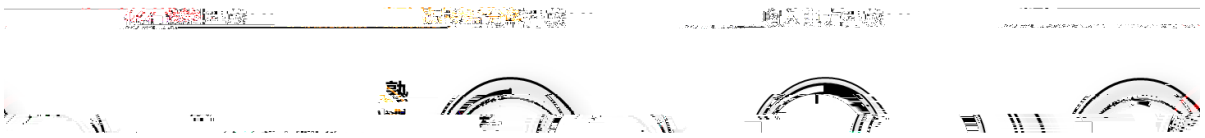
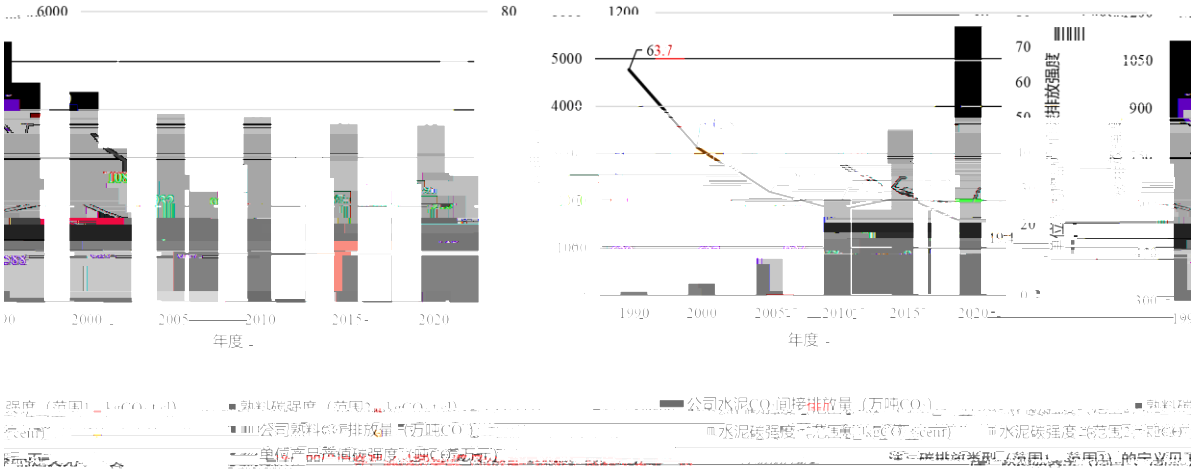
“ ”

“ ”





1990 2000 2005 2010 2015 2020

2 1990

1.

GHG Protocol 1 2

3

1

2 3

2.

2021 6 30 9 5 58

*

1

kgCO_2/t.cl

		2018	2019	2020
		860.52	852.46	853.63
1		302.87	295.97	295.86
		530.57	529.58	530.66
2		27.08	26.91	27.11

3.

2020 695kg 1

419kg 233kg 2 43kg 2020

1 2

4.

2020 461

1 196kg

1.

Å

2.

“ ” 2016

“ ” 2019

2020 7

“ ” 91.75kgce/t

31% 590kcal/kg

2020

CMSW 90 / 150 /

20 / CO_2 54 /

40%

2020 206 240

45 120

20% 70%

2020

318.54 34.59

“ ” 2009

53% 42.5 120

24 /

4

2.4

11885 /

1.58

0в ~ Æ .р ž ь

			$kgCO_2/t.cl$	
1			0.1	0.3
2			4	7
3		<2%	140	285
4			20	50
5			30	45
6	$kgCO_2/t.cem$	+ LC3-	120	170
7		-	40	70
8			6	10
9			5	10
10			30	60
11		CCS	160	350

CCUS

BECCS CCUS

2060

3

1

“ ”

	/	92.8~131.47	38.01			
					RDF	
	30.19	108.3~220.4	66.58	83.83	10	9000