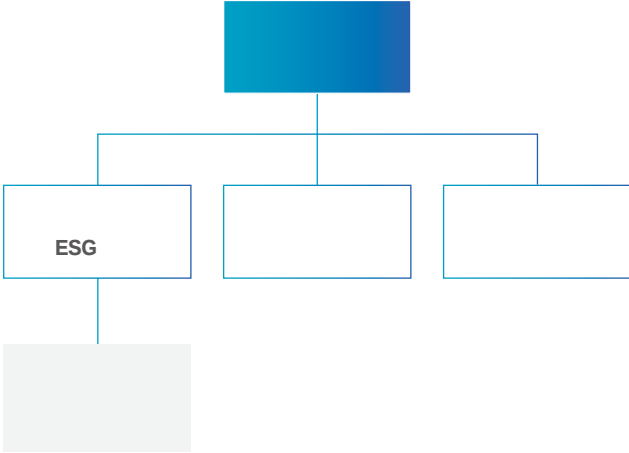
		2023.03.30-2026.03.30				1,500,100		960,000	13,839	0	0	71,744	2,545,684
		2023.03.30-2026.03.30				300,000		-	-	-	-	-	300,000
		2023.03.30-2026.03.30				880,960		960,000	13,839	0	0	398,384	2,253,184
		2023.03.30-2026.03.30				746,724		660,000	13,839	0	0	483,711	1,904,274
		2023.03.30-2026.03.30				761,816		960,000	13,839	0	0	68,018	1,803,674
		2023.03.30-2026.03.30				697,574		660,000	15,501	0	0	75,508	1,448,583
		2023.03.30-2026.03.30				84,999		0	0	0	0	0	84,999
		2023.03.30-2026.03.30				84,999		0	0	0	0	0	84,999
		2023.03.30-2024.01.09				84,999		0	0	0	0	0	84,999
		2024.01.09-2026.03.30				-		-	-	-	-	-	2024 1 ,





ESG

2023
EHS



2023



342.73

20.99



1.96 CO₂e/

59.54%

2

60.55%



5,326.96

0.53

94.71

29.00

83.89%

373



100%

1

1

ISO 37301:2021

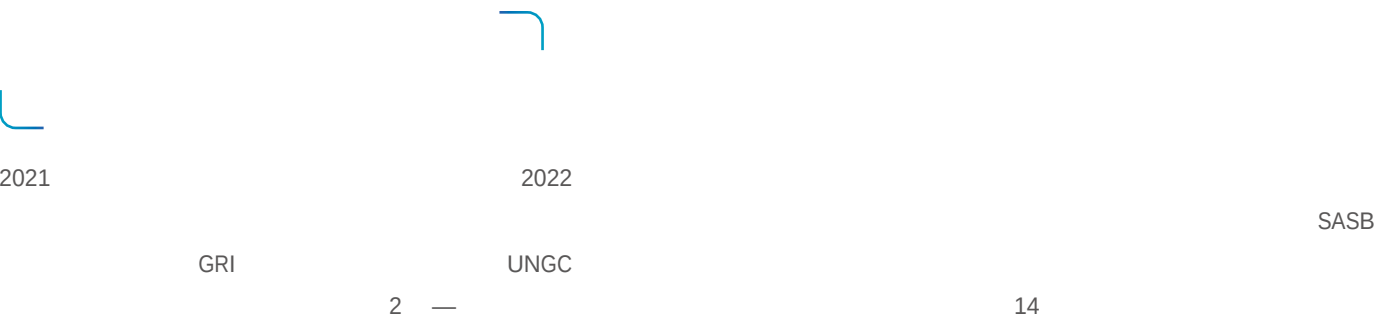
ISO 27001

GRI

2021

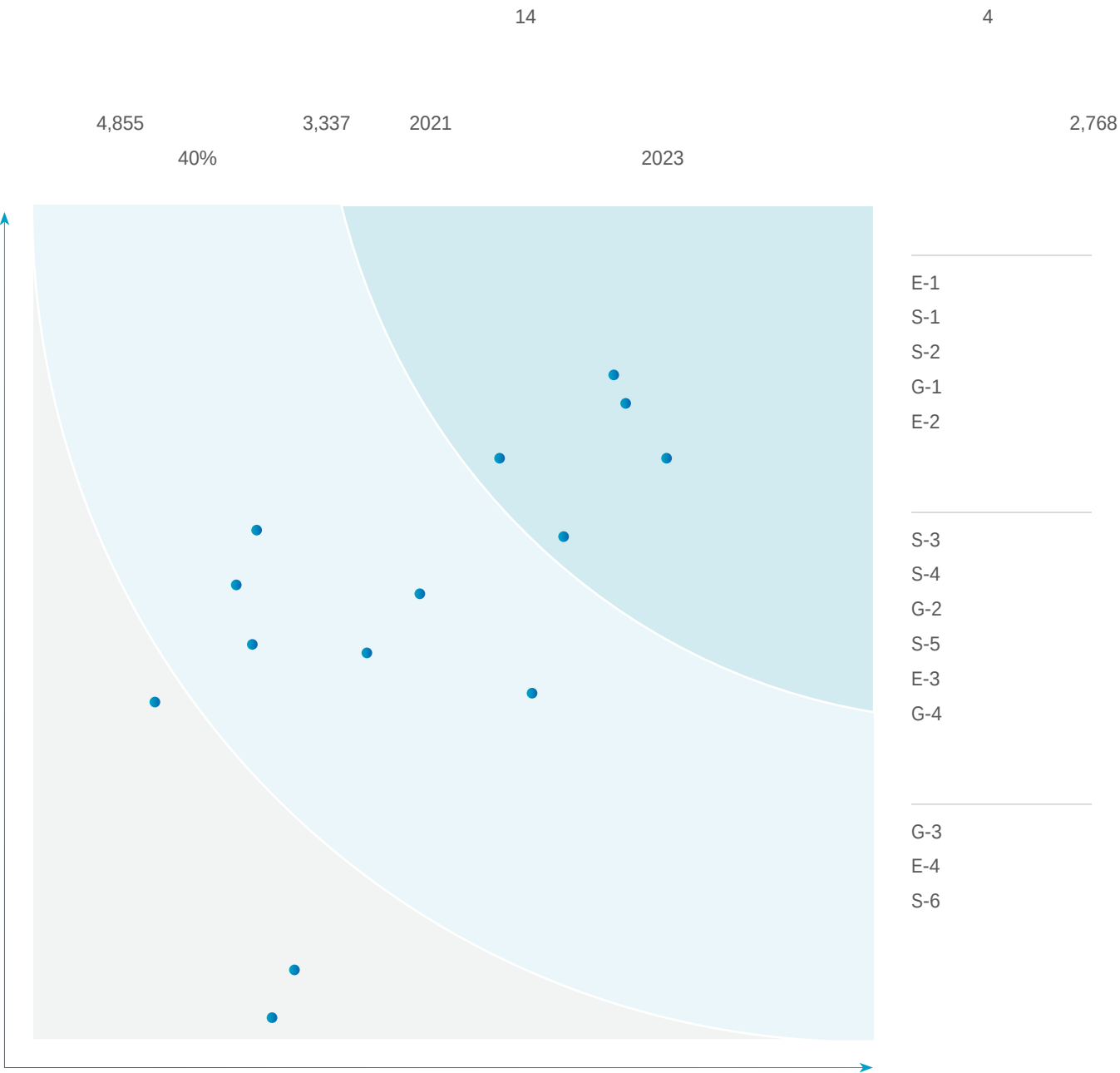
ESG





	2021	2022	2023	2023	
E	11.	E-1	E-1.1 SBTi TCFD E-1.2 E-1.3		
	12.	E-3	E-3.1		
	13.	E-2	E-2.1		
		E-4	E-4.1		
	14.				“ E-1 ”
	16.				“ E-1 ”
S	6.	S-4	S-4.1 ESG S-4.2 ;		
	7.	S-2	S-2.1 RoHS/REACH S-2.2 S-2.3 S-2.4 ;		
	8.	S-1	S-1.1 S-1.2		
	9.				“ S-1 ”

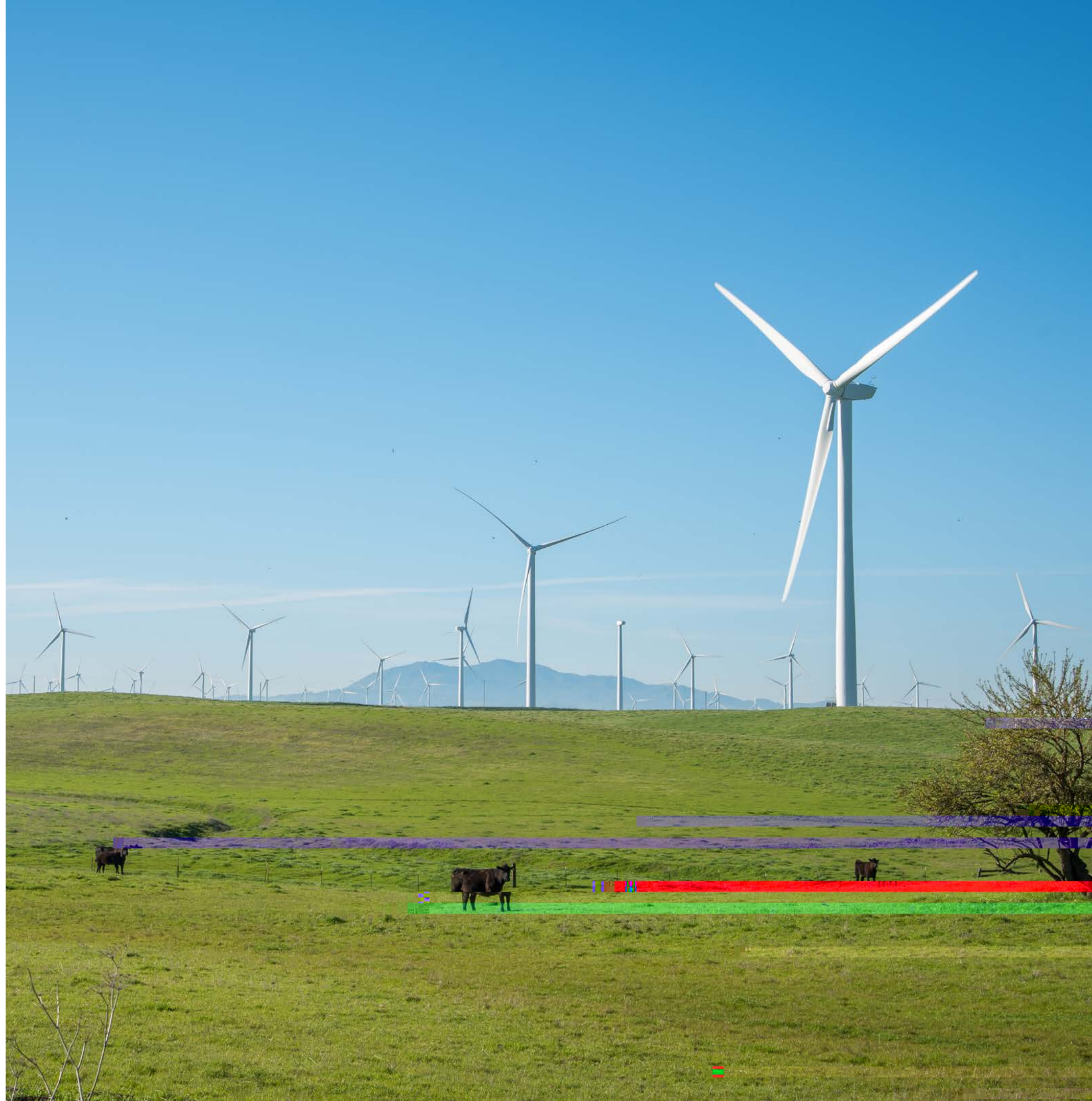
	2021	2022	2023	2023	
S	10.				“ S-2 ”
	15.				“ S-2 ”
	17.				“ S-2 ”
	18.	S-5	S-5.1 S-5.2	/	
	19.				“ S-5 ”
	20.				“ S-5 ”
	21.	S-3	S-3.1 /		
	22.	S-6	S-6.1 S-6.2		
	23.				“ S-6 ”
G	1.	G-1	G-1.1 G-1.2		
	2.				“ G-1 ”
	3.	G-2	G-2.1 G-2.2	/	
	4.				“ G-2 ”
	5.				“ G-1 ”
		G-3	G-3.1		
		G-4	G-4.1 G-4.2		



03

和谐生态

SDGs





2022

TCFD

CDP

2023

TCFD

2024

ISSB

2025

2030

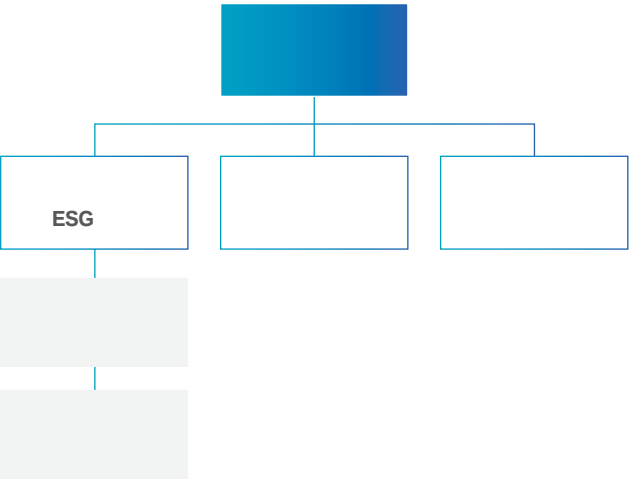
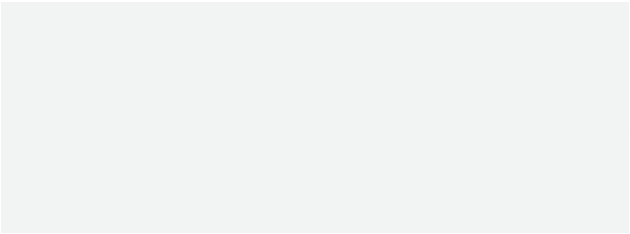
2022

ESG

TCFD

2022

ESG



2023

17.5MW 2023 9
474 2024
36.95MW

4,400
6MW 2024

800
5,000 m² 31

2023 6.64 ,



2022

2023

2024

2022

2023

2022

2023

2024

2023

2022

97.1%

ISO 14021

UL 2809

2023

2025

70%

EHS

[WRI World Resource Institute](#)
[AqueductTM Water Risk Atlas](#)

		2021	2022	2023
NO _x		-	15,845.71	69,798.74
SO _x		-	841.21	33,246.20
POP		-	0.00	0.00
VOC		-	2,192.91	4,354.26
HAP		-	387.78	1,494.10
PM		-	13,732.58	61,376.72
		91.30	91.47	94.71

2024

ISO 14001

200 m³

“ ” “ ”

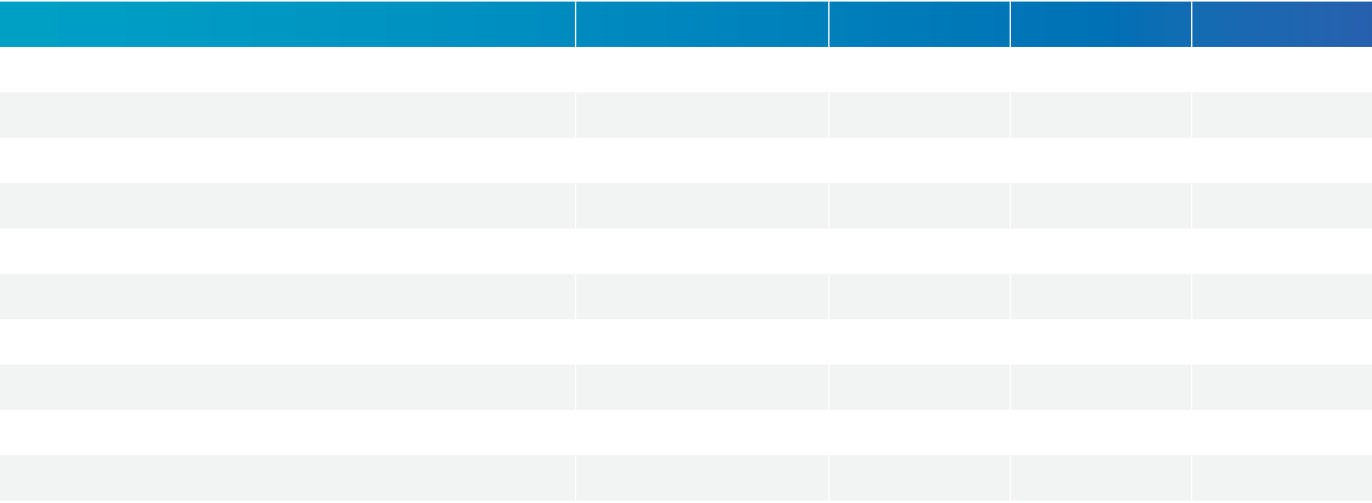
20%

ISO 14001

188.34 1,372.11 ,

100%

160



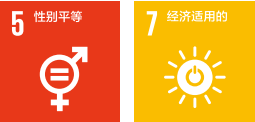
EHS

2023 " " " " "

SO₂ 400mg/m³ 100mg/m³

卓越共赢

SDGs





2022			2022 ESG
2023			
2024			
2025			
2030			

		2021	2022	2023
	%	100	100	100
		-	0	0
		-	0	0

ESG

		2021	2022	2023
		543	1,562	1,780
		-	1,536	3,455
	%	100	100	100

299.62

“ + ”

100%

33

		2021	2022	2023
	-	-	-	2,982%
	-	-	-	1,673%

1

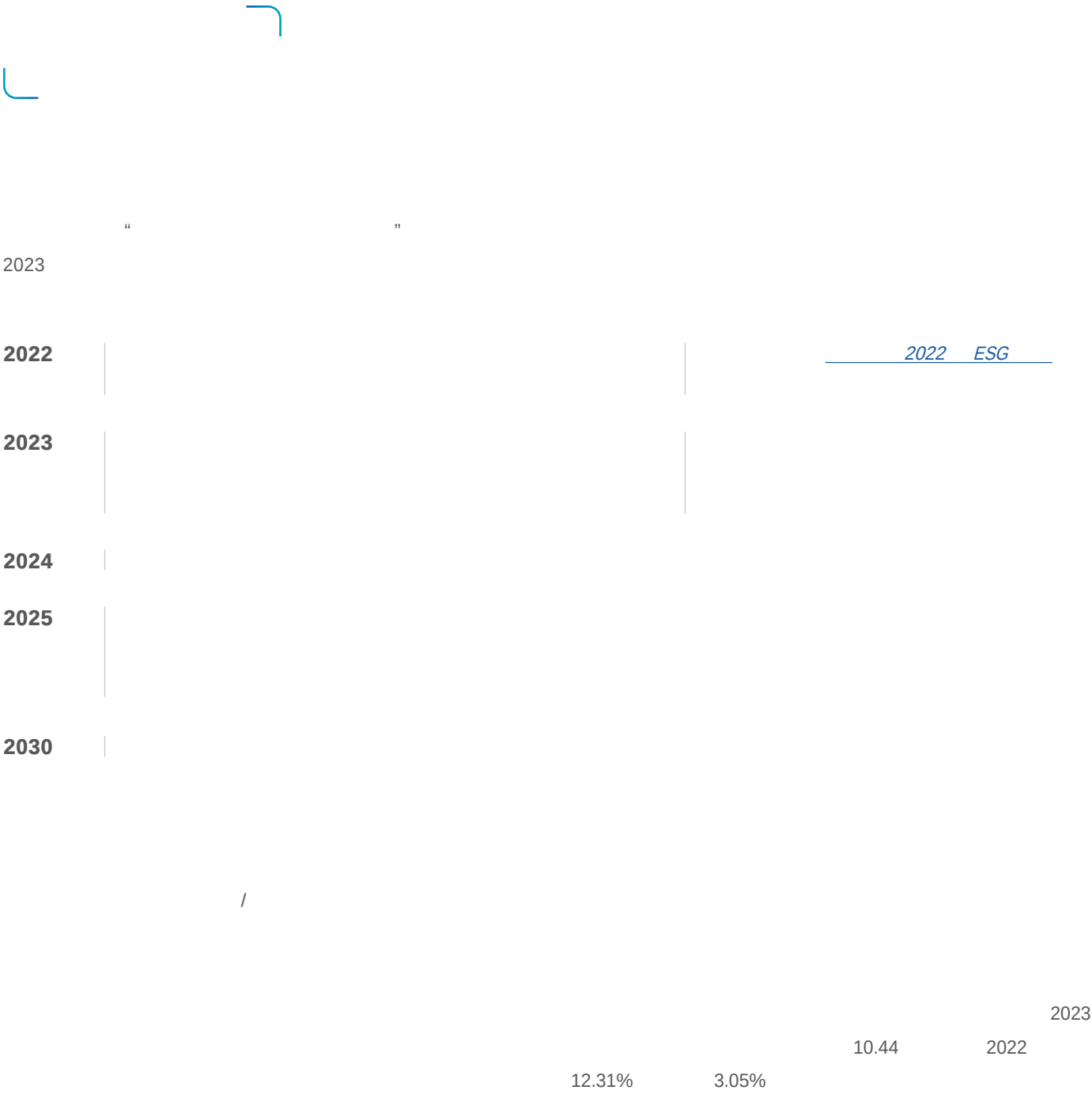
2

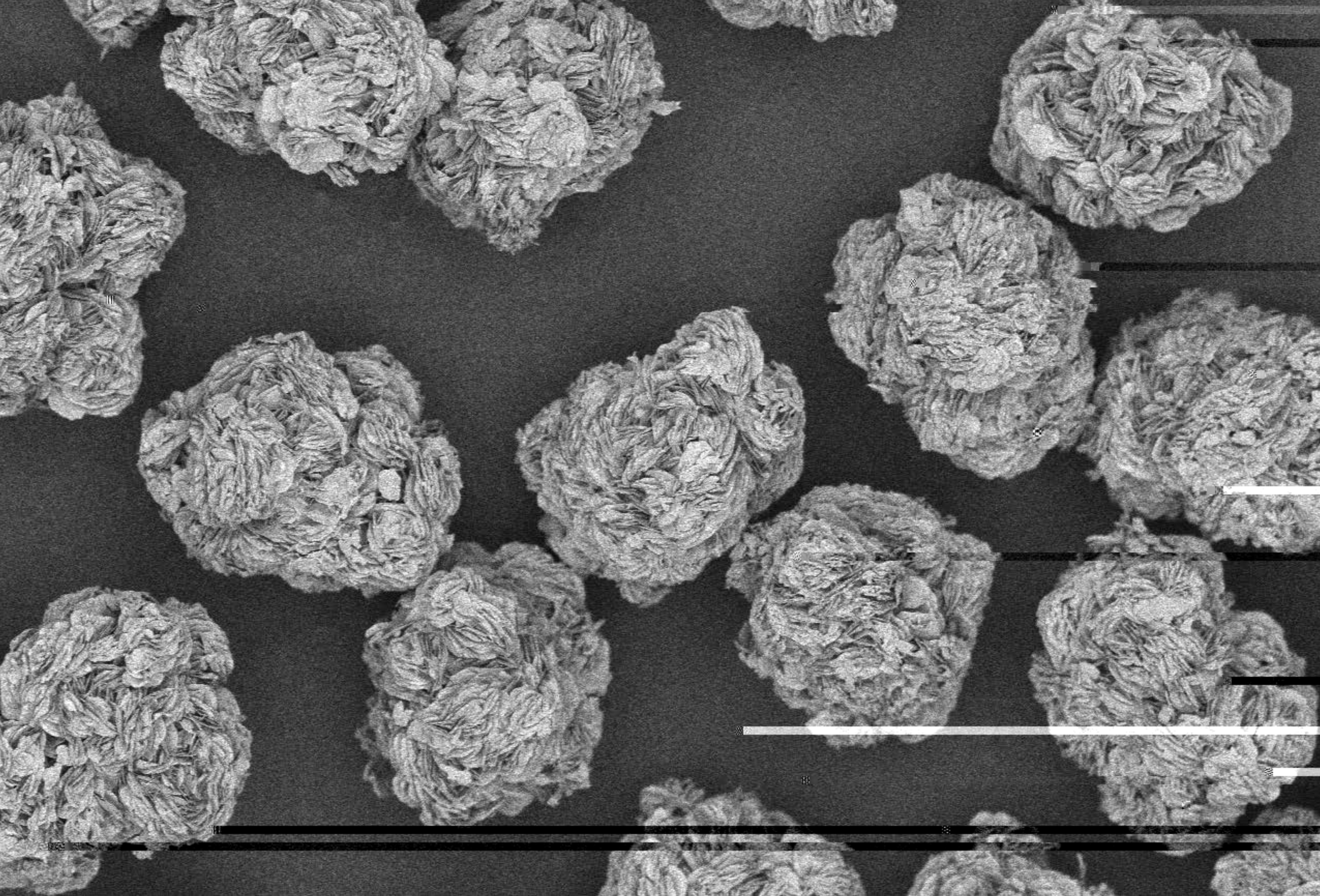
3

	EHS	EHS	
2022	EHS		2022 ESG
2023	EHS		
	EHS		
2024			
	EHS		
2025		EHS	
2030			

	EHS		EHS
	EHS		
	EHS		







2023

97%

3,000

/

1

/

95%-

5

3

15

23

23

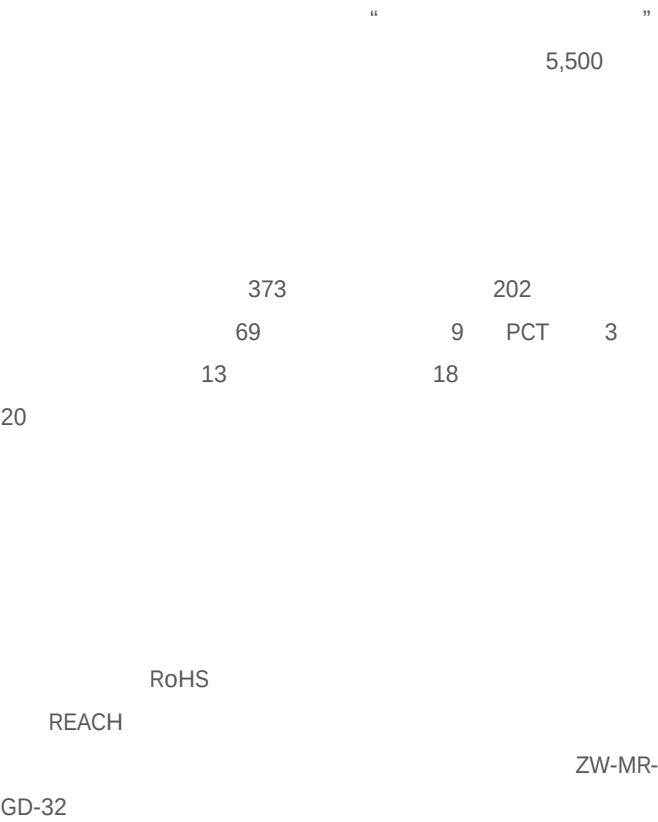
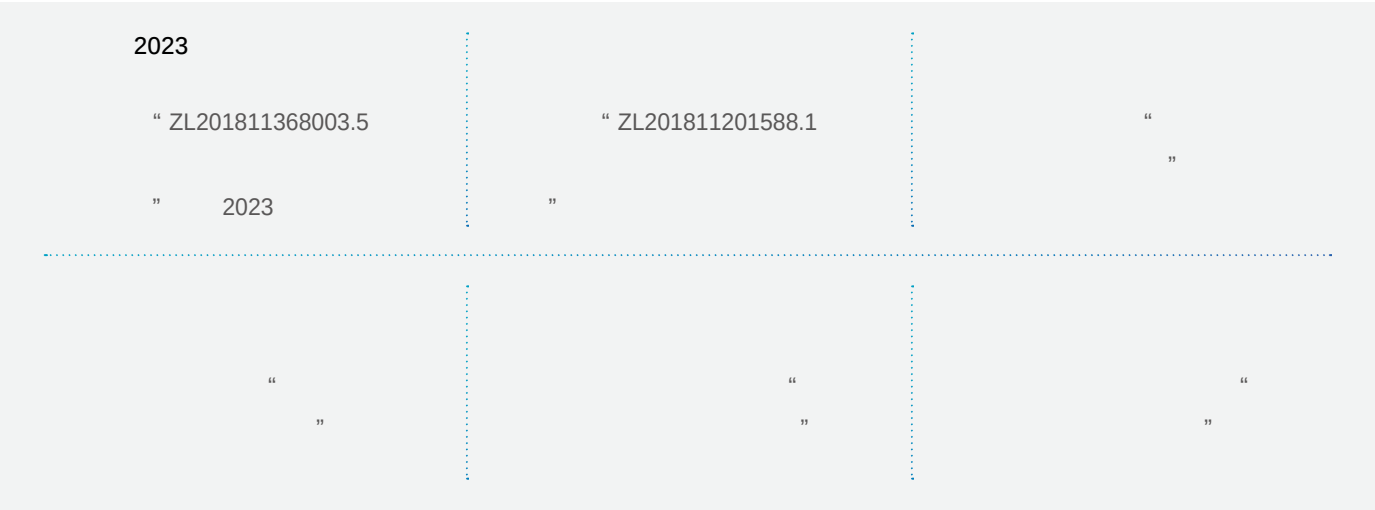
5

3

15



4%-6% 50%-55% 15%-25%
97% 95%



2022	ESG	2022 ESG
2023	ESG RMAP ESG	
2024	2 ESG CDP	
2025	CDP ESG	
2030		
	2023 11	RCS Global 4 2023
		A 2023
	2023 12	A 2023
KYS	Know Your Supplier	





			*	
			RMI RMAP	
			RMI RMAP	
			RMI RMAP	
			RMI RMAP	
			RMI RMAP	
			RCI DD*	
-			RCI DD*	
-			RMI RMAP&ESG	
			RMI RMAP&ESG	
-NNI			RMI RMAP&ESG	

* RCI DD:	CCCMC)			
			ESG	
	EHS		2023	
38	46	100%		

		2021	2022	2023
		-	37	84
ESG		7	9	12
ESG		-	9	61
ESG		2	0	0
		-	-	4
RMI	/	12	16	22
		-	-	3

	ESG	68%	7	8
		4		
	2024			
			CDP	
2023				
	22	15		

05

求实自律

SDGs



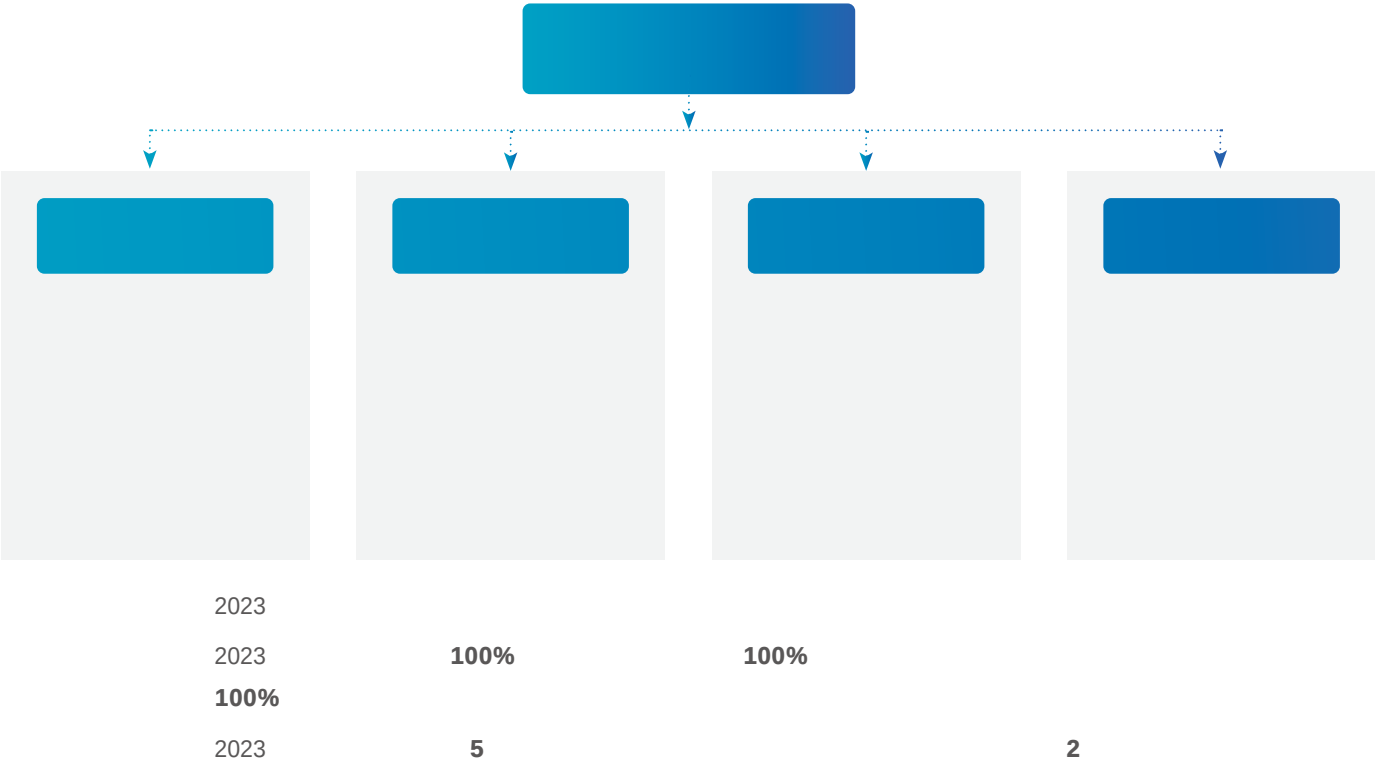


2022		
2023		ISO 37301
2024	ESG KPI	
2025	ESG KPI	ISO 27001
2030		

OECD
UNGC

ILO

2023



2023

5

cngrCSR@cngrgf.com.cn

jubao@cngrgf.com.cn jubaojj@cngrgf.com.cn

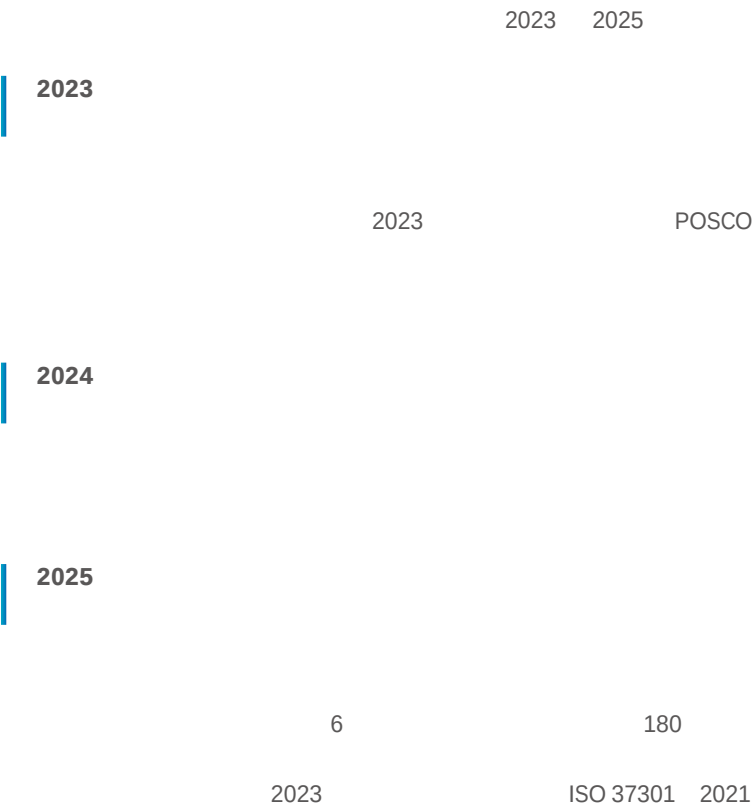
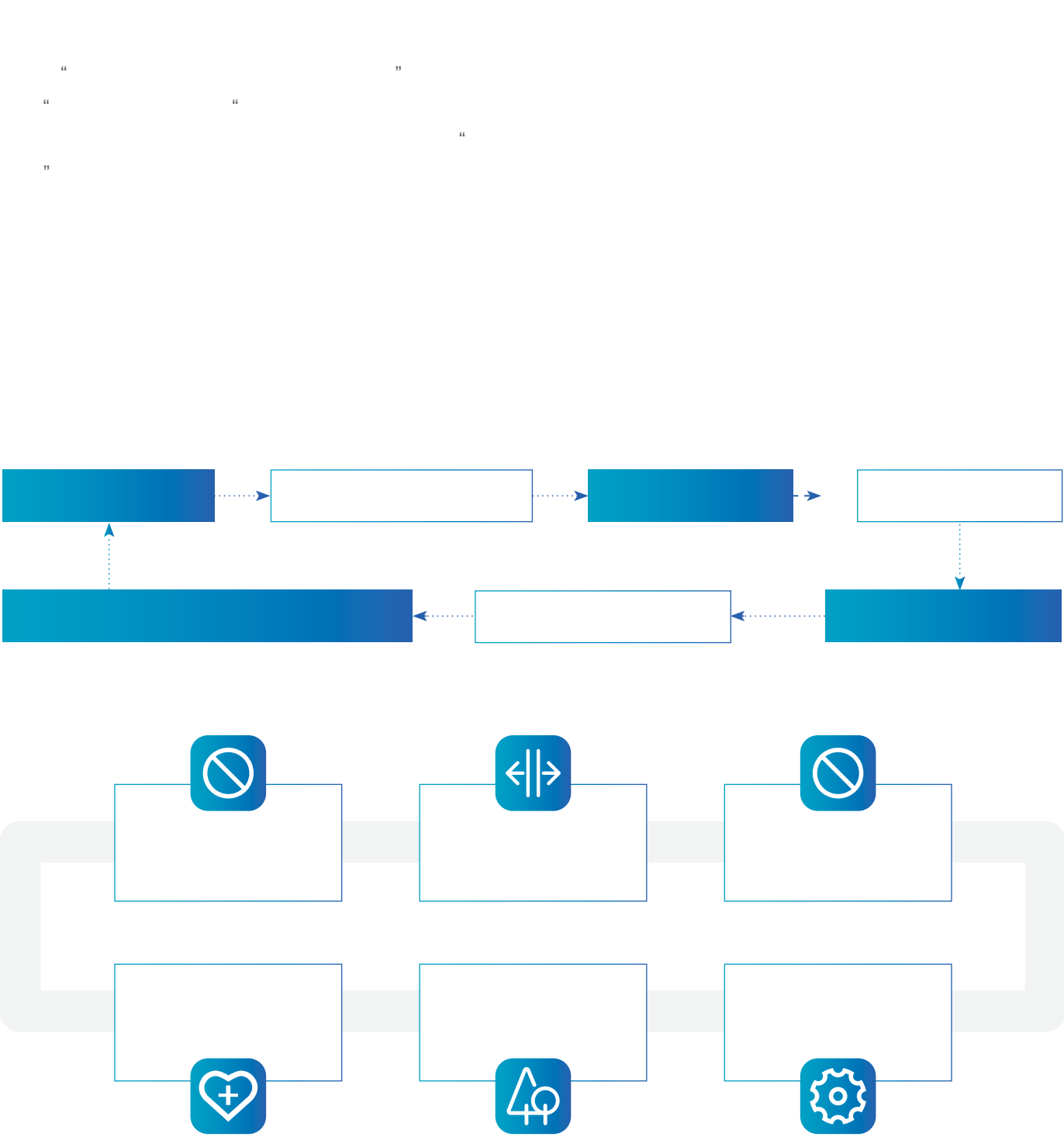
+86 193 7516 6553 +62 812 9309 3607

B 16

410600

Noble House 37th floor, Mega Kuningan
2, Jl. Dr. Ide Anak Agung Gde Agung kav. E4.2, rt 5/ rw 2, kuningan,
kuningan tim., setiabudi, Jakarta Selatan 12950, Indonesia
Postcode 12950

WhatsApp

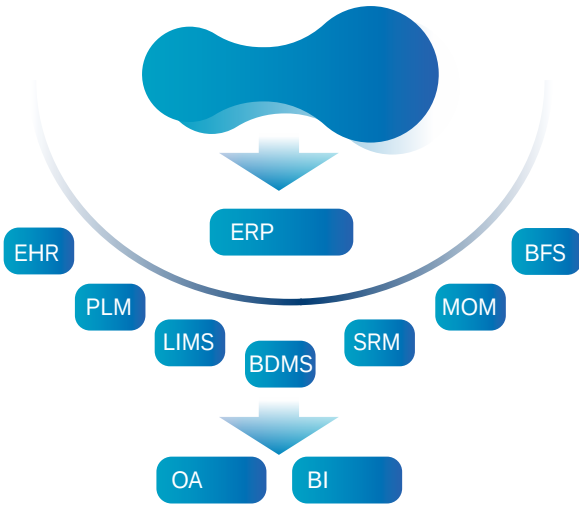


2023

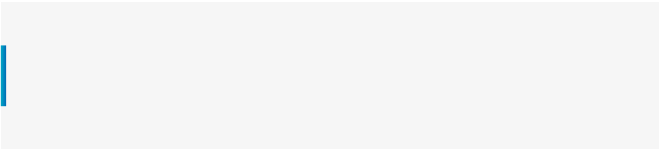
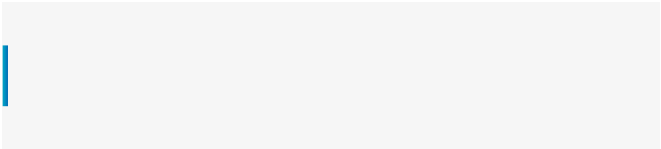
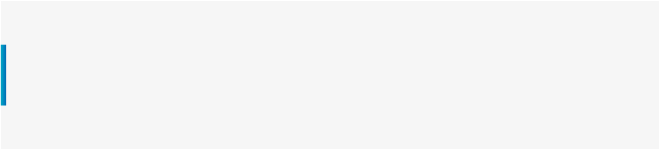
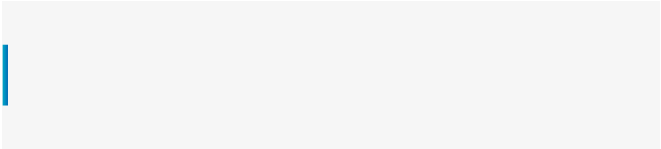
6
180
0

2023

ERP
EHR PLM LIMS BDMS SRM MOM BFS
OA BI



2023



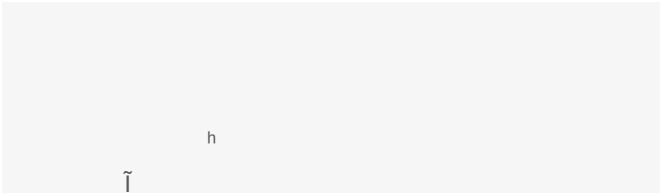
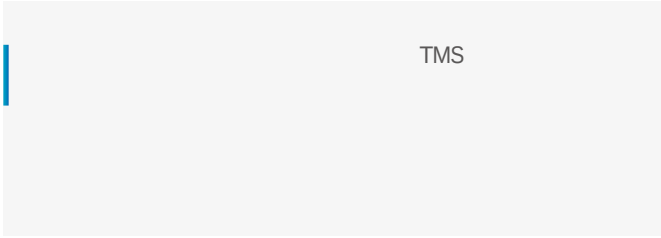
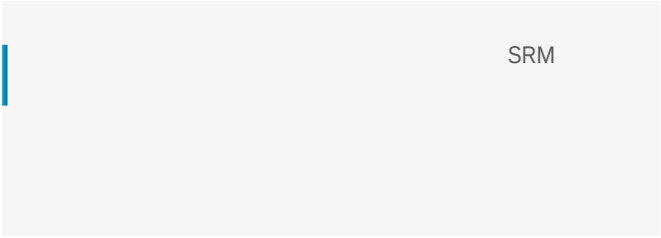
2023

2023

2023

2023





2023

2024

CRM



ESG

ESG		2020	2021	2022	2023
E					
		4,579,050.00	6,706,670.00	172,800.00	31,682,340.00
		-	-	27,884.55	39,294.81
		29,593.46	66,503.80	232,450.04	374,411.52
		2,569,399	10,670,533.00	16,731,579.26	37,848,516.28
		273,348,600.00	556,479,868.00	638,399,919.67	451,416,367.74
		154,506.00	423,830.41	538,090.06	469,945.88
		1,534,449.32	3,247,293.79	4,399,490.39	4,296,554.68
	/	16.01	17.10	18.85	14.96
	CO ₂ e	42,961	72,200	62,370.87	161,120.78
	CO ₂ e	317,911	592,700	529,292.07	402,811.58
	CO ₂ e	2,494,781	4,310,423	3,937,758.32	4,553,325.08
	CO ₂ e	2,855,653	4,975,323	4,529,421.27	5,117,257.44
	CO ₂ e/	3.77	3.50	2.54	1.96
	CO ₂ e/	26.04	22.71	16.87	15.85
CO ₂	CO ₂ e	-	-	4,528,755.25	5,115,268.23
CH ₄	CO ₂ e	-	-	569.36	639.33
N ₂ O	CO ₂ e	-	-	96.66	488.49
SF ₆	CO ₂ e	-	-	0.00	0.00
NF ₃	CO ₂ e	-	-	0.00	0.00
PFC _s	CO ₂ e	-	-	0.00	0.31
HFC _s	CO ₂ e	-	-	0.00	861.07
		417.40	678.37	1,291.32	2,821.58
		0.00	0.00	0.00	0.00
		2,277.95	3,514.56	2,415.89	1,736.98
		2,695.35	4,192.93	3,707.22	4,558.56
		-	-	4,460.58	6,997.25
	%	-	-	54.61	60.55
		0.00	0.00	469.43	1,302.81

ESG		2020	2021	2022	2023
		1,377.74	2,710.04	1,837.85	1,476.67
		1,377.74	2,710.04	2,307.27	2,779.48
		1,317.61	1,482.89	1,399.94	1,740.97
COD		-	-	41.69	46.67
	/	-	7.81	6.00	6.19
	/	-	73.88	46.14	51.91
		-	-	0	0
		-	-	0	0
	%	-	-	100%	100%
		-	-	0	0
		5,859.25	14,550.31	32,924.76	74,117.62
		1,550.17	726.21	1,738.74	2,785.89
		4,309.08	13,824.10	31,186.02	71,331.74
		5,485.19	14,333.56	714.71	17,441.20
		976.56	986.33	80.61	233.26
		4,508.62	13,347.23	634.10	17,207.94
		-	-	31,044.90	49,818.24
		-	-	1,640.25	2,529.27
		-	-	29,404.65	47,288.98
	/	-	-	0.01	0.01
	/	-	-	0.13	0.17
SO _x		-	-	841.21	33,246.20
NO _x		-	-	15,845.71	69,798.74
PM		-	-	13,732.58	61,376.72
POP		-	-	0.00	0.00
VOC		-	-	2,192.91	4,354.26
HAP		-	-	387.78	1,494.10
S					

ESG		2020	2021	2022	2023
	%	-	100%	100%	100%
		-	-	0	0
		-	-	0	0
		-	-	10,386	13,791
		-	-	246	263
		-	-	10,140	13,528
		-	-	7,639	10,530
		-	-	2,747	3,261
30		-	-	4,027	6,378
30 50		-	-	6,029	7,005
50		-	-	330	408
		-	-	736	2,667
1		-	-	490	646
		-	-	431	565
		-	-	59	81
		-	-	10	15
30		-	-	30	61
30 50		-	-	413	522
50		-	-	47	63
2		-	-	7,303	8,611
		-	-	5,693	7,011
		-	-	1,610	1,600
30		-	-	3,312	5,206
30 50		-	-	3,894	3,338
50		-	-	97	67
3	%	-	-	-	62.44%
		-	-	3,470	5,126
		-	-	2,746	4,063

ESG		2020	2021	2022	2023
		-	-	724	1,063
30		-	-	1,608	2,841
30-50		-	-	1,820	2,203
50		-	-	42	82
4	%	-	-	-	27.10%
5					
		-	-	-	499
		-	-	-	660
		-	-	-	407
		-	-	-	313
		-	-	-	1,849
		-	543	1,562	1,780
		-	-	1,536	3,455
	%	-	100%	100%	100%
		-	41,611	215,815	399,952
		-	14,328	157,357	389,258
		-	10.12	20.78	29.00
	-				
		-	10.34	18.84	44.13
		-	10.80	41.15	49.97
		-	-	25.49	52.26
		-	-	33.28	35.17
	%	-	87.20	81.79	83.89
		-	-	903	1,478
	%	-	-	-	2,982
	%	-	-	-	1,673

ESG		2020	2021	2022	2023
		-	-	4,326.03	5,326.96
		-	41	82	59
		-	0	0	0
		-	0	0	0
		-	0	0	0
(20)	%	-	0.72	0.89	0.53
		-	0	0	0
		-	-	-	20.54
-		-	-	40	69
-		-	-	14	9
-PCT		-	-	3	3
-		-	60	70	13
-		-	62	75	18
		-	7	20	20
		-	5	1	0
		-	-	18	23
		-	-	4	5
		-	-	5	3
		-	-	9	15
RoHS/REACH	%	-	-	-	43
	%	-	-	0.18	0.17
		-	-	85	68
-		-	-	85	68
-		-	-	0	0
	%	-	-	100	100
		-	-	-	48
		83.50	91.30	91.47	94.71
		-	-	37	84
ESG		-	7	9	12

ESG		2020	2021	2022	2023
ESG		-	-	9	61
ESG		-	2	0	0
		-	-	-	4
RMI /		-	12	16	22
		-	-	-	3
		-	-	1,314	1,346
		-	-	875	1,273
		-	-	110.00	129.50
		-	-	68.00	153.00
		-	-	178.00	286.46
G					
		-	-	-	5
		-	-	-	2
		-	-	-	2
		-	-	100%	100%
		-	-	100%	100%
		-	-	100%	100%
		-	-	100%	100%
		-	-	4	0
		-	-	6	6
		-	-	-	0
		-	-	-	0
		-	-	1	0
		-	-	0	0
		-	-	0	0



TÜV
“ ” “ ”
“ ”
(TÜV SÜD)
TÜV SÜD 2023 ESG
TÜV SÜD

ID: 109150 Revision: 1 - released Effective: 25 Aug 2023

GRI

GRI 1 GRI 1: 2021
GRI 2023 1 1 2023 12 31 GRI

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

GRI				
	GRI 2-29			
	GRI 2-30			
2021	GRI 3-1			
	GRI 3-2			
	GRI 3-3			
2016	GRI 3-3			
	201-1			
	201-2			
	201-3			
	201-4			
2016	GRI 3-3			
	202-1			
	202-2			
2016	GRI 3-3			
	203-1			
	203-2			
2016	GRI 3-3			
	204-1			
2016	GRI 3-3			
	205-1			
	205-2			
	205-3			
2016	GRI 3-3			
	206-1			
2019	GRI 3-3			
	207-2			
	207-3			
	207-4			

GRI				
2016	GRI 3-3			
	301-1			
	301-2			
	301-3			
2016	GRI 3-3			
	302-1			
	302-2			
	302-3			
	302-4			
2018	GRI 3-3			
	303-1			
	303-2			
	303-3			
	303-4			
	303-5			
2016	GRI 3-3			
	304-1			
	304-2			
	304-3			
	304-4	IUCN		IUCN
2016	GRI 3-3			
	305-1			
	305-2			
	305-3			
	305-4			
	305-5			
	305-6	ODS		
	305-7	NO _x	SO _x	

GRI				
2020	GRI 3-3			
	306-1			
	306-2			
	306-3			
	306-4			
	306-5			
2016	GRI 3-3			
	308-1			
	308-2			
2016	GRI 3-3			
	401-1			
	401-2			
	401-3			
2016	GRI 3-3			
	402-1			
2018	GRI 3-3			
	403-1			
	403-2			
	403-3			
	403-4			
	403-5			
	403-6			
	403-7			
	403-8			
	403-9			
2016	GRI 3-3			
	404-1			
	404-2			
	404-3			
2016	GRI 3-3			
	405-1			
2016	GRI 3-3			
	406-1			

GRI				
2016	GRI 3-3			
	407-1			
2016	GRI 3-3			
	408-1			
2016	GRI 3-3			
	409-1			
2016	GRI 3-3			
	410-1			
2016	GRI 3-3			
	411-1			
2016	GRI 3-3			
	413-1			
	413-2			
2016	GRI 3-3			
	414-1			
	414-2			
2016	GRI 3-3			
	415-1			
2016	GRI 3-3			
	416-1			
	416-2			
2016	GRI 3-3			
	417-1			
	417-2			
	417-3			
2016	GRI 3-3			
	418-1			

SASB

	SASB Code			/
			t CO ₂ e	161,120.78
	RT-CH-110a.1		%	NA
	RT-CH-110a.2		NA	“ ”
	RT-CH-120a.1		t	69.79
			t	33.25
		(VOCs)	t	4.35
		HAPs	t	1.49
	RT-CH-130a.1		GJ	4,296,554.68
			%	
			%	
	RT-CH-140a.1		GJ	
			(m³)	4,558.56
			(m³)	1,740.97
			%	NA
	RT-CH-140a.2		%	NA
				0
			NA	“ ”
	RT-CH-150a.1		t	2,785.89
			%	8.30
	RT-CH-210a.1		NA	NA
	RT-CH-320a.1	TRIR	%	0.53
			%	0
			%	0
	RT-CH-320a.2	()	NA	“ ”
	RT-CH-410a.1			NA
	RT-CH-410b.1	(GHS) 1 2	%	NA
			%	NA
	RT-CH-410b.2		NA	“ ”

	SASB Code			/
	RT-CH-410c.1	(GMOs)	%	NA
	RT-CH-530a.1		NA	" "
		PSIC		NA
	RT-CH-540a.1	PSTIR	%	NA
		PSISR	%	NA
	RT-CH-540a.2			0
	RT-CH-000.A	¹	t	287,273.84

¹ :

TCFD

TCFD		
	a	" "
	b	" "
	a	" "
	b	" "
	c	2 C NA
	a	" "
	b	" "
	c	" "
	a	" "
	b	" "
	c	" "

2023 2 —

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