

300779
123118



Qingdao Huicheng Environmental Technology Group Co., Ltd.
57

2022 **A**

2022



81 1 22

2022

2022

.....	1
.....	2
.....	2
.....	6
.....	7
.....	10
.....	13
.....	13
.....	14
.....	15
.....	15
.....	15
.....	16
.....	26
.....	37
.....	50
.....	59
.....	62
.....	64
.....	72
.....	72
.....	73
.....	74
.....	76
.....	76
.....	76
.....	77
.....	77

.....	78
.....	78
.....	79
12	79
.....	80
.....	82
.....	82
.....	83
.....	83
.....	83
.....	84
.....	84
.....	85
.....	86
.....	86
.....	86
.....	91
.....	91
.....	99
.....	99
.....	100
.....	100
.....	100
.....	101
.....	102
.....	102
.....	103

.....	104
.....	111
.....	114
.....	115
.....	116
.....	117
.....	118
.....	119
.....	120
.....	121
.....	122

		2022 A
		2022 A
		FORLAND PETROCHEMICAL TECHNOLOGY LLC

	Qingdao Huicheng Environmental Technology Group Co., Ltd.
	91370200783724899J
	2006 2 27
	10,000
	57
	57
	266520
	300779
	0532-58657701
	0532-58657729
	www.hcpect.com
	stock@hcpect.com

2022 6 30

100,004,149

1			17,060,250	17.06%
2			10,828,500	10.83%
3			10,465,450	10.47%
4			2,725,000	2.73%
5			1,851,600	1.85%
6			1,144,600	1.14%
7			1,131,950	1.13%
8			929,100	0.93%
9			902,900	0.90%
10			832,950	0.83%
			47,872,300	47.87%

17.06%

2020

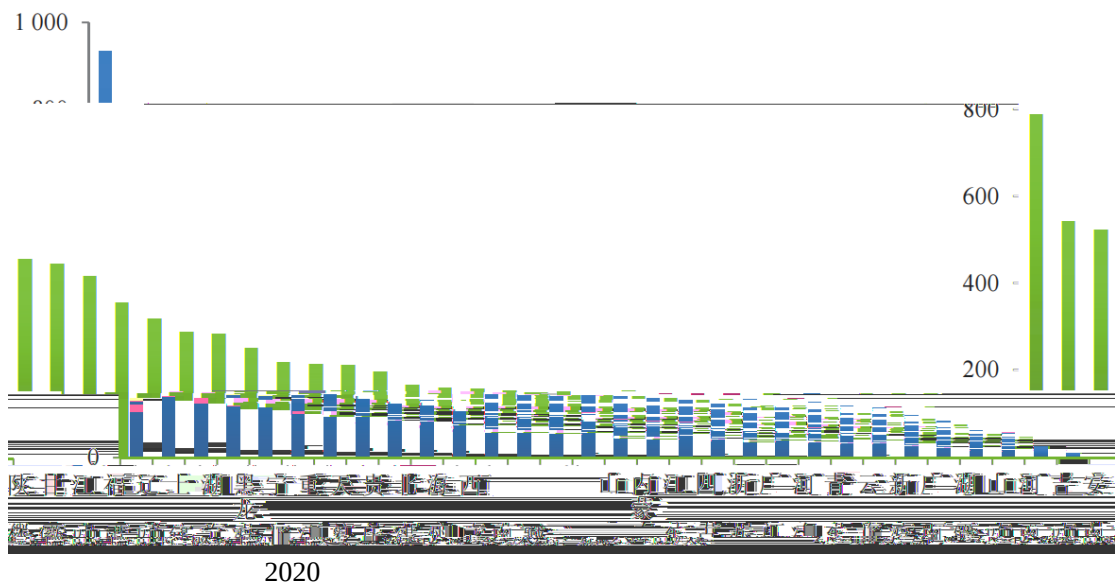
2020

7,281.80

7,630.50

2020

12.80% 7.40% 7.20% 6.30% 6.10% 2020



2020

2011

2020

31.31

1 0.354kg
21.52
10%
2
80%

20

2

10

2016

3

2020

1-1-20

1

1

2006

2006

14

2016

1-1-21

2

3

2

1

2

3

30%

1

2020

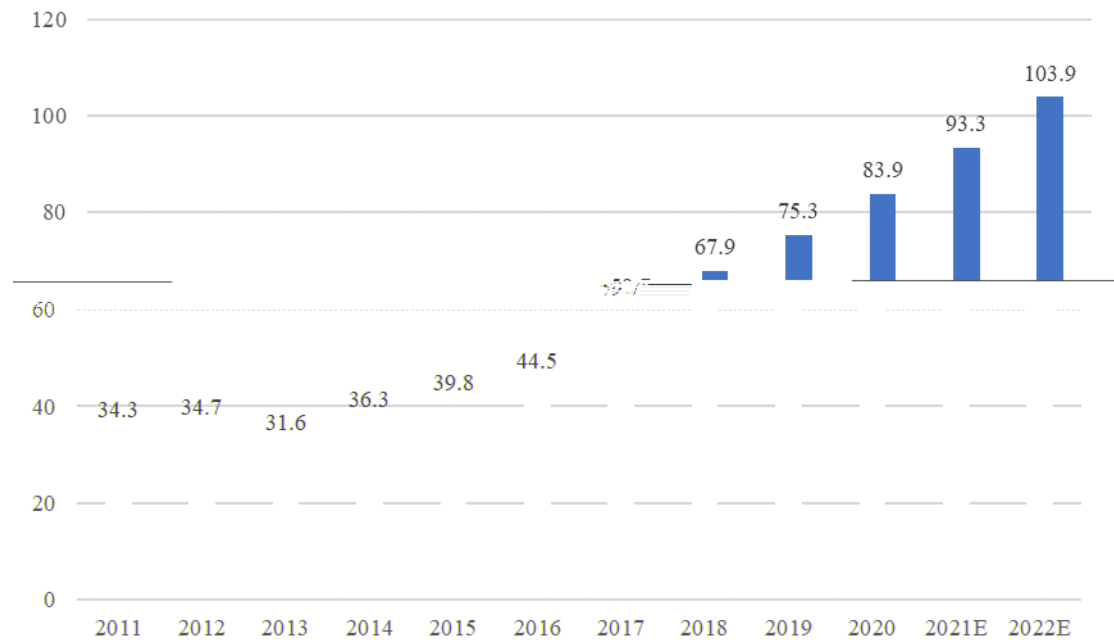
2013

31.6

2020

83.9

14.97%



50

2

2019

4,195

549

3

2012

4

		2020		7.35
2013-2020			6.01%	2020 12
	1,086		476.70	
		2025	10.2	/
5,000	/			

1

[2011]19

2

70%

30%

1

2

+

+

FCC

FCC

1

1999

44

190

2003 1

H

2012 4

2021

230 /

2

2004

3

600

3

10

3 /

2 / /

1 /

1 /

2 /

1 /

4

6

FCC

5

1964

40

6

2001

836139

7

2010

MTO MTP

2021

4.40

1

FCC

FCC

2

3

4

+

FCC

5

6

10

70%

1

2013

1-1-33

2-3

3-5

1

2016

46

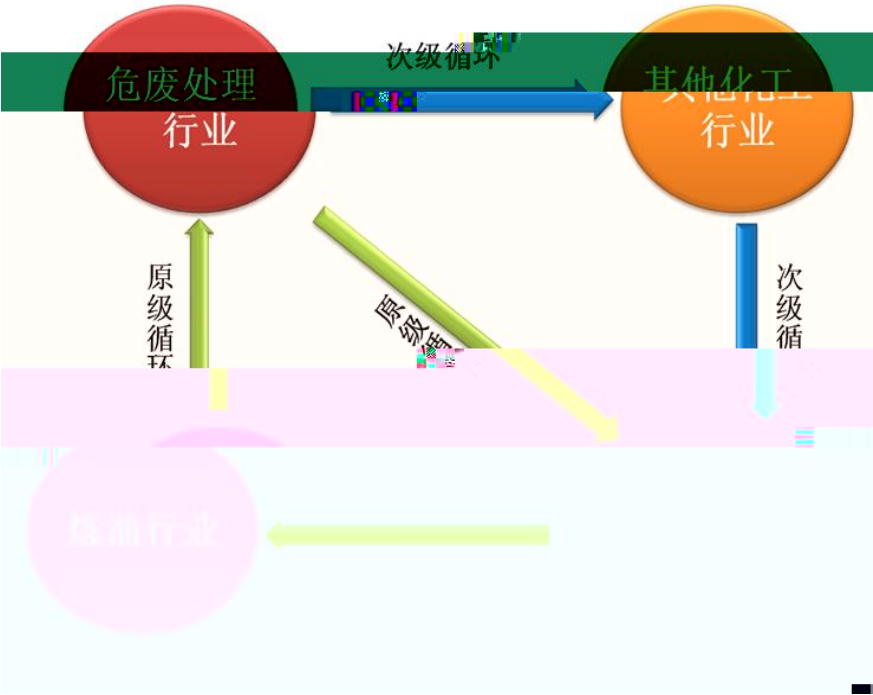
479

2

3

4

1



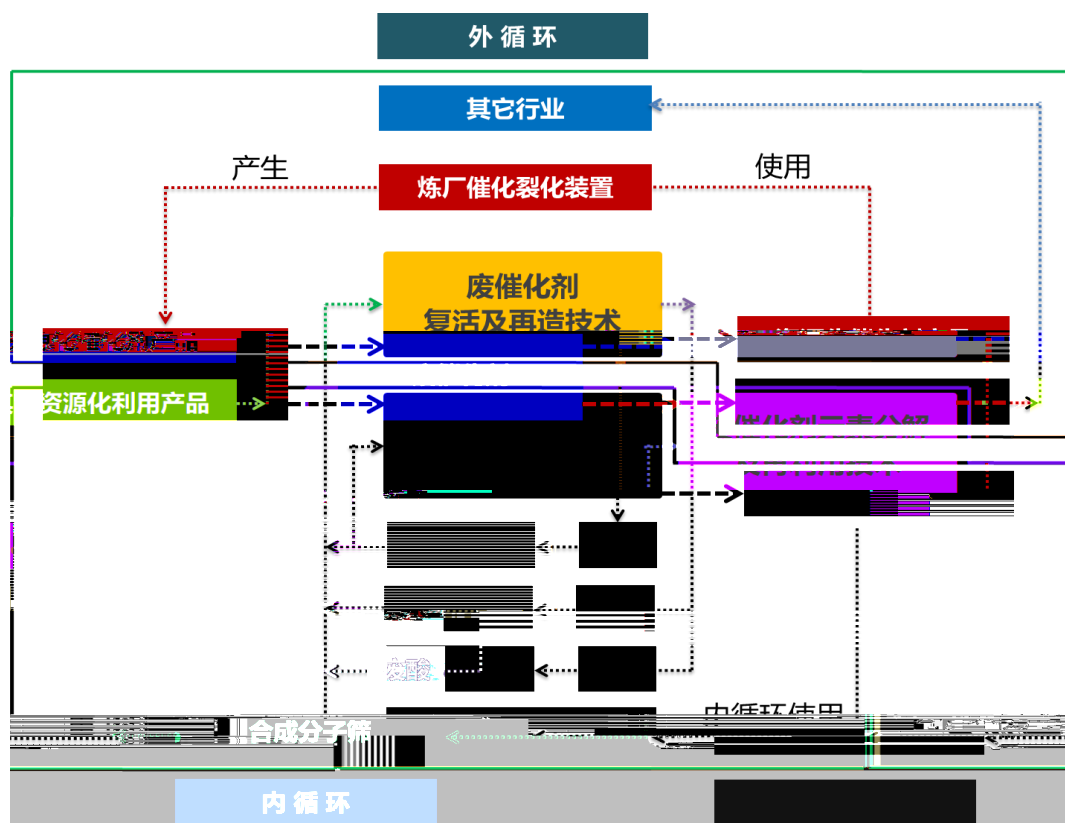
2

2020

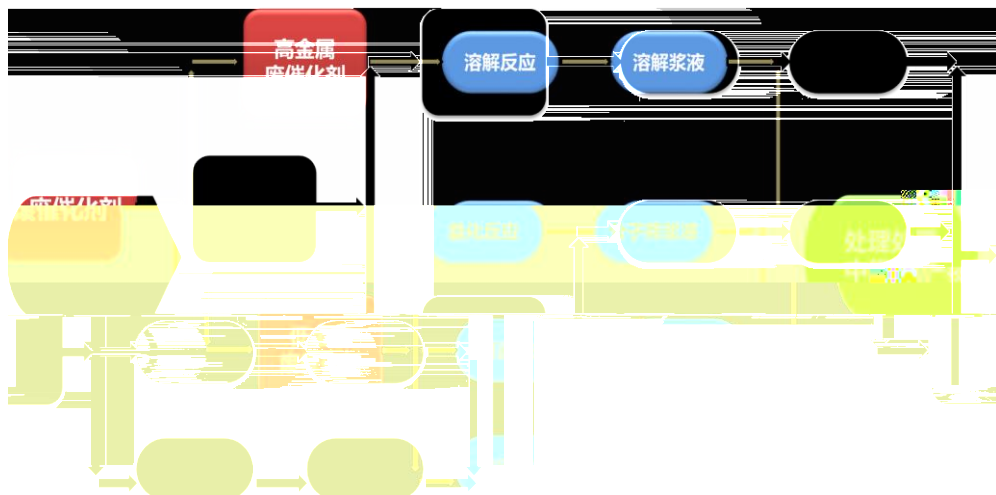
2021
GDP

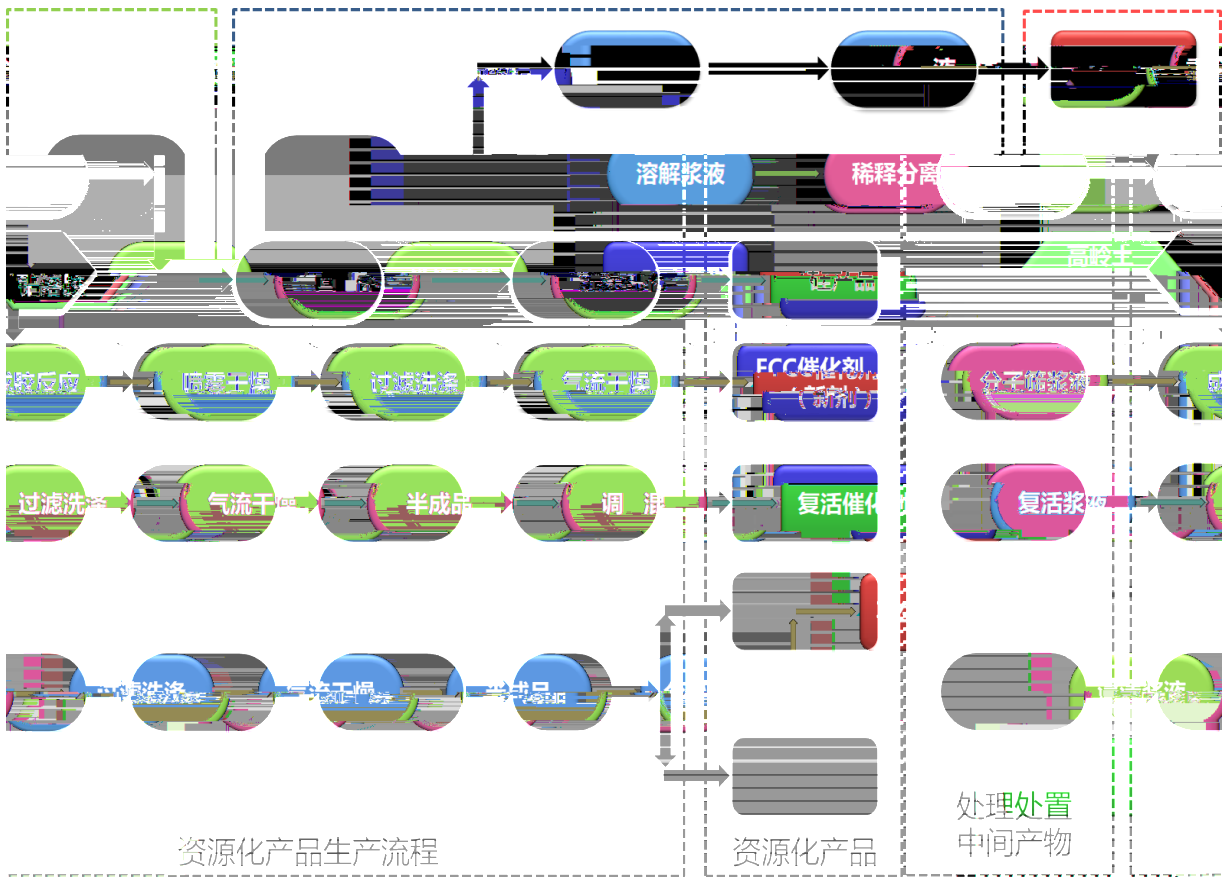
8.1%

FCC



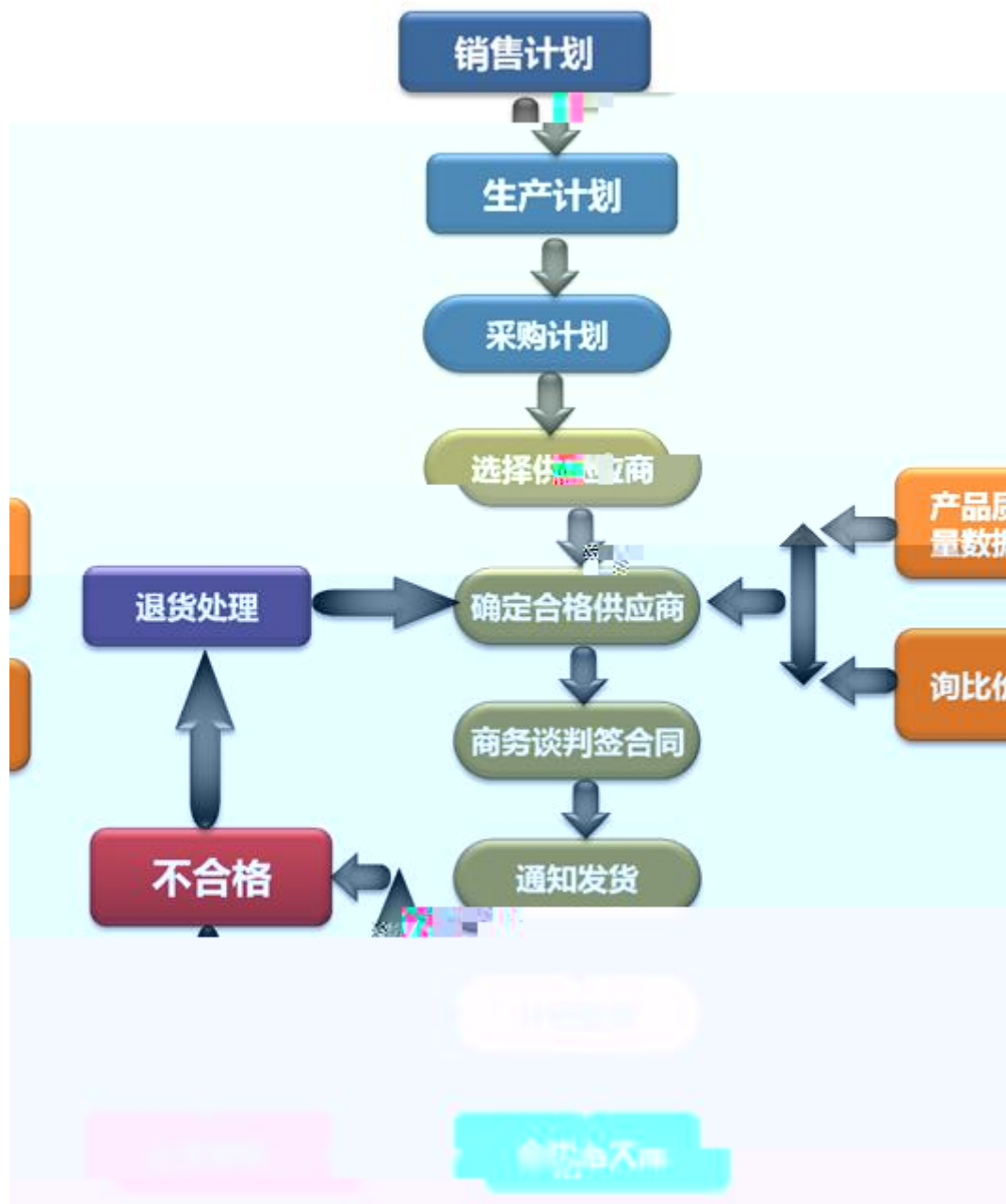
1







2



3

1

2

3

4

4

1

2

2 /

50

3

1

FCC

	2022	1-6	2021		2020		2019	
	1,154.86	8.02%	3,003.74	10.54%	3,833.86	11.84%	3,884.54	11.30%
	8,781.04	60.95%	23,008.15	80.77%	26,629.34	82.22%	27,136.20	78.93%
	4,284.81	29.74%	1,790.52	6.29%	1,407.89	4.35%	2,559.94	7.45%
	14,220.72	98.71%	27,802.41	97.60%	31,871.09	98.41%	33,580.68	97.68%

2

1

FCC

		2022	1-6	2021	2020	2019
FCC			10,000.00	20,000.00	20,000.00	20,000.00
			4,019.80	18,425.74	21,175.88	20,280.38
			40.20%	92.13%	105.88%	101.40%

2019-2021

FCC

2022

1-6

2

		2022	1-6	2021	2020	2019
			14,240.00	28,480.00	28,480.00	23,480.00
			11,546.60	21,149.24	22,657.34	18,986.49
			81.09%	74.26%	79.56%	80.86%

		2022	1-6	2021	2020	2019
FCC			4,019.80	18,425.74	21,175.88	20,280.38
			5,957.80	15,517.96	18,974.00	19,022.95
	%		148.21	84.22	89.60	93.80
			866.4	3,899.20	2,379.40	1,255.40
			1,057.86	3,707.86	1,988.40	1,279.20
	%		122.10	95.09	83.57	101.90
			649.35	5,899.85	8,207.91	7,496.38

2022

			%
4		2,731.96	8.57
5		1,544.30	4.85
		17,386.97	54.55
2019			
1		5,591.29	16.65
2		4,965.37	14.79
3		2,738.00	8.15
4		2,362.35	7.03
5		2,285.31	6.81
		17,942.31	53.43

50%

1

	2022	1-6	2021		2020		2019	
	5,468.97	47.49%	10,029.02	49.98%	11,593.47	51.03%	10,677.53	50.45%
	2,357.48	20.47%	4,383.44	21.84%	4,973.43	21.89%	5,130.97	24.25%

2

8,978.62

8,518.45 7,992.41 3,497.59 50.33%

47.49% 50.61% 35.55%

			%
2022	1-6		
1		991.45	10.08
2		739.54	7.52
3		688.80	7.00
4		551.39	5.60
5		526.41	5.35
		3,497.59	35.55
2021			
1		2,654.72	16.81
2		1,813.06	11.48
3		1,389.97	8.80
4		1,257.52	7.96
5		877.15	5.55
		7,992.41	50.61
2020			
1		2,659.16	14.83
2		2,032.52	11.33
3		1,626.91	9.07
4		1,316.04	7.34
5		883.81	4.93
		8,518.45	47.49
2019			
1		2,738.06	15.35
2		2,502.03	14.03
3		1,554.89	8.72
4		1,300.52	7.29
5		883.12	4.95
		8,978.62	50.33

50%

1

2

1

2

1

	22,971.73	7,103.66	15,868.07	69.08%
	22,468.87	11,346.93	11,121.94	49.50%
	873.95	389.29	484.66	55.46%
	473.68	452.65	21.02	4.44%
	46,788.23	19,292.54	27,495.69	58.77%

2

1	2016 0046096		338 1811		28,552		2043.6.3		-
2	2016 0022174		57 4-7		32,705.25		2028.8.5		-
3	2016 0006122		57 1 2 3				2028.8.5		-
4	2020 0091455		57 8				2028.8.5		-
5	2016 0020136		398 2	1	29,033.34		2053.10.27		-
6	2017		9 A		8,558.00		2062.12.6		-

	0062207		1-12						
7	2017		7				2062.12.6		-
	0062208		B						
8	2017		5				2062.12.6		-
	0062209		C						
9	2020				102,577.00		2070.11.10		
	0156001								
10	2021		57		29,033.00		2053.10.27		-
	0295081		4#						
11	2017				20,521.35		2067.7.13		-
	0004395								
12	2018								
	0002994								

0156001 260,000,000.00

1	2016 0046096		338 1811		81.71		--
2	2016 0022174		57 4-7		16,619.87		--
3	2016 0006122		57 1 2 3		5,055.66		--
4	2020 0091455		57 8		1,425.20		--
5	2016 0020136		398 1 2		5,074.04		--
6	2017 0062207		9 A 1-12		13,058.14		--
7	2017 0062208		7 B		947.52		--
8	2017 0062209		5 C		2,984.52		--

3

		16 / 62.57 63.34	1300 / /	

		A 4 5 ¹⁶⁷	2,300 / / 8 2,000 / / 6 1,600 / / 4	2022.01.01-202 2.06.30
		10 / 312	750 / /	2022.02.01-202 2.07.31

		500.00	1.6 / .	2021.6.1- 2024.5.31
		1,058.27	1.6 / .	2018.10.1- 2023.9.30
		1,058.27	40 / .	2018.4.1- 2028.3.31

4

1		2	618.44	51.71	10	8.36%
2	S809	1	444.85	308.49	10	69.35%
3		1	366.27	290.87	10	79.41%
4		1	303.34	22.96	10	7.57%
5	E-740	1	293.23	203.35	10	69.35%
6		1	290.6	207.77	10	71.50%
7	HVPF-55m2	2	237.61	169.88	10	71.50%
8		1	205.6	142.58	10	69.35%
9		2	231.99	23.29	10	10.04%
10	40T/H	1	116.77	8.59	10	7.36%
11	40T/H	1	110.42	8.07	10	7.31%
12	NaY	1	109.63	11.41	10	10.41%
13	HVPF-40m2	1	100	71.5	10	71.50%
14		1	95.97	7.01	10	7.30%
15		1	93.86	79.72	10	84.94%
16	D821	1	89.72	62.22	10	69.35%

17		1	88.49	73.78	10	83.38%
18		1	73.5	52.55	10	71.50%
19		2	73.5	52.55	10	71.50%
20		1	70.8	50.61	10	71.48%

35kv

35kv

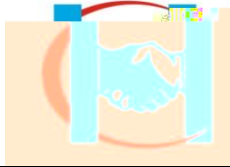
2021 7 30

2024 7 30

35kv

12 /

1

1			10253441	1	2023.3.6	
2			10253510	1	2023.2.6	

2

1	FCC			ZL200810014209.8	2008.1.28	2010.10.20	20		
2				ZL201110124965.8	2011.5.5	2013.5.1	20		
3				ZL201320139452.9	2013.3.17	2013.9.18	10		

4				ZL201110263254.9	2011.8.24	2014.12.17	20		
5	FCC NOX			ZL201420869225.6	2014.12.28	2015.8.26	10		
6				ZL201410085216.2	2014.3.6	2016.11.16	20		
7				ZL201510074806.X	2015.2.7	2017.3.22	20		
8				ZL 201720143994.1	2017.2.17	2017.9.29	10		
9	SiCl ₄			ZL201510178636.X	2015.4.15	2017.3.15	20		
10				ZL201510468726.2	2015.8.3	2018.8.28	20		
11	ZSM-5/Y			ZL201610079650.9	2016.2.5	2019.1.1	20		
12				ZL201610506039.X	2016.6.30	2019.2.19	20		
13				ZL201610079649.6	2016.2.5	2019.11.15	20		

25				ZL201922464546.3	2019.12.31	2020.12.22	10		
26				ZL201922432375.6	2019.12.30	2020.11.13	10		
27				ZL201922434713.X	2019.12.30	2020.11.3	10		
28				ZL201922432356.3	2019.12.30	2020.10.20	10		
29				ZL201922464556.7	2019.12.31	2020.10.9	10		
30				ZL201922464550.X	2019.12.31	2020.9.22	10		
31				ZL201922434692.1	2019.12.30	2020.9.15	10		
32				ZL201310500360.3	2013.10.14	2015.4.29	20		

33				ZL 202122410634.2	2021.09.28	2022.4.19	10		
34				ZL 202121521425.9	2021.07.06	2022.4.19	10		
35				ZL202011469701.1	2020.12.15	2022.6.28	20		
36				ZL202220258519.X	2022.02.08	2022.6.7	10		
37				ZL202123381831.2	2021.12.29	2022.5.13	10		
38				ZL202123366628.8	2021.12.29	2022.5.13	10		

99			HW50,251-017-50 18,480 /	2019.1.25 2024.1.25
118			HW50 251-016-50 251-017-50 10,000 /	2019.11.19 2022.11.18

	2022	1-6	2021		2020		2019	
	453.94	56.32%	924.17	53.98%	741.34	49.55%	930.81	47.41%
	164.44	20.40%	214.90	12.55%	198.03	13.24%	449.97	22.92%
	79.07	9.81%	281.16	16.42%	231.36	15.46%	309.45	15.76%
	1.21	0.15%	135.96	7.94%	269.12	17.99%	269.88	13.75%
	97.00	12.03%	120.68	7.05%	11.37	0.76%	-	-
	10.33	1.28%	35.09	2.05%	44.91	3.00%	3.10	0.16%
	805.98	100.00%	1,711.96	100.00%	1,496.13	100.00%	1,963.21	100.00%

	2022	1-6	2021	2020	2019
	805.98		1,711.96	1,496.13	1,963.21
	14,406.30		28,486.22	32,385.97	34,379.47
	5.59%		6.01%	4.62%	5.71%

1

1978 4

2011 2015

2015

1-1-60

FCC

1 FCC

FCC

2 FCC

3

4

2021

2022

2

2022

POX

3

	2022	1-6	2021		2020		2019
				%		%	

				34,379.47		32,385.97		28,486.22
14,406.30				4,285.93		2,701.52		1,175.42
-472.40								
2020				1,993.50				1,584.41
5.80%	36.97%		2021					3,899.75
1,526.10			12.04%	56.49%		2022	1-6	
	917.32			6.80%				

1

		2021		2020		2019	
		-	-	566.28	200.73	2,362.35	820.96
		-	-	215.41	56.56	465.19	120.64
		-	-	409.36	134.03	723.97	219.33
		1,096.70	264.23	1,544.30	399.60	1,447.26	452.95

	2021		2020		2019	
	710.57	181.44	763.63	200.20	902.42	277.16
	1,807.27	445.67	3,498.98	991.12	5,901.19	1,891.04
	1,854.45	1,078.50	4,007.49	1,993.43	5,591.29	2,590.80
	3,661.72	1,524.17	7,506.48	2,984.56	11,492.48	4,481.82
	12.85%	18.90%	23.18%	31.98%	33.43%	35.78%

2020

1,993.50

1,584.41

3,986.00

1,497.27

2021

3,899.75

1,526.10

3,844.76

1,460.39

2022 1-6

14,406.30

2022

2022 1-6

1,131.32

2022 1-6

2022

2019

	2022	1-6	2021	2020	2019
		19.03%	27.82%	28.71%	34.44%
		-25.19%	47.97%	35.51%	13.67%
		18.46%	28.31%	28.82%	33.96%

33.96% 28.82% 28.31% 18.46%

2

	2022	2021	2020	2019	2021	2020
	1-6				2020	2019
	19.03%	27.82%	28.71%	34.44%	-0.89%	-5.73%
	0.87%	32.10%	52.43%	64.34%	-20.33%	-11.91%
	14.77%	25.75%	24.36%	29.13%	1.39%	-4.78%
FCC	14.88%	27.30%	26.35%	29.10%	0.95%	-2.75%
	18.46%	28.31%	28.82%	33.96%	-0.51%	-5.14%

2019 2021 64.34%

52.43% 32.10% 2020 11.91% 2021

2020 20.33% 2022 1-6

31.23%

3

29.13% 24.36% 25.75%

14.77% FCC

FCC

	2022	1-6	2021	2020	2019
		6,753.13	18,217.37	22,393.99	24,204.45
		5,748.27	13,244.26	16,492.90	17,160.23
		5,529.48	14,499.30	17,683.20	17,689.35
/		12,212.96	12,564.32	12,664.00	13,683.06
/		10,395.68	9,134.42	9,326.88	9,700.88

1-1-67

2022

	2022	1-6	2021	2020	2019
/		1,817.28	3,429.90	3,337.12	3,982.18
		14.88%	27.30%	26.35%	29.10%

FCC

29.10% 26.35% 27.30%

14.88%

1 2020

2020 FCC

/

	2022 1-6	2021	2020	2019
/	968.38	1,451.44	1,951.42	2,053.31
/	797.30	721.58	673.63	692.47
/	171.08	729.86	1,277.79	1,360.84
	17.67%	50.29%	65.48%	66.28%

2022 1-6

2022 1-6

2021

15.57%-51.13%

3

Wind	2021	

	2022 1-6			2021		
	203,345.98	671.53	20.23%	401,523.04	15,584.19	27.48%
	17,326.39	1,139.21	21.76%	11,306.23	1,570.22	43.72%
	21,242.28	2,354.69	29.96%	48,206.00	2,356.99	34.51%
	80,638.22	1,388.48	23.98%	153,678.42	6,503.80	35.24%
	14,406.30	-472.40	18.46%	28,486.22	1,175.42	28.31%
	2020			2019		
	331,502.12	33,349.45	34.12%	345,859.11	46,671.79	36.08%
	8,505.45	-199.68	26.26%	12,871.57	134.85	25.23%

2022

	31,840.23	2,466.19	34.57%	26,644.90	343.2	24.99%
	123,949.27	11,871.99	31.65%	128,458.53	15,716.61	28.77%
	32,385.97	2,701.52	28.82%	34,379.47	4,285.93	36.44%

2019 2022 6

2022

2022 7-8

		2020		101.6
	100		17%	
2006				
				+
	+			
	3	/	FCC	4
/	FCC			

1

P0		D		N			
P1							
2022	5			2021			
2022	6	20			0.05	/	
	11.72	/			11,720.00		
	35,160.00						
				1,000		3,000	
				30%			

12

11,720.00

35,160.00

17,060,250

17.06%

10,828,500

10.83%

1-1-76

2022

27,888,750

27.89%

3,000

57,888,750

44.53%

2021

370502197005*****

2				1,700	96.03%
3		FCC		15,700	4.46%
4				1,000	22.50%

1

2022 4 18

2

35,160.00

2.20

3

2,788.88

3,000.00

5,788.88

450.00

450.00

35,160.00

30%

50%

=

*

30%*

50%=

30%

170%	
150%	
=	x x = x x

170%	

2022					
150%					
=	x	x	=	x	x

2022 4

28 11.44 /

2022 6 27.89%
10.47% 5%

36 2021

/

/

2022 4 18

1

11.77 /

20

80%

20

=

20

/

20

$$P1=P0-D$$

$$P1=P0/(1+N)$$

$$P1=(P0-D)/(1+N)$$

P0

D

N

P1

2022 5

2021

2022 6 20

0.05 /

11.72 /

11,720.00

35,160.00

2

1,000

3,000

30%

3

4

1

2

1

2

3

1%

4

2021 11.72 /
 11,720.00
 35,160.00

1

27.89%

3,000
 57,888,750 44.53%

2

FCC

3 / FCC

4 / FCC

3

1

2

1

13,126.08

4 / FCC

29.59% 30.81% 54.86% 65.10%

5,740.83

-12,529.88

-7,486.09

4

1

2022-2024

29,910.53

31,406.06

32,976.36

1-1-88

2022

3 / FCC

4 / FCC

1	3 / FCC	2022 9 30	10,073.00
2	4 / FCC	2022 8 31	45,587.00
3		2022 8 31	59,831.00

2022 8 9

2022 2023 2024

5% 40% 90%

3

3

	2022 E	2023 E	2024 E
	29,910.53	31,406.06	32,976.36
3 / FCC	503.65	4,029.20	9,065.70
4 / FCC	2,279.35	18,234.80	41,028.30
	2,991.55	23,932.40	53,847.90
	35,685.08	77,602.46	136,918.26

4

1

	2021	2021
	28,486.22	100.00%

2022

	2021	2021
	20,961.40	73.58%
	-	-
	11,967.54	

3

2019 5

2021 7

1

2019 822

A 2,500

13.59 /

33,975.00

4,153.77

29,821.23

1-1-91

2022

2019

5 17

2019

ZG11501

2 2021

2021 1178

32,000.00

778.42

31,221.58

2021 7 13

2021 ZG11716

2022 6

29,821.23				16,470.13			
		15,184.95		2019		12,788.42	
		50.92%		2020		884.03	
				2021		1,170.52	
				2022 1-6		1,627.16	

2022

			31,221.58			19,895.82				
						2021		16,743.96		
						2022 1-6		3,151.86		
1	4 / FCC	4 / FCC	31,221.58	31,221.58	31,221.58	31,221.58	31,221.58	19,895.82	11,325.76	2022 8 31
4 / FCC			4 / FCC			2021 9 30				
			4 / FCC							

2020 10 28

2020 11 13 2020

3 / FCC

102,577

3 / FCC

3 / FCC

1.5 /

2021 12 01

17,956

15,184.95

2020-092

3 / FCC

2021

12 1

1 3 / FCC

2021 3 / FCC

486.42

15,184.95

14,698.53

3 / FCC

102,577

2020 10 28

2020 11 13 2020

2022 4 27

2021 12

1

2022 9 30

2 1 /

2021 1 /

9,856.55

10,136.28

279.73

3

4,500

4 4 / FCC

2021 4 / FCC
16,743.96

31,221.58 14,477.62

2021 9 30

2022 4 27

4 / FCC

2021 9 30

2022 8

31

4 / FCC

1

2019 5 31

6,184.07

6,184.07

[2019] ZG11567 2019 7

24

2

2021 7 19

16,673.65

16,673.65

[2021] ZG11736 2021 7 20

1,577.00 /

		2019	2020	2021	2022	1-6		
							53.43%	
54.55%	57.10%	52.40%						
2019	2020	2021	2022	1-6				
		26,073.30		24,078.40		21,440.36		
7,294.44						77.65%	75.55%	
77.12%	51.29%							

				5,740.83	3,911.39
-12,529.88	-7,486.09	2021	2022	1-6	

	3	/	FCC
4	/	FCC	
			IPO

		9,477.80	7,887.59
10,058.63	14,643.29		

2010 11 15

2019 11 28

GR201937100531

15%

2020 12 02

GR202036001757

15%

[2016]41

6,000 / FCC

2015-2017

2018-2020

[2017]34

20,000 / FCC

2016-2018

2019-2021

FCC

13%

2022

一、发行人控股股东、实际控制人声明

本人承诺本募集说明书内容真实、准确、完整，不存在虚假记载、误导性陈述或重大遗漏，按照诚信原则履行承诺，并承担相应的法律责任。



张新功

青岛惠城环保科技集团股份有限公司



2022年10月12日

二、保荐机构（主承销商）声明

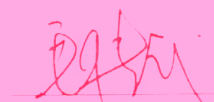
本公司已对募集说明书进行了核查，确认本募集说明书内容真实、准确、完整，不存在虚假记载、误导性陈述或重大遗漏，并承担相应的法律责任。

法定代表人：


侯巍

保荐代表人：


陈超


毛传武

项目协办人：

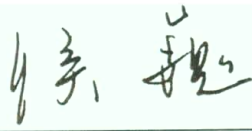

樊佳妮



二、保荐机构（主承销商）声明

保荐机构董事长声明：本人已认真阅读募集说明书的全部内容，确认本募集说明书不存在虚假记载、误导性陈述或重大遗漏，并对本募集说明书真实性、准确性、完整性、及时性承担相应法律责任。

保荐机构董事长（签名）：



侯 巍

中德证券有限责任公司

2022年10月12日

二、保荐机构（主承销商）声明

保荐机构总经理声明：本人已认真阅读募集说明书的全部内容，确认本募集说明书不存在虚假记载、误导性陈述或重大遗漏，并对本募集说明书真实性、准确性、完整性、及时性承担相应法律责任。

保荐机构总经理（签名）：


段涛



三、发行人律师声明

本所及经办律师已阅读募集说明书，确认募集说明书内容与本所出具的法律意见书和律师工作报告不存在矛盾。本所及经办律师对发行人在募集说明书中引用的法律意见书和律师工作报告的内容无异议，确认募集说明书不因引用上述内容而出现虚假记载、误导性陈述或重大遗漏，并对其真实性、准确性和完整性承担相应的法律责任。

王兵

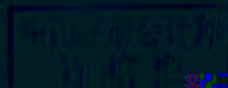
王兵

王兵

王兵



四、会计师事务所声明



A