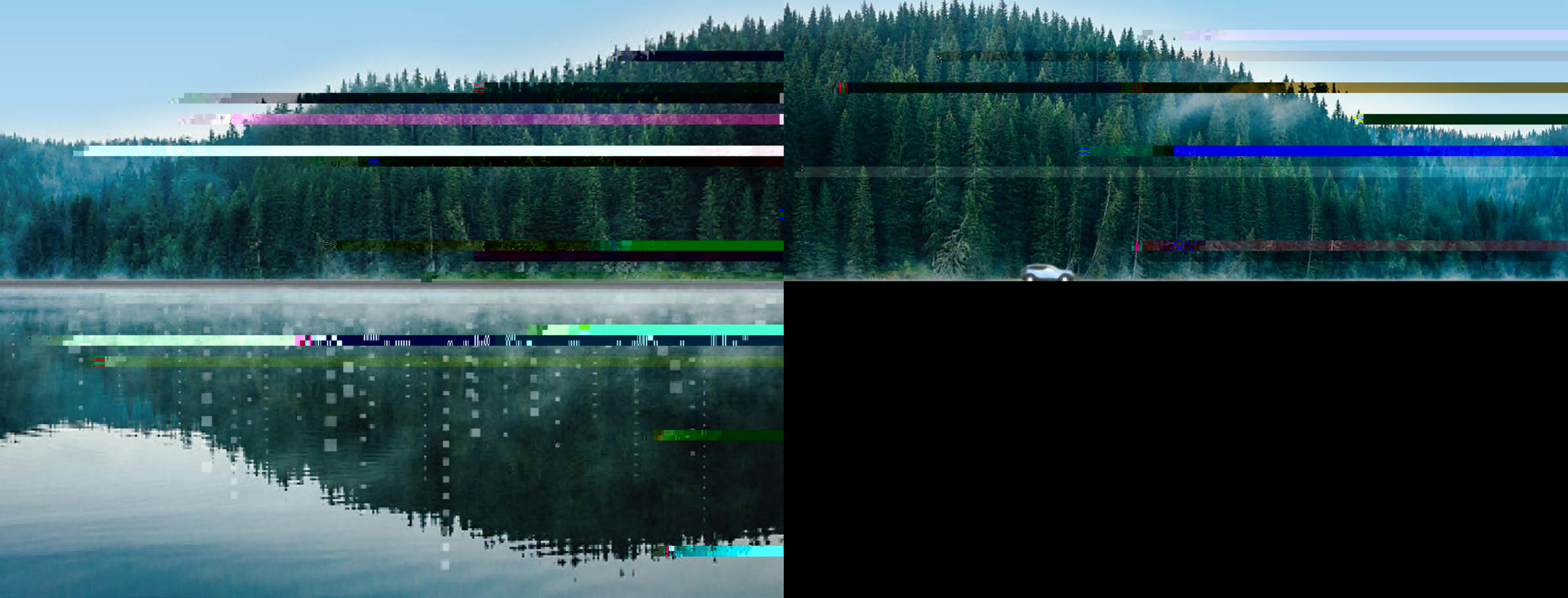


# 2023

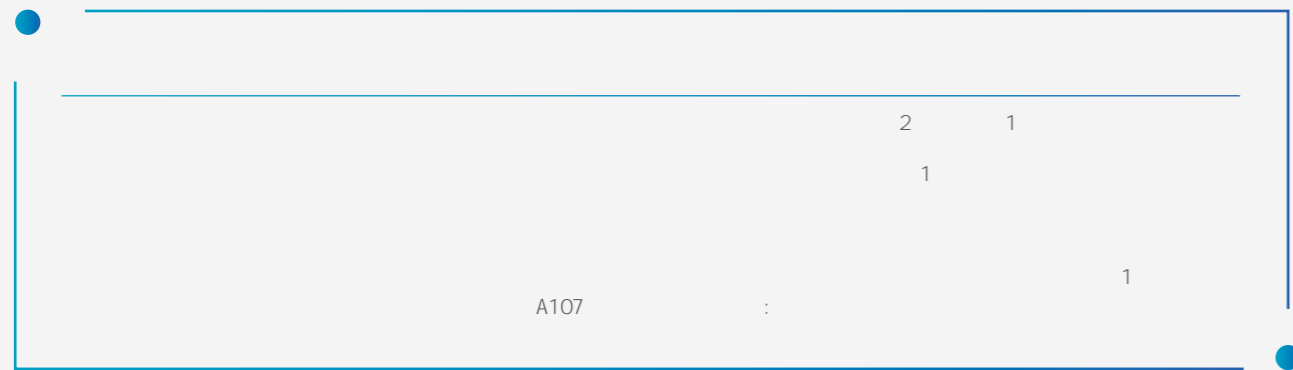
## ESG

2023 Environmental, Social, and Governance Report





ESG



2023 1 1 2023 12 31



Standards

2030	GSSB	GRI UN SDGs	GRI Standards UNGC	2021
	TCFD	SASB	SASB	



TμV AA1000 v3 AA1000AS v3



2024 4 23 2025 3



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



+86 856 3238558



2 1



[cngrCSR@cnrgf.com.cn](mailto:cngrCSR@cnrgf.com.cn)



2023 2024

13,000

2023

“ ”

“ ”

+

3,000

POSCO AL MADA

Cronimet

•@ H H U - - - +A

# CONTENTS

04	01	0			
06	2023	13	" "	24	41
	2023 ESG	20		28	48
		21		33	53
				34	
56		82	ESG	92	
65				98	
74				100	

# 01

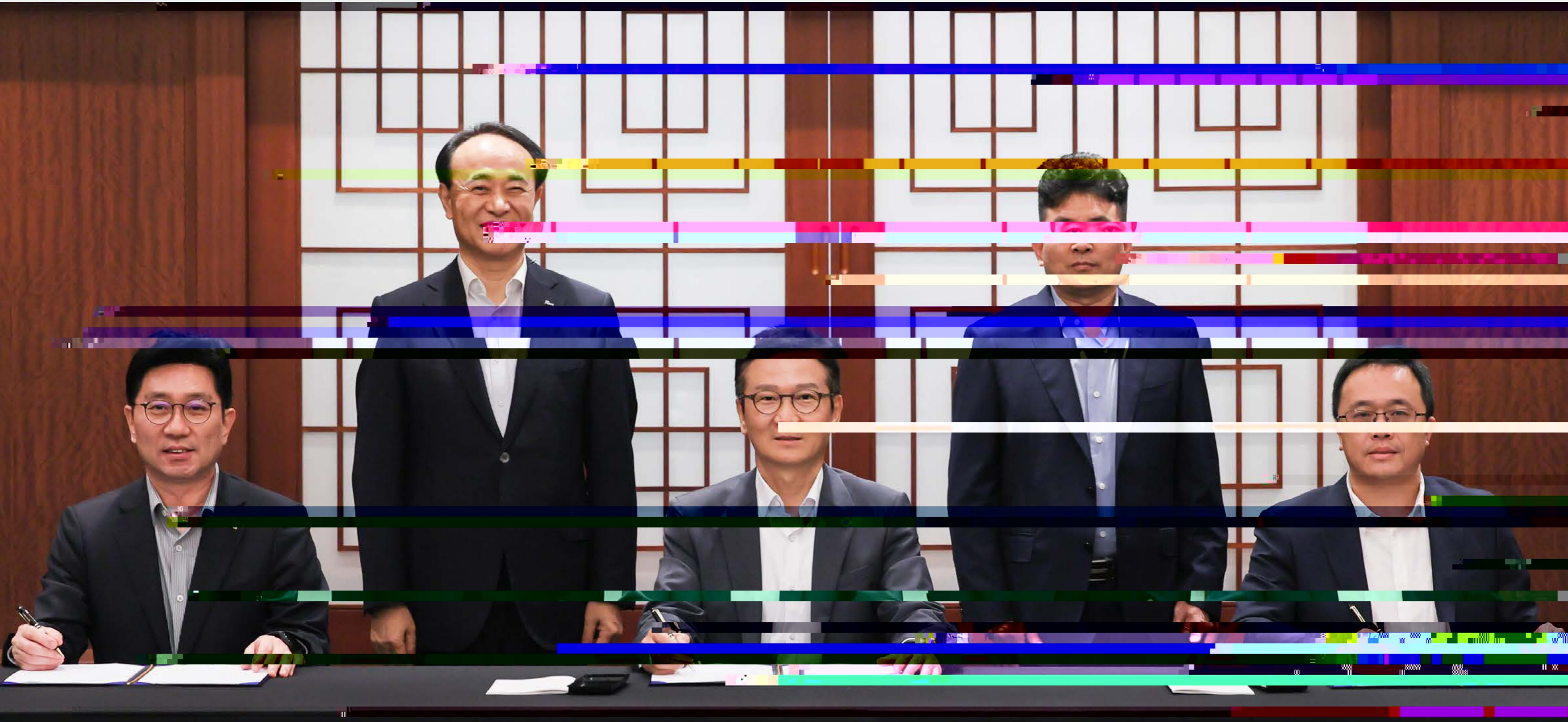
2023

2023 ESG

SDGs









Hassan Ouriagli AL MADA



# 2023

# 2023 ESG

2023	500	2023	500	2023.03	RCI	2023.09	ESG
Fortune Magazine	Fortune Magazine						"ESG China Awards 2023"
2023	500	2023	500	2023.05	UNGC	2023.11	"2023"
					SDGs		"
2023				2023.06	2023	2023.12	ESG
				2023	ESG	—	S&P CSA MSCI ESG
				FTSE ESG		2022	CDP
				2023	C B		

S&P Global 43 MSCI BB

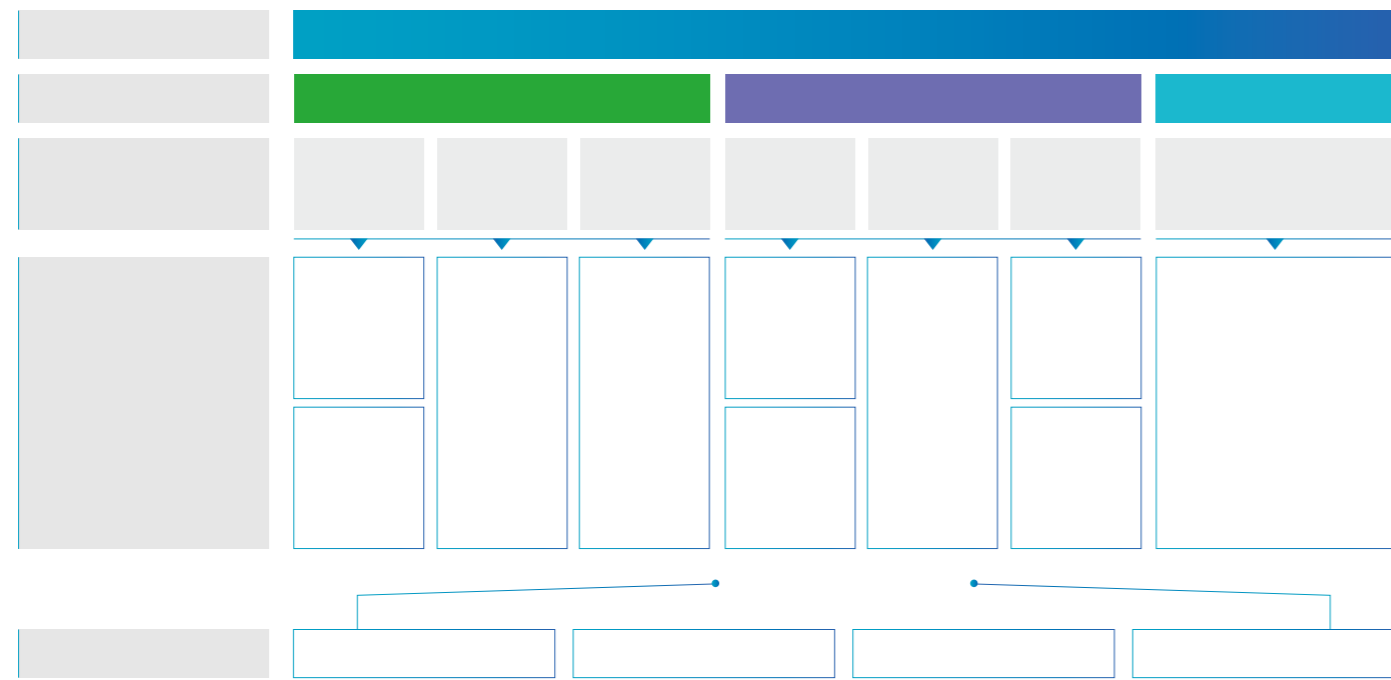
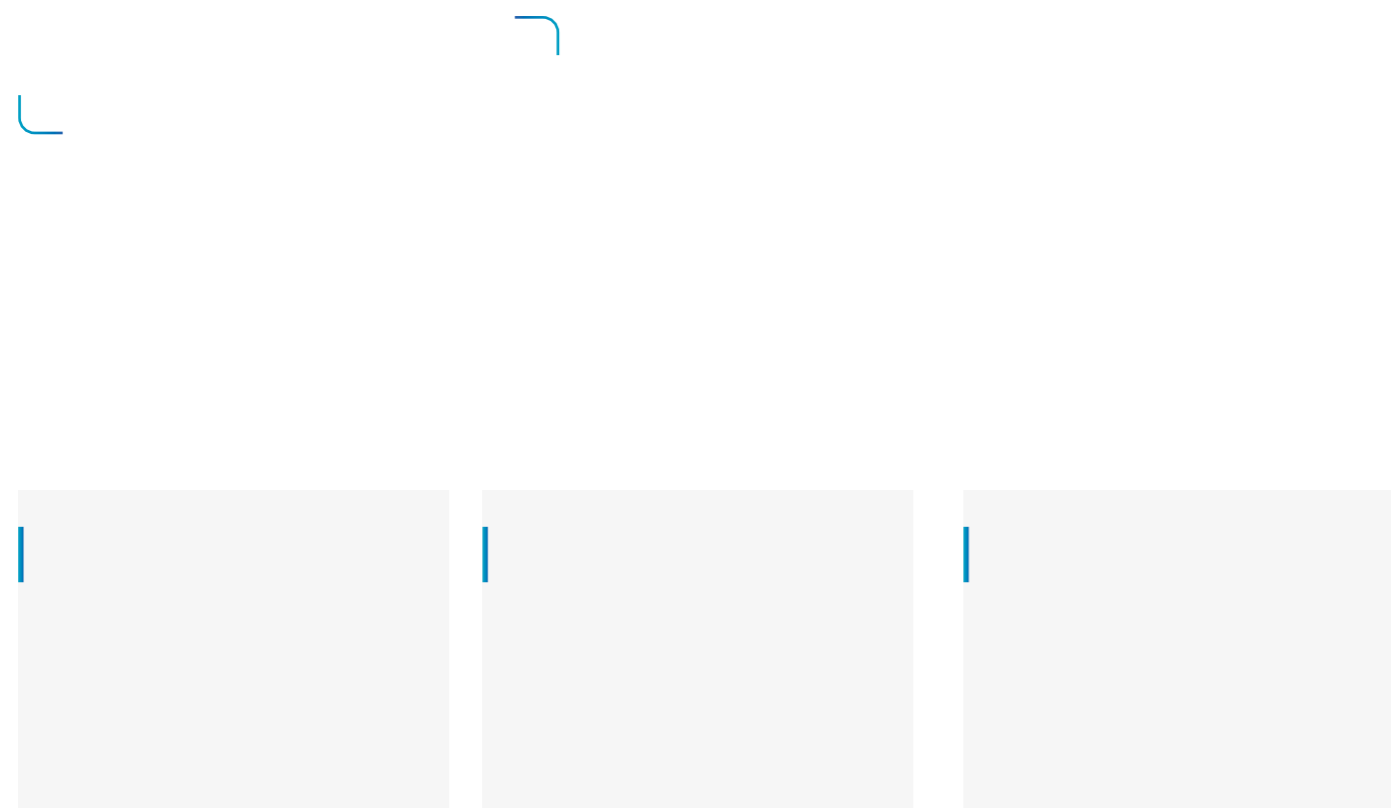
FTSE Russell 3.1 CDP B

02

“ ”

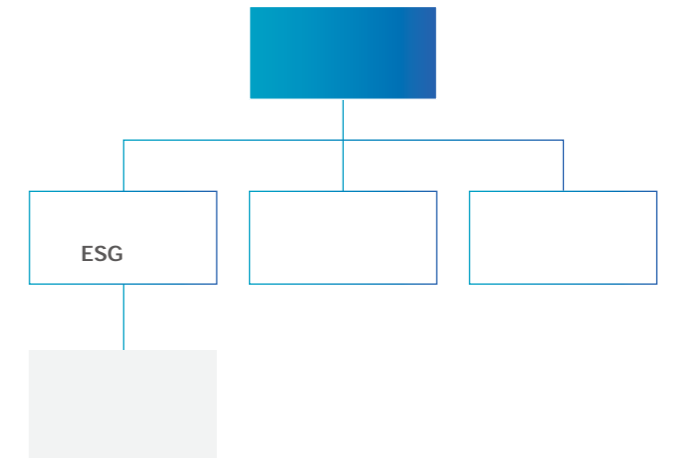






ESG

2023  
EHS

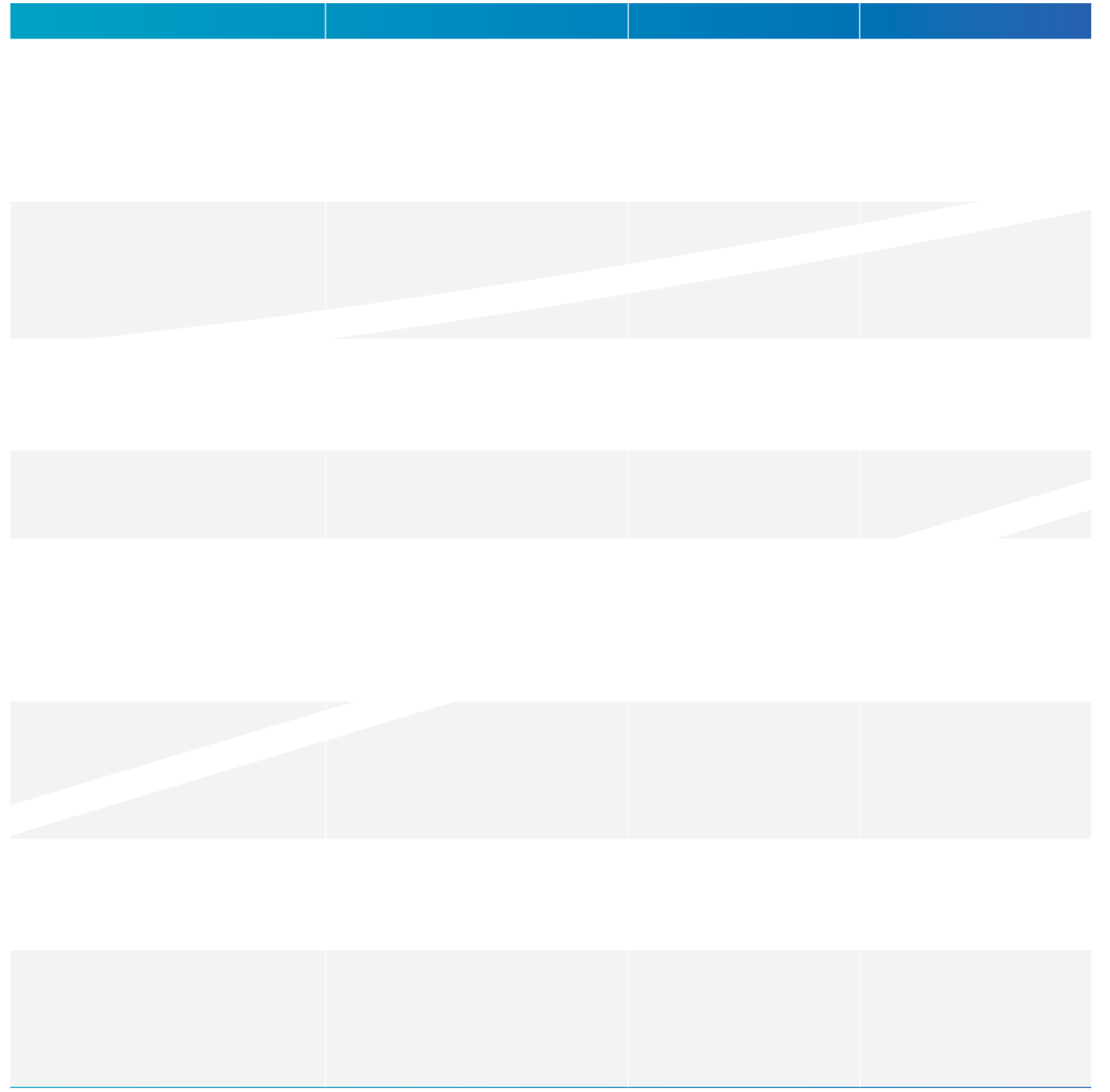


2023

342.73

20.99

GRI 2021 ESG

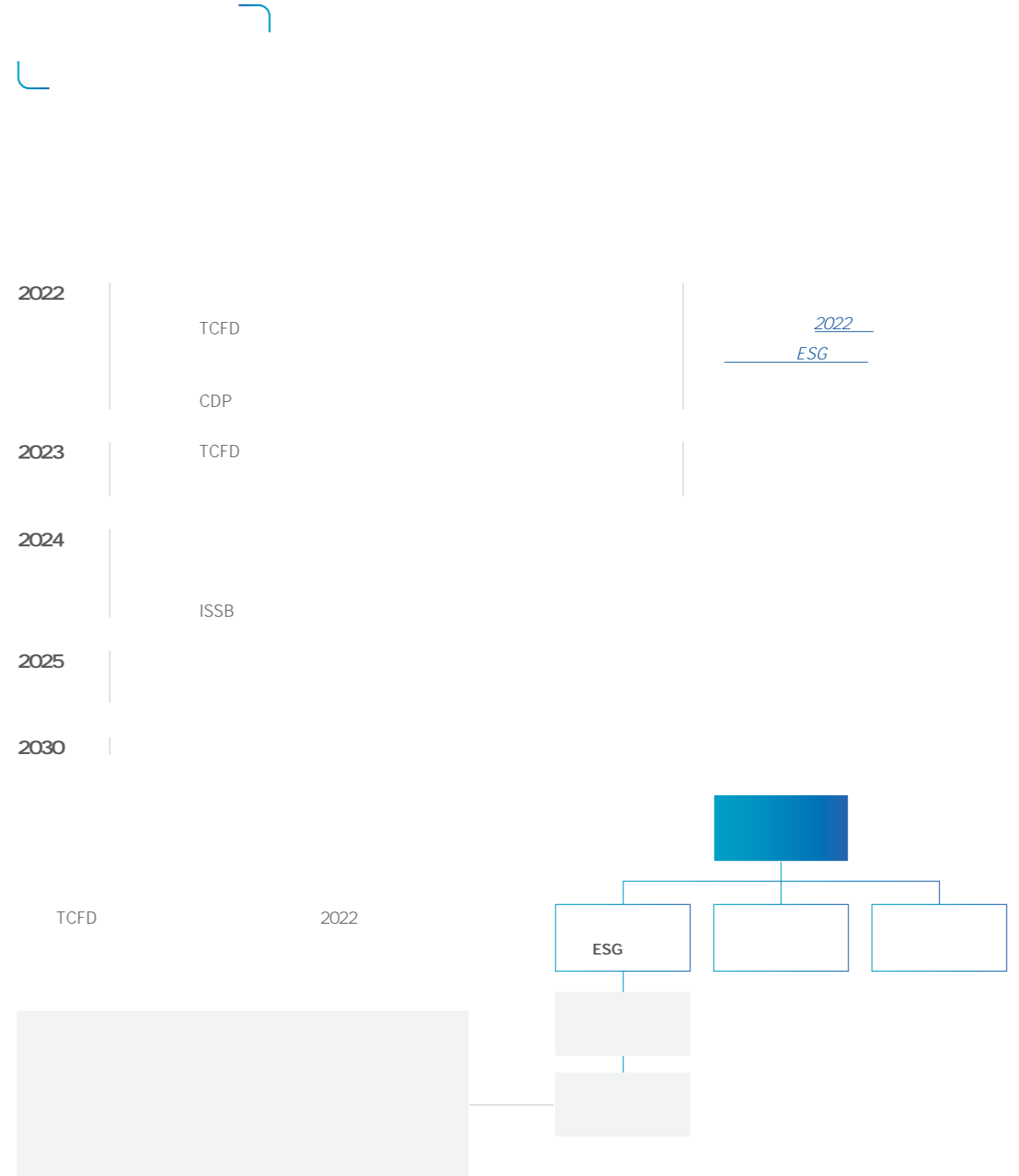


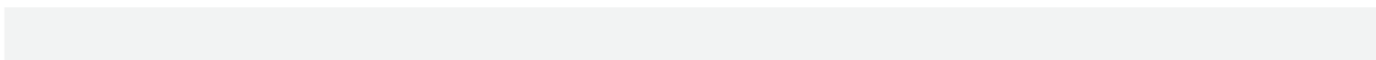
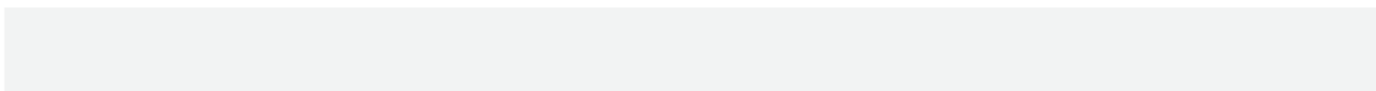






SDGs





2023

17.5MW 2023 9  
474 2024  
36.95MW

4,400

6MW 2024

800

5,000 m<sup>2</sup>

31

2023

59.54%

,P

6.64

55 5

, - \*

° ,23° -

° &

G \*

\*

P

\*



└

└

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

2024

ISO 14001  
200 m<sup>3</sup>  
20%

ISO 14001  
188.34  
100%

1,372.11

2023

SO<sub>2</sub>

400mg/m

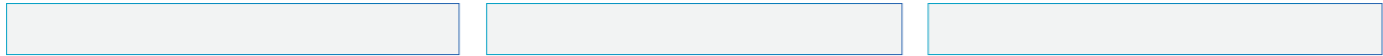
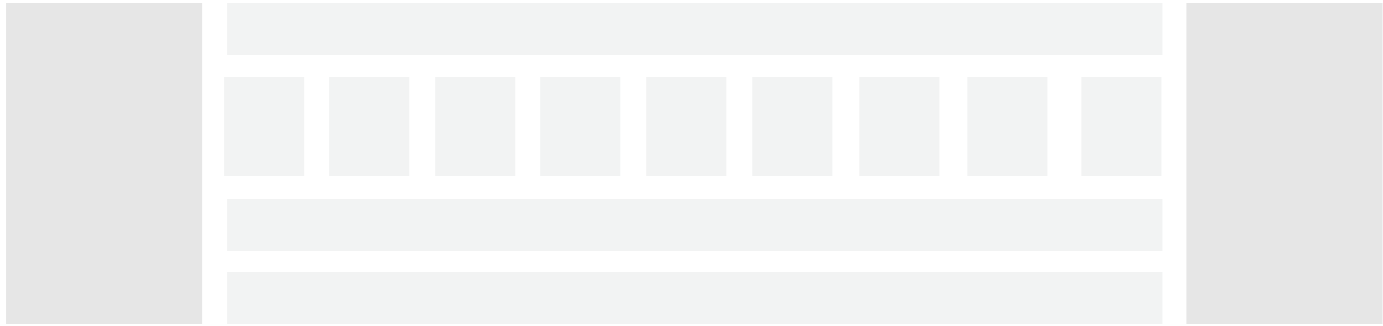
400mg/m

EHS



SDGs

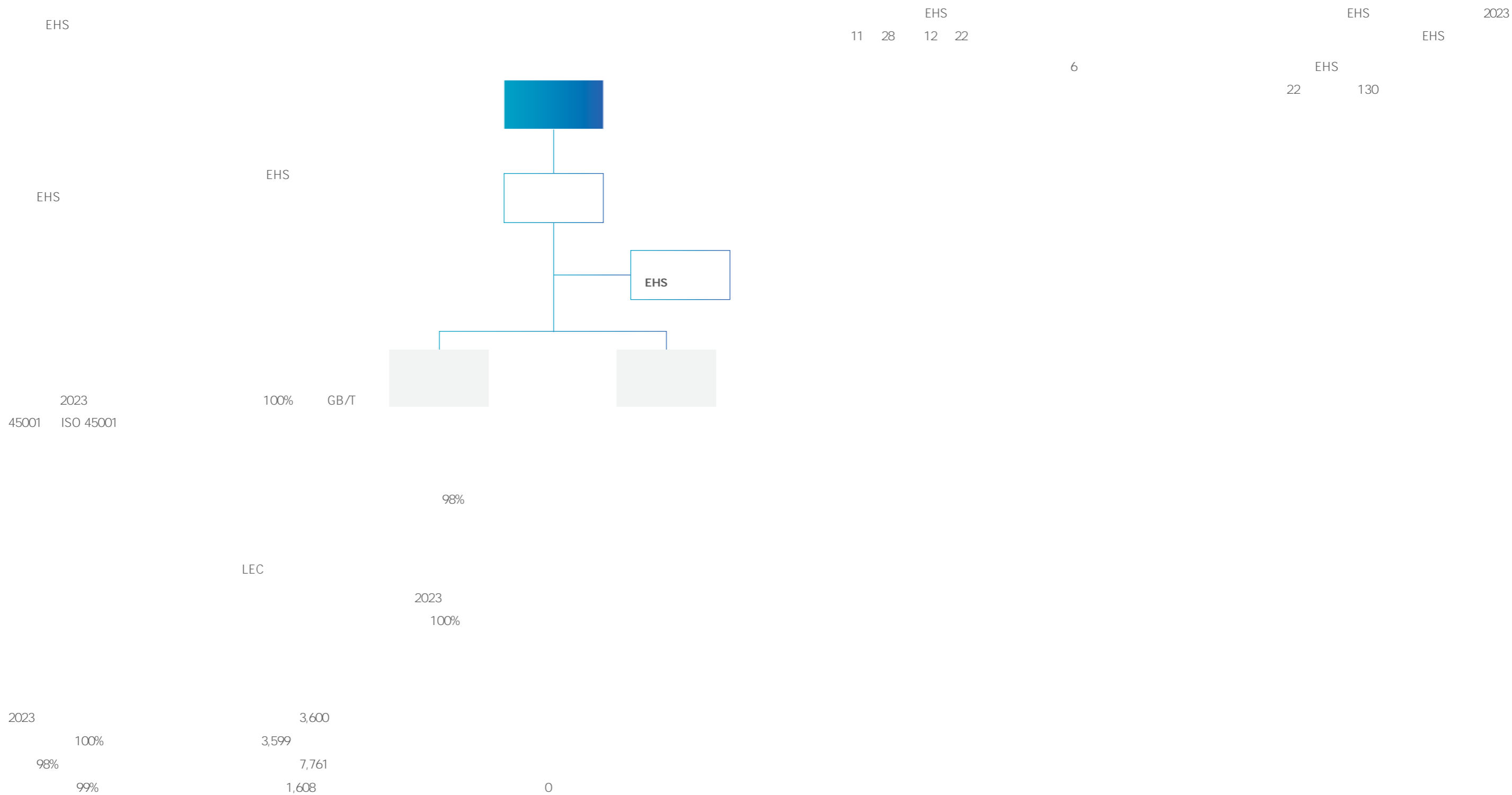


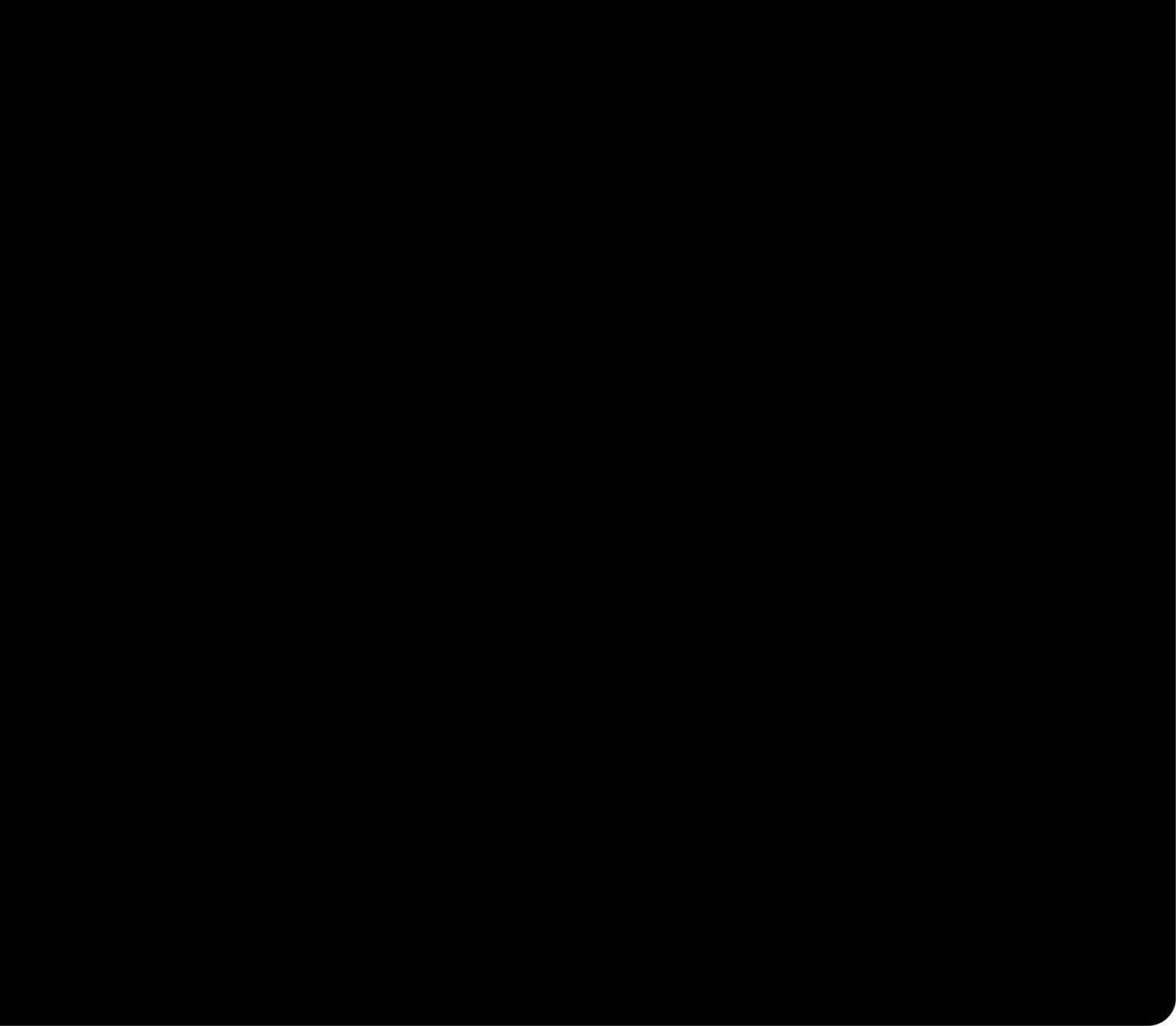
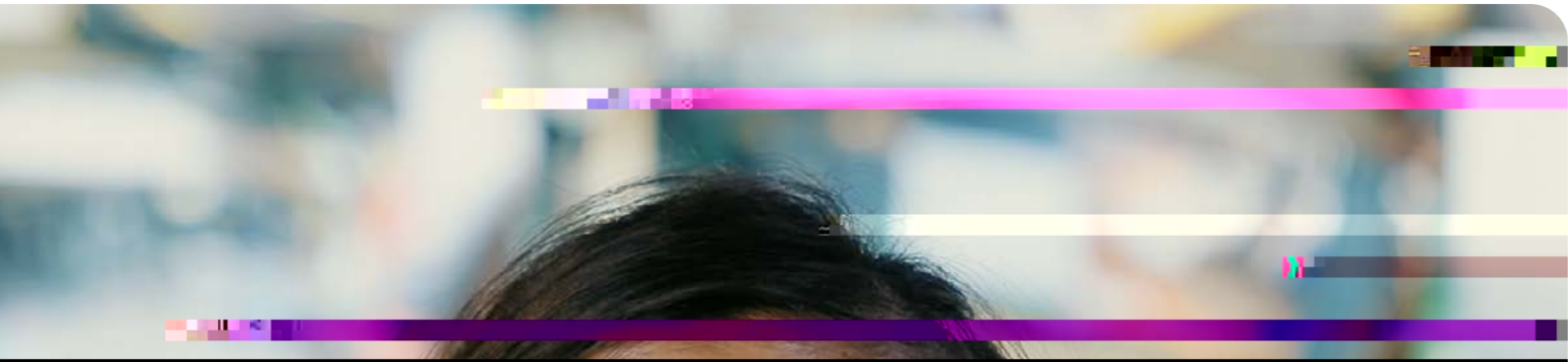


/

		2021	2022	2023
n	-	-		

- 
- 1
  - 2
  - 3





2023

2022

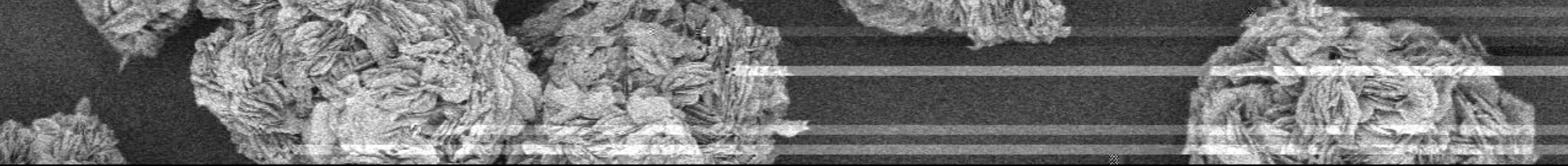
2023

2024

2025

2030

2022 ESG



2023

97%

3,000 /

1 /

95% -

5

3

15

23

Ñ

=

23

---

5

3

15



4% -6%

50% -55%

15% -25%

97%

95%

2023

ZL201811368003.5

ZL201811201588.1

2023



RoHS

REACH

ZW-MR-

GD-32

22

4

20

21

2023

2023

GB/T 29490-2013

7

10





2023

ESG

RMAP



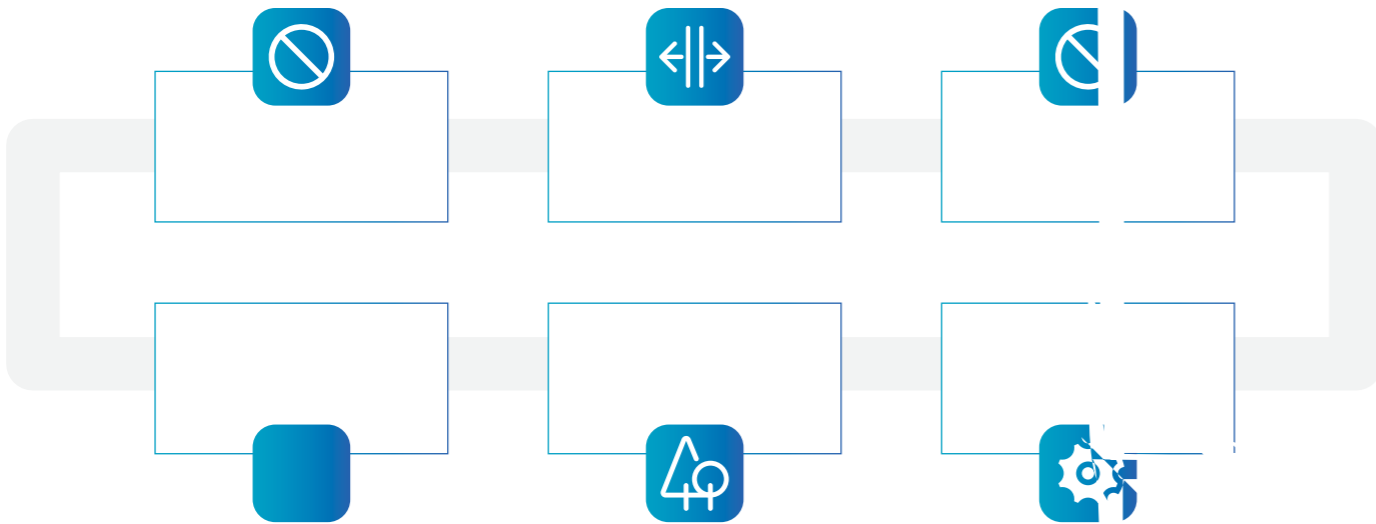
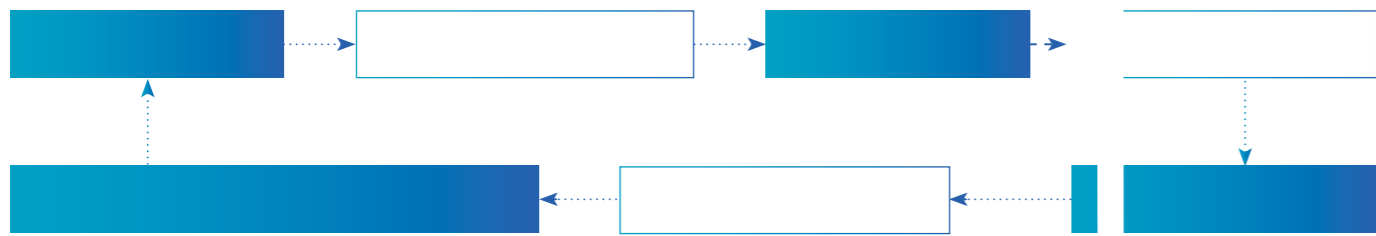


# 05

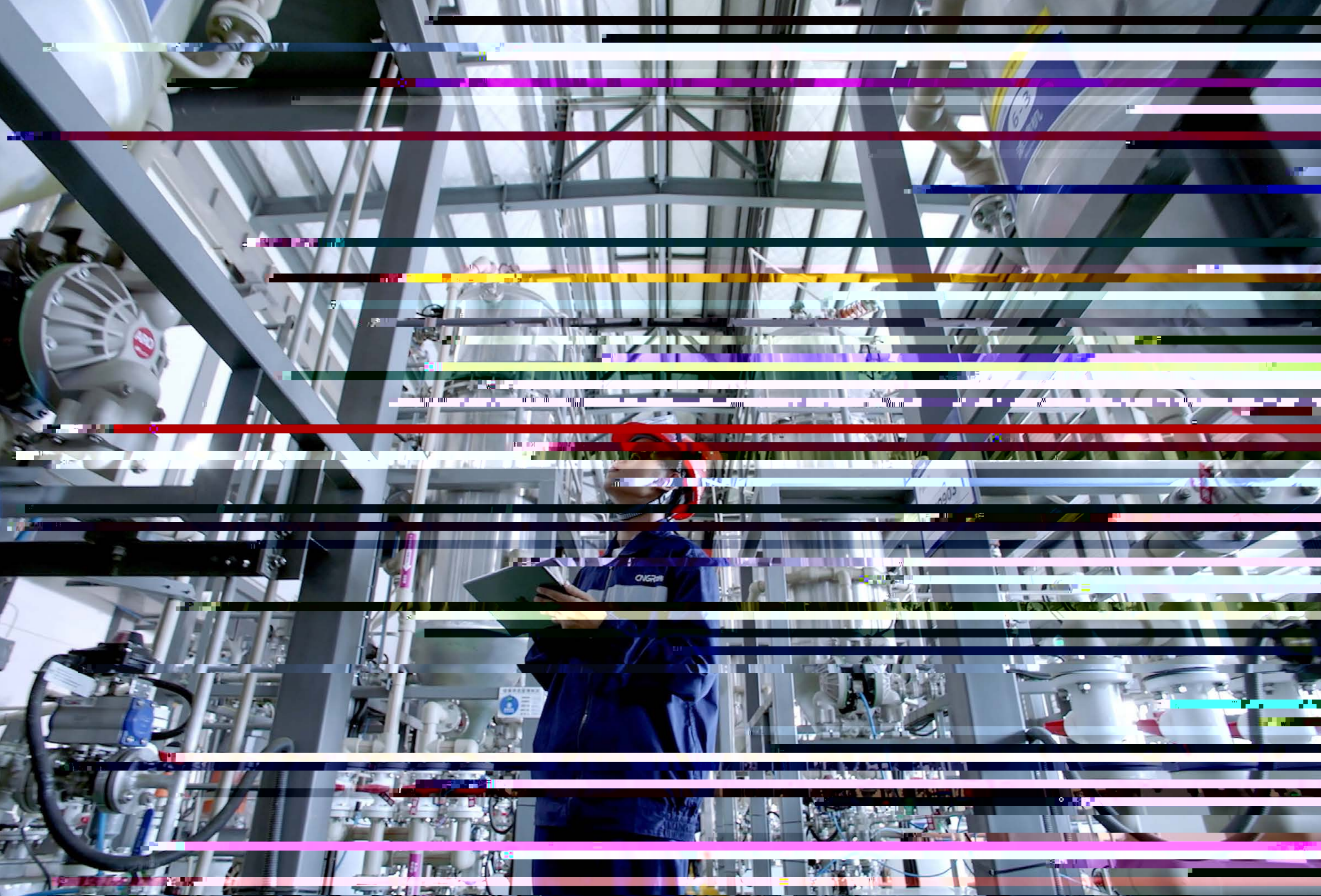
SDGs











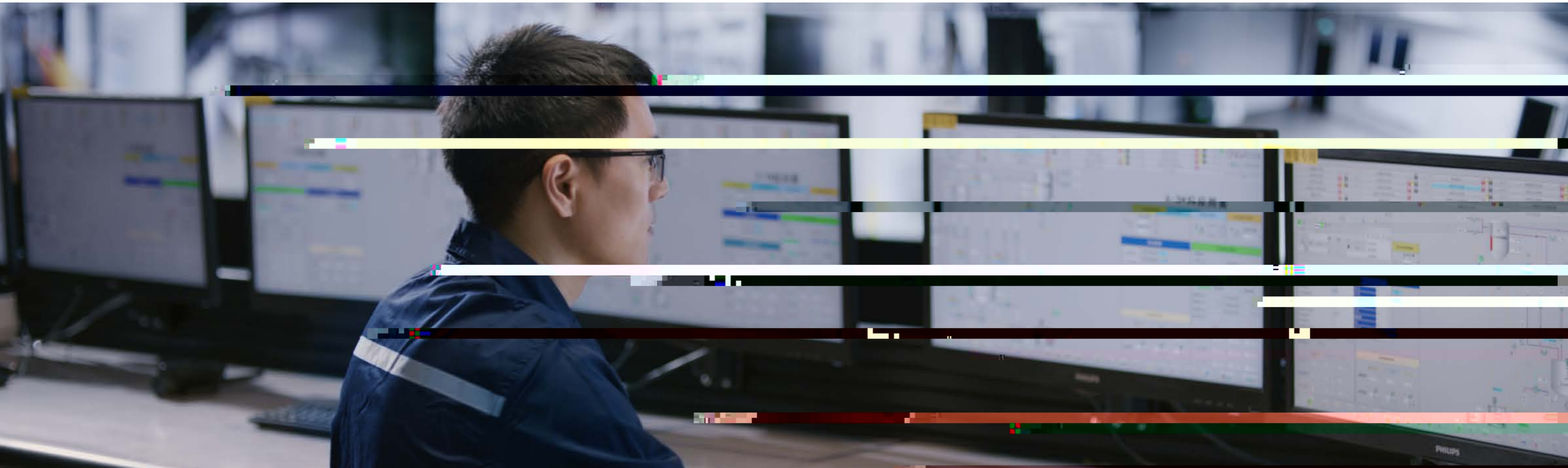
SRM

TMS

2023

2024

CRM





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

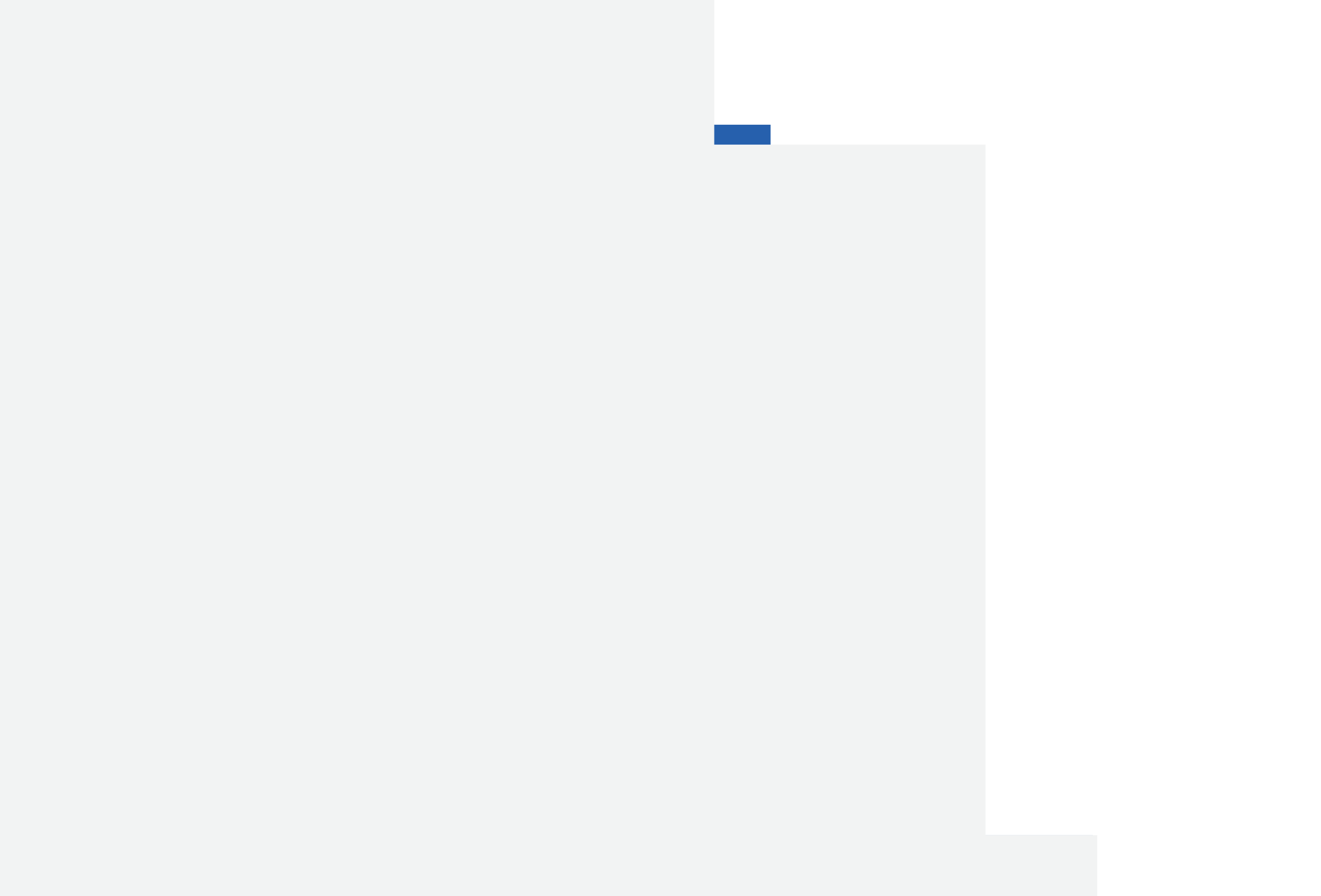
ESG		2020	2021	2022	2023
		-	-	724	1,063
	30	-	-	1,608	2,841
	30-50	-	-	1,820	2,203
	50	-	-	42	82
4	%	-	-	-	27.10%
5					
		-	-	-	499
		-	-	-	660
		-	-	-	407
		-	-	-	313
		-	-	-	1,849
		-	543	1,562	1,780
		-	-	1,536	3,455
	%	-	100%	100%	100%
		-	41,611	215,815	399,952
		-	14,328	157,357	389,258
		-	10.12	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



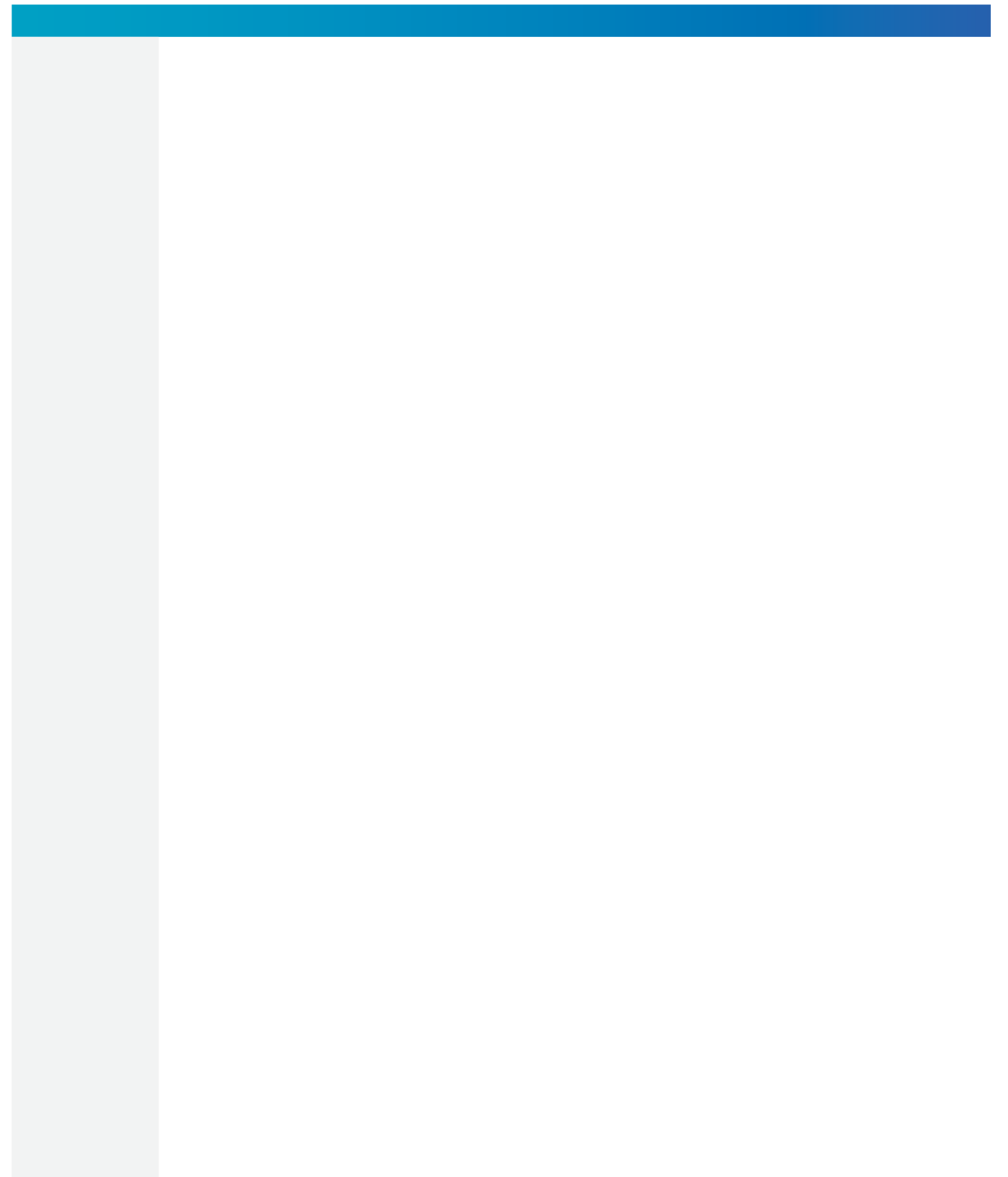


. . . . . ( )

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



GRI					
2016	GRI 3-3				
	301-1				
	301-2				
	301-3				
2016	GRI 3-3				
	302-1				
	302-2				
	302-3				
	302-4				
	302-5				
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 <sub>x</sub>	SO <sub>x</sub>		



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 <sub>2</sub> 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	
			(m <sup>3</sup> )	4,558.56
			(m <sup>3</sup> )	1,740.97
			%	NA
			%	NA
RT-CH-140a.2				0
RT-CH-140a.3			NA	
RT-CH-150a.1			t	2,785.89
RT-CH-210a.1			%	8.30
			NA	NA
			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	%	NA
	2		%	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-000A	<sup>1</sup>	t	287,273.84

## TCFD

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

<sup>1</sup> :



## UNGC


CNGR 中伟 |