

“ ” “ CNBM ”

“

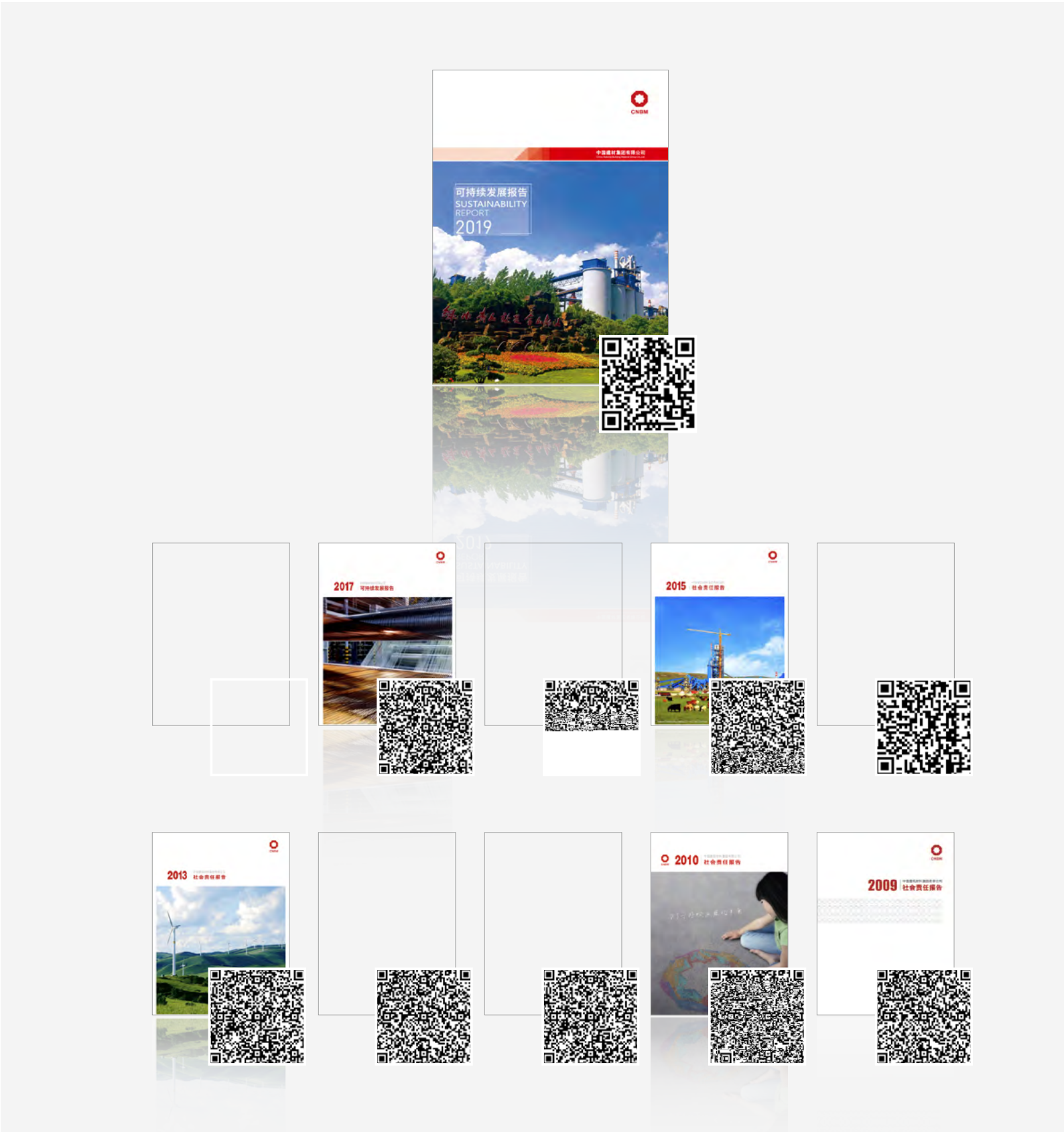
” “ ” “ ”

2019 1 1 -12 31

2030 GRI ISO 26000 SDGs 2010 GB/T36001-2015 GRI4.0 GRI-standards CASS-CSR4.0

PDF

www.cnbm.com.cn



14

.....16

.....20

.....22

24

.....26

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.....30

32

.....34

.....36

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.....42

44

.....46

.....50

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54

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64

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.....70

.....72

.....74

CONTENTS

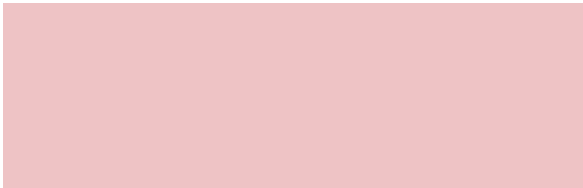
.....04

.....06

.....76

.....82

.....84



“

”

“

”

2019

ω

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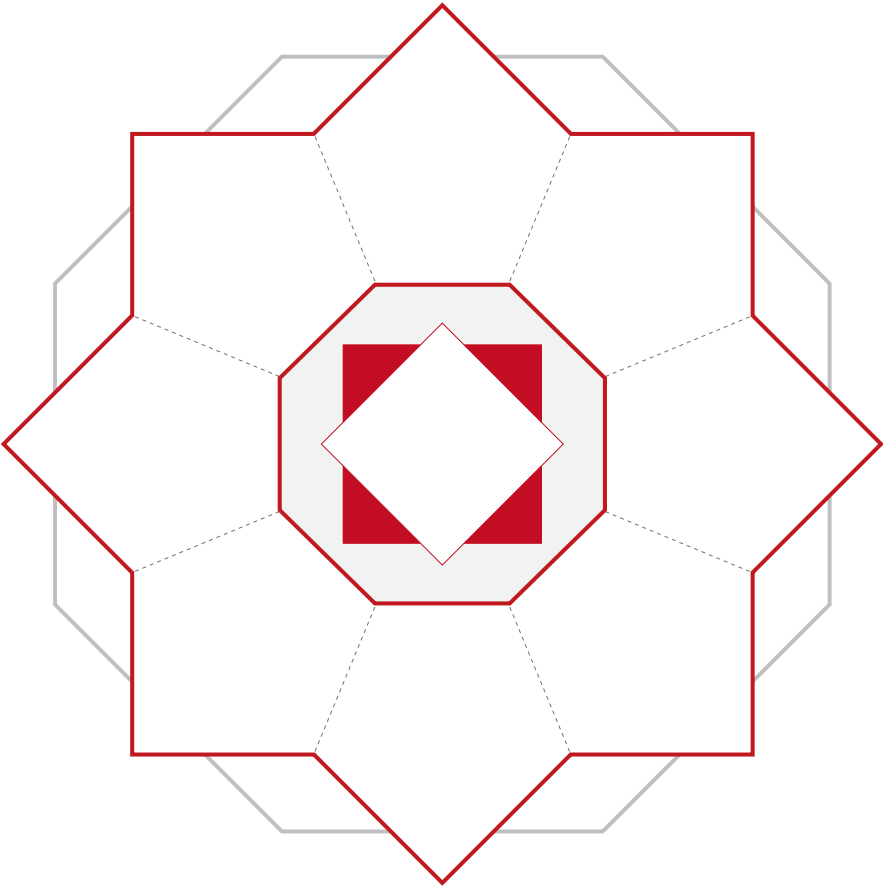
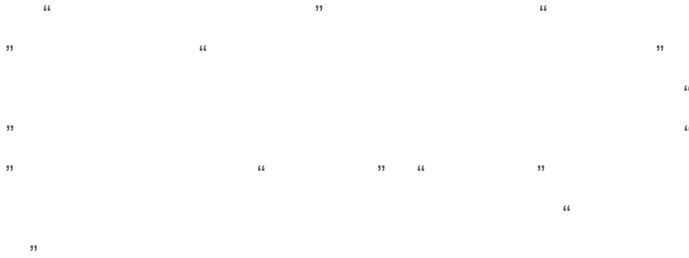
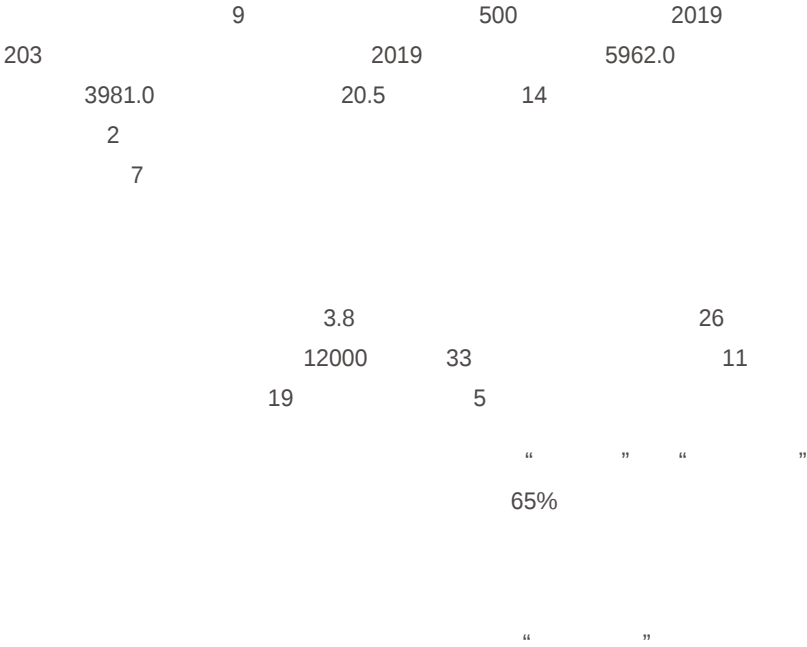
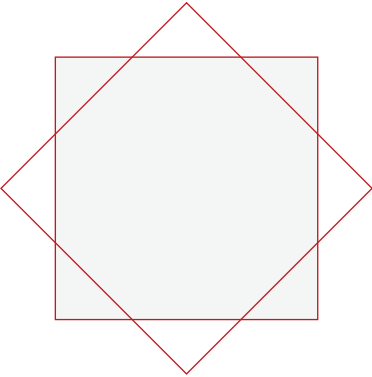
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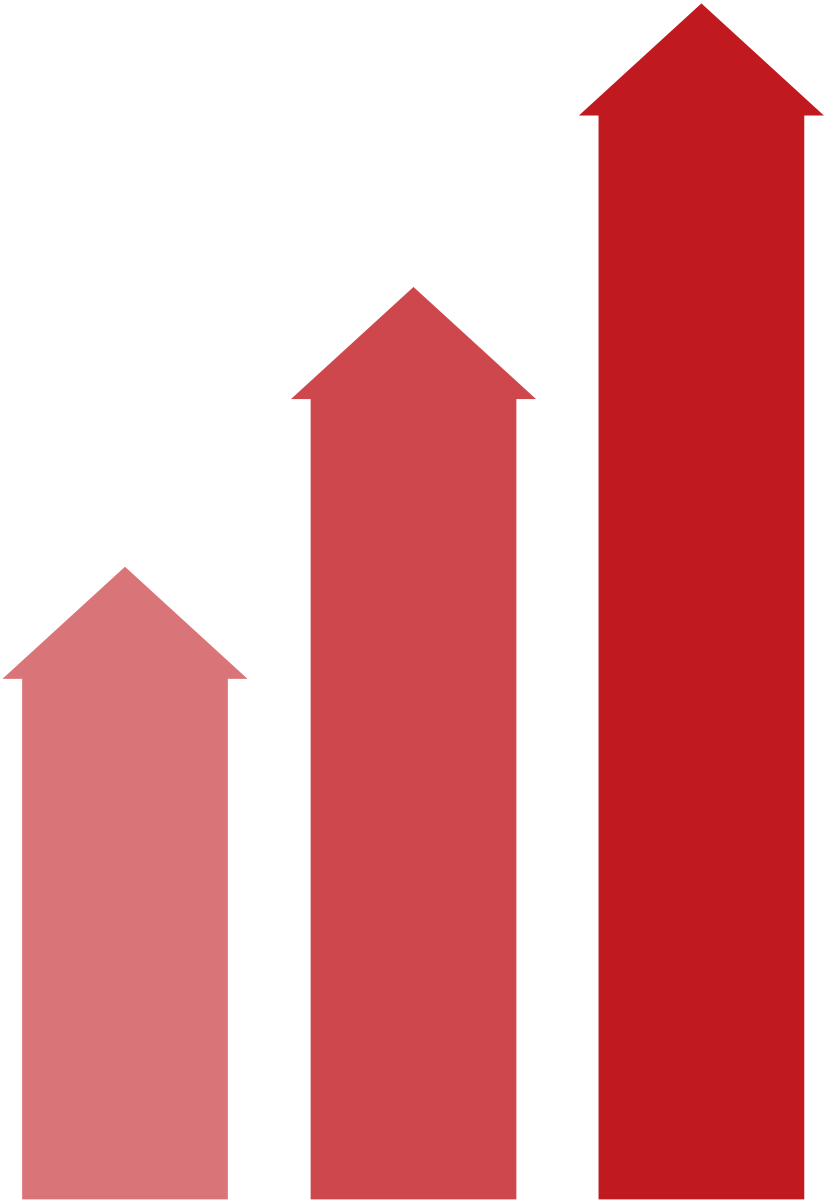
70

2016

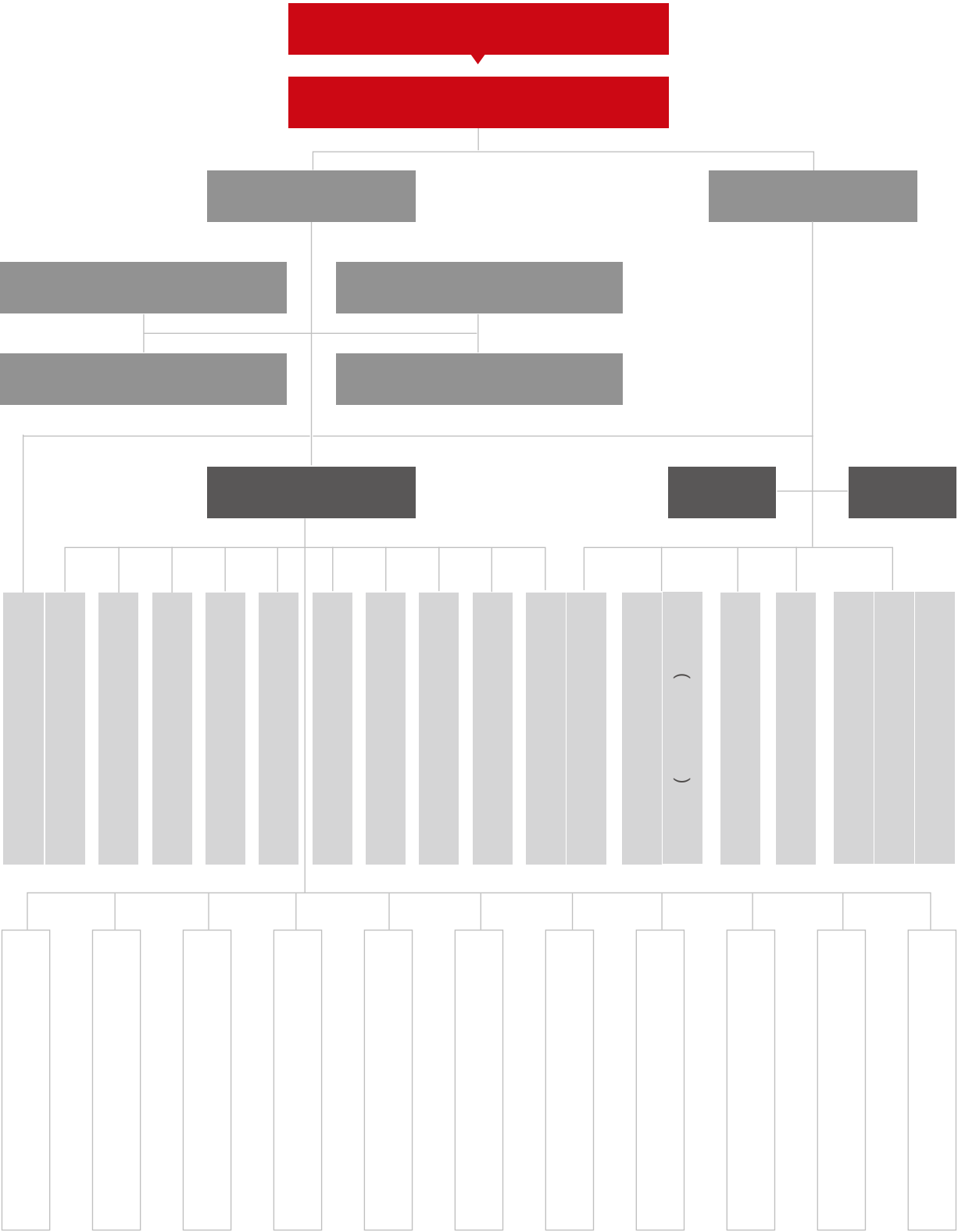
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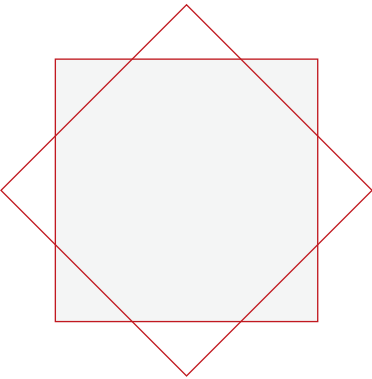


4









2019

3981

235

500

500

16.6

9

7

2019

“

”

“ 1+1>2 ”

8

3



2019

“ ”

6

100%

98.5%

“ ” “ ” “ ”

“ ” “ + ”

“ ”

“ ”

7

2019

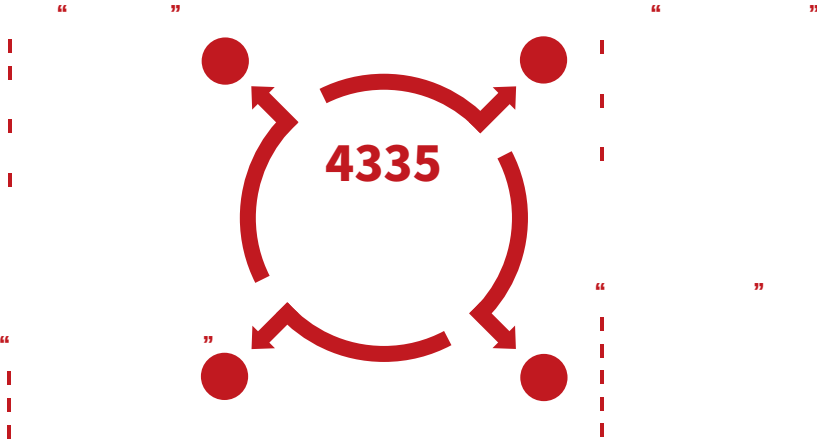
f-CaO	92KG 95%	68	80 30%
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2019 “ ” 2 “ 4335 ” 1 7 4 “

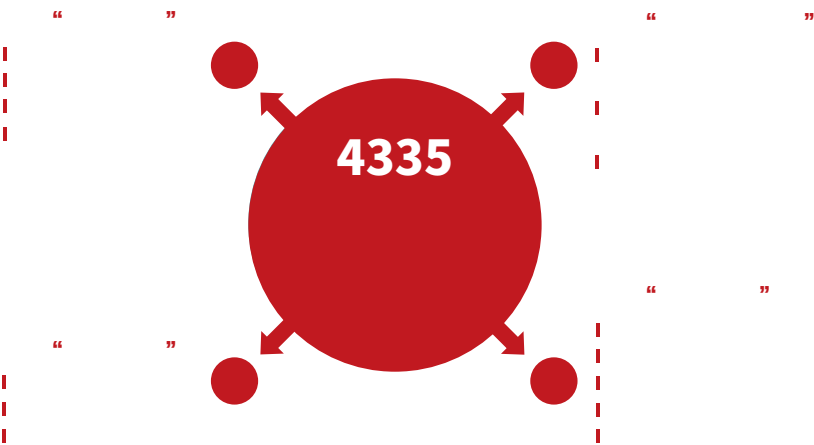
“ ” “ — — ” “ ”



4335



4335



◆

◆

◆ 8.5 TFT

◆

◆

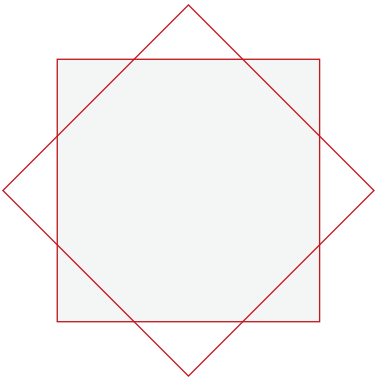
1 G3

“ ”

2019 3

.....





2019 1278
110 52.5 35%

CNBM SINOMA
2019
“ 100 ” “
() 100 ”

“ “ “
” ” ”

2019
5 10
“ ” 4 “
” OA “ ” 5
1 3
“ ” 61

4

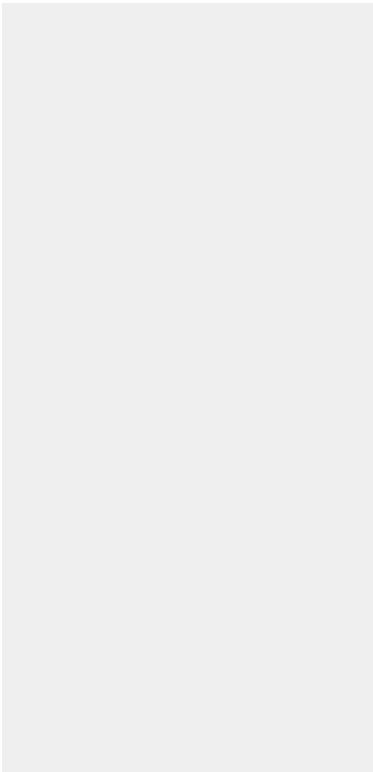
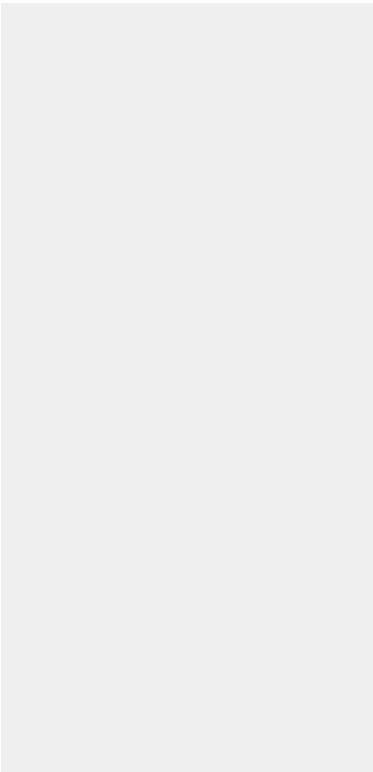
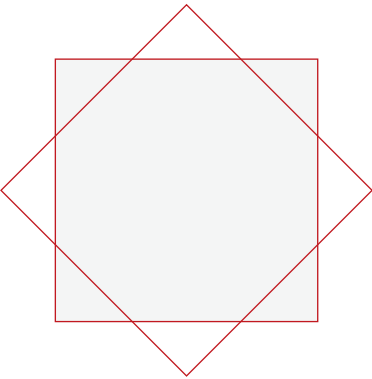
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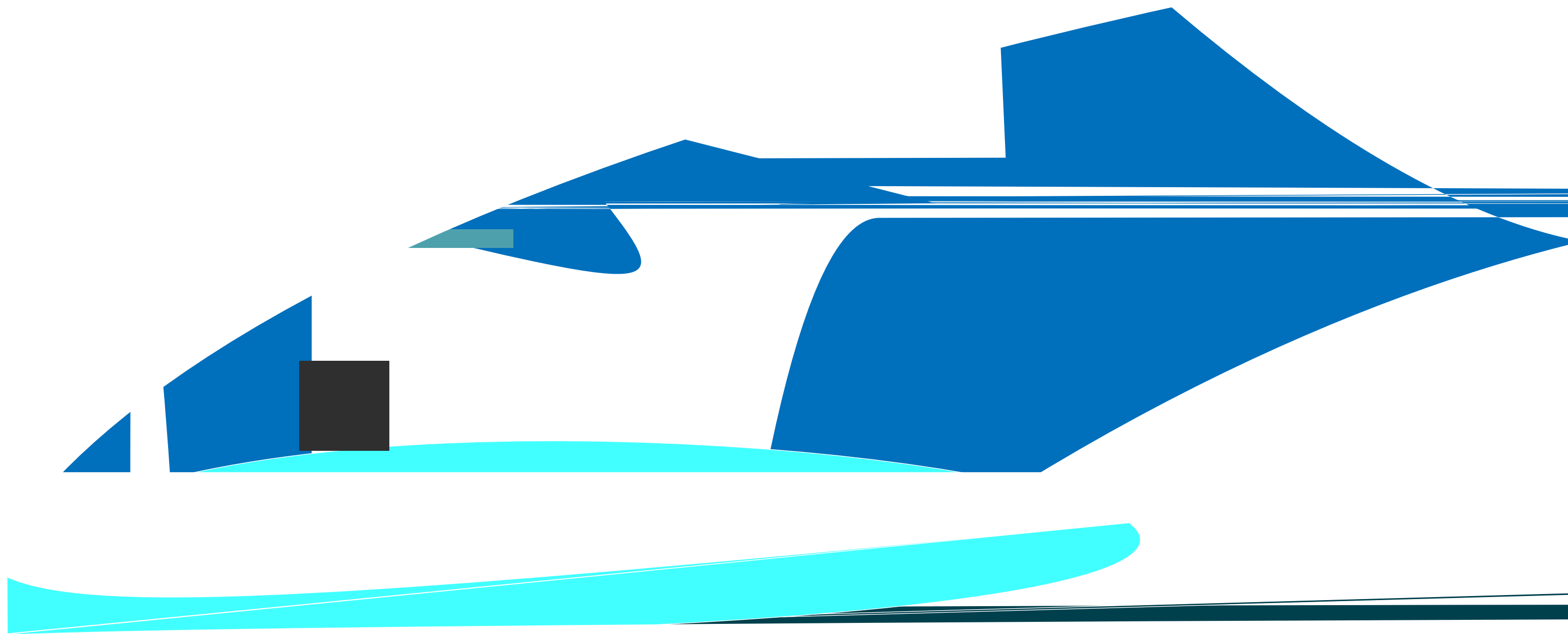
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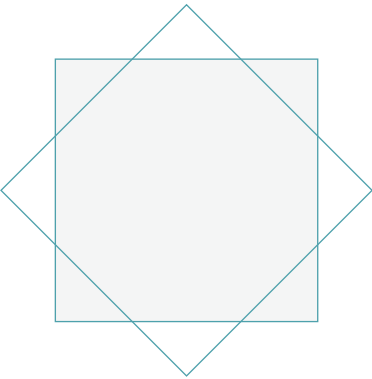
“ ”

“ 2422 ” 70.4% 1.3
8% 27% 7
70 464 43 42 34
20% 100
50 “ ” 50 80









2019

17

88



+ ” 6 2019 “



17 CSTM 35



2

17
6
26
3
7
2
13
20
4
329
23
10
6
3

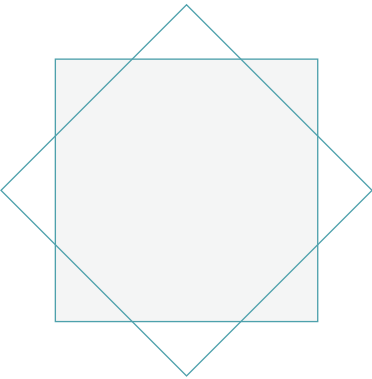
“ ” 2019 9 “ ”

2019

3.8

10

17



“ ” ”

“ ”
2019 12124 5
100 3 1
3 47 “ ”
25

8.5 TFT-LCD

2019 9 18 3 28

8.5

65

8.5

2019

8.5 TFT-LCD

“ ”

2019 4 6



2019 2 18

2019

12,124

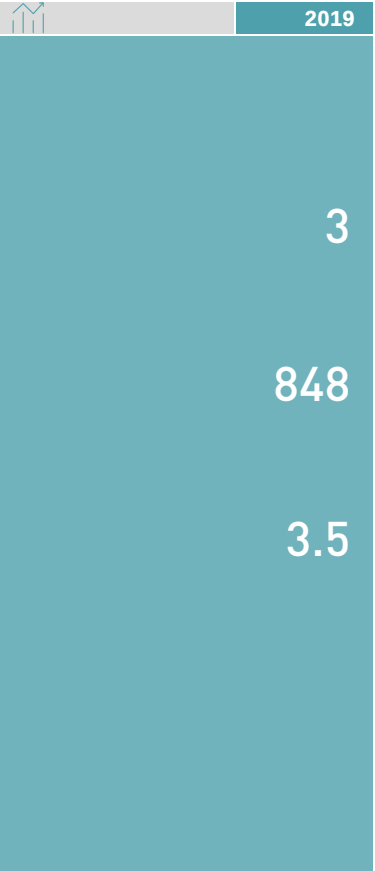
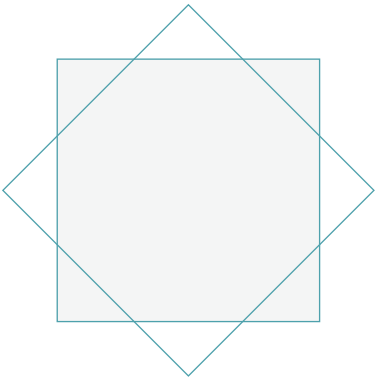
3,308

1,638

1,804

3mm

“ ”



T800

7

± 1000kV

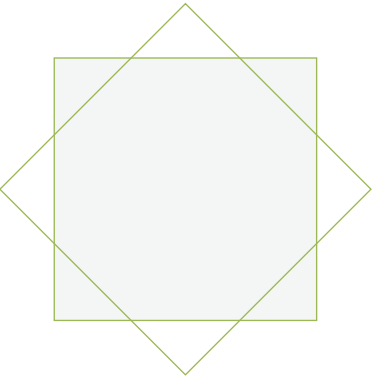
-

7

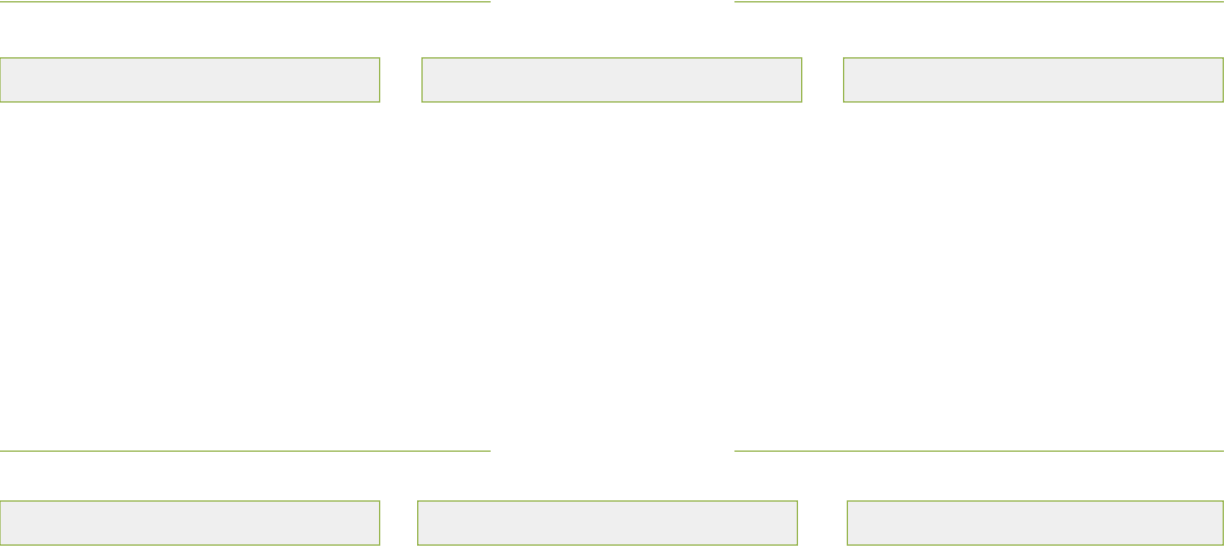
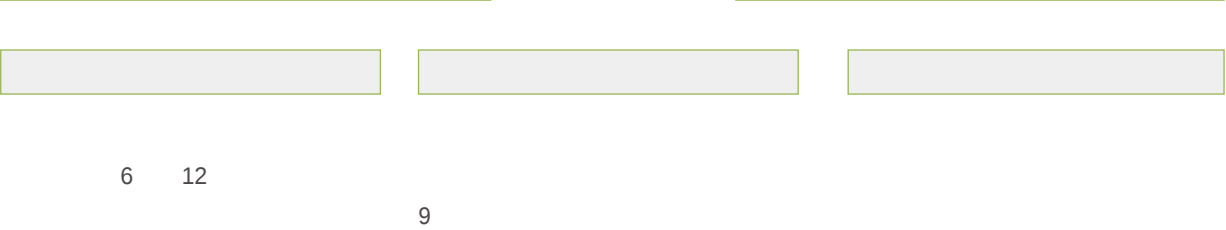
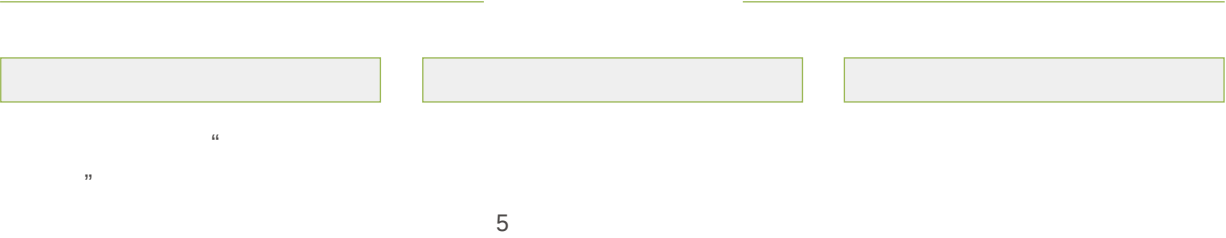
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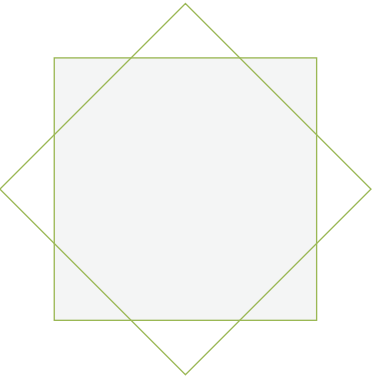
T800

AGV



“ ”





“ ” “ ”



2019



1.3

/

100%

“ + ” “ + ”

2.8MW

“ ”

6625

2.35

2375.5

102.6

120

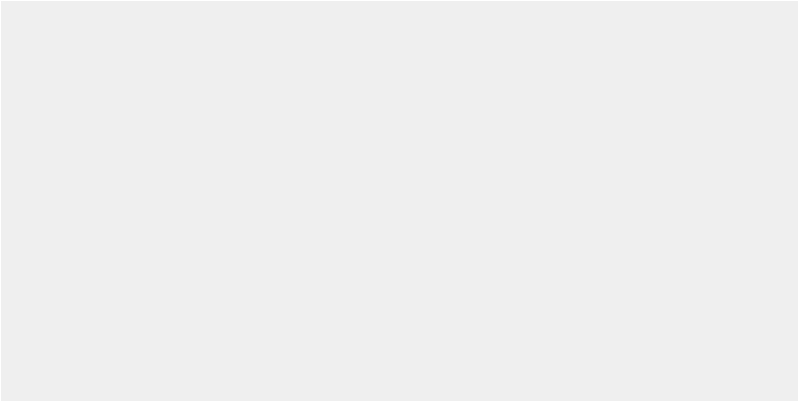
600

7

2019

“ 2019

”



200

175

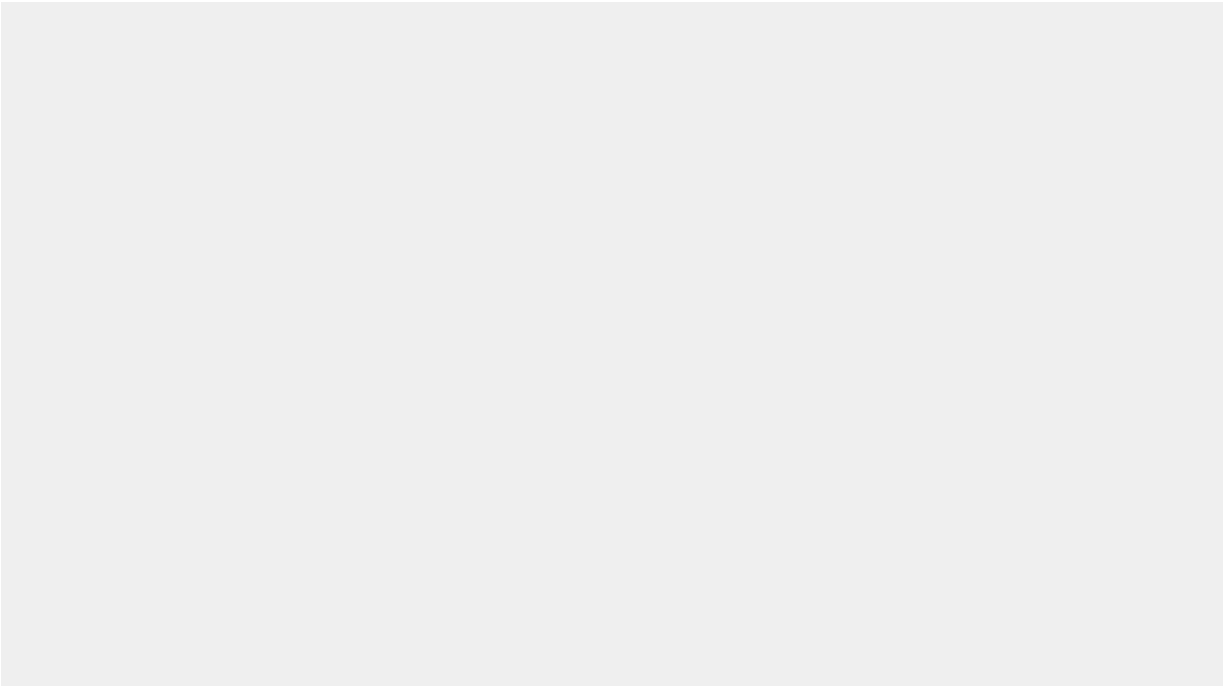
100%

77

35

400

/



“ ”

“ ”

“

”

“

+

”

99.79%

99.95%

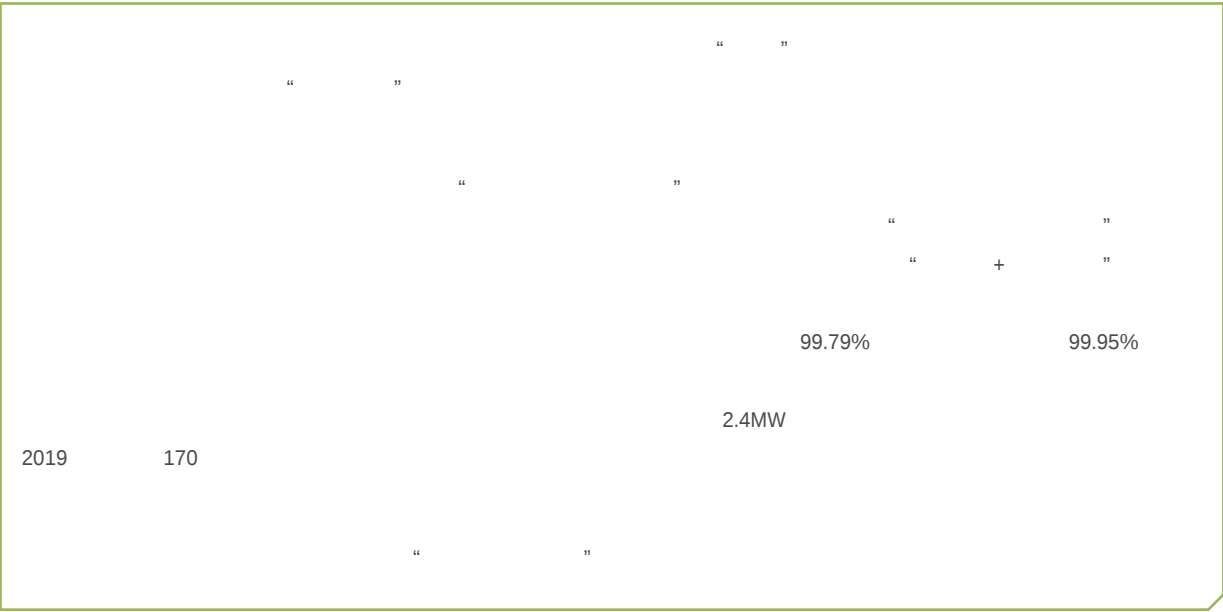
2.4MW

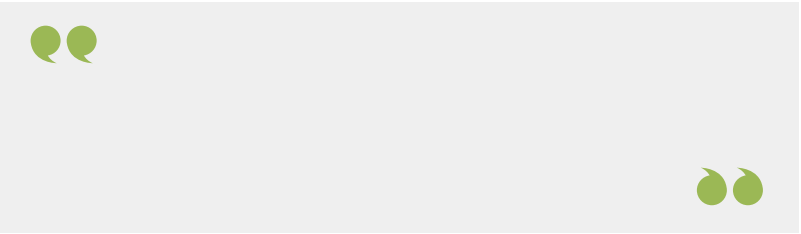
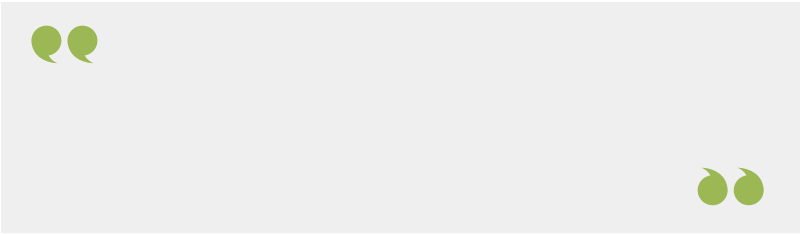
2019

170

“

”





2019



1.1

85.2

%

19

90.0

%

2.8

15.4

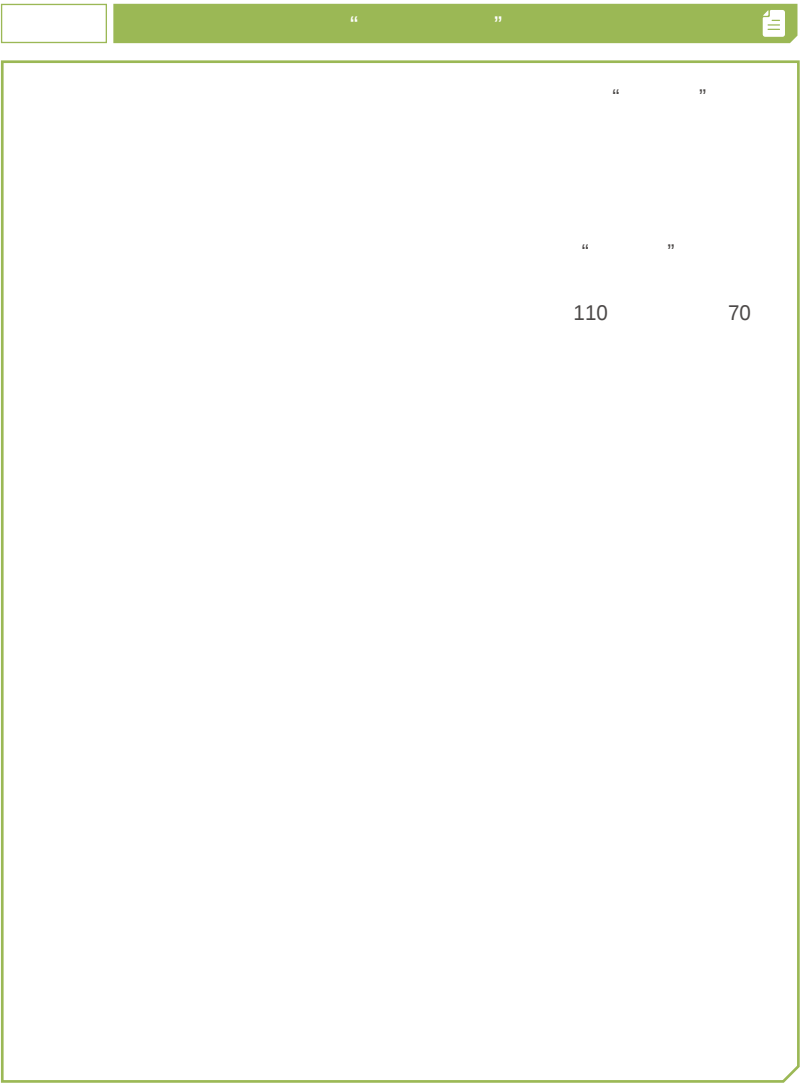
1.9

970.8

19.9

99.9

%

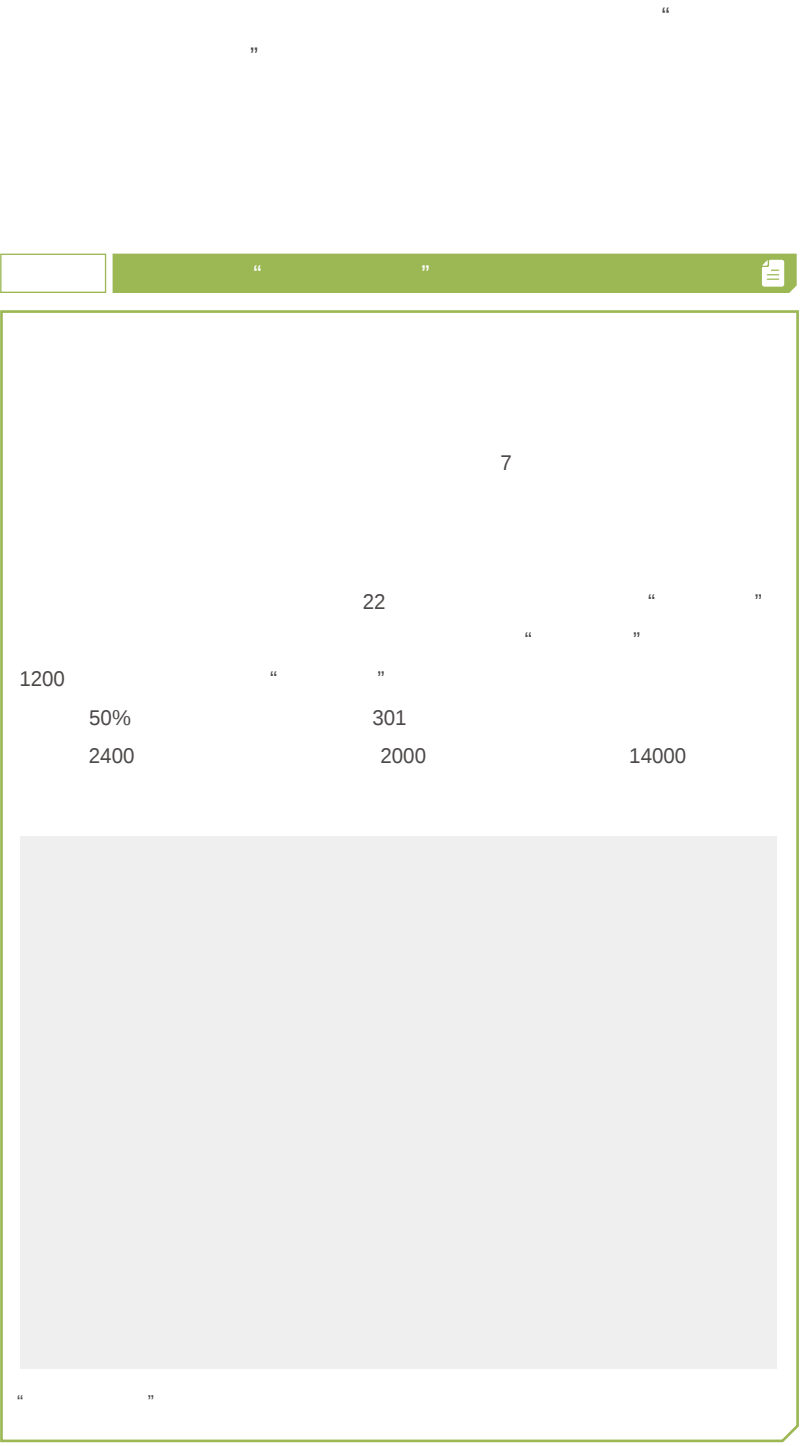


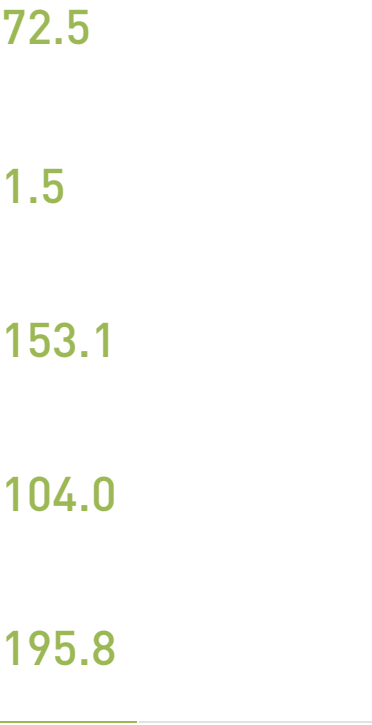
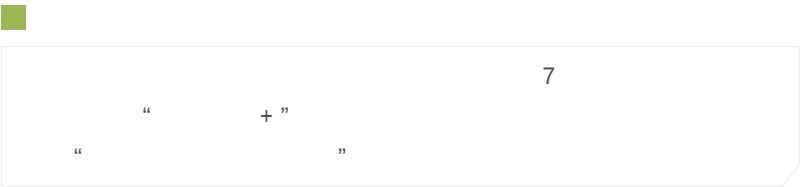
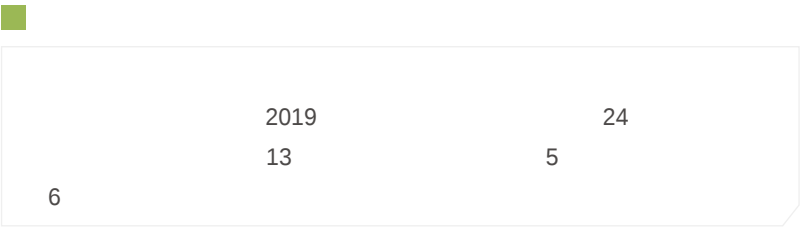
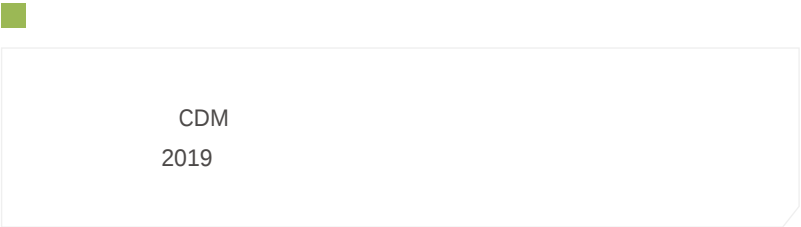
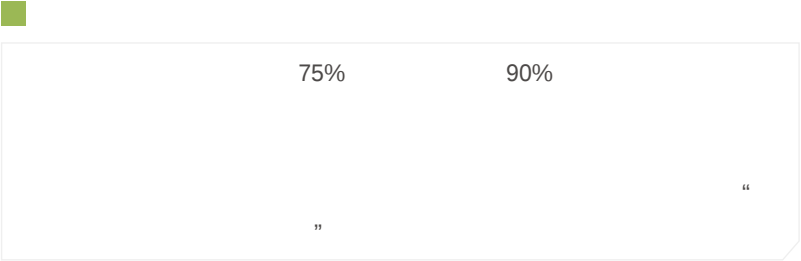
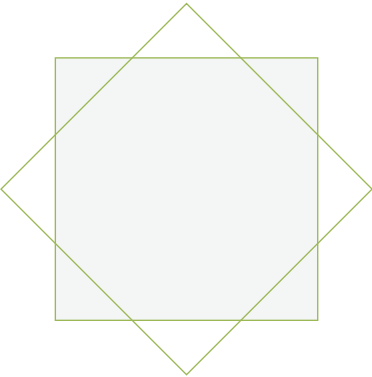
2019

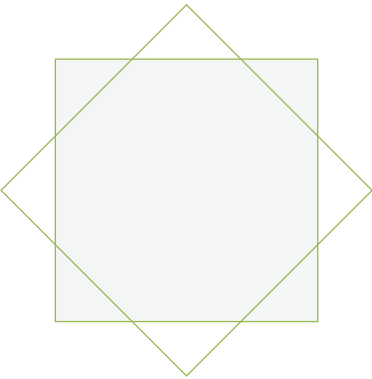


2,853

10.8







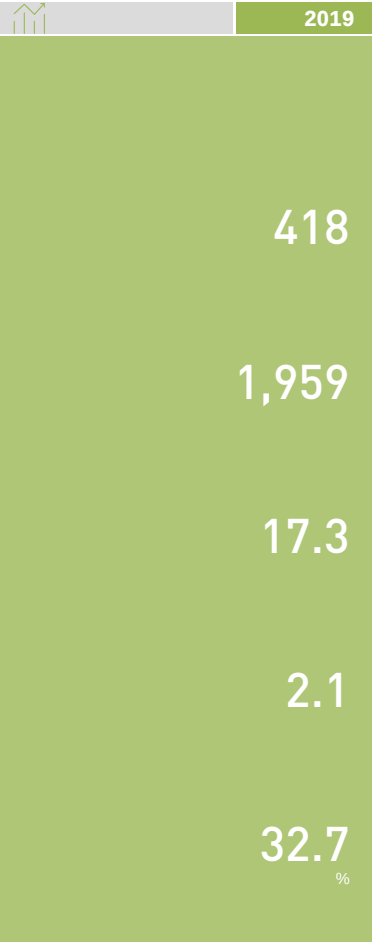
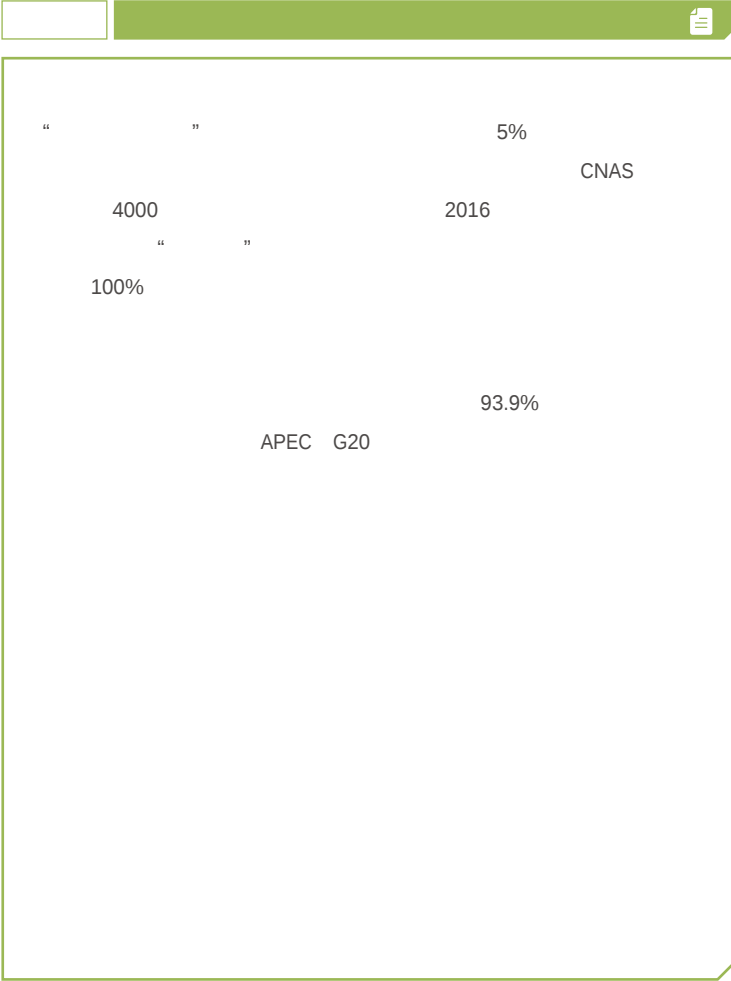
“

32

”

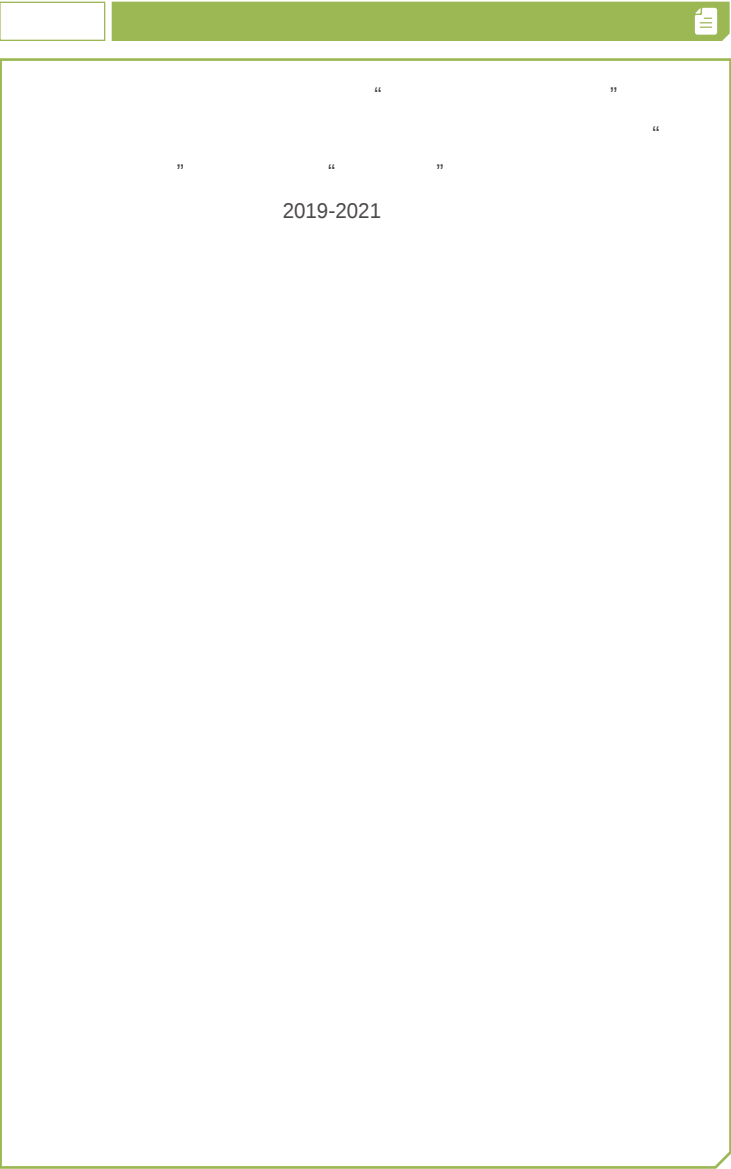
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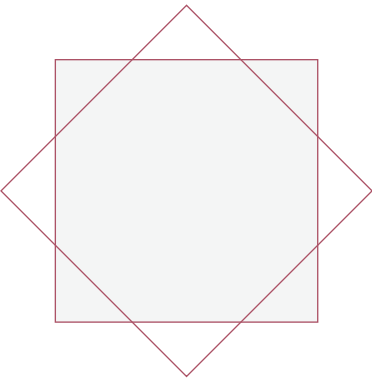
19



2015

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4

7

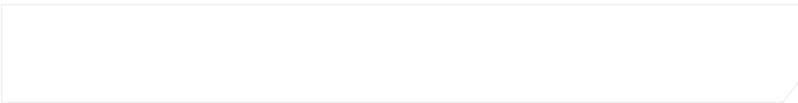
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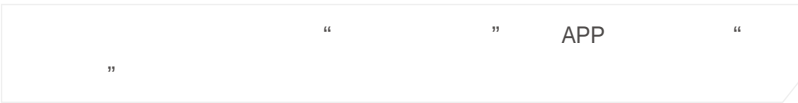
2019



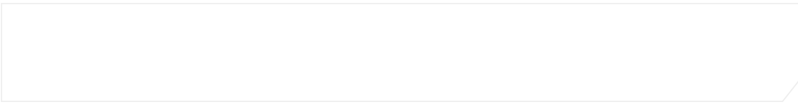
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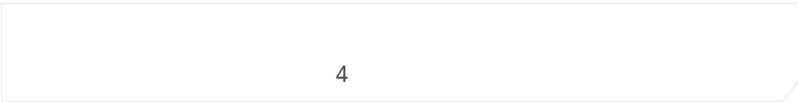
84



12.4



4,366



94.0

%



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“ e ”

4 13

APP

APP

GIS

“ e ”

GIS

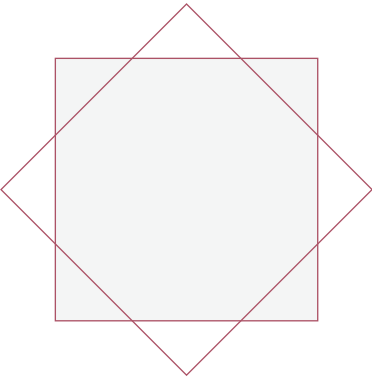
2019

44

39

44

39



2019



1,874

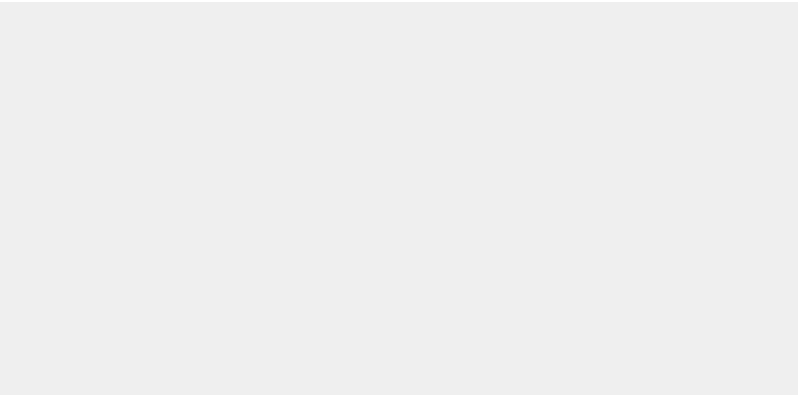
16.2%

88.2%

61.5%

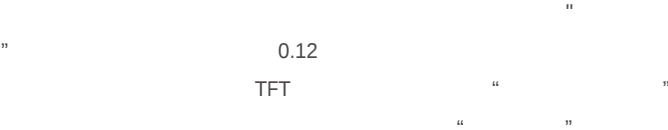


2019

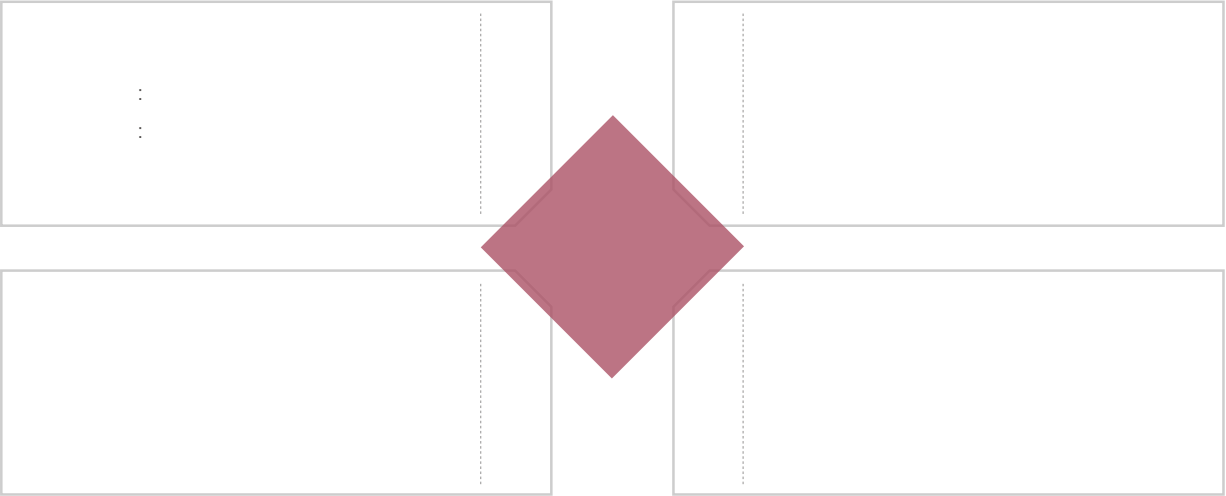


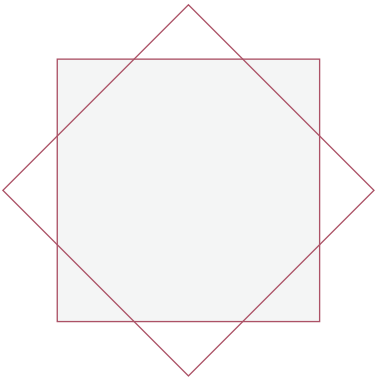
2019 11 22

2019



0.12 TFT





44

39



2019

6,131

1,496.5

10,537

“ 828 ”

44

39 44

39 44

39



SDGs





“ + + ” “ + ”
“ ”
“ ”

“ ” “
”
“ ”
450 4000

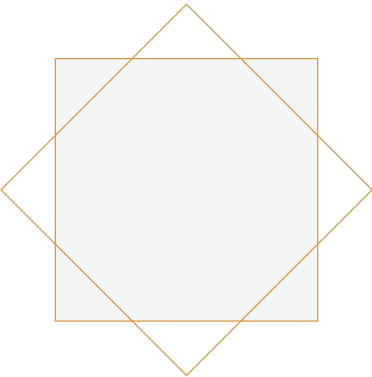
2019

6004.4

14

YCC	1	8500	15	1	11000
					,
2.5		22		8	
2019	12	3			“ 2019

YCC



3.83

“

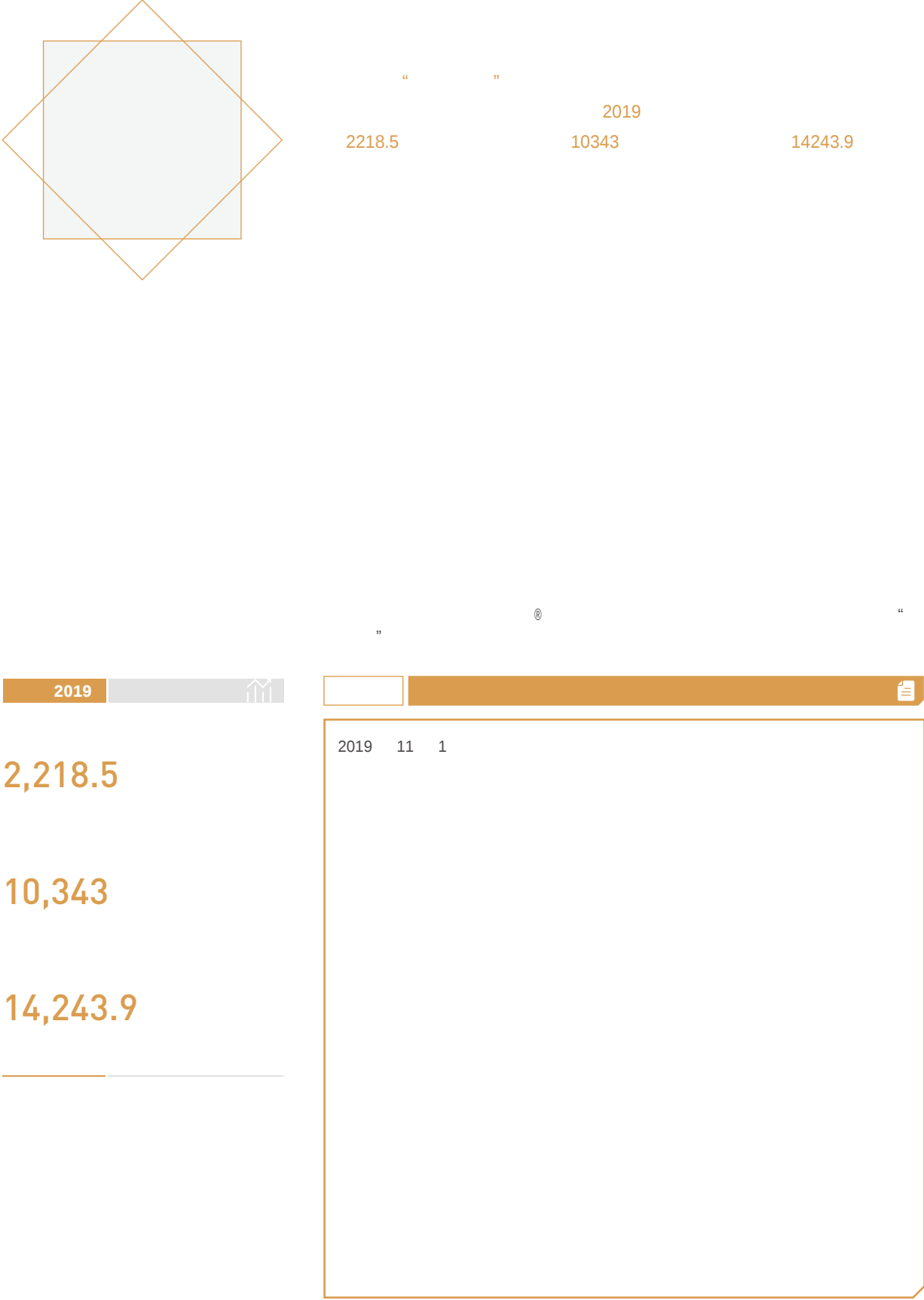
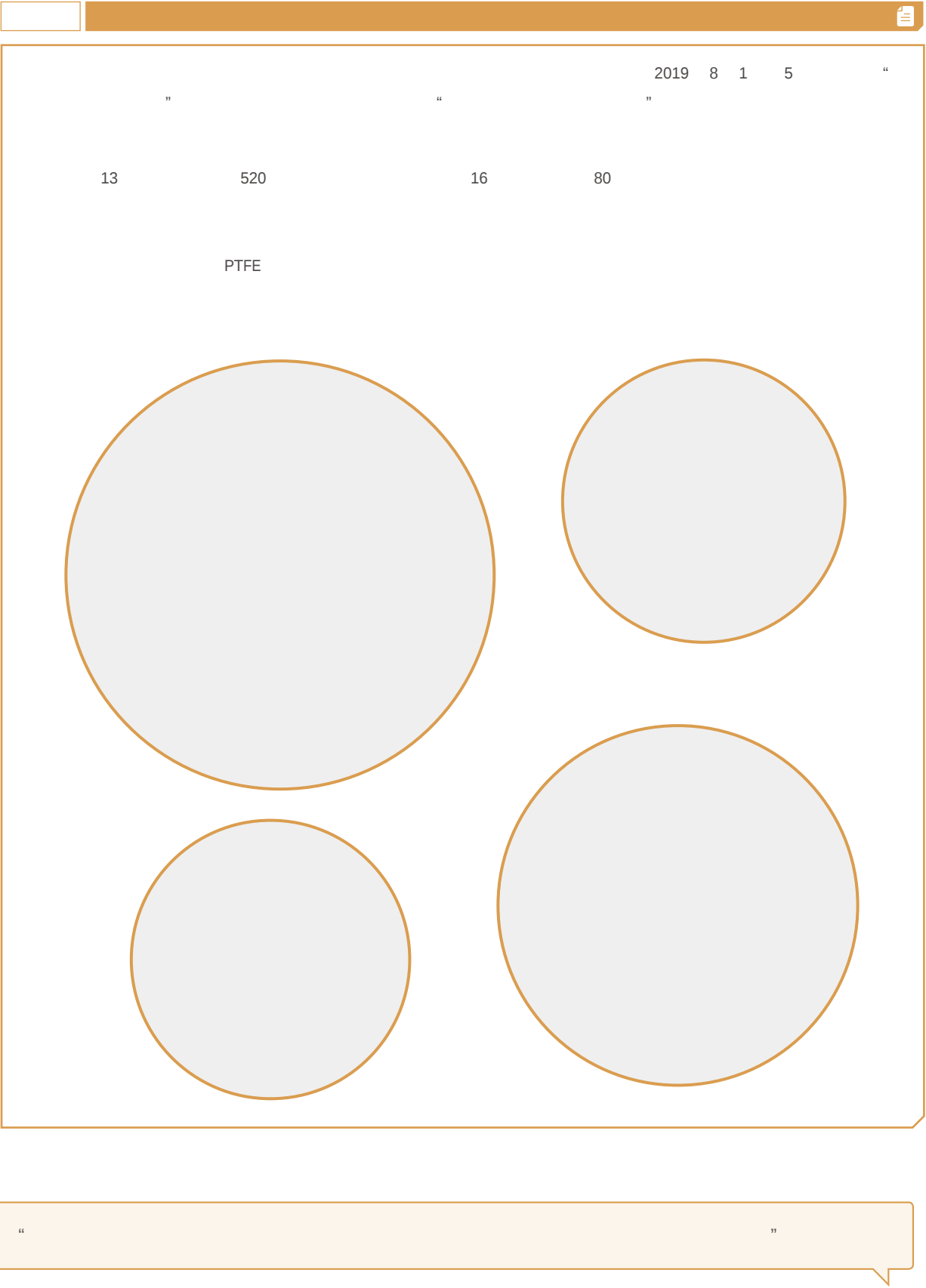
400

”

2019

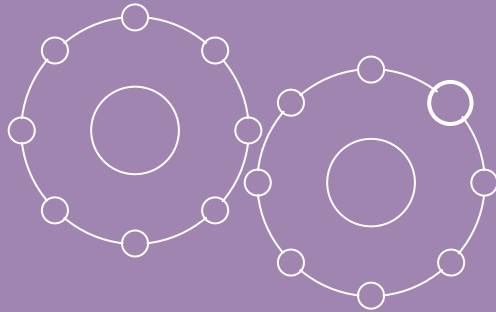
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”





SDGs



“

“

”

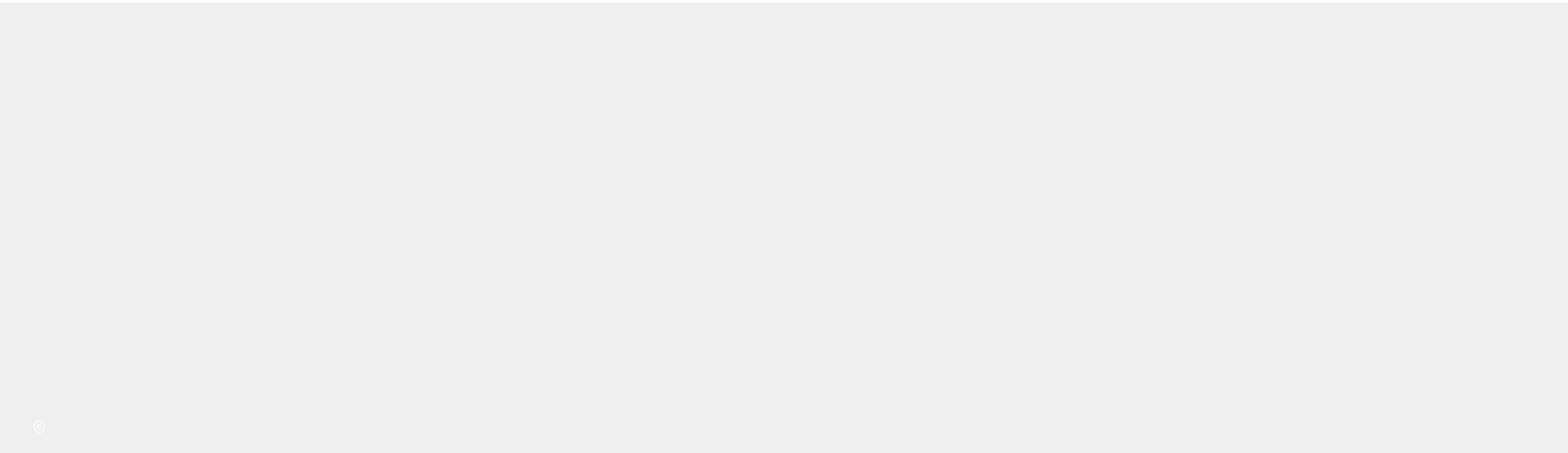
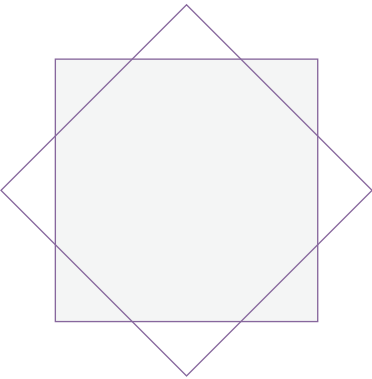
”

369

2019 300

7

[illegible]



2019 

4.1

1.9

286

398

13.0

2,664.7

100%

CSI

“ ” +
2019
2

2019

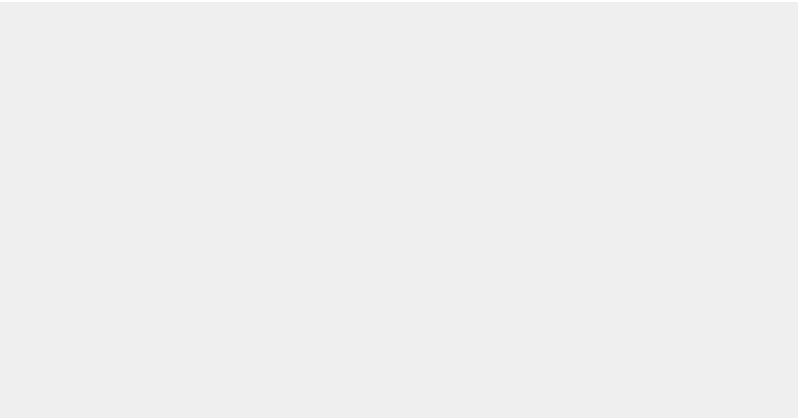
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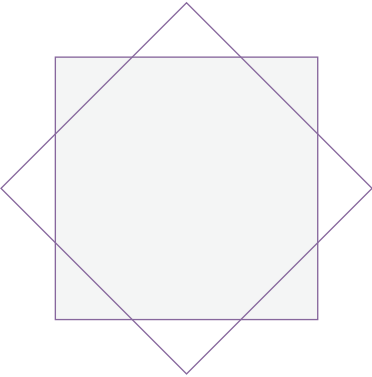
11.0

100%

99.5%

2.5





“ ”

2016-2018

“ ” “ ”

7 7 “ ”

300

2019

“ 2019 • ”

2019

500 ” “ 100 ”

2019 500 51 500

15 100 62

61 “ 2018 ”

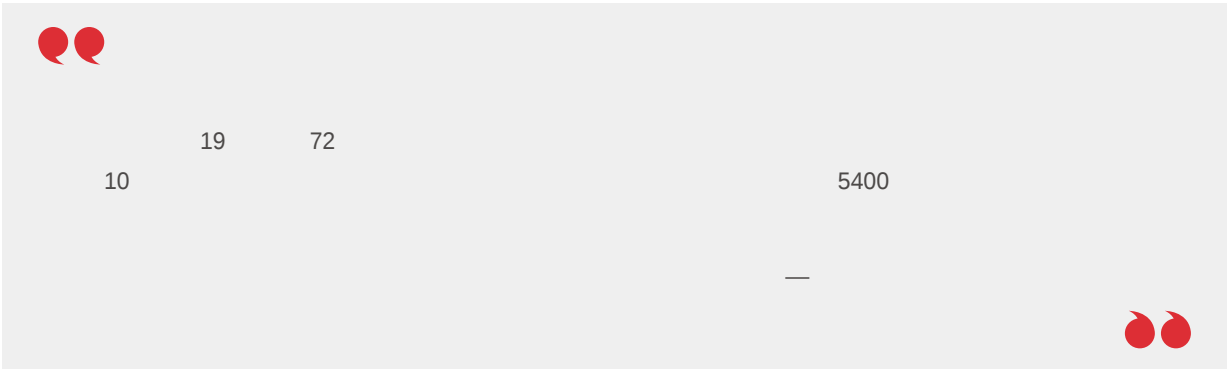
33 “ 2018 ”

“ ” “ ” “ ”

“ 2019 100 ”

“ ”

“ ” — “ ”			
“ ”			
19 “ ”			
“ ” 2019 “ NO.1 ”			
100 100			
“ ”			
BAYAH GOE “ 2018-2019 ”			
“ 2019 “ ” “ ” “ ”			
” “ ”			
“ ” “ ” “ ”			
” “ 2019 ” “ 2019 ” “ ”			
“ ” “ 2019 ”			
“ 2019 • ”			
“ 2019 ” “ ”			



2019年10月10日

10月10日



10月10日

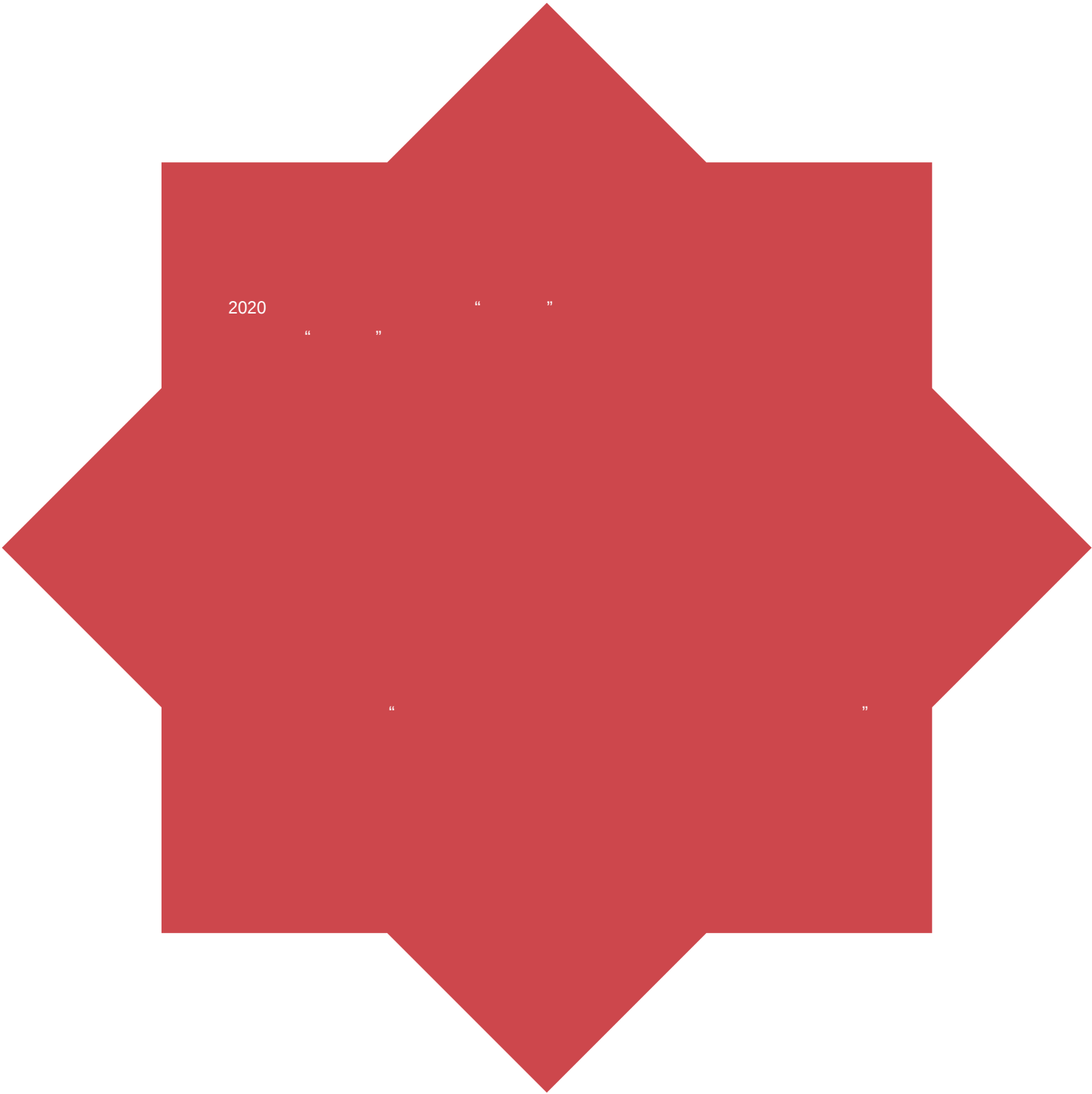
10月10日

10月10日

10月10日

10月10日

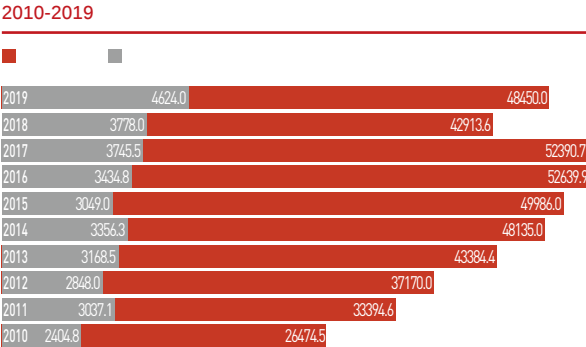
10月10日



2019

500

2019	2019
203	52610.6
226	49300.4
397	CRH31625.0
447	LafargeHolcim28088.8



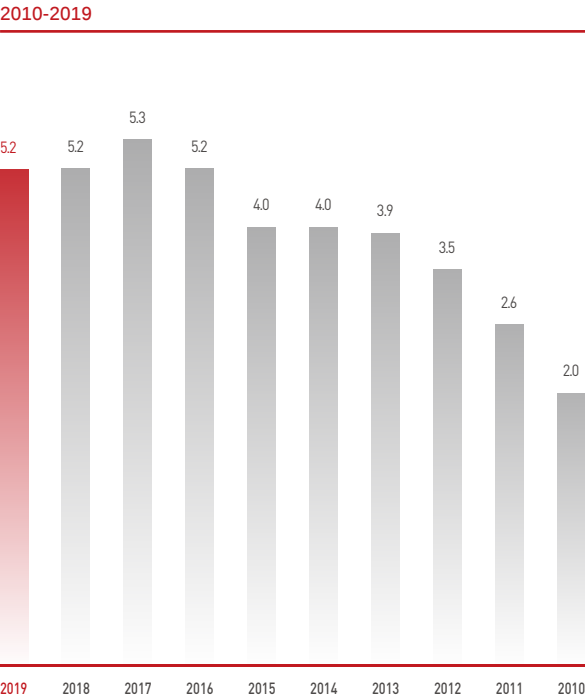
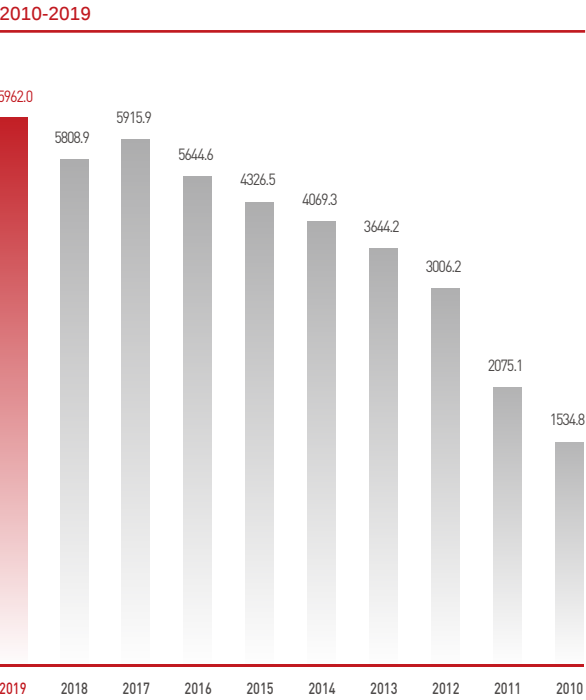
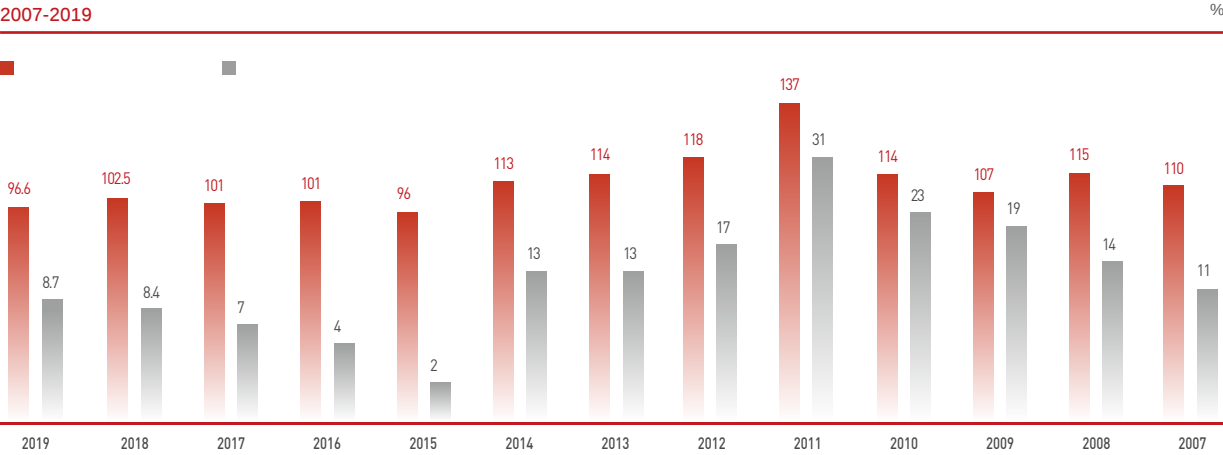
2019			
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	000786.SZ	0.0820	0.2610
	600176.SH	0.1930	0.6078
	600970.SH	0.3010	0.9200
	000877.SZ	0.5100	1.5598
	600449.SH	0.5100	1.6100
	600720.SH	0.5800	1.5890
	002080.SZ	—	0.8223
	600552.SH	—	2.2900
	603126.SH	0.0700	0.2016
	600876.SH	—	0.1000
	1108.HK	—	0.0965
	002066.SZ	—	0.1110
	603060.SH	2.0300	0.6765

2010-2019

2019	3.7	23.3	42.0
2018	3.4	22.1	39.5
2017	3.4	23.2	41.0
2016	3.2	24.0	42.0
2015	2.4	23.5	41.0
2014	2.5	24.8	41.8
2013	2.4	24.2	40.0
2012	2.7	21.8	38.0
2011	1.9	20.1	36.0
2010	1.7	18.8	33.1

2010-2019

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
2012	2174.3	111.6
2011	1940.9	158.5
2010	1353.6	75.6



2010-2019

2019	166	3	0
2018	231	1	73
2017	197	2	66
2016	173	2	82
2015	123	0	48
2014	117	1	48
2013	145	1	54
2012	152	0	89
2011	132	2	46
2010	63	0	17

2010-2019

2019	3308	1638	1804
2018	2287	1056	1571
2017	2144	1039	1524
2016	2156	880	1793
2015	1568	566	1492
2014	1571	531	1381
2013	1262	373	848
2012	766	228	729
2011	630	170	487
2010	514	173	420

2010-2019

2019	113.3	95.9
2018	95.4	81.9
2017	77.3	59.3
2016	66.3	51.2
2015	50.6	40.9
2014	57.7	41.6
2013	54.9	36.2
2012	49.7	33.4
2011	46.7	31.6
2010	28.2	20.7

2010-2019

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
2012	22	1	5	16
2011	28	1	15	12
2010	79	0	30	49

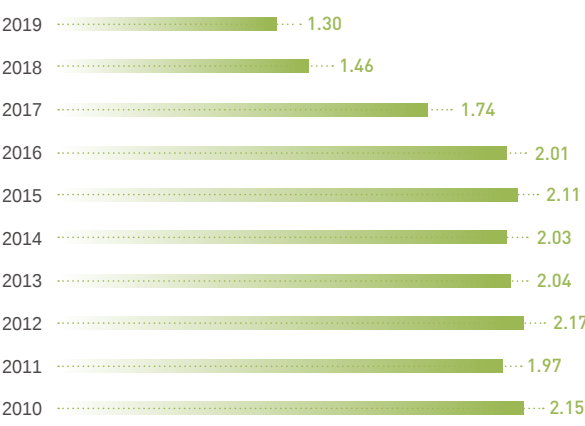
2010-2019

2019	12124	3164
2018	10967	2765
2017	10024	2403
2016	8408	1913
2015	5663	900
2014	4255	687
2013	3231	589
2012	2549	448
2011	1606	288
2010	1232	227

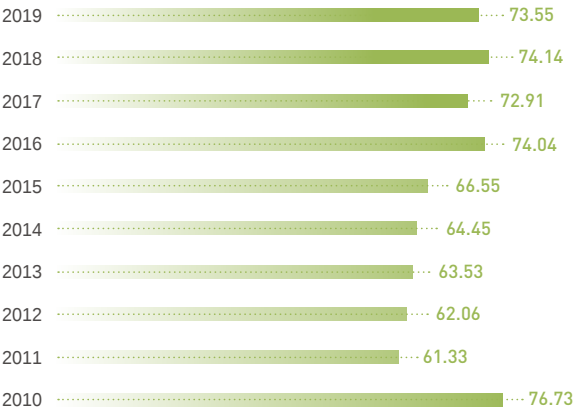
2010-2019

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
2012	9.4	248.4
2011	11.0	240.3
2010	14.1	158.4

2010-2019



2010-2019



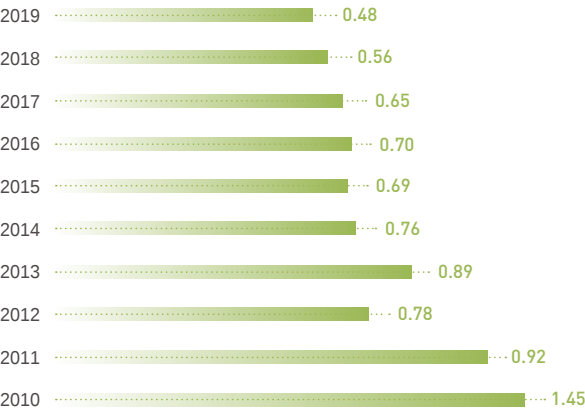
2011-2019

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
2012	9700	100
2011	6500	100

2010-2019

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
2012	1.45	0.07
2011	1.60	0.12
2010	2.33	0.12

2010-2019



2011-2019

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
2012	5.0	0.33	94.7
2011	5.5	0.37	—

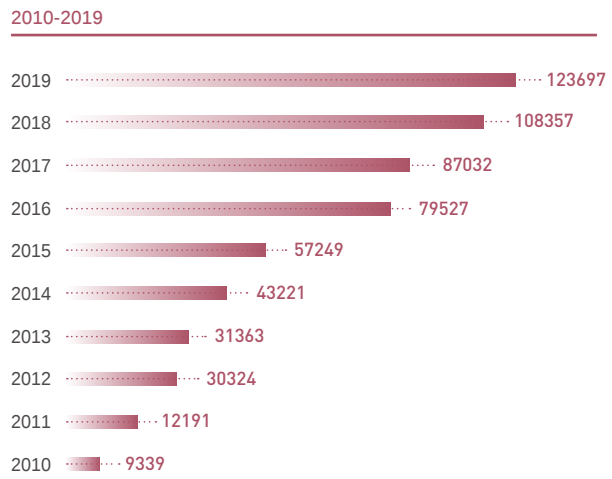


2010-2019					
2019	204763	483	5808	1729	16.2%
2018	208680	1059	5167	1697	18.7%
2017	221421	750	5985	1732	18.4%
2016	234511	1126	5964	1875	18.3%
2015	176610	841	3521	1449	17.2%
2014	176854	892	3120	2263	18.4%
2013	179421	1234	3031	1685	18.1%
2012	165652	1190	2706	1620	13.5%
2011	126385	594	3516	1023	11.6%
2010	112676	397	1566	599	24.0%

2010-2019			%
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
2010	88	87	—

2010-2019		
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
2010	38	12811

2011-2019			
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



2010-2019		
	%o	
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
2010	1.5	24

[illegible]2011-2019

2011-2019

			GRI G4	CASS-CSR4.0
			G4-18 G4-28-G4-31	P1.1-P1.3
			G4-1 G4-2	P2.1 P2.2 P3.1 P3.2 G2.1-G2.3
			G4-3-G4-8 G4-13 G4-34 G4-38 G4-40 G4-56	P4.1-P4.4 G1.1 G1.2
			G4-42 G4-46 G4-58 G4-EC7 G4-SO3	M1.1 M1.3 M2.4 S1.4, M2.2-M2.7
			G4-EC4	M2.4-M2.7
			G4-EN29 G4-EN31	E1.7-E1.10
			G4-EN3	E1.1-E1.5 E2.5
			G4-EN5 G4-EN15 G4-EN19 G4-EN21-G4-EN23	E2.6 E2.7 E2.10-E2.12 E2.15 E2.16 E2.25
			G4-EN6 G4-EN7	E2.3 E2.4 E2.6
			G4-LA6	S3.1-S3.7
			G4-9 G4-10 G4-LA1 G4-LA9 G4-LA10 GE-LA12 G4-HR1-G4-HR5	S2.1-S2.10 S2.14-S2.16 S2.19
			G4-HR8-G4-HR12	S2.11-S2.13 S2.17 S2.18,

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