

SUSTAINABILITY REPORT 2023



66

986

2

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www.cnbm.com.





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 $k = 0.01$

4

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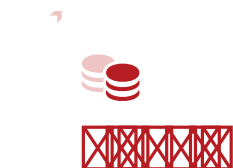
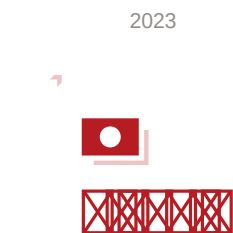
"

!

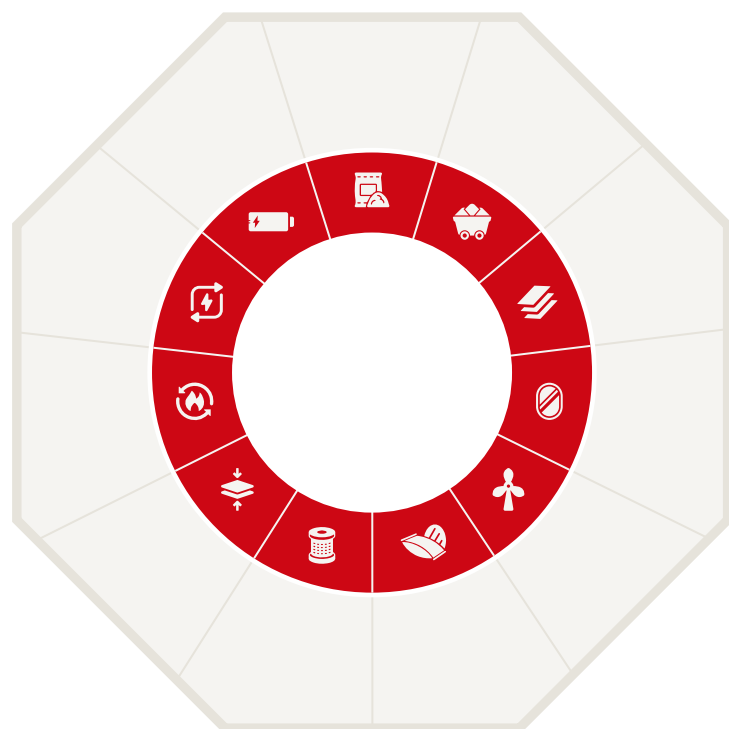
!

k

0.6 k /1 0 k !
! ! ! !
5
! !
k
! /2
t u 3..
0.02 1.5 k 0.01



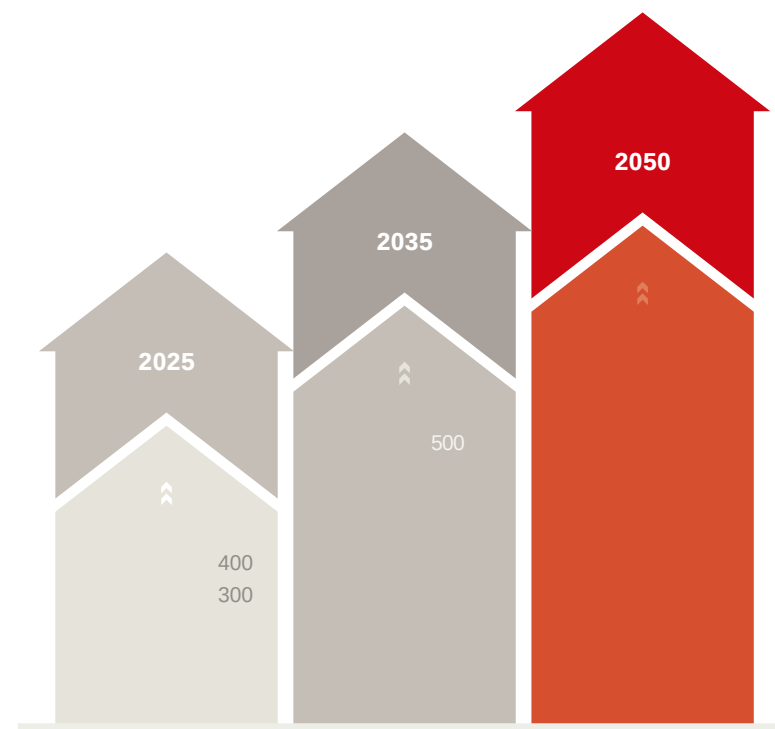
5.3.,7 0/ /7 2
1253,/ /44 k
! ! ! !
5
! !
43#
k
2113
! !
1,6 04
! 0,43 33
! 1
! 6 /6 ! k

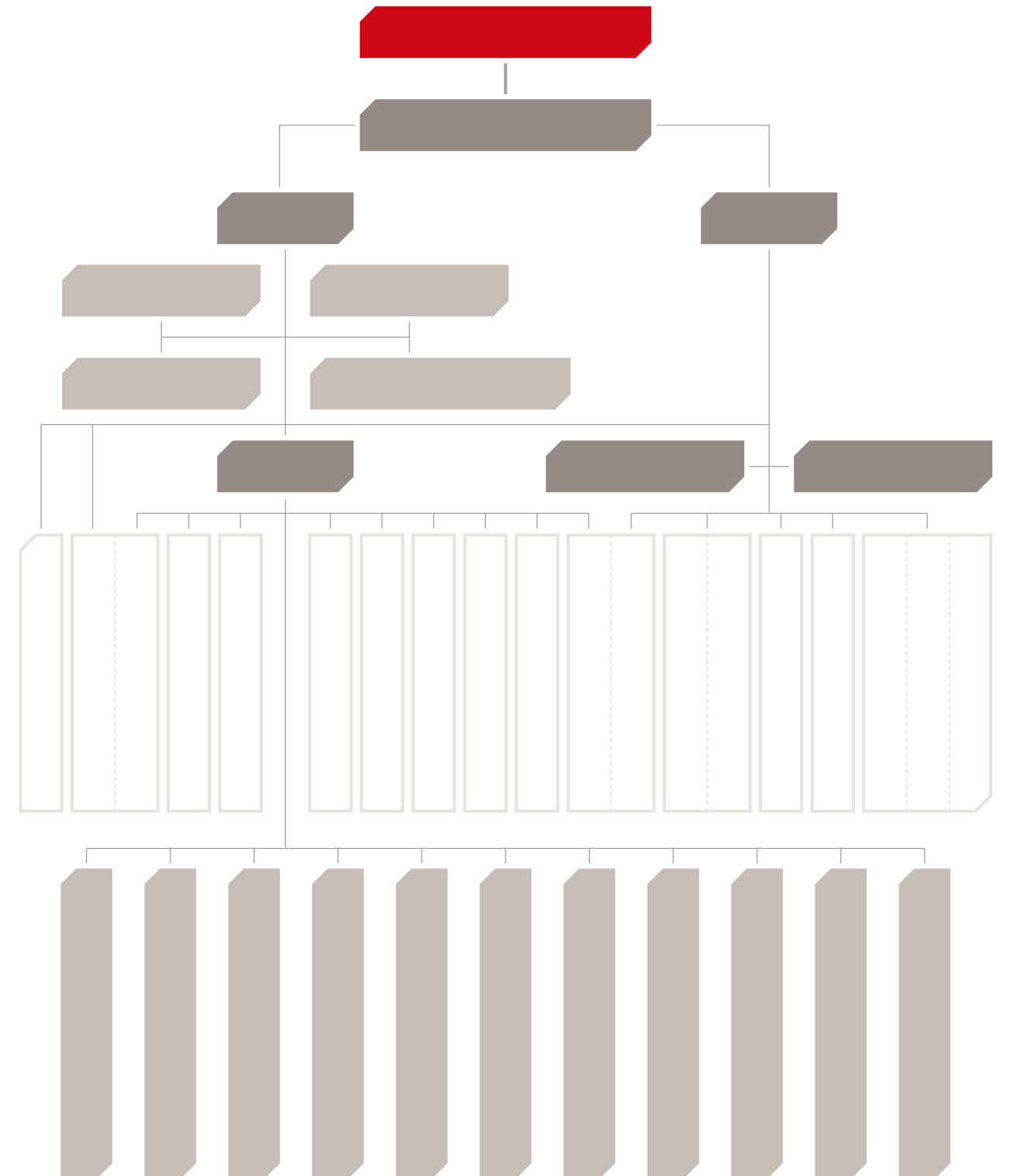


k
! !
2113
! ! ! !
k



! !
k







334
4.4
5
53
1355
542
2000



35
92
4852
15
74
34
+
“ ”
“ ”

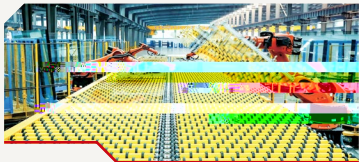


370
40%
9
3000
5G
20
100
“ ”
“ ”



30GW
1MW-16MW+
“ SinomaBlade ”
30%
153GW
42
2023
130 12
101
6-8

Low-E
90%

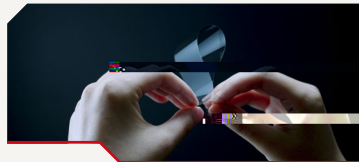


2.85
50%
5.85
T700
“ ”
“ ”



“ ”
“ ”

90%



20
1
3-12μm
40
7
3C
90%

“ ”
“ ”



500
EPC



“ ”
“ ”

责任聚焦

I

“ ”

500
26
3 8 10 -50 -100



P



2023 4 22

60 -80 2023 / 30



7 " 1025 "

2.5 70MPa

T1100

6

24

30



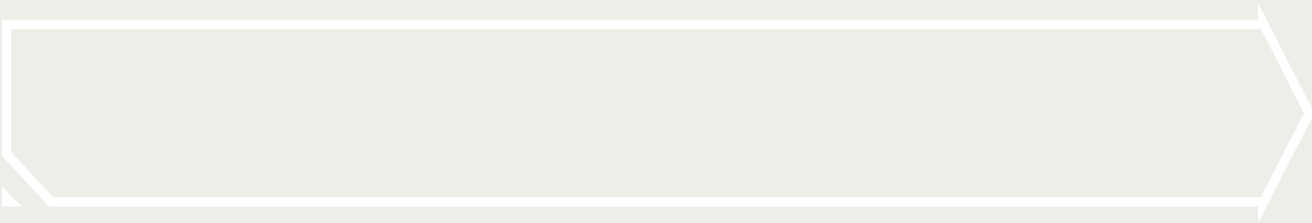
32 320L
CCS 500kW

1

2023 4 8

4.0

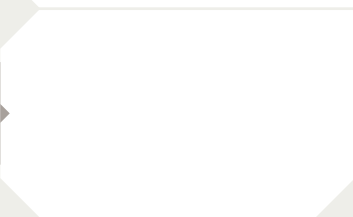
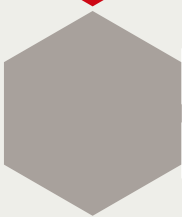




“ ”

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/5

0..
/3. k

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k

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“ 9+6 ”

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5 4 16
6

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2023

“ ” 9



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责任聚焦

II

“ ”



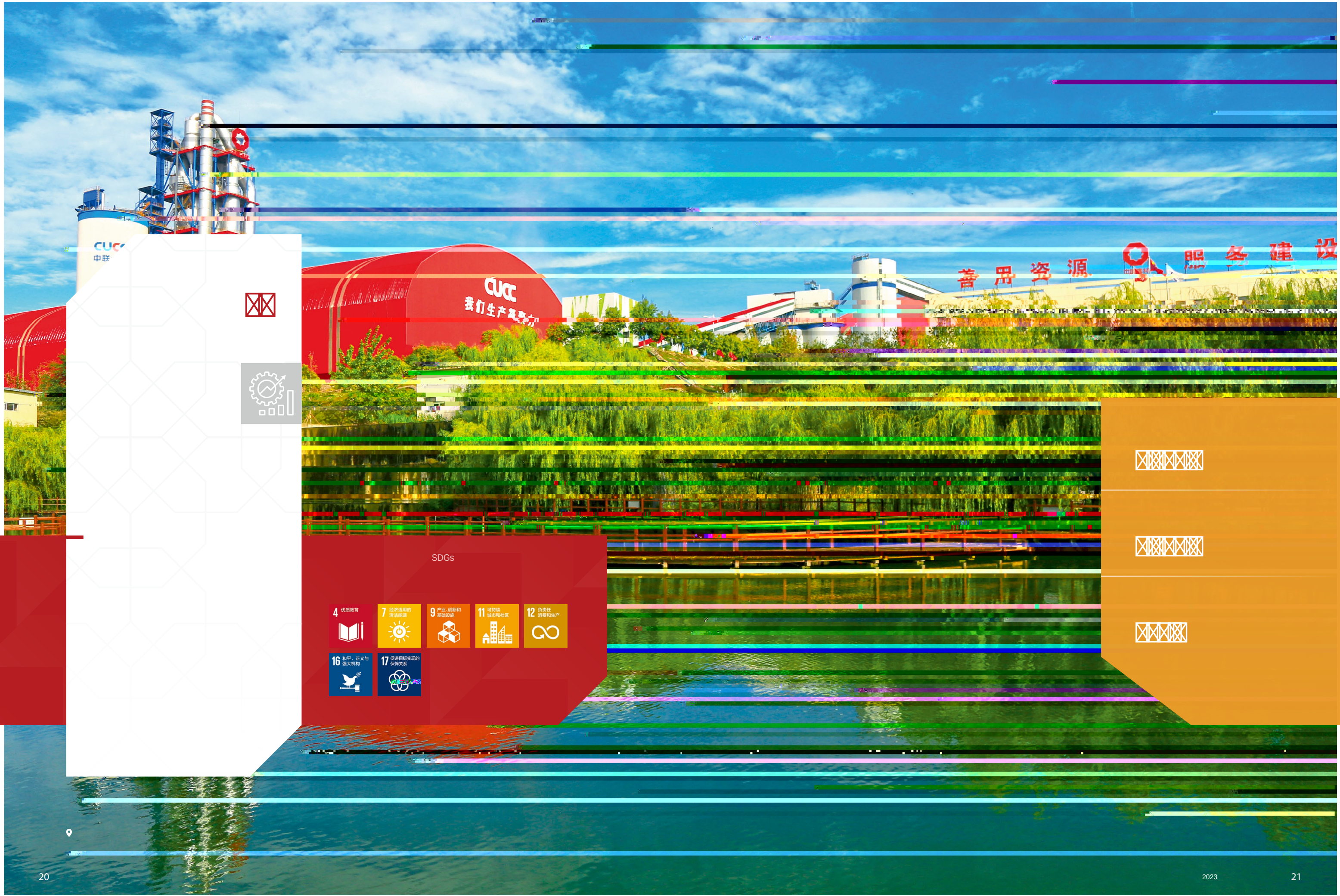
v

P

66

59





SDGs



· 2023

A

2023
3475.1

A

“ ”

“ + ”

29

3.2

2.9%

“ + ”

2023

3000

· 2023



“ ”

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2023 3 10

4000

7



3C

2023 2.5

3



“ ”

2023

+ 40%
EPC

· 2023



%



%



15MW VICAT BASTAS



Fauji DG Khan 6500

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2023

599

14

36

2023

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46.6

3

28%

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50

2023

172

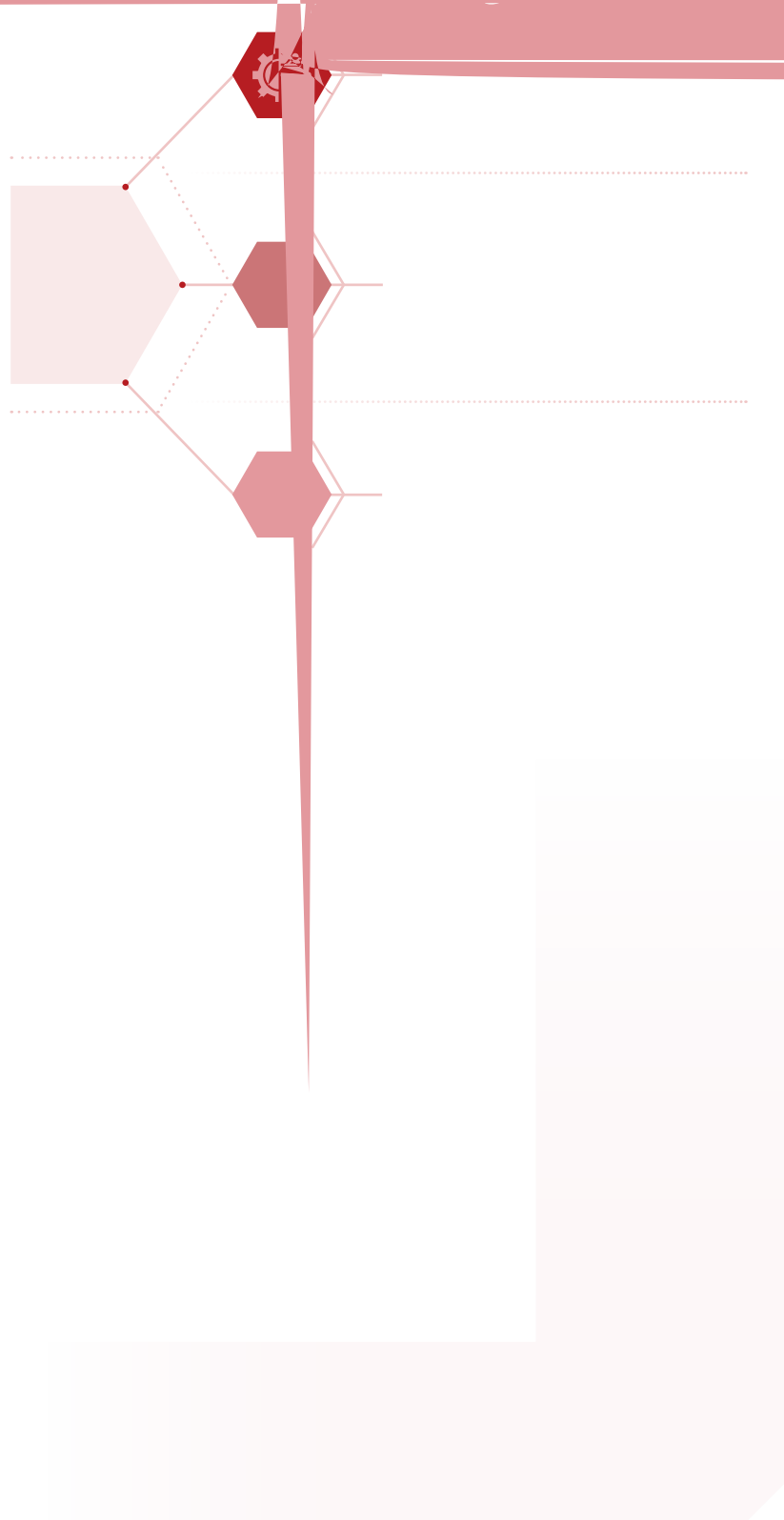
44

20.64

27.8

70





· 2023



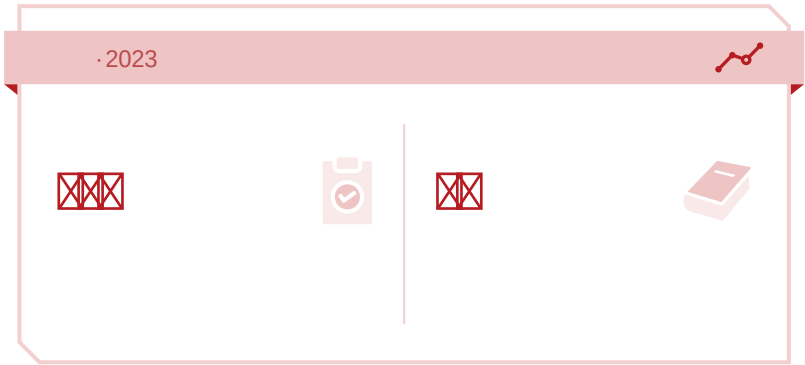
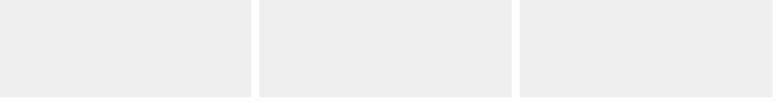
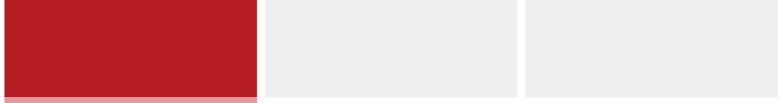


2023
“
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2
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18
22



2023
151
3
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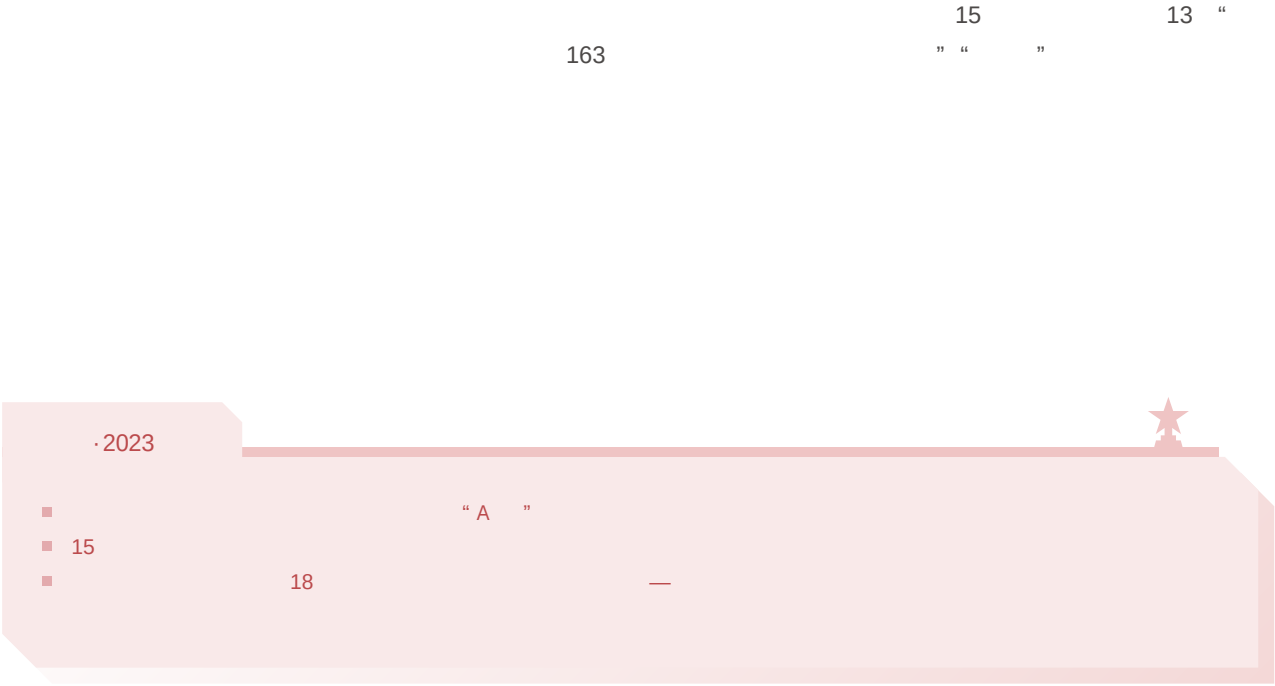
16 39
16 39

2023 10 3600

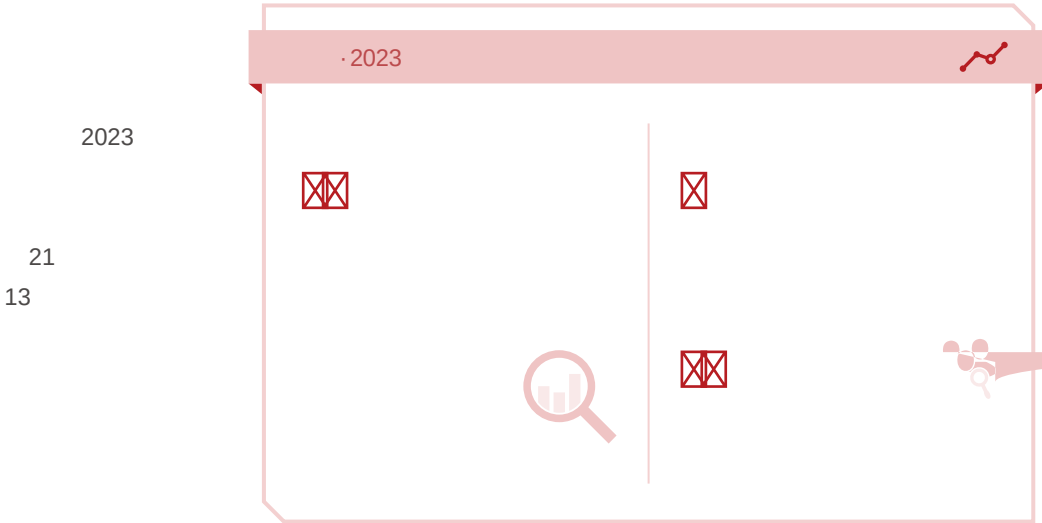
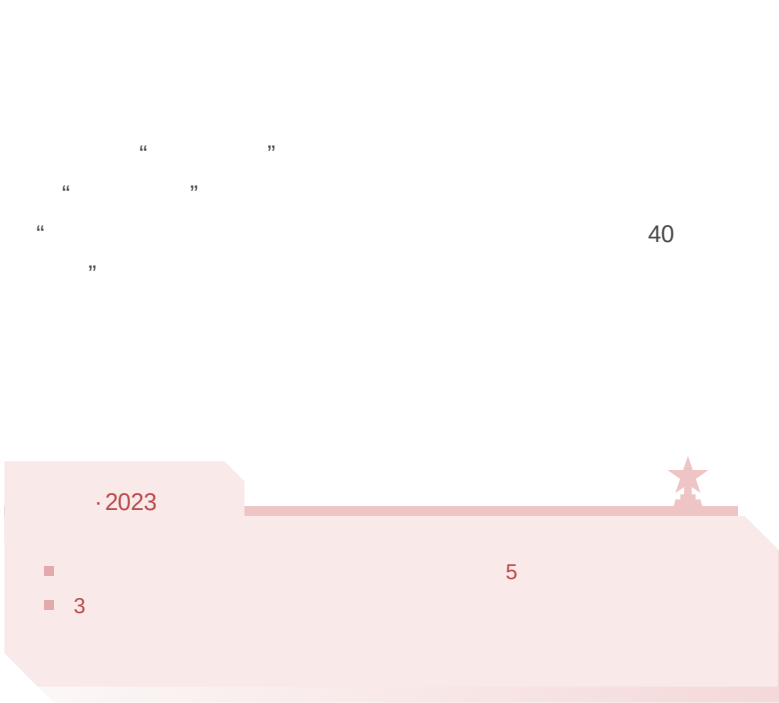
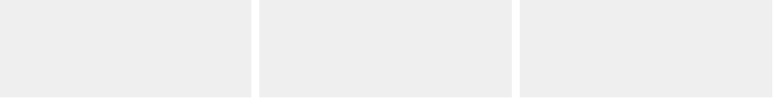
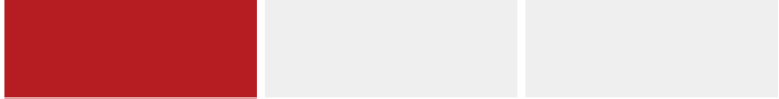
72.7% 6.5%



2023



2023





SDGs



7 经济适用的
清洁能源



9 产业、创新和
基础设施



11 可持续
城市和社区



12 负责任
消费和生产



17 促进目标实现的
伙伴关系

· 2023

A B C

· 2023

%

· 2023

“ 1+17 ”

2023

3

“ + + ” “ ”

“ 113N ”

· 2023

“ 2023 ”

T800

T800

T800
SYT55G

T800

2

中国建材

2023年6月

20

2+N 3+N

4 6

2.87% 3.03%

Ồ,

100%

100%

100%



中国建材

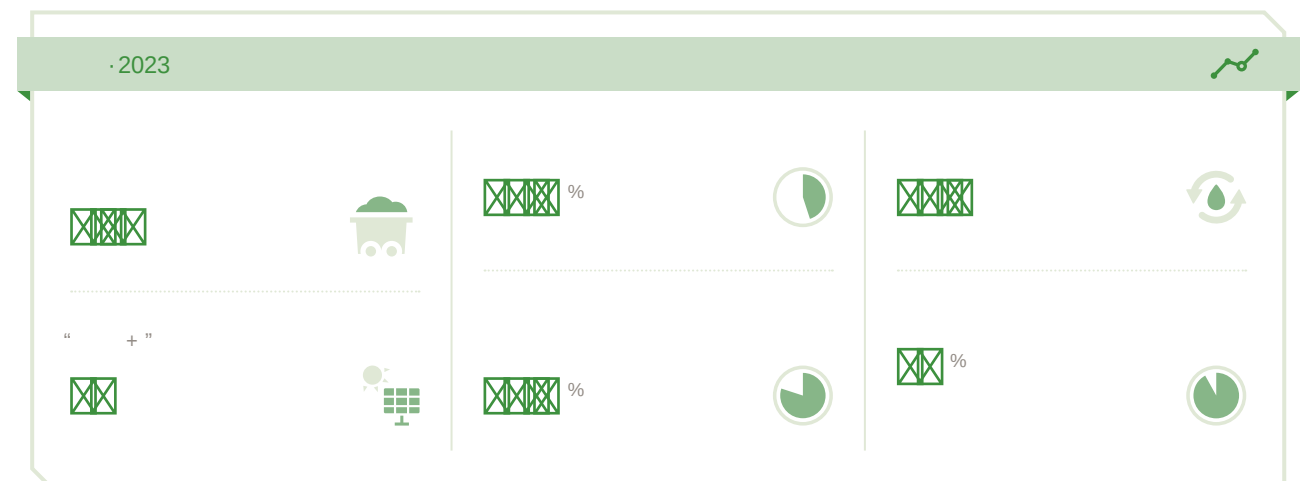
SDGs



2023



44 45



2023

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2023



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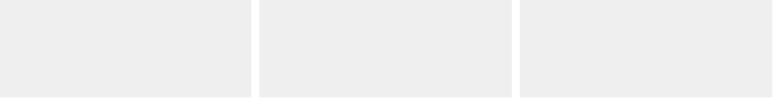
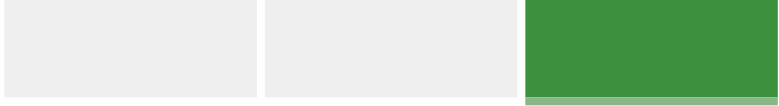
、

100%

2023

100%



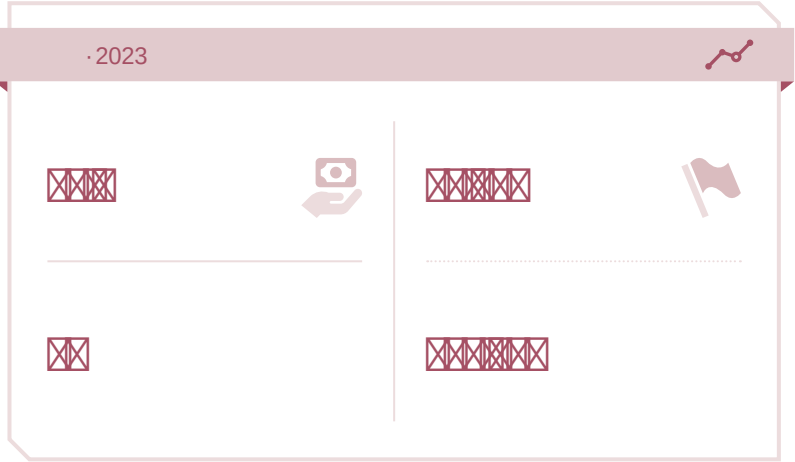
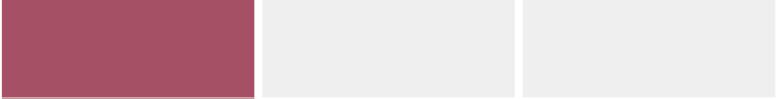
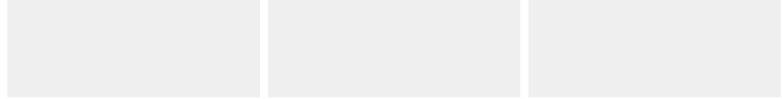


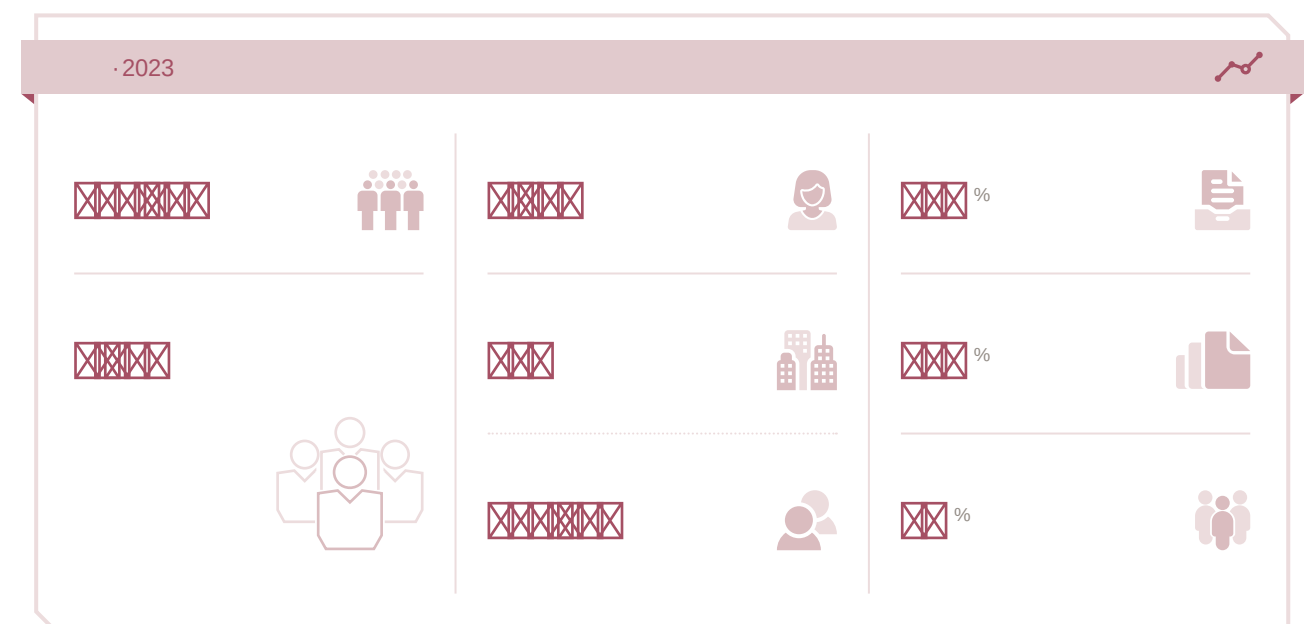
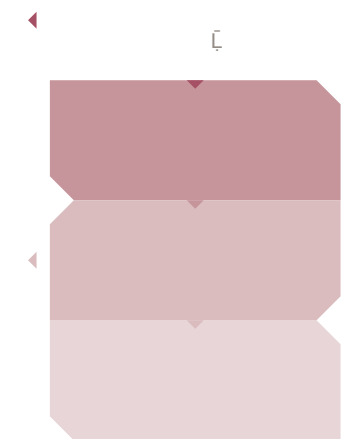
“

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2023

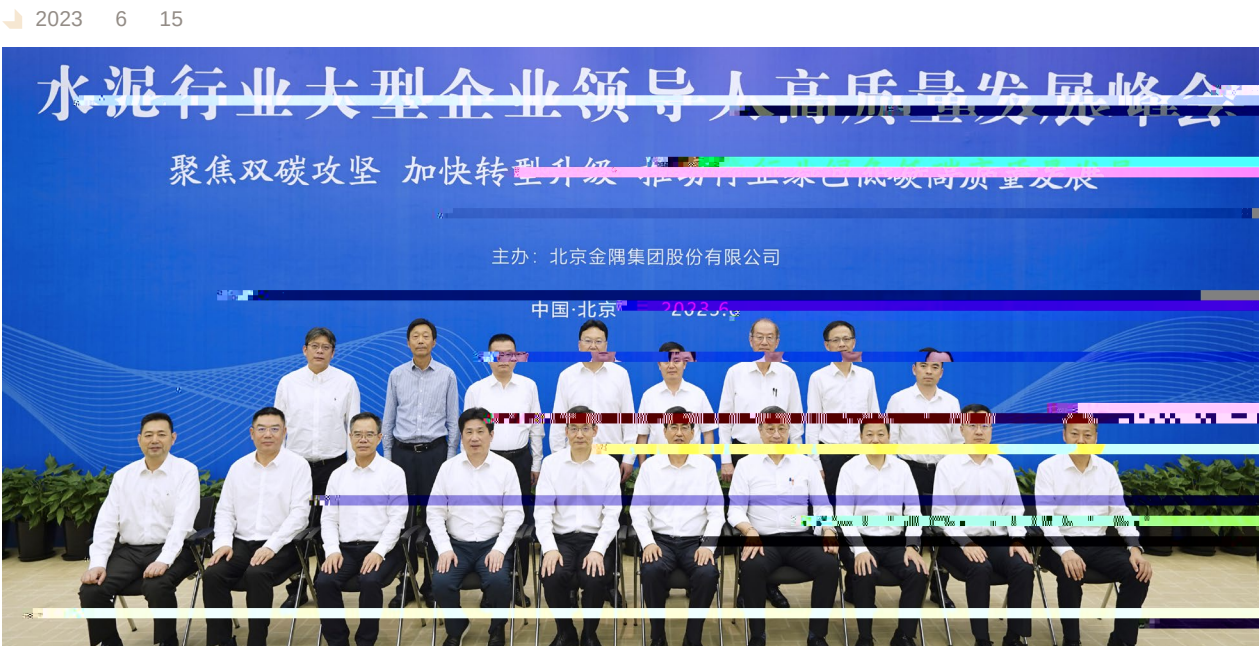
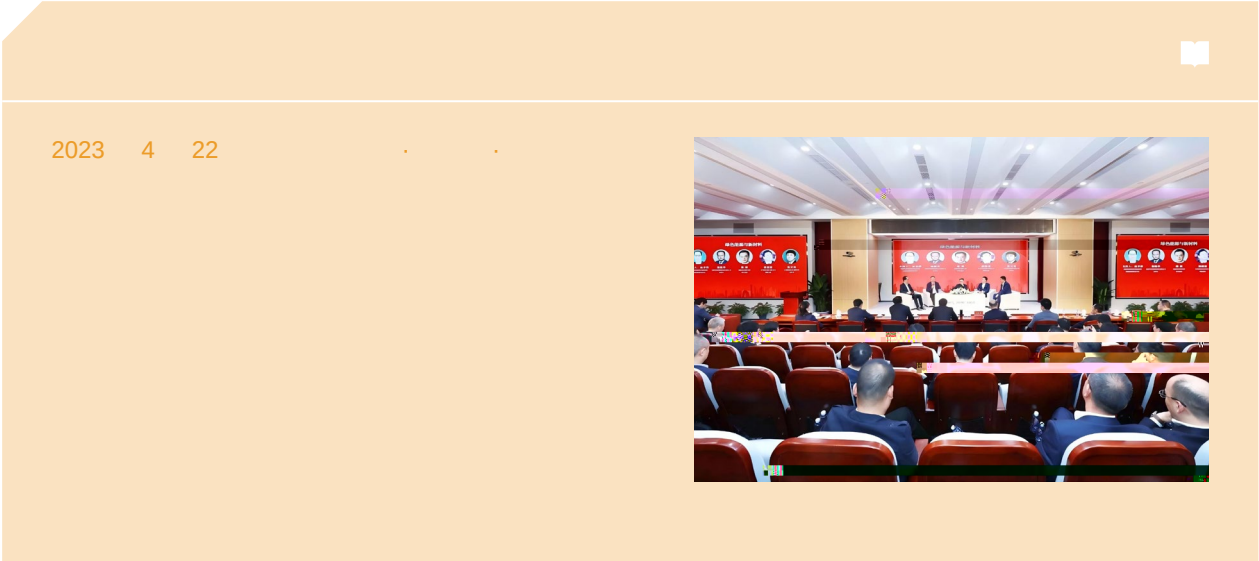
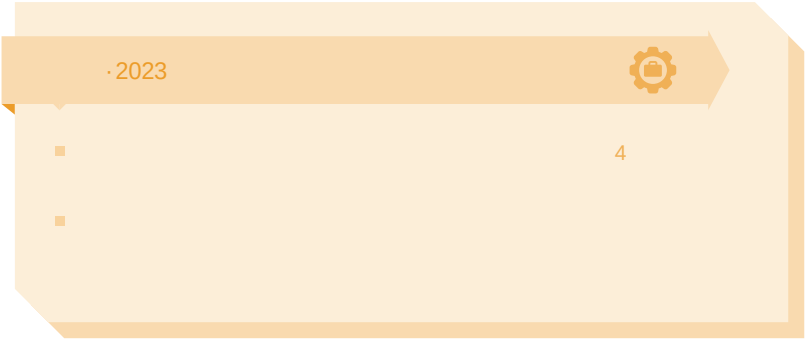
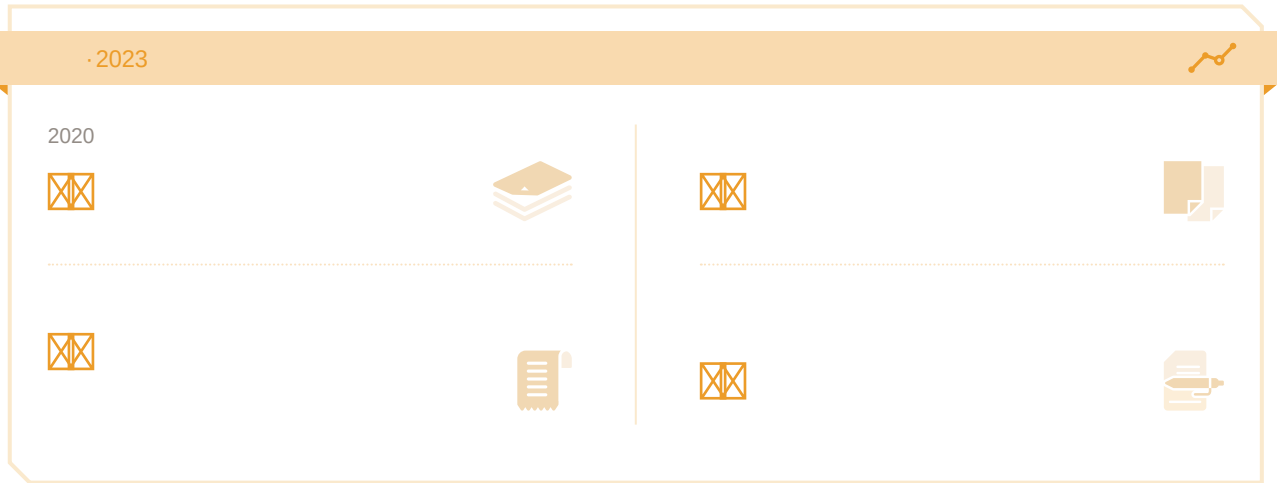
102







SDGs





“ ”

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4

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2023

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2022

2023

“ ”

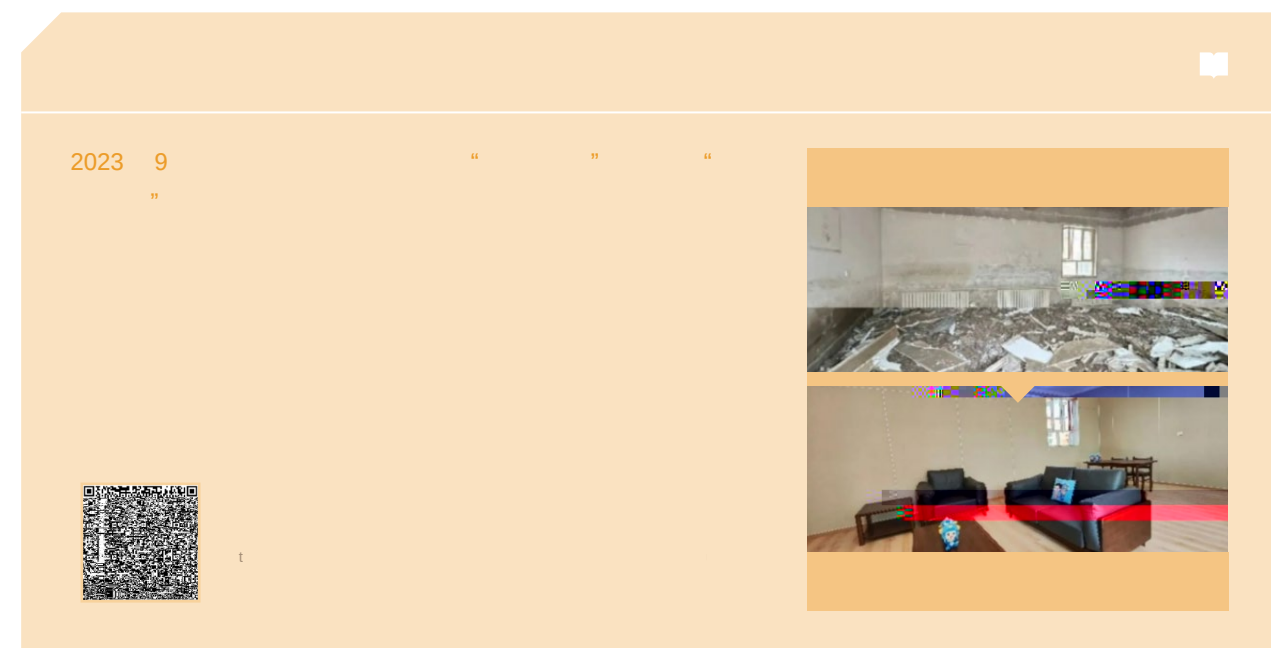
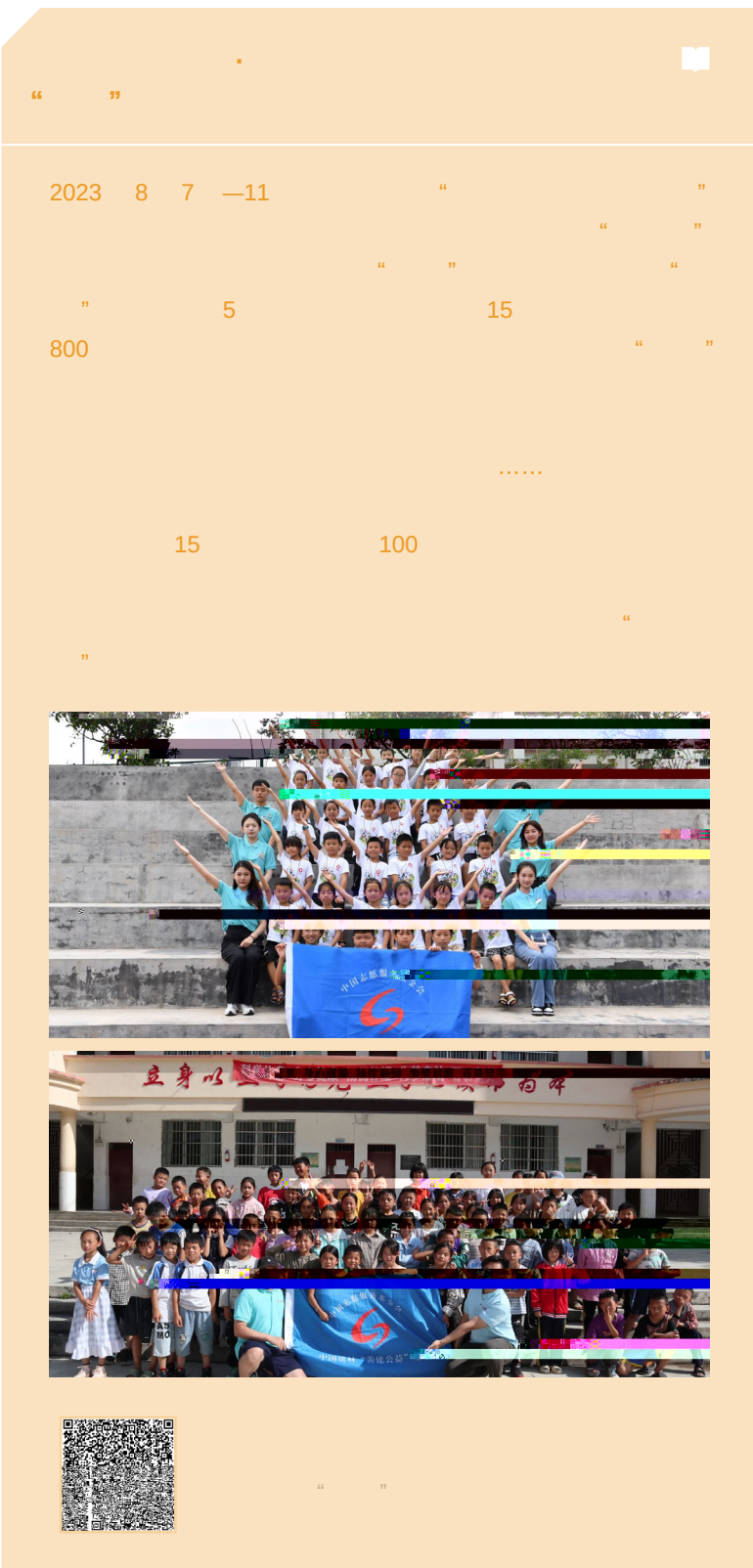
“ ”

“ ” 3

170

· 2023







SDGs



16 和平、正义与
强大机构



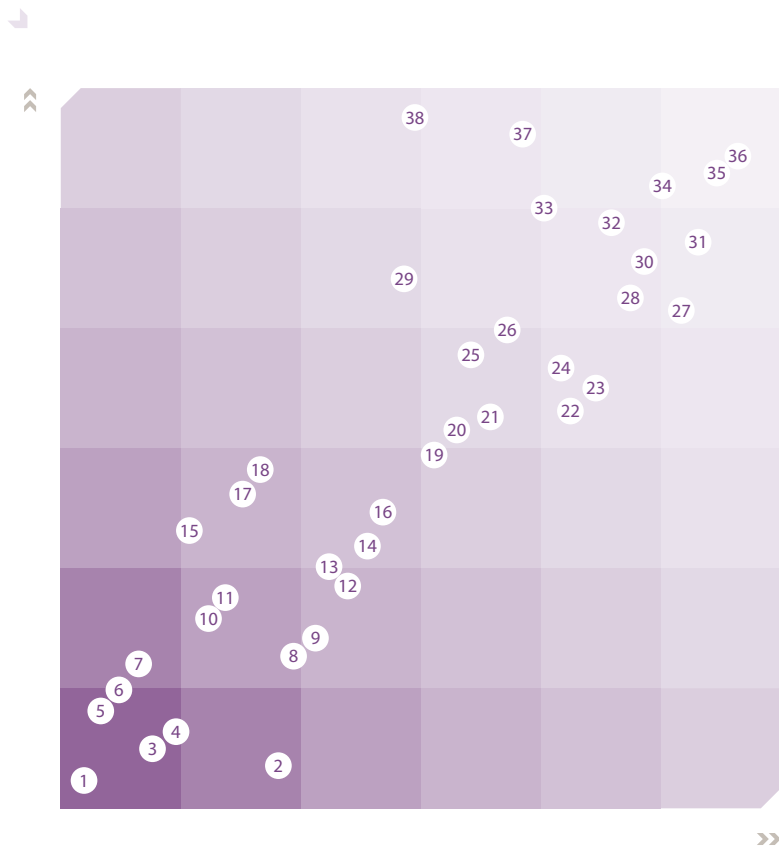
17 促进目标实现的
伙伴关系

“ 2023
TOP10 ”

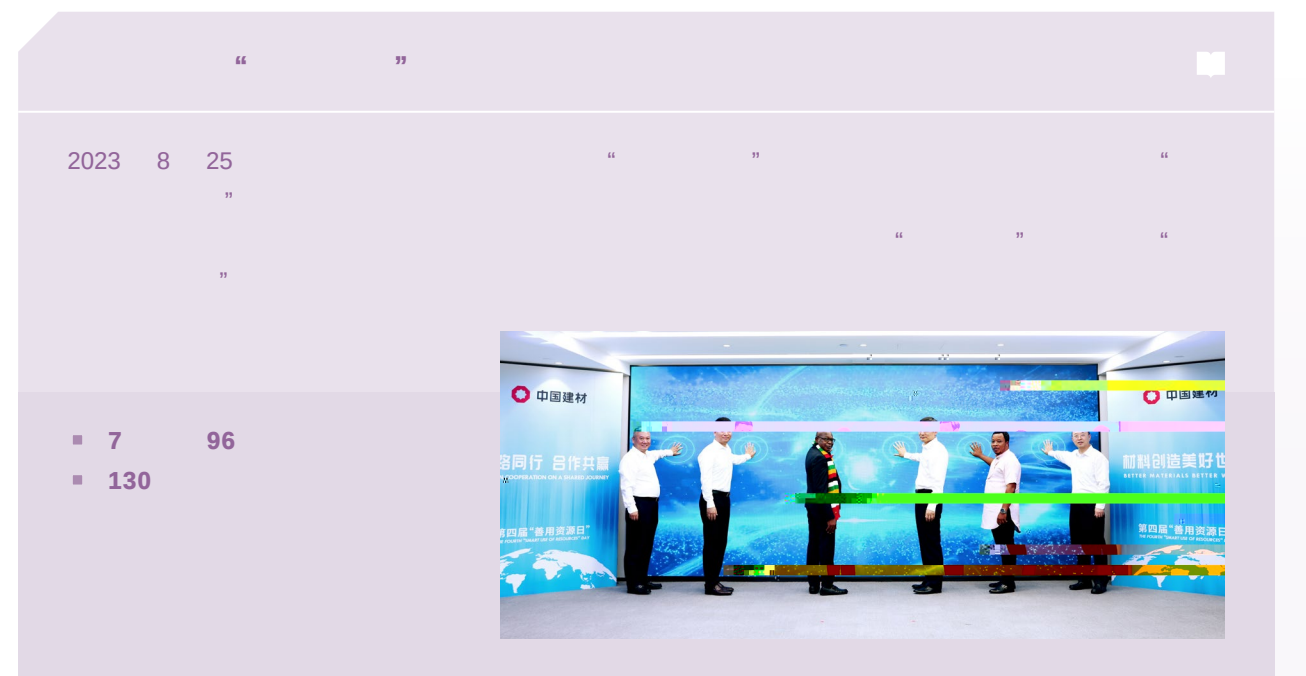
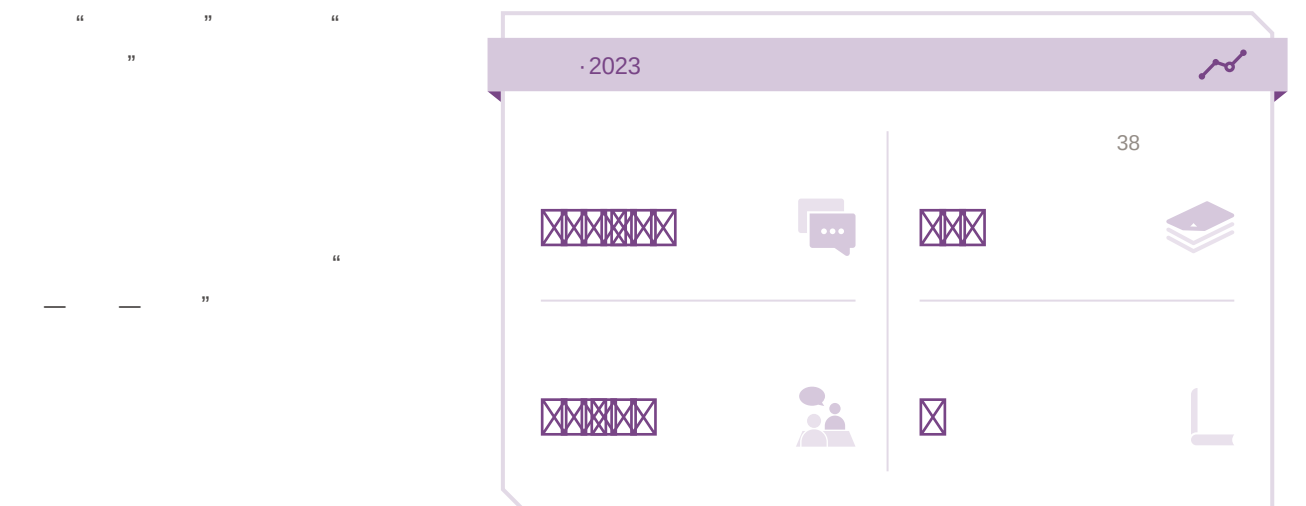
100

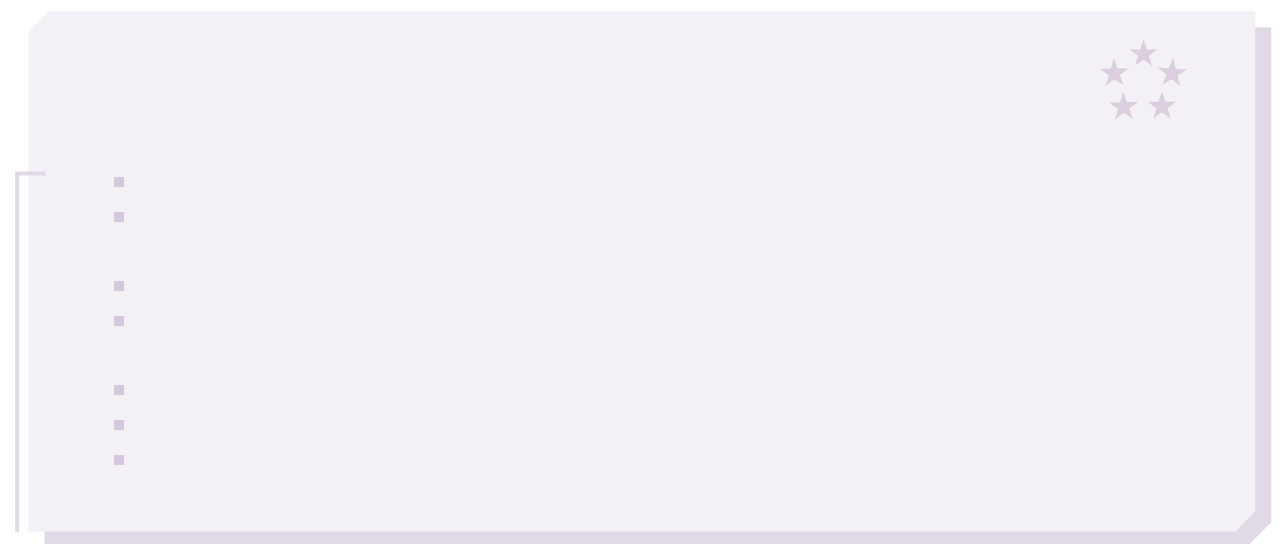
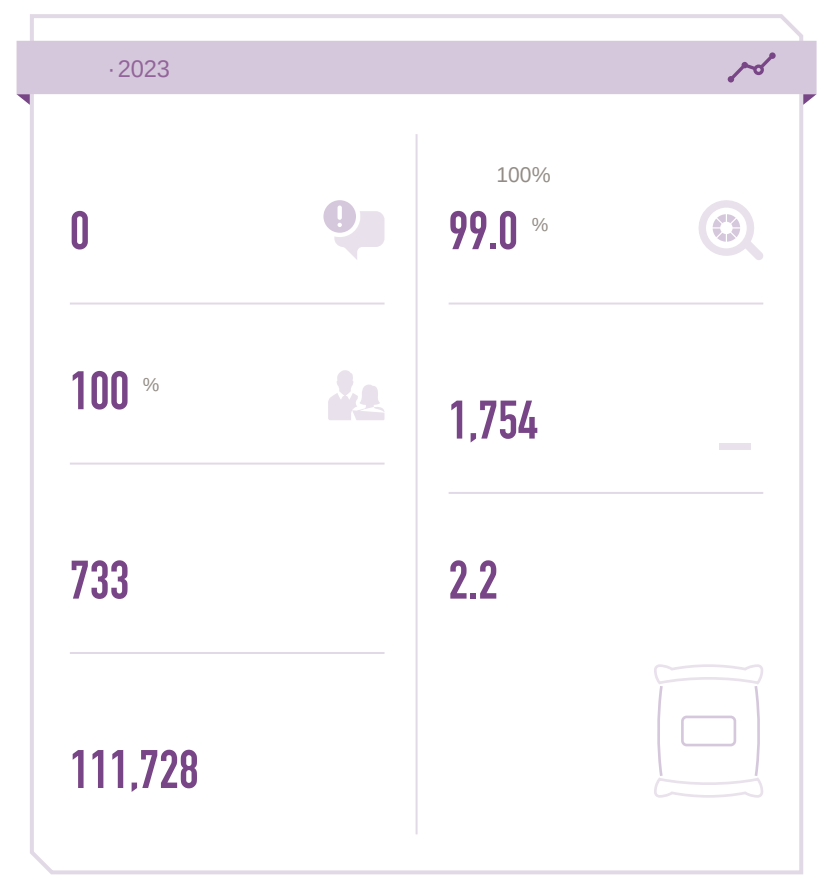
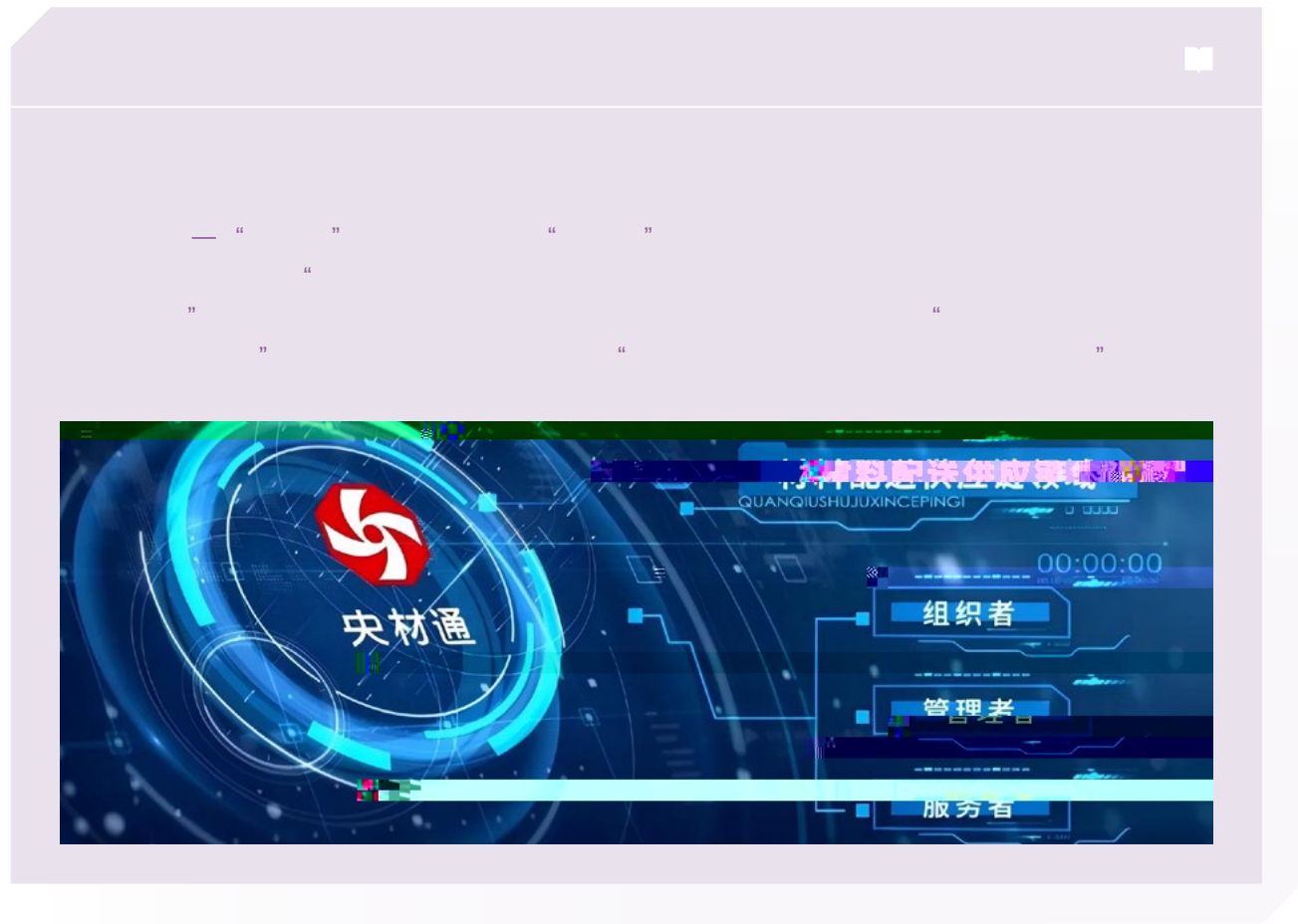
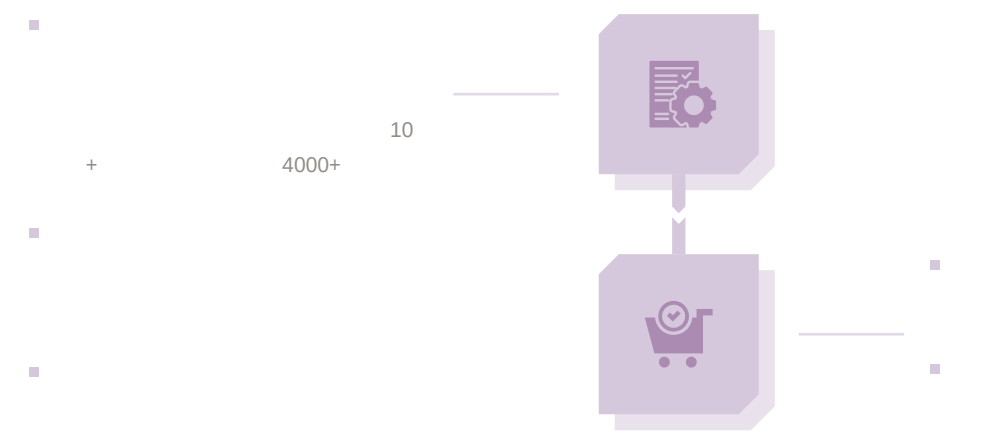


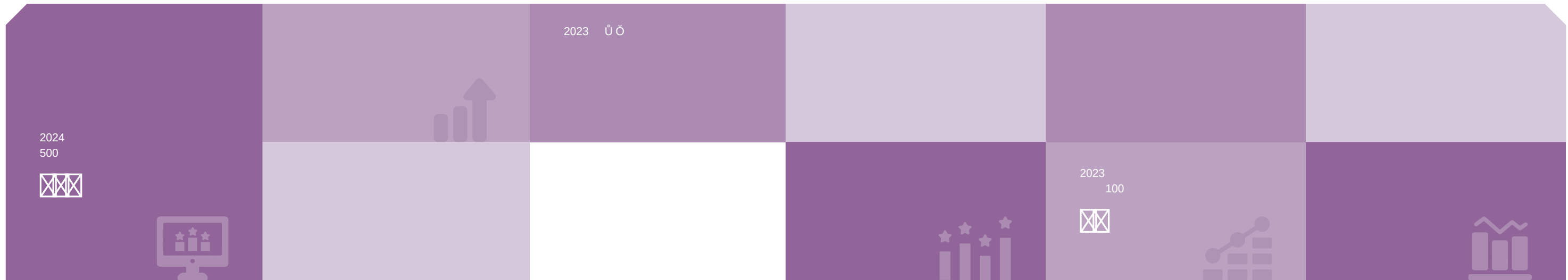
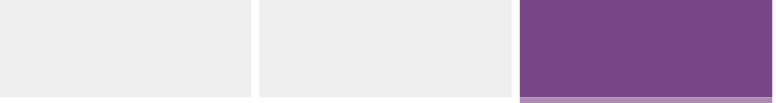
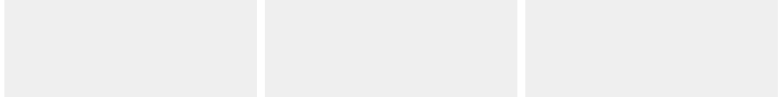




- | | |
|----|----|
| 1 | 20 |
| 2 | 21 |
| 3 | 22 |
| 4 | 23 |
| 5 | 24 |
| 6 | 25 |
| 7 | 26 |
| 8 | 27 |
| 9 | 28 |
| 10 | 29 |
| 11 | 30 |
| 12 | 31 |
| 13 | 32 |
| 14 | 33 |
| 15 | 34 |
| 16 | 35 |
| 17 | 36 |
| 18 | 37 |
| 19 | 38 |









2023

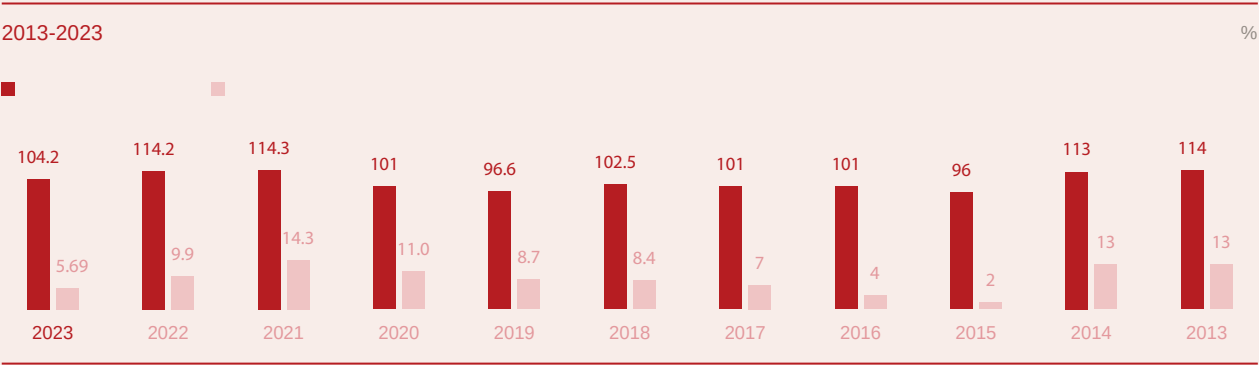


2024		500	
2024		2023	
307		49088.8	
284		51830.3	
443		CRH	34949

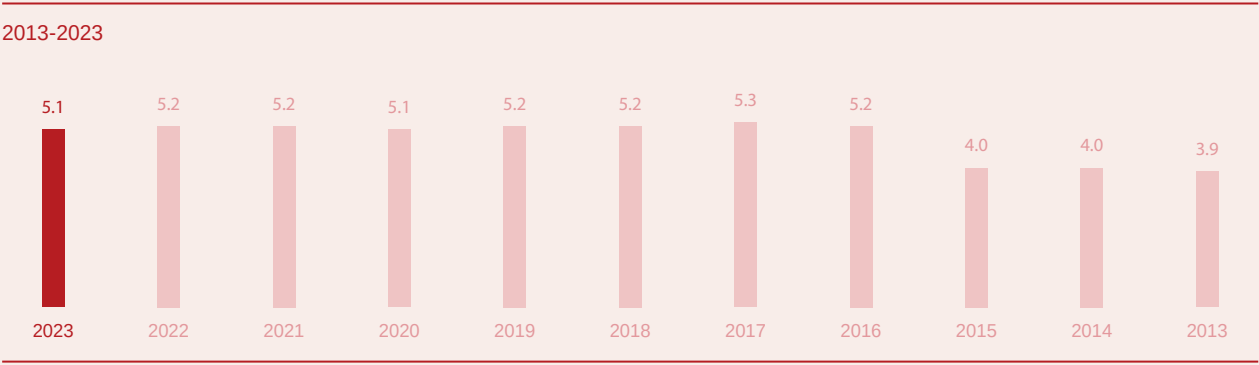
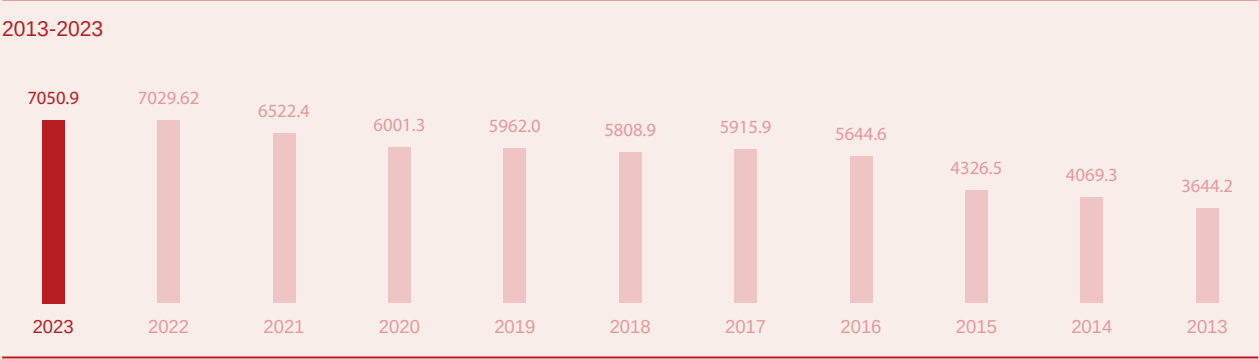


2013-2023	
2023	2.9
2022	3.0
2021	3.5
2020	3.5
2019	3.7
2018	3.4
2017	3.4
2016	3.2
2015	2.4
2014	2.5
2013	2.4

2013-2023		
2023	3475.1	168.6
2022	3801.6	265.8
2021	4155.1	386.9
2020	3941.0	306.1
2019	3981.0	235.2
2018	3480.0	206.6
2017	3021.2	151.1
2016	2612.3	75.8
2015	1992.5	38.4
2014	2504.3	130.1
2013	2522.6	115.1



2023			
	03323.HK	0.2290	0.4580
	000877.SZ	0.1140	0.2268
	600449.SH	0.2500	0.6200
	600176.SH	0.2800	0.7600
	000786.SZ	0.8350	2.0860
	002080.SZ	0.5600	1.3300
	600970.SH	0.4000	1.1200
	688295.SH	0.1060	0.3500
	002066.SZ	0.1000	0.3152
	603060.SH	0.1120	0.3204
	600552.SH	0.0500	0.1135
	600876.SH	0.0000	0.6100
	01108.HK	0.0000	0.6100
	603126.SH	0.0830	0.2349





2013-2023		
2023	247	4
2022	166	0
2021	116	1
2020	109	0
2019	166	3
2018	231	1
2017	197	2
2016	173	2
2015	123	0
2014	117	1
2013	145	1

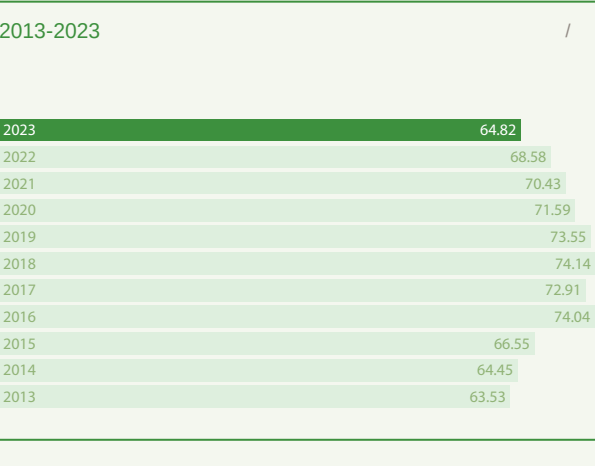
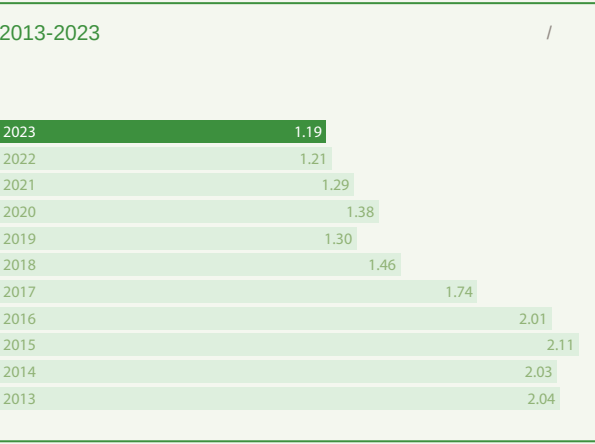
2013-2023				
2023	5550	2531	4137	1358
2022	5978	2601	4911	1319
2021	4004	1820	3745	747
2020	4436	1821	2576	532
2019	3308	1638	1804	478
2018	2287	1056	1571	385
2017	2144	1039	1524	428
2016	2156	880	1793	455
2015	1568	566	1492	193
2014	1571	531	1381	106
2013	1262	373	848	128

2013-2023	
2023	136.3
2022	149.0
2021	147.2
2020	119.1
2019	95.9
2018	81.9
2017	59.3
2016	51.2
2015	40.9
2014	41.6
2013	36.2

2013-2023					
2023	44	3	20	21	
2022	169	10	82	77	
2021	130	4	84	42	
2020	74	3	39	32	
2019	88	0	52	36	
2018	167	4	90	73	
2017	122	4	90	28	
2016	91	2	57	32	
2015	62	2	36	24	
2014	104	3	35	66	
2013	59	1	8	50	

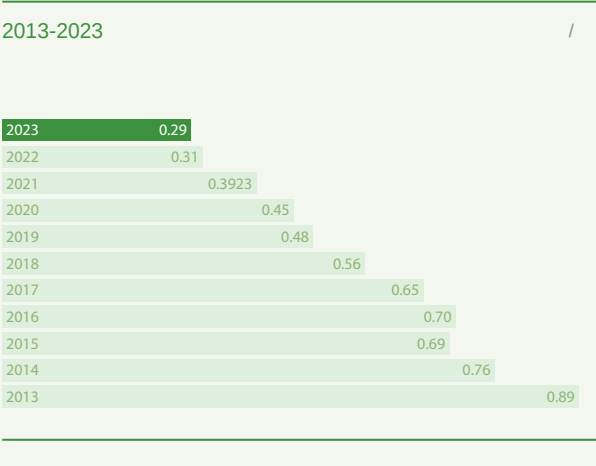
2013-2023		
2023	26490	6906
2022	22425	5926
2021	17642	4577
2020	14463	3816
2019	12124	3164
2018	10967	2765
2017	10024	2403
2016	8408	1913
2015	5663	900
2014	4255	687
2013	3231	589

2013-2023		
2023	60.3	918.9
2022	39.0	850.6
2021	34.7	810.6
2020	35.2	754.7
2019	28.4	577.6
2018	30.1	555.9
2017	16.6	468.5
2016	15.7	339.0
2015	11.5	256.5
2014	8.8	289.9
2013	10.3	259.4



2013-2023		
		%
2023	10497	96.4
2022	10360	96.8
2021	13121	96.3
2020	17880	91.7
2019	14967	99.9
2018	9900	92.8
2017	15615	99.0
2016	14909	88.6
2015	7545	98.5
2014	7882	98.0
2013	6191	99.2

2013-2023		SO ₂	COD	/	
		SO ₂	COD		
2023	0.26		0.03		
2022	0.27		0.05		
2021	0.33		0.04		
2020	0.42		0.04		
2019	0.62		0.03		
2018	1.09		0.03		
2017	1.07		0.03		
2016	1.60		0.05		
2015	1.46		0.06		
2014	1.36		0.06		
2013	1.39		0.07		

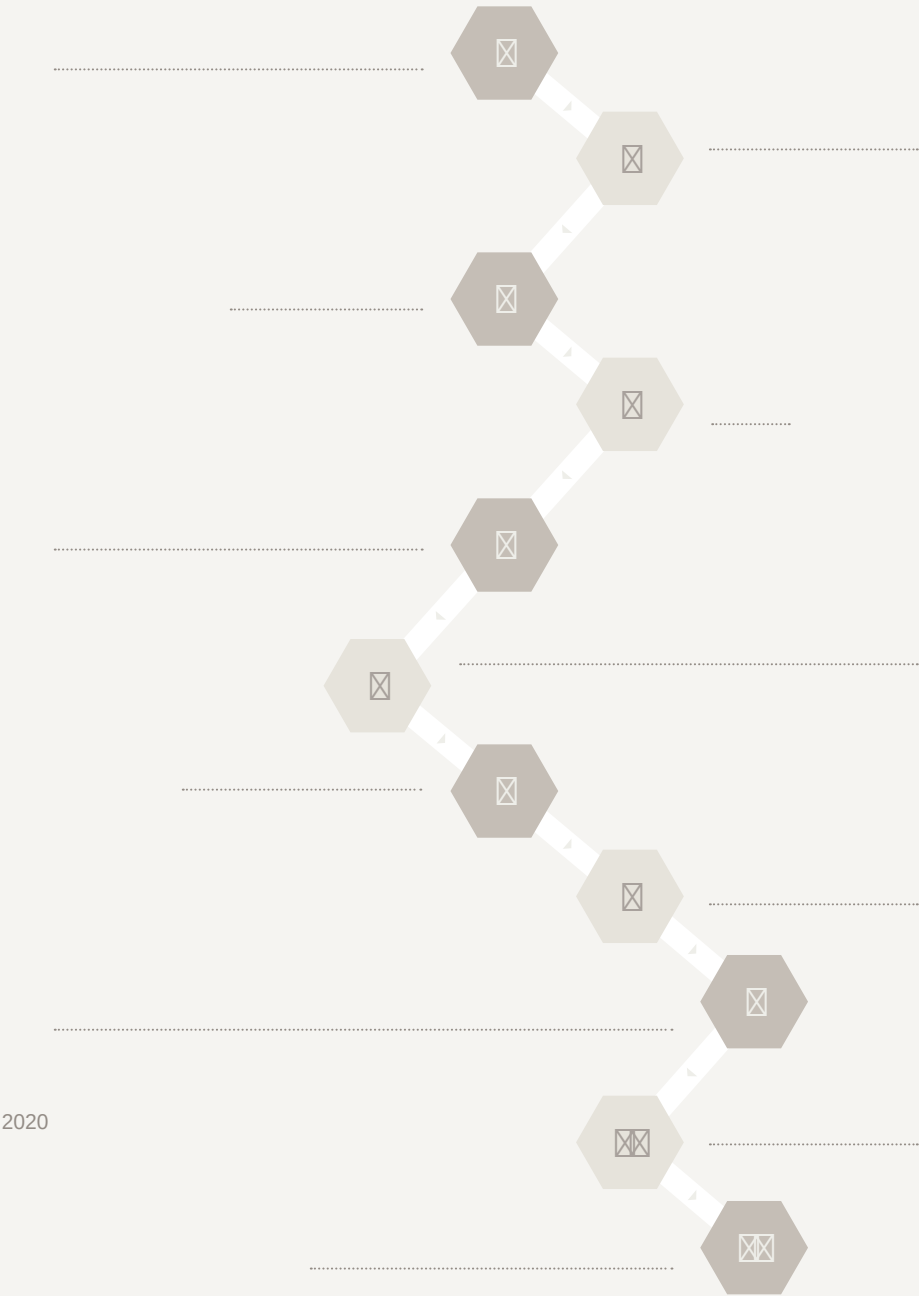


2013-2023			
	/	/	%
2023	5.5	0.38	96.79
2022	5.4	0.37	95.6
2021	5.4	0.53	97.8
2020	5.3	0.49	95.1
2019	3.6	0.34	90.0
2018	7.9	0.45	90.8
2017	7.1	0.51	96.2
2016	6.2	0.38	93.7
2015	7.2	0.46	93.5
2014	6.2	0.41	90.3
2013	8.0	0.41	96.4

220000

SDGs		GRI GRI Standards	CSR4.0	CASS-
	-	102-46 102-50 102-52-53	P1.1-1.2	
	-	102-14-1	P2.1-2.2	
	-	102-1-2 102-4-8 102-16 102-18 102-22 102-24	P4.1-4.3	
" "	SDG9 SDG12	203-1-2	P3.1-3.2	
" "	SDG1 SDG4 SDG8 SDG17	203-1-2	P3.1-3.2	
	SDG7 SDG9 SDG11 SDG12 SDG17	102-2 201-1 203-1-2	P4.2 M1.4	
	SDG12 SDG16	103-2-3 201-1	M1.6	
	SDG12 SDG16	103-2-3 103-2-3	M1.1	
	SDG4	103-2-3 205-2	M1.2	
	SDG9	103-2-3 201-1	M2.2 M4.4	
	SDG9	103-2-3 203-1-2	M2.2	
	SDG7 SDG9 SDG11 SDG12	203-1-2	M2.2 M2.5	
	SDG9 SDG17	103-2-3 203-1-2	M2.2 M4.4	
	SDG16	103-2-3	E1.1-1.2	
	SDG7 SDG9 SDG11 SDG12 SDG13 SDG17	103-2-3 203-1-2 302-5 303-3	E1.3-1.5 E1.9 E2.1 E2.2-2.3 E2.6 E2.8-2.9 E2.11 E2.14 E2.16 E2.18 E2.20-2.22 E3.1 E3.4-3.5	
	SDG7 SDG9 SDG11 SDG12 SDG13	103-2-3	E1.5 E1.9	
	SDG4 SDG11 SDG12	103-2-3	E1.7-1.8 E3.8	

SDGs		GRI GRI Standards	CSR4.0	CASS-
	SDG4 SDG9	103-2-3 203-1-2	S3.1-3.6	
	SDG5 SDG8 SDG10	103-2-3 102-8 401-1 405-1	S2.1-2.2 S2.4-2.8	
	SDG8	103-2-3 404-2	S2.12-2.14	
	SDG8	103-2-3	S2.9-2.10 S2.15-2.16	
	SDG17	103-2-3 203-1-2	M4.4 M4.6	
	SDG1 SDG2 SDG3 SDG4 SDG6 SDG9 SDG10	103-2-3	S4.1 S4.5 S4.10-4.11	
	SDG4 SDG8 SDG9 SDG10	103-2-3	S4.1 S4.7-4.9	
	-	-	G1.2	
	-	-	G2.2	
	SDG17	-	G3.1 G3.3	
	SDG4	-	G5.1-5.2	
	SDG16	-	G2.1	
	SDG16	102-40	G4.3 G6.1	
	SDG16	102-13	M2.7-2.11 M3.1 M3.4 M3.6 M4.2	
	-	-	A3	
	-	-	A1	
	-	-	A2	
	-	102-55	A5	
	-	-	P1.1	
	-	-	A4	
	-	102-53	A6	



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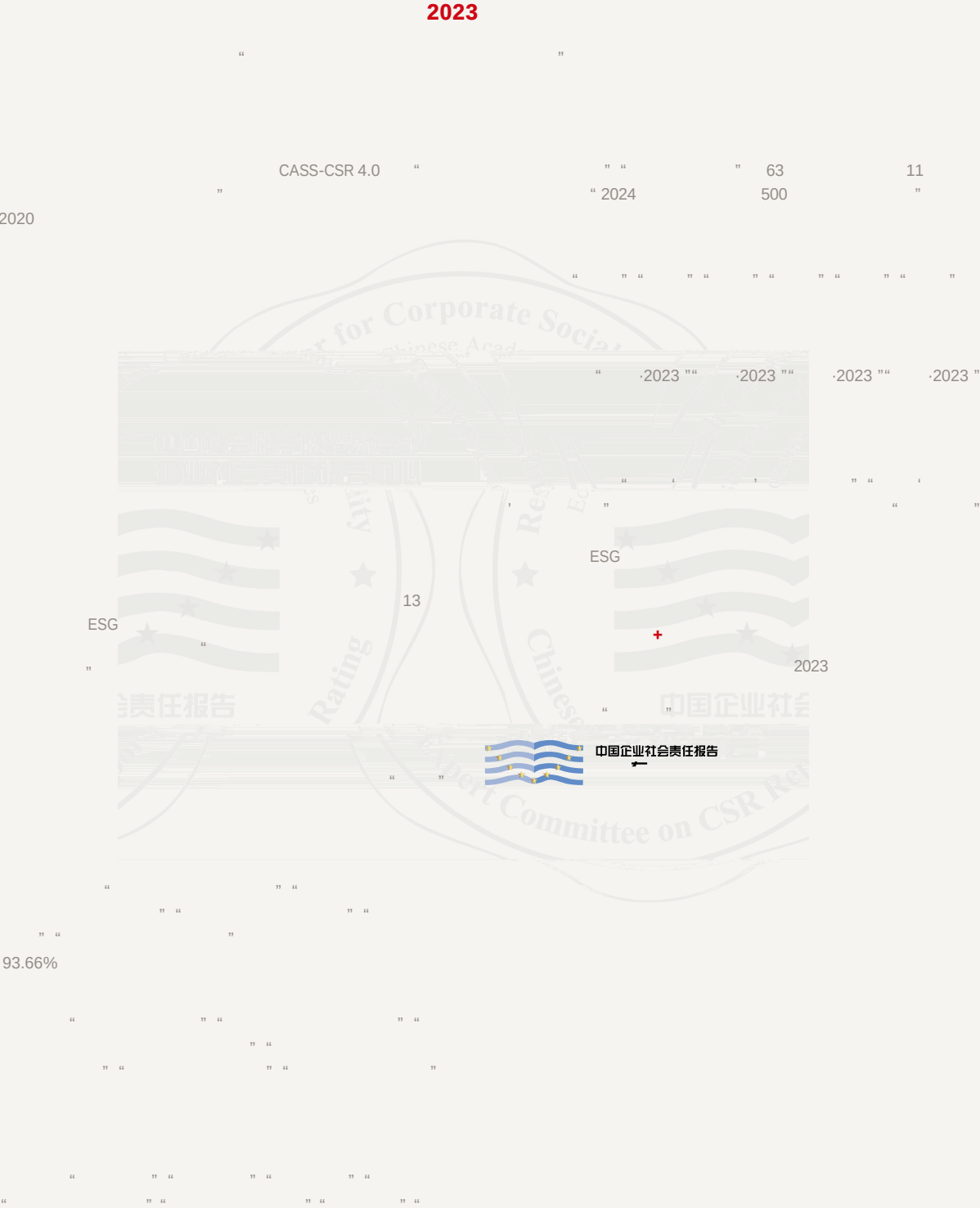
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