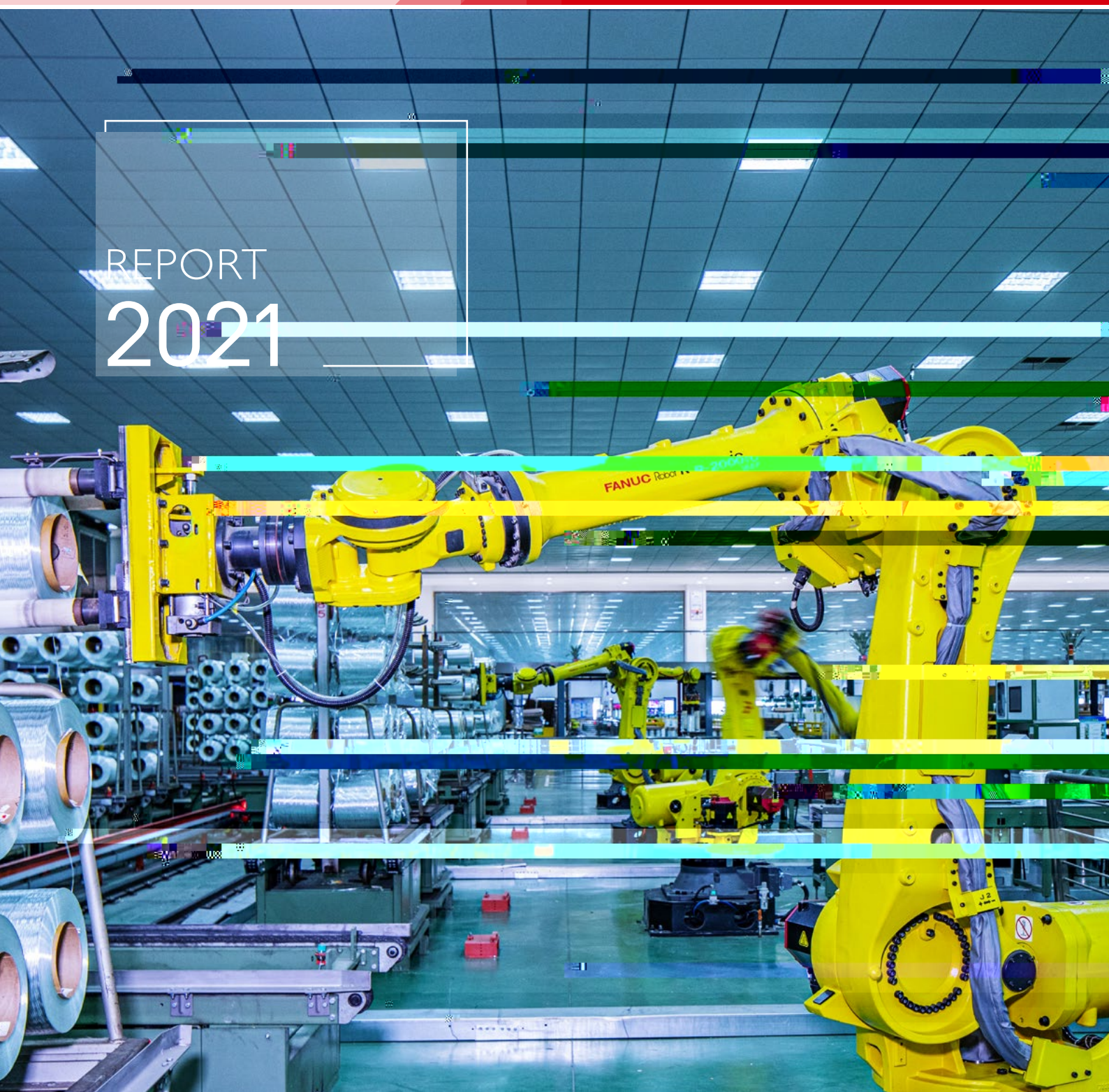


REPORT 2021





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20,1 #
04,2 #

164,7

064,3

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2113
63 #

/5

236

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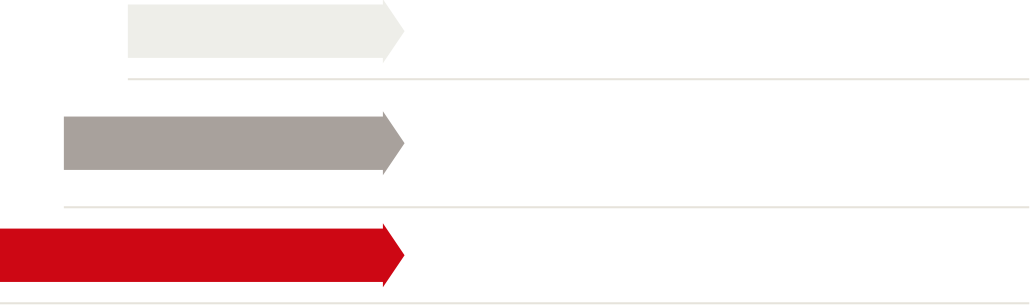
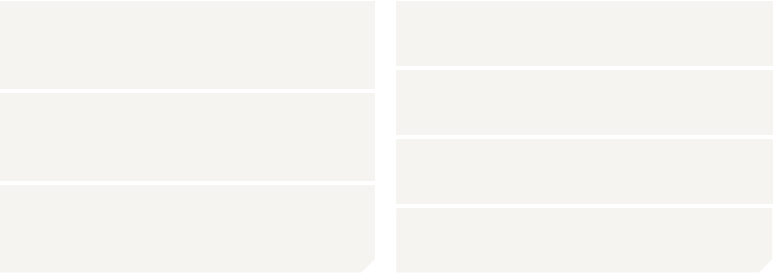
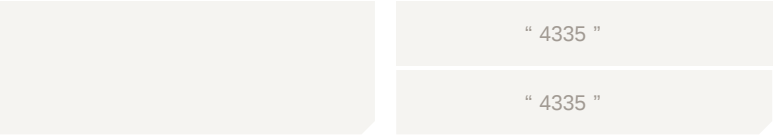
)

A handwritten signature in black ink, appearing to be '周晓' (Zhou Xiao), written in a cursive style.

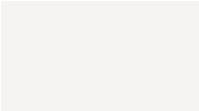
•

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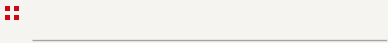




3,/6
2,53



2454



11,36



/7,44EU
/KU 6,3KU
12 7.
/..



117
/3



/2,1 /0#



05/5
GRM 22/7
17/3 /,17

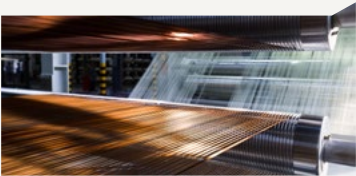


/ /3..

0.0/ 7

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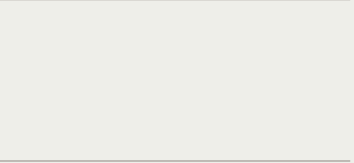


1EU

1..
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3



@%NT

10MW BIPV — 8.5 TFT-LCD



BIPV

0.0/ 1 @%NT 04,3 03 0,0 / . KU //,5 6,3 RDR+JAB /0

0.0/ 7 1... 3. R5.. R6..



2021

❖

5 2 0... 7. 301 0.0/

❖

/0 0. 0.0/ /1 23 06. 2.



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❖

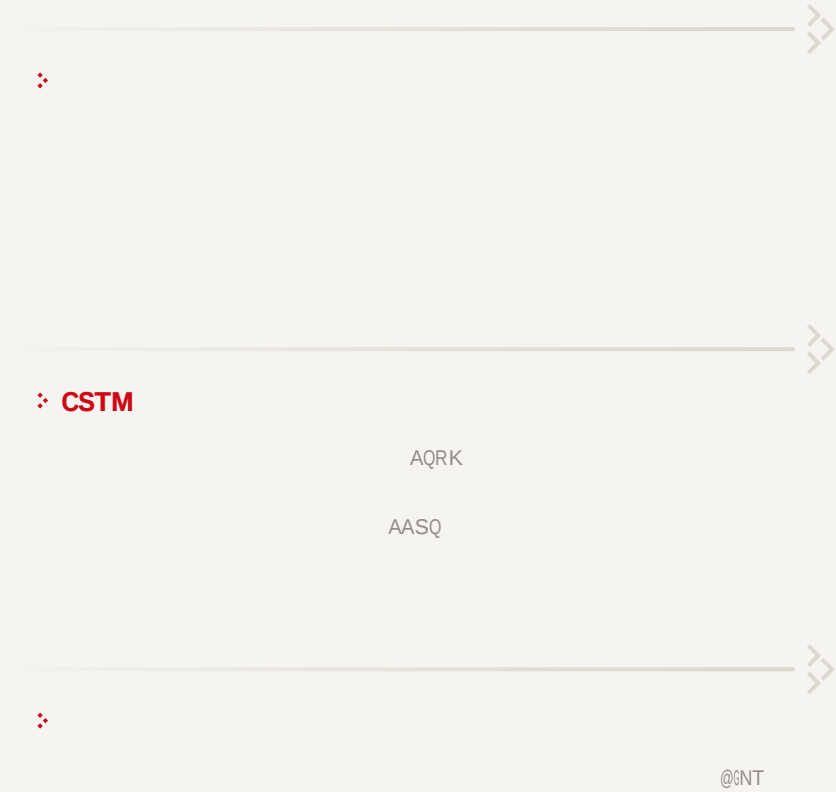
1,52

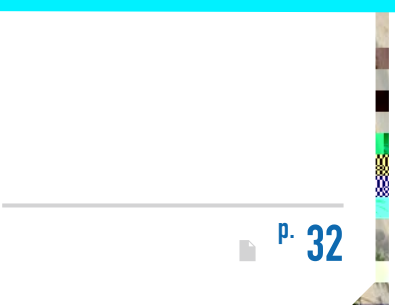
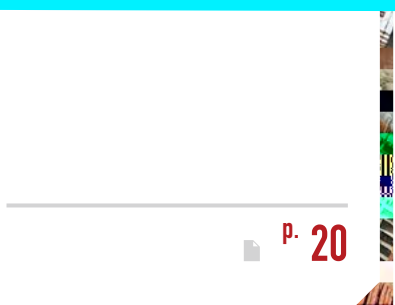
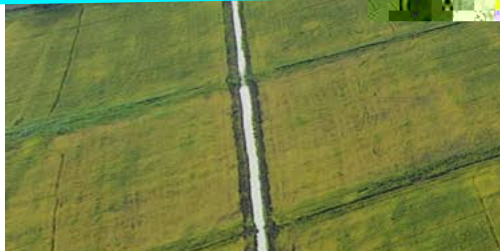
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AM₀ AM₀











▪ 4,155.1

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2021

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2113

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3,2#

064,3

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CIGS
19.8%

T1000

T700/800

2021 10 19

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Solara4 220MW

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01#
144,73
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4,4#
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54.,7
/42,31



2021 9 29

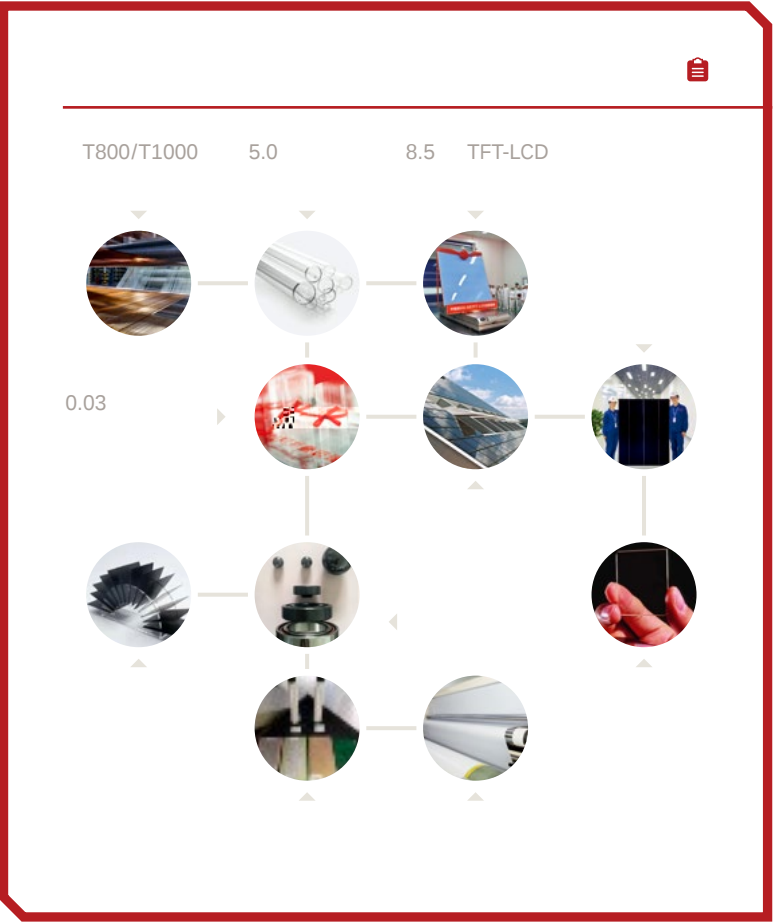
150

2021 7 16

200

150

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/3

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2021



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2422



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6.



2113

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63#



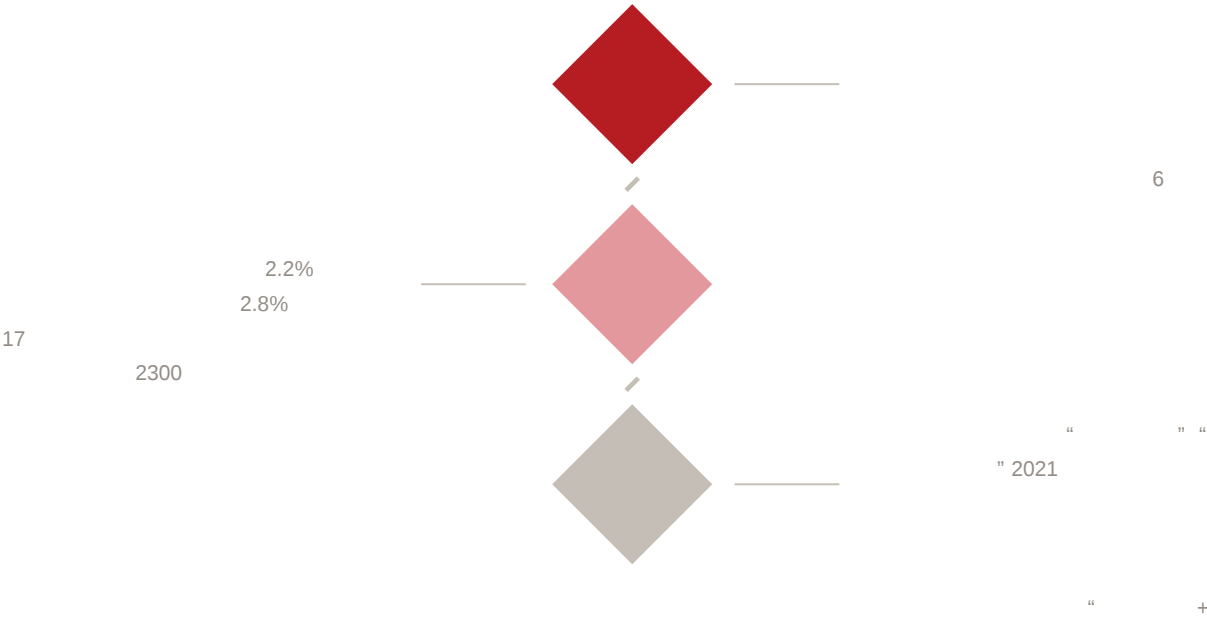
2021

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458

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“ 3433 ”

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223

35,243

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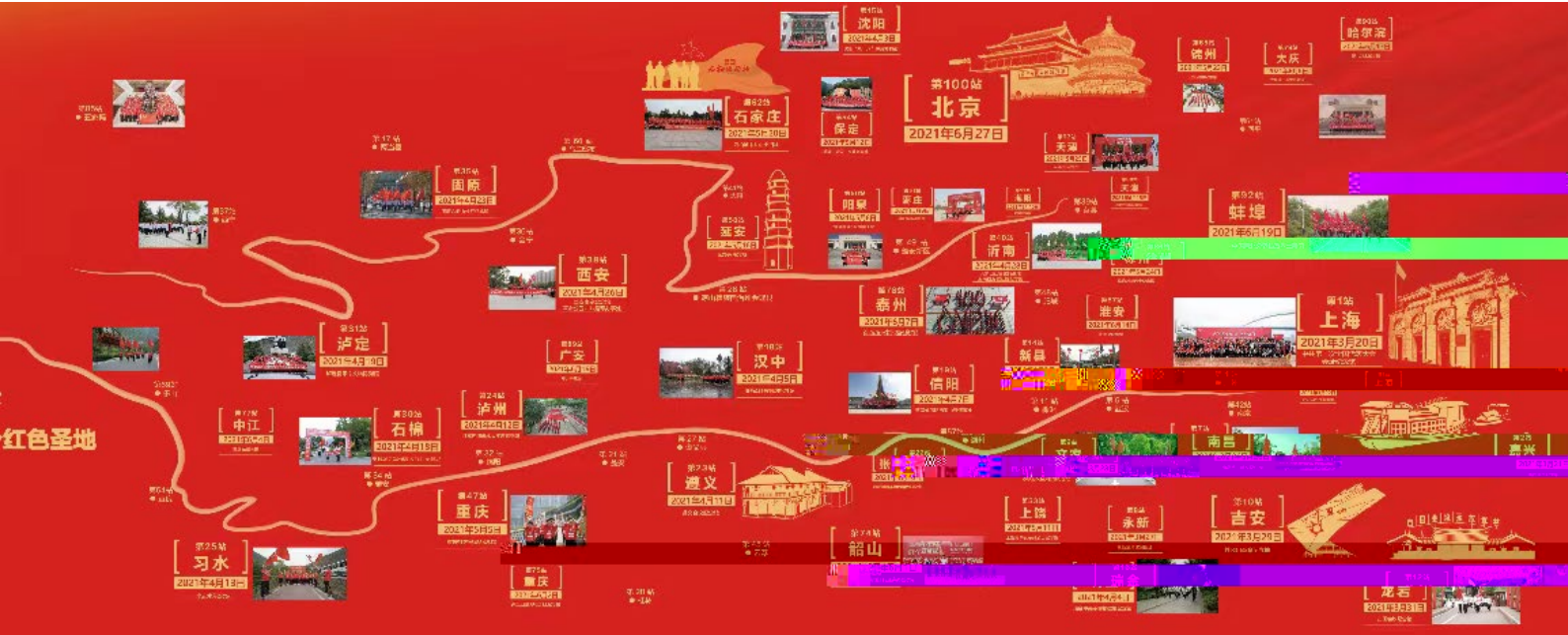
2

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45	/.	/..		
	6	/..		
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		?		

“ ” 2021 3 20 6 27 30 300





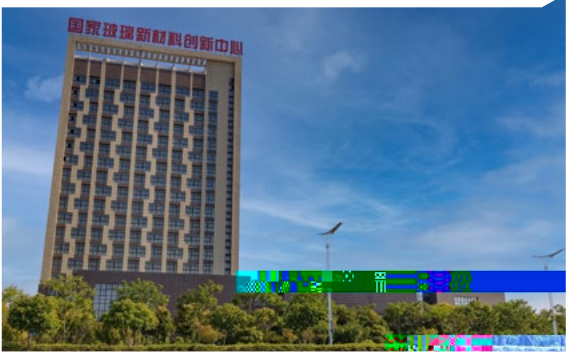
02



2021

■ 147.2		■ 1.76	
	■ 34.7		■ 4,577

11



4

18

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6

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2021

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03



2021

3.8

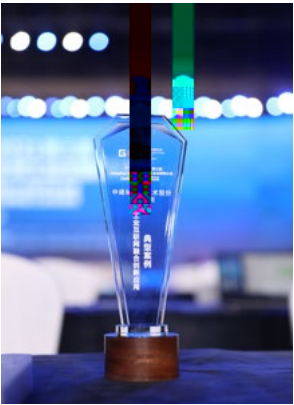
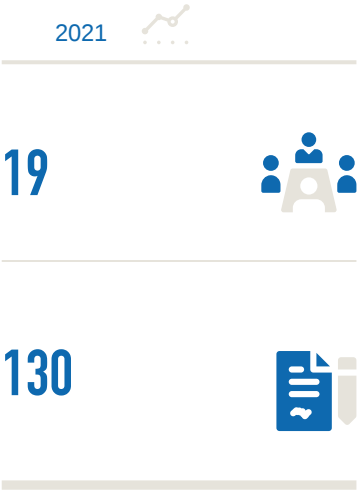
3

17

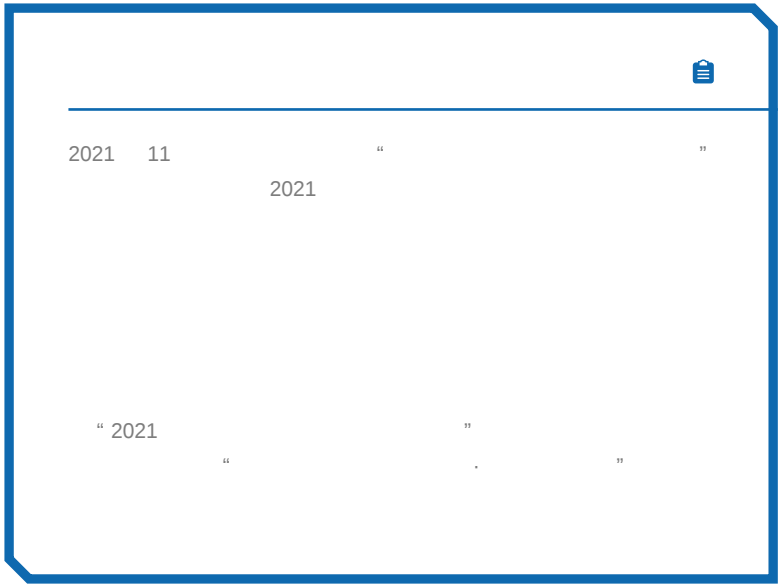
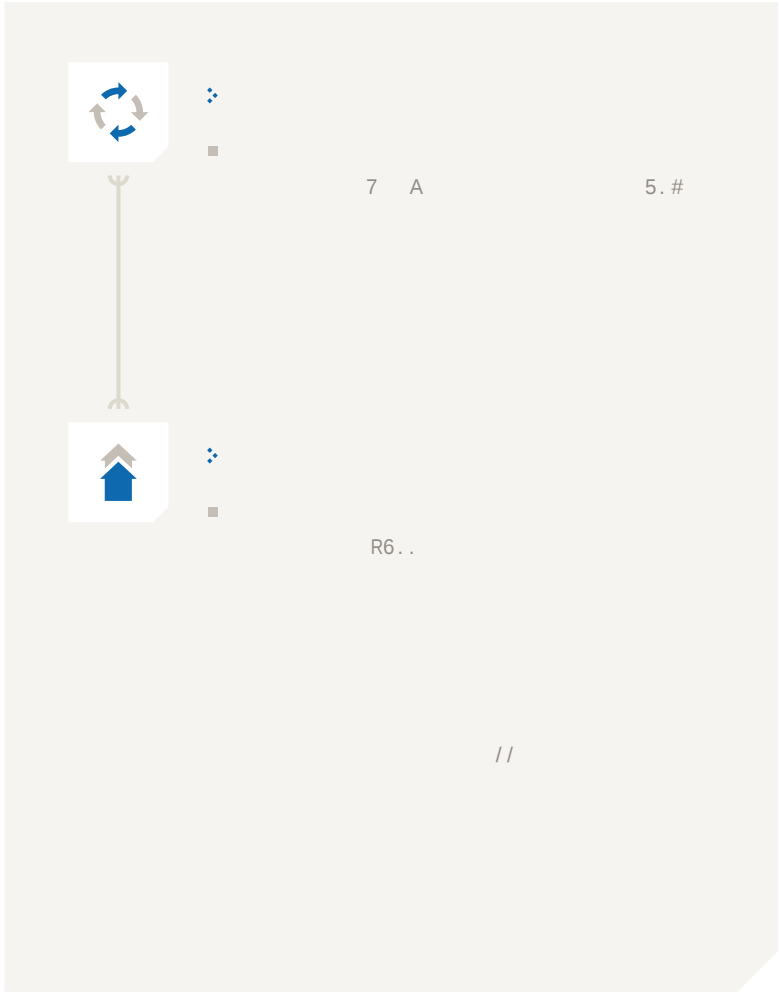


26

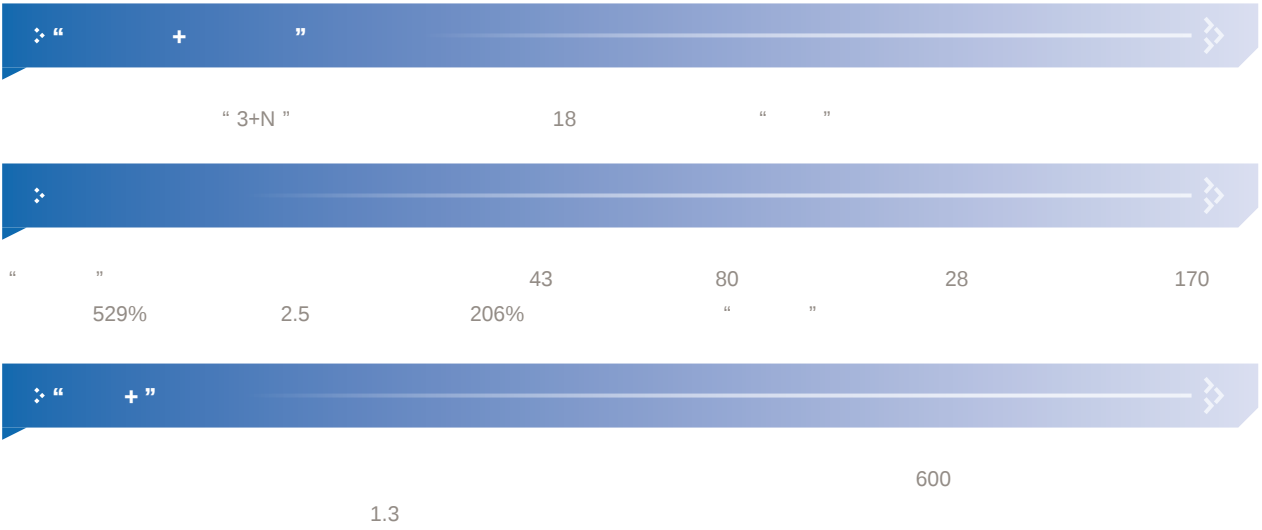




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2021



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C919

8.5

TFT-LCD

TFT-LCD

“十三五”科技创新成就展

创新驱动发展 迈向科技强国

“十三五”国家科技创新辉煌成就

38

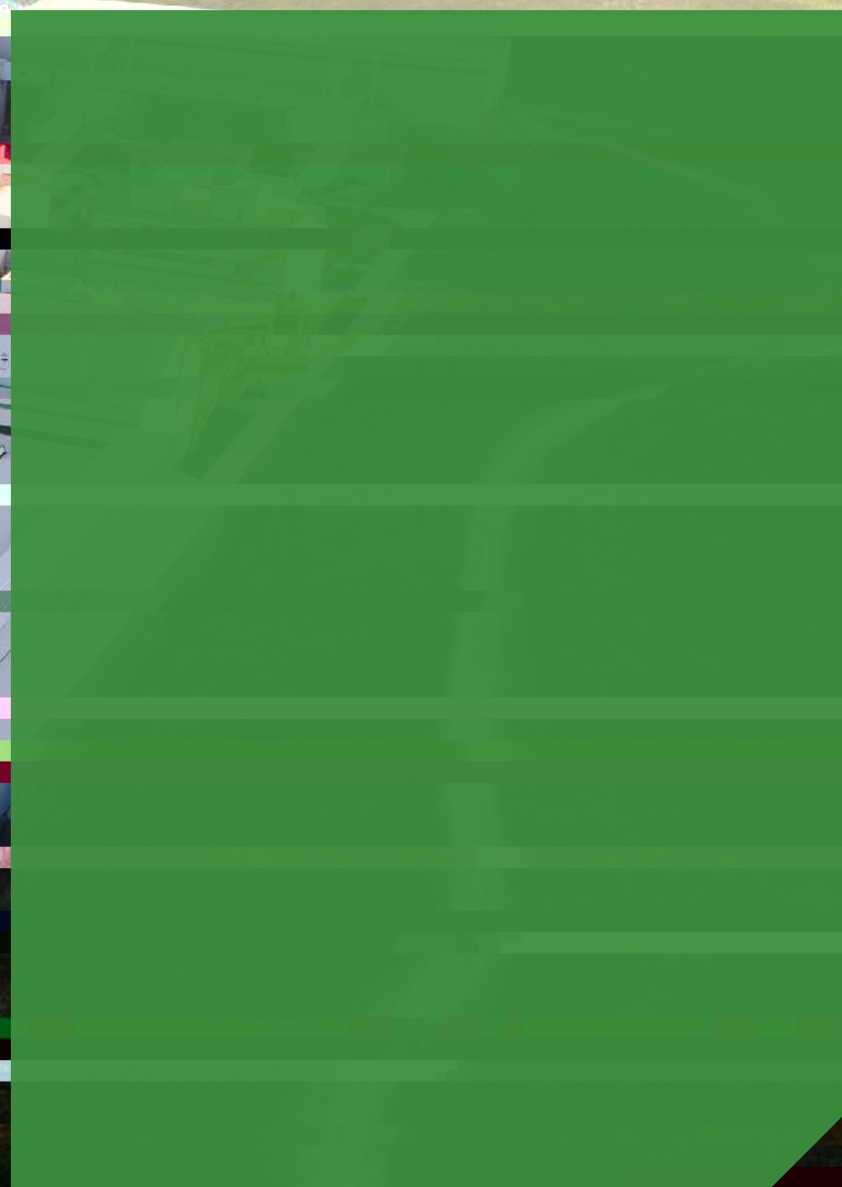
2021

3000

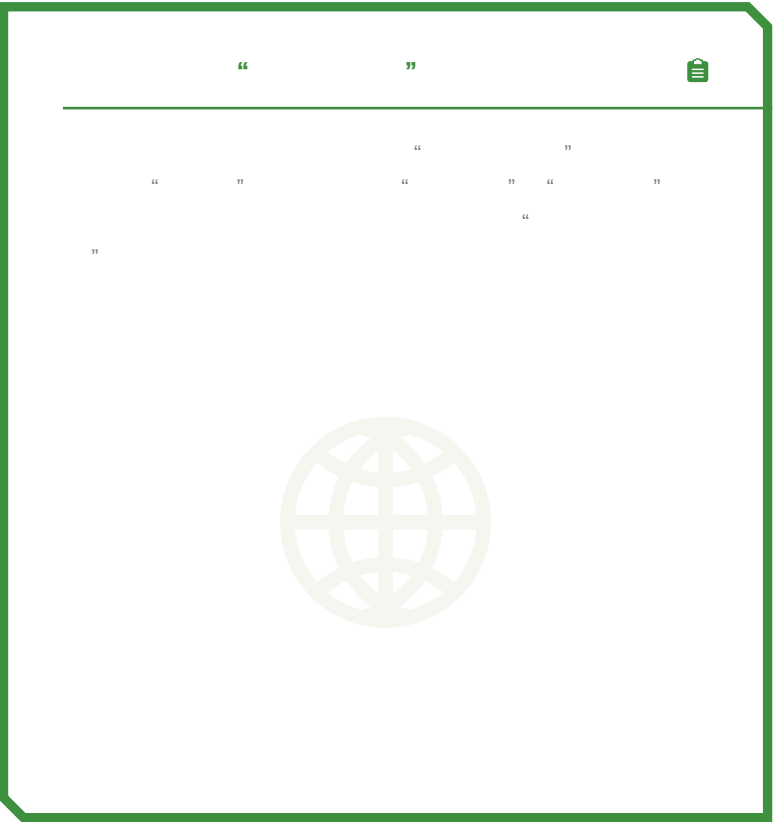


362C





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/6.
7.,3#
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54#
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0.0/

2021



0.60



1.35

 SO_2

16

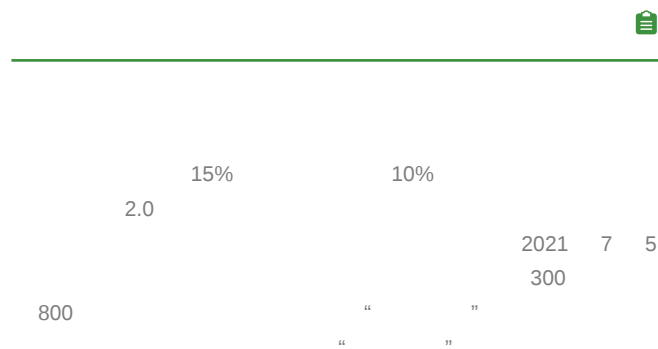
%

 SO_2 NO_x

15

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NO_x



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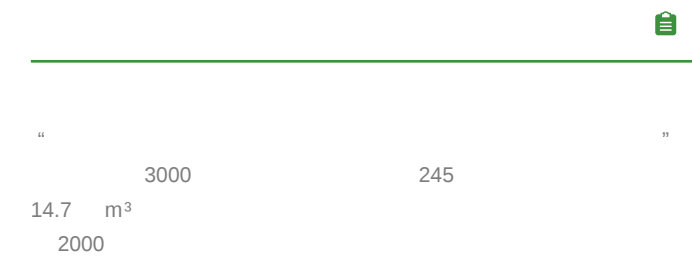
3.

271

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ABK

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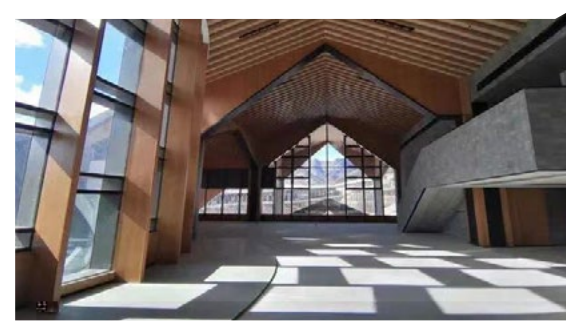


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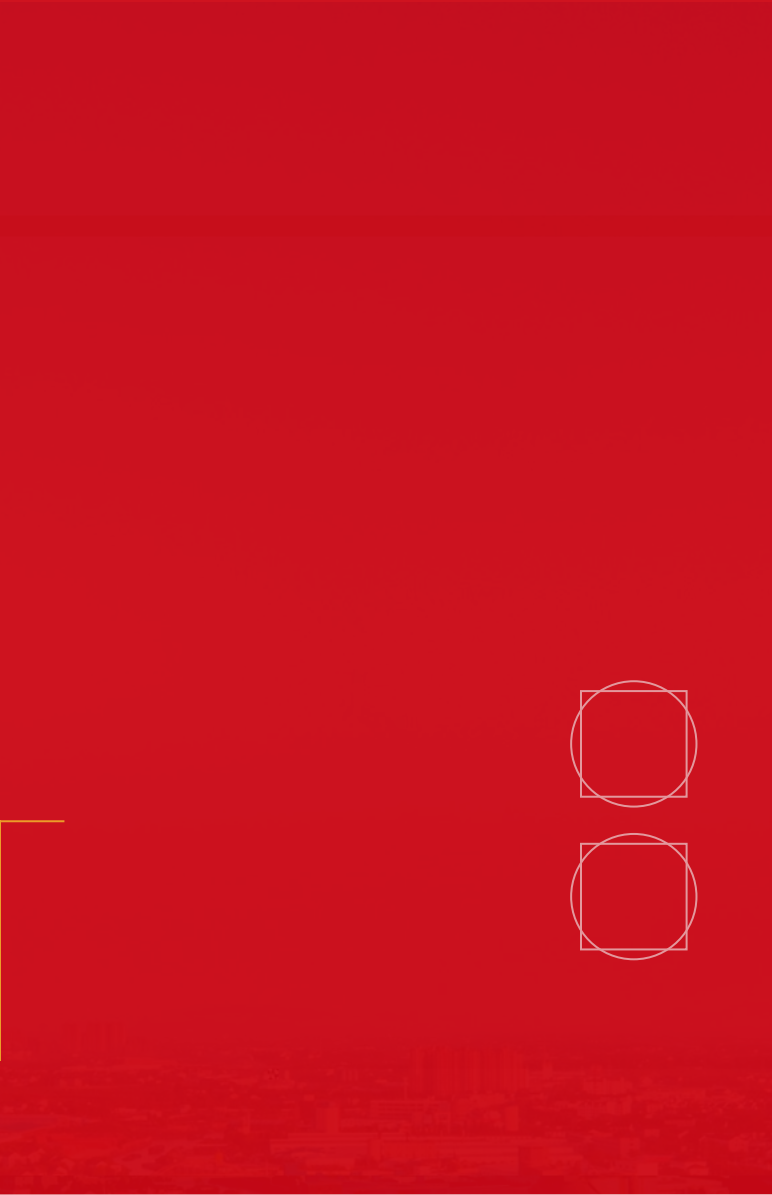
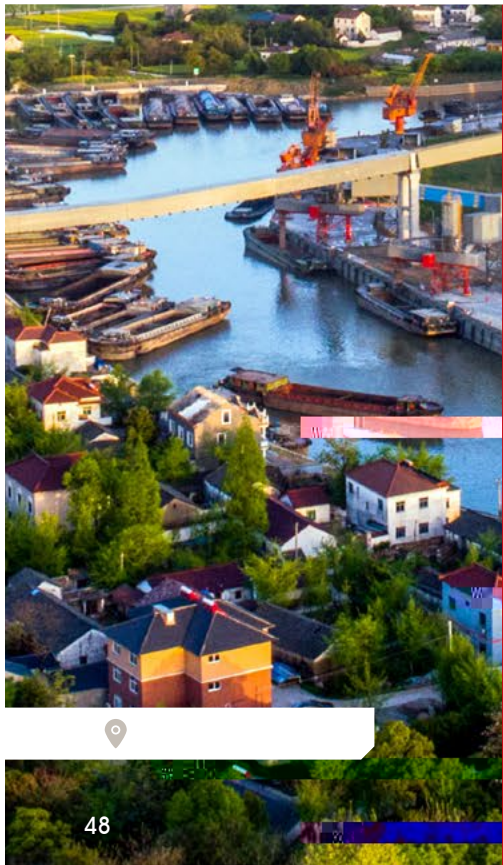
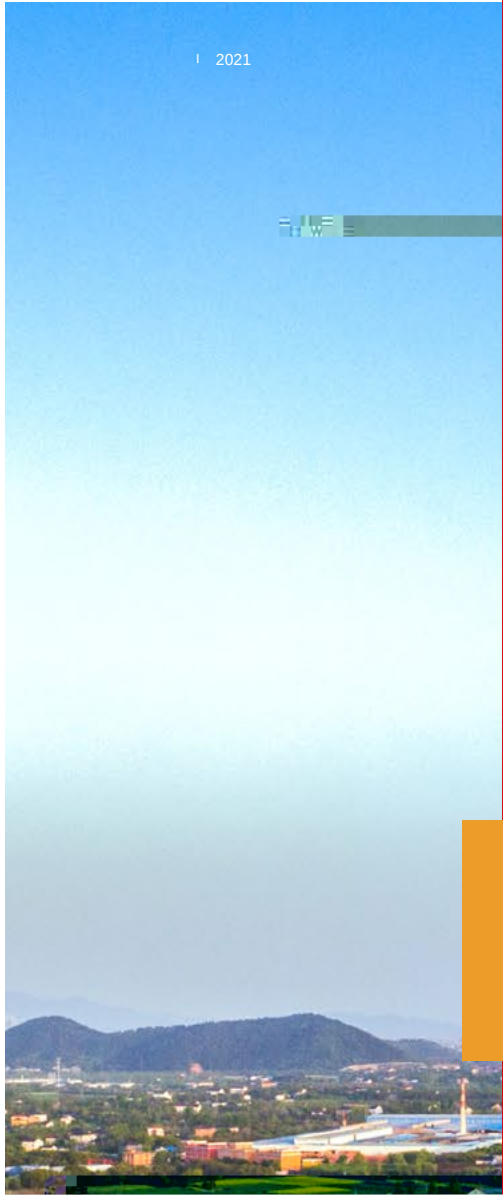


630 165L 46



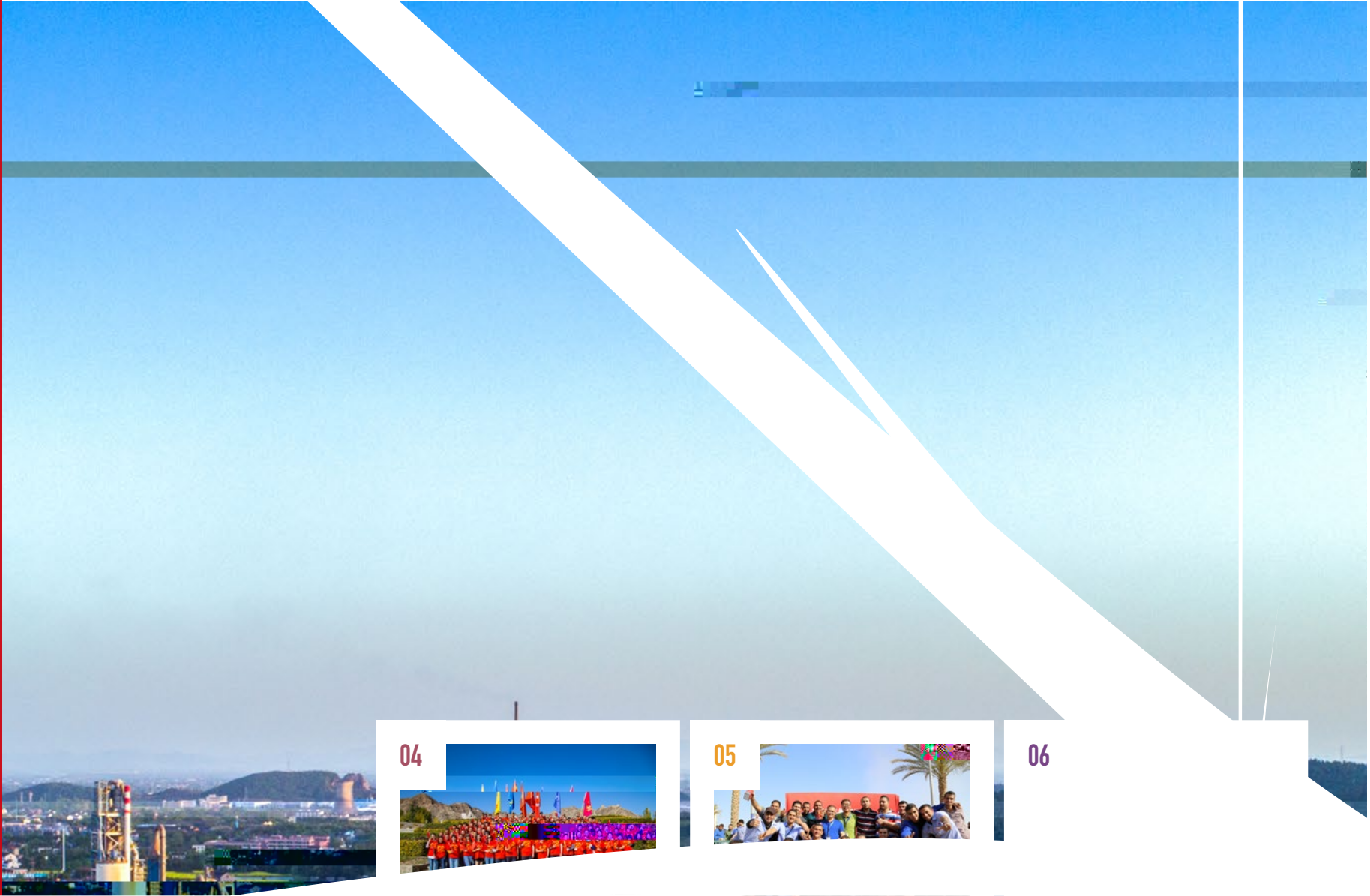
3D





SDGs

- | | | | |
|----------|---------------|----------------|--------------|
| 1 无贫穷 | 2 零饥饿 | 3 良好健康与福祉 | 4 优质教育 |
| 5 性别平等 | 6 清洁饮水和卫生设施 | 8 体面工作和经济增长 | 9 产业、创新和基础设施 |
| 10 减少不平等 | 16 和平、正义与强大机构 | 17 促进目标实现的伙伴关系 | |



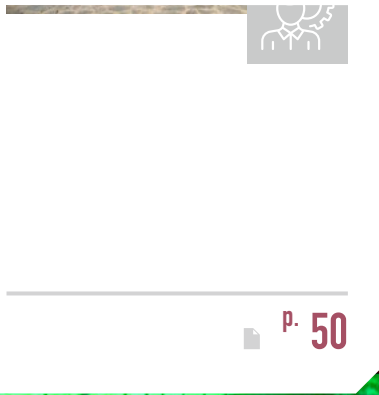
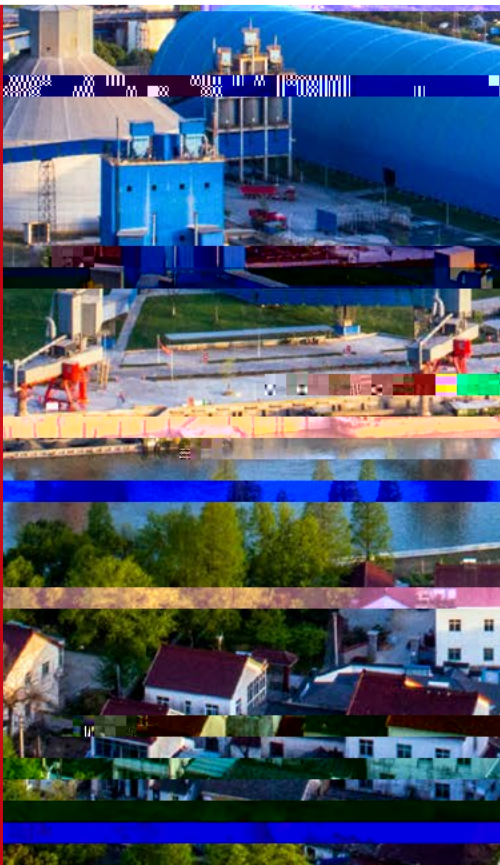
04



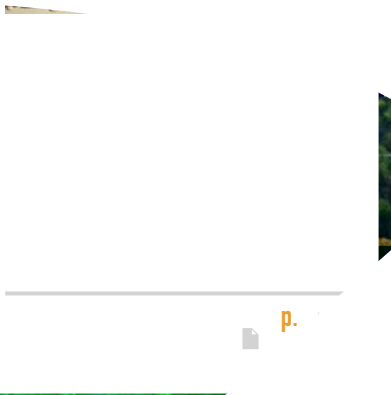
05



06



p. 50



p. 50





04



■ 20.7

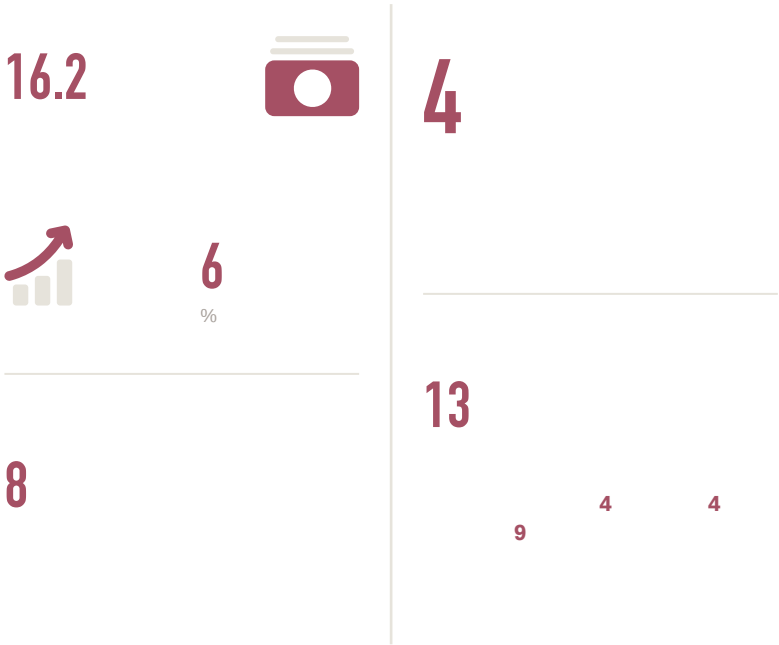


■ 16.2

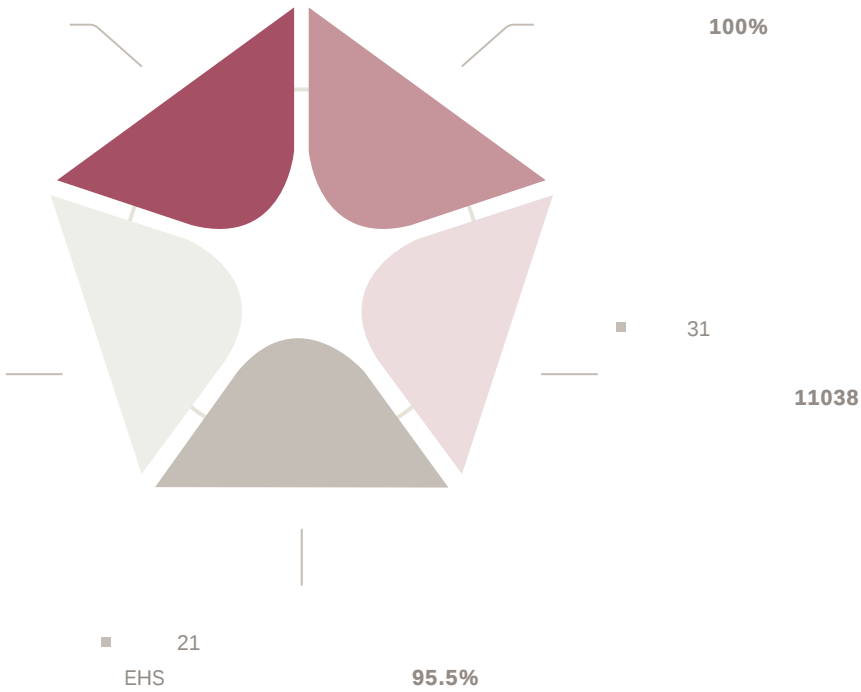


■ 9.5
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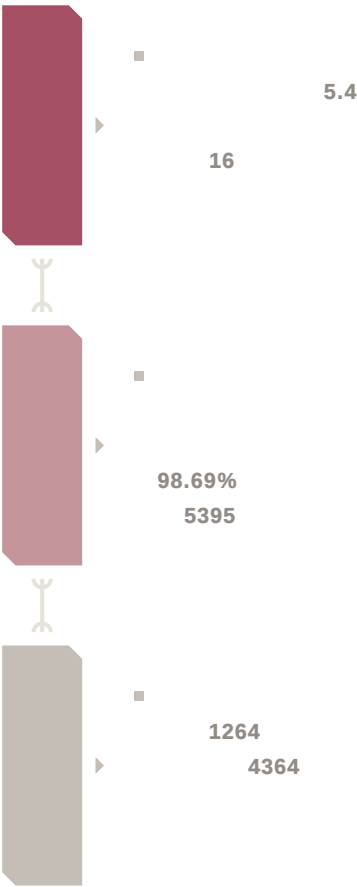
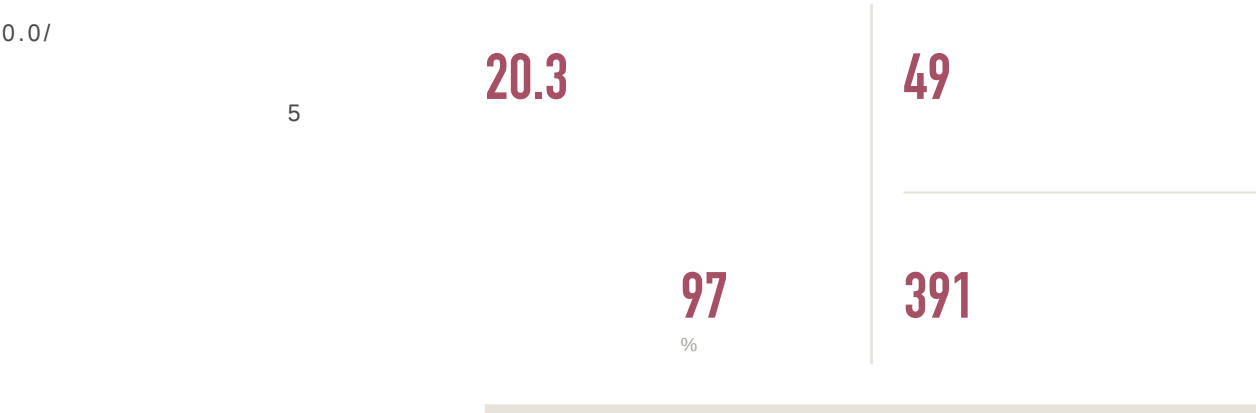
2021



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2021





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10

100%

262

2021

98.6%

14

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36

2021

14.1

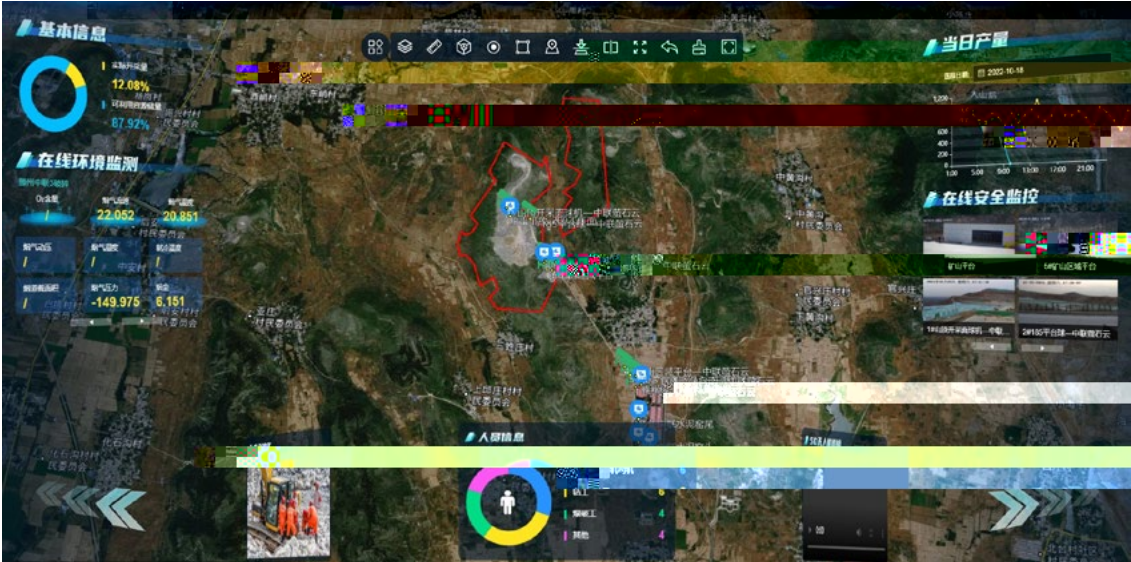
10%

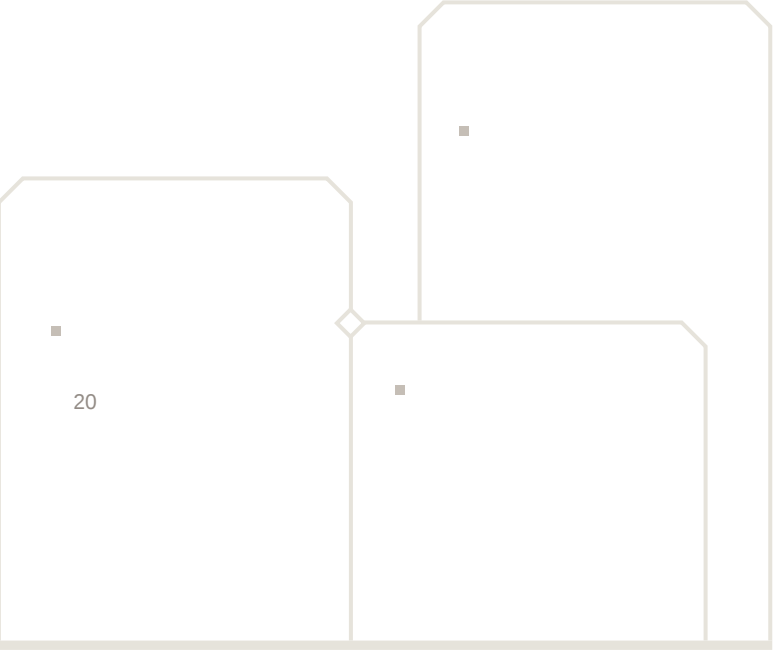
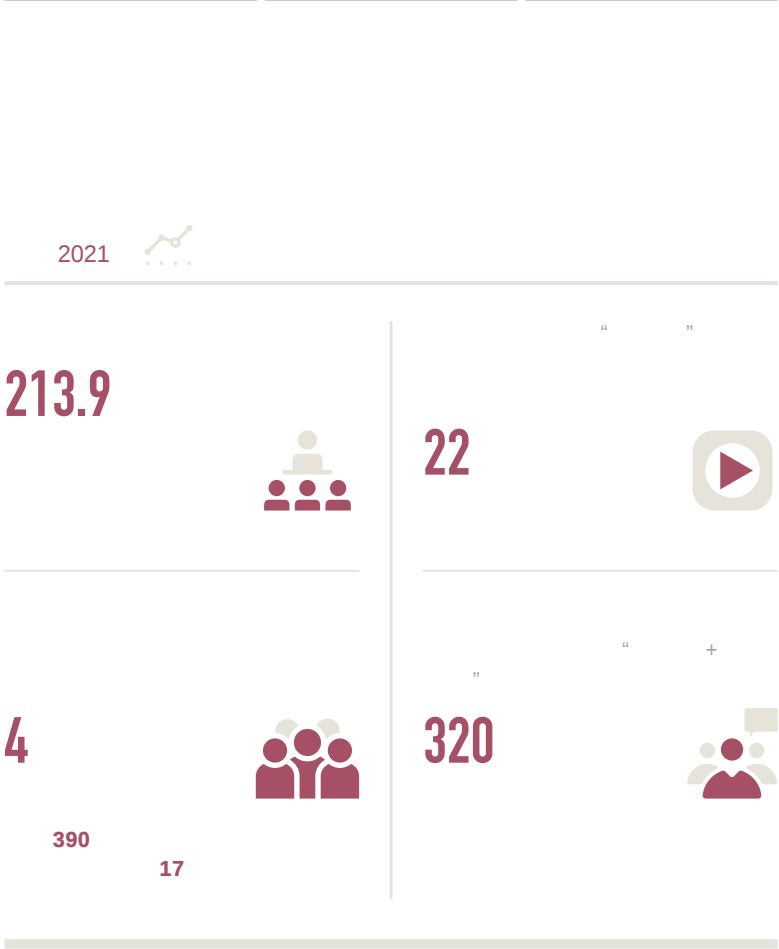
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EMT

2021



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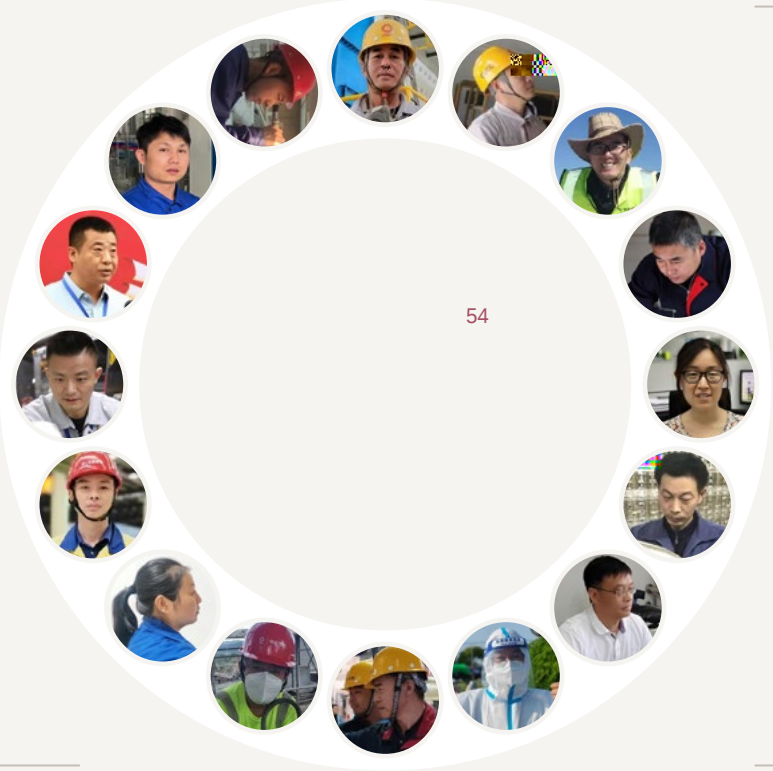
50



30



100



76

196



05



▪ 196



▪ 76



▪ 10,028.32

▪ 25



5

▪ 129

2021

40



608.53

143

196

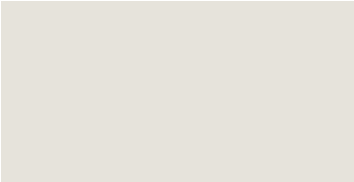
45

76



126.57

500



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▼ 2021 2 25

46

33



▼ 2021 4 19

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2021 

10,028.32

25



129



4 3 2 1

2139 3000 268 2139

4

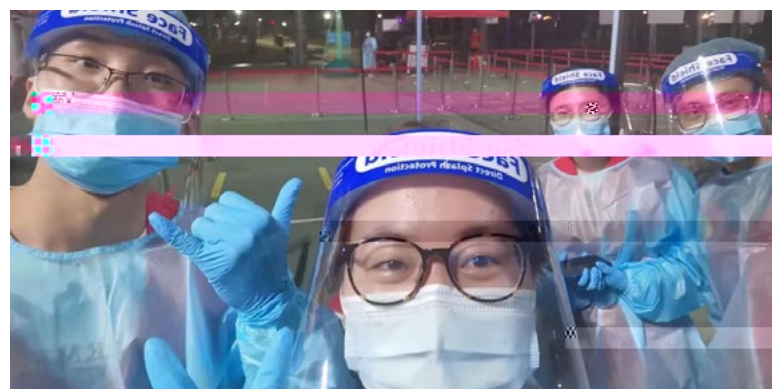
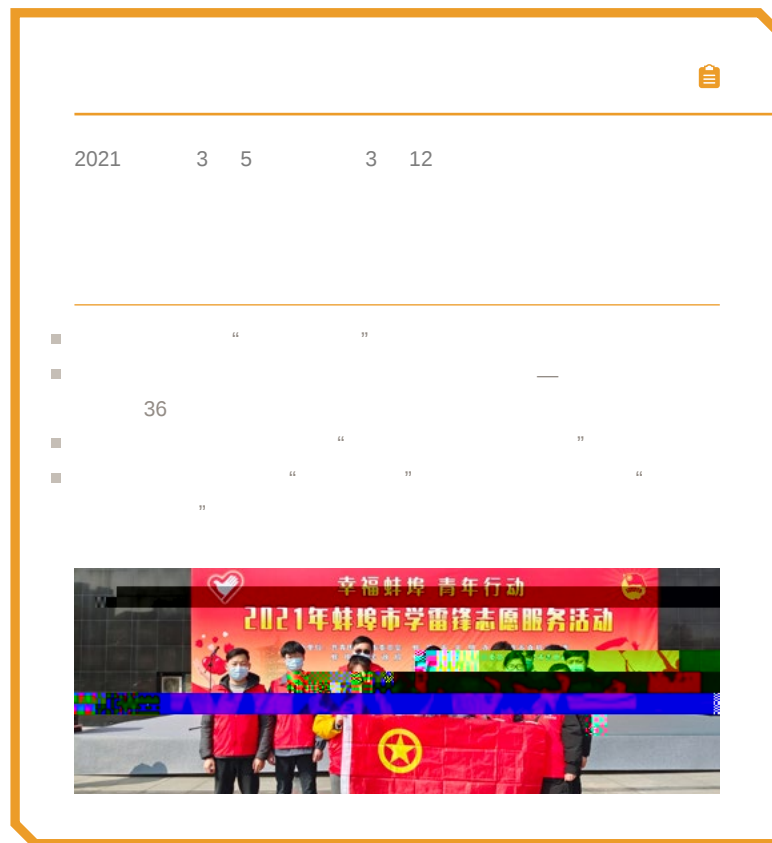
2139

3000

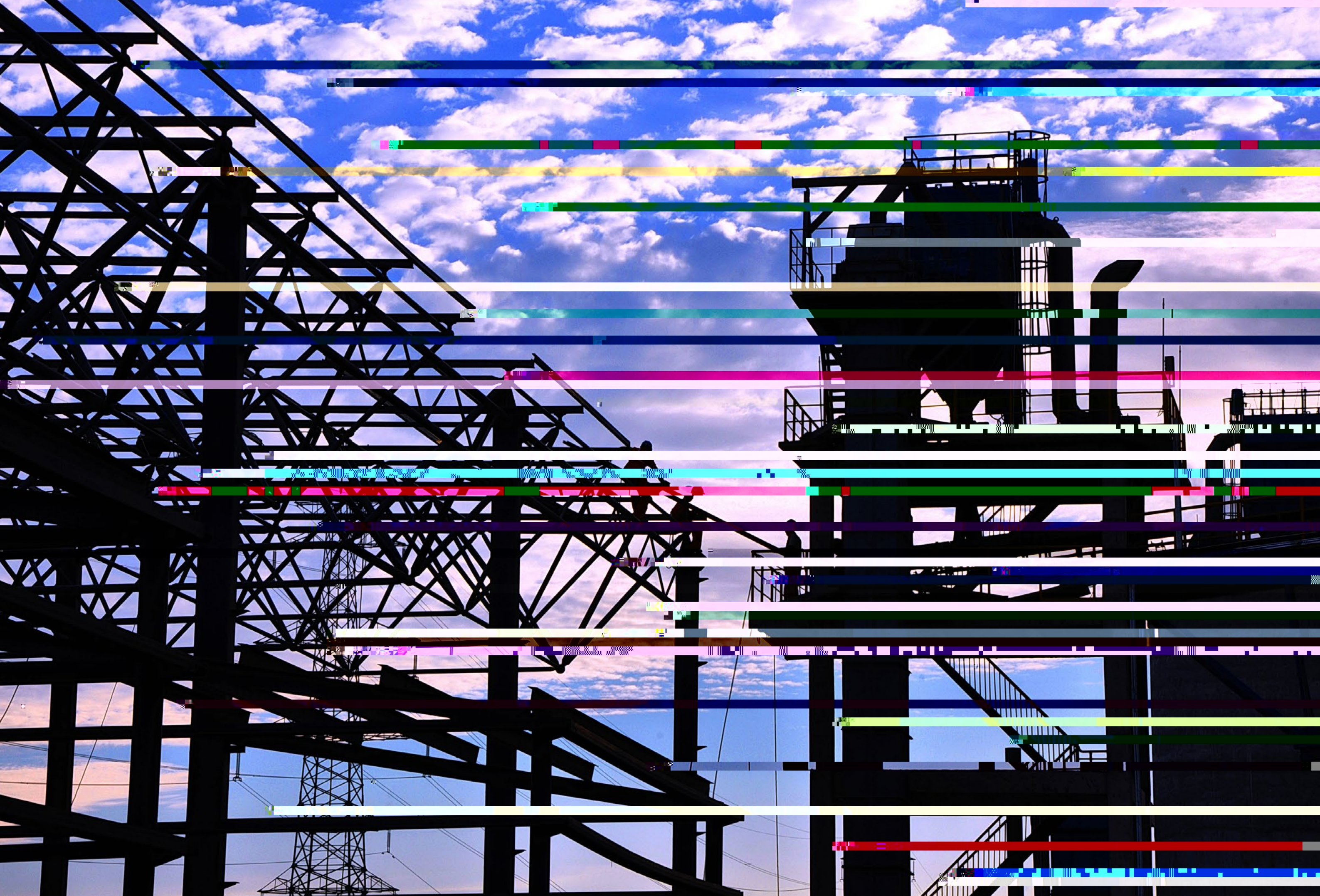
268

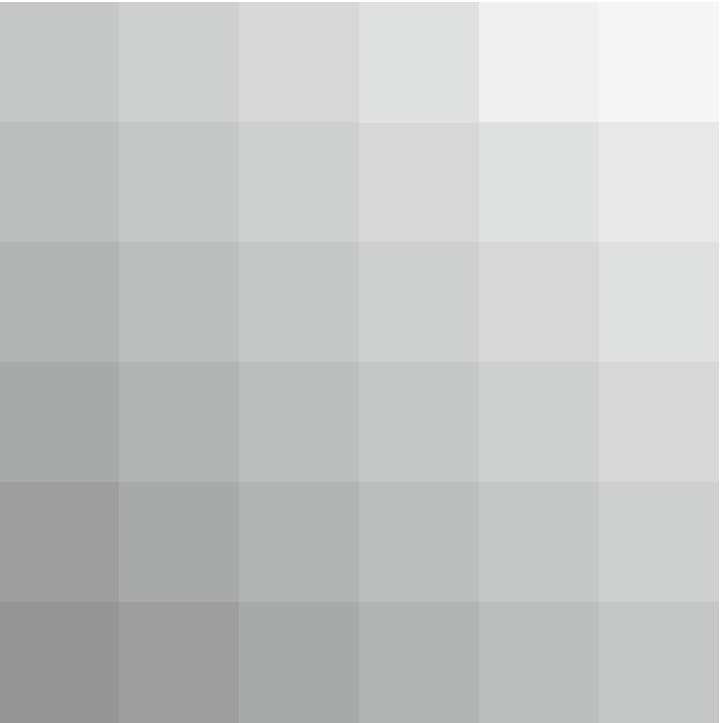
2139

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“ ” — “ ”

2021 9 2

“ ”

5 72 93

5

500

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93



1.)
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2021



99.6

%

391



1,041



193,945



56,525

2,055



179



2021



147,385



100%

99.9

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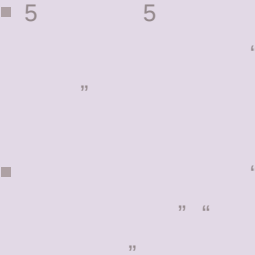
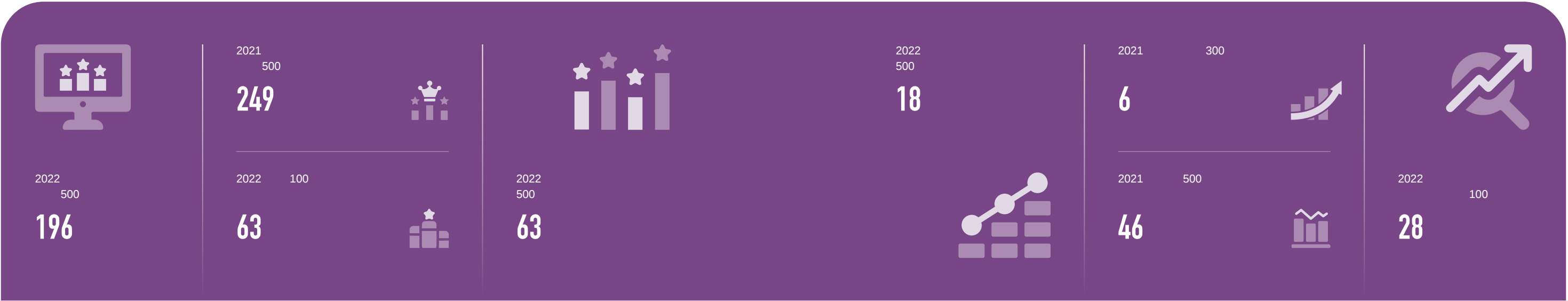


1,152



2.75





2021

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2021

NO.1

ESG 500

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2020

100 2021 100 2021



2021

2022

2022	500	
2022		2021
196		64416.6
252		52211.8
353		39699.5
460	CRH	30981
488	HOLCIM	29362.1

2011-20212011-2021

■ 2011-2021

2021



2011-2021

					%
2021	206910	881	6199	1478	17.9
2020	202844	1036	5725	1731	16.9
2019	204763	483	5808	1729	16.2
2018	208680	1059	5167	1697	18.7
2017	221421	750	5985	1732	18.4
2016	234511	1126	5964	1875	18.3
2015	176610	841	3521	1449	17.2
2014	176854	892	3120	2263	18.4
2013	179421	1234	3031	1685	18.1
2012	165652	1190	2706	1620	13.5
2011	126385	594	3516	1023	11.6

2011-2021

2021	580	104210
2020	531	95554
2019	207	56174
2018	100	35644
2017	74	24093
2016	71	22871
2015	68	22165
2014	67	21750
2013	67	21131
2012	66	20392
2011	53	13368

2011-2021

Year	Number of cases
2021	162000
2020	151500
2019	123697
2018	108357
2017	87032
2016	79527
2015	57249
2014	43221
2013	31363
2012	30324
2011	12191

2011-2021

2021	100	100	84
2020	100	90	78
2019	100	92	78
2018	100	90	78
2017	100	98	92
2016	100	98	91
2015	100	98	91
2014	93	88	70
2013	96	92	75
2012	96	92	80
2011	94	91	73

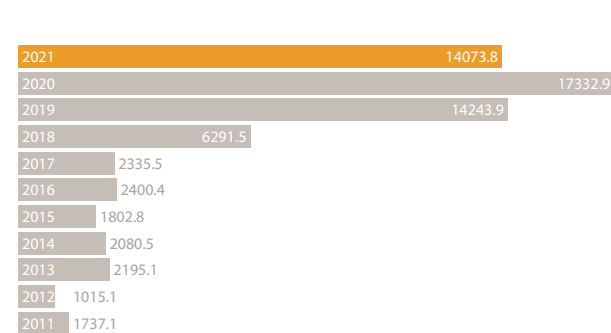
2011-2021

2021	77120	250	2431
2020	84771	215	2628
2019	107787	137	1679
2018	75187	485	1424
2017	52676	112	2251
2016	47554	331	3028
2015	32672	133	2882
2014	43352	91	3520
2013	37491	164	2387
2012	21028	126	1138
2011	11975	108	1580

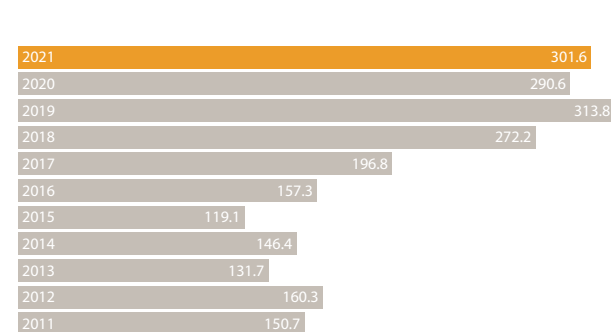
2011-2021

	%	
2021	0.2	0
2020	0.2	0
2019	0.4	1
2018	0.5	1
2017	0.5	2
2016	0.5	0
2015	0.9	3
2014	1.3	2
2013	1.6	1
2012	2.3	3
2011	1.4	19

2011-2021



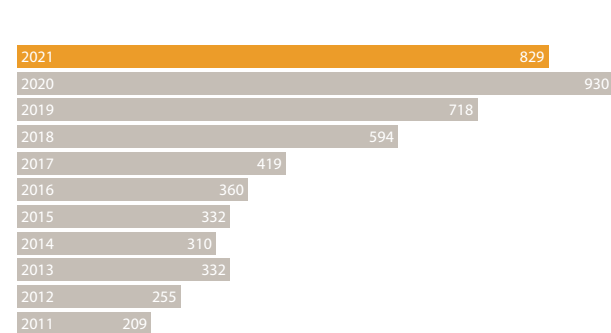
2011-2021



2011-2021

2021	16	109	200	85	37005
2020	20	99	298	128	53145
2019	22	113	284	132	52689
2018	18	73	188	118	45464
2017	14	72	155	163	31519
2016	8	37	266	134	34030
2015	8	36	159	47	26586
2014	31	53	227	97	28619
2013	18	112	506	119	36530
2012	20	136	466	98	17815
2011	27	—	727	—	—

2011-2021



2011-2021

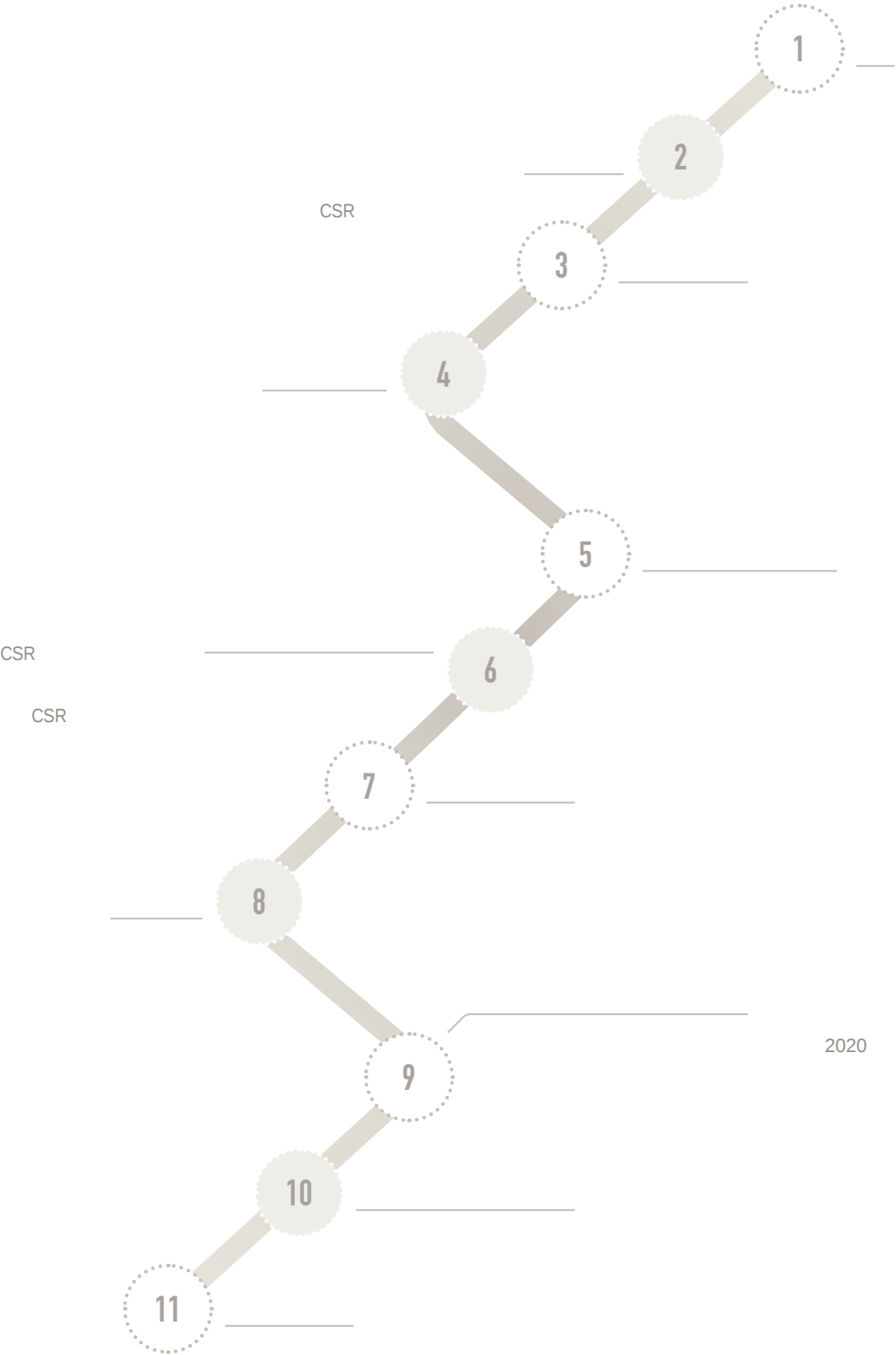
2021	35170	3375	2
2020	22032	3667	24
2019	27763	3890	22
2018	26553	3626	141
2017	29612	4727	139
2016	22342	3129	23
2015	16929	2473	10
2014	23617	3848	46
2013	16081	4383	158
2012	15901	3743	521
2011	21182	4276	241

2011-2021

2021	221	180	11517	74568
2020	192	190	10121	49220
2019	213	2219	10343	40192
2018	189	126	6853	44445
2017	335	363	5334	25164
2016	112	344	5646	28157
2015	56	191	2187	14840
2014	65	145	3400	9418
2013	109	145	4864	10681
2012	67	91	3337	39778
2011	—	—	—	10618

		SDGs	GRI	GRI Standards	CASS-CSR4.0
		-		102-46 102-50-102-53	P1.1-1.3
		-		102-14 102-15	P2.1-2.2 P3.1-3.2 M1.6-1.7 M2.4 S1.4 S4.12
				102-1 102-2 102-4-102-8 102-10 102-16 102-18 102-22 102-24	P4.1-4.4 G1.1-1.2
		    		302-1 302-3-302-5 305-1 305-5 305-7	E2.1-2.5
		   		102-2 102-26 102-30 203-1-203-2 205-2	M1.1-1.3 M1.6-1.8 M2.2 S1.1-1.2 S1.4
		   		201-1 203-1-203-2	M2.4-2.5
		     		304-1-304-3302-1 302-3 302-5 305-1 305-5 305-7 307-1	E1.1 E1.3 E1.8 E1.9 E2.1-2.5

	SDGs	GRI Standards	CASS-CSR4.0
	    	403 404-410	S2.11-2.15 S2.2-2.4 S2.7-2.8 S2.10 S2.17-2.18 S3.1-3.7
	      	201-1 203 204 413 415	S4.1 S4.5-4.11
	 	102-12-102-13 102-40-102-44 102-9 418	G6.1-G6.3 M2.9-2.15 M2.17-2.18 E2.24
	-	-	A1
	-	-	A2
	-	102-55	A5
	-	-	P1.1
	-	-	A4
	-	102-53	A6



2021

2021

CASS-CSR 4.0

2020

1.

2.

3.

4

2021

ESG

2021

93.59%

62

2021

50

2022 10 25

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Chinese Expert Committee on CSR Report Rating

黄群慧

张洪忠

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