

300779

123118



Qingdao Huicheng Environmental Technology Group Co., Ltd.

57

2022

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2022



81

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2022

2022

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		2022 A
		2022 A
		FORLAND PETROCHEMICAL TECHNOLOGY LLC

	Qingdao Huicheng Environmental Technology Group Co., Ltd.
	91370200783724899J
	2006 2 27
	10,000
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	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

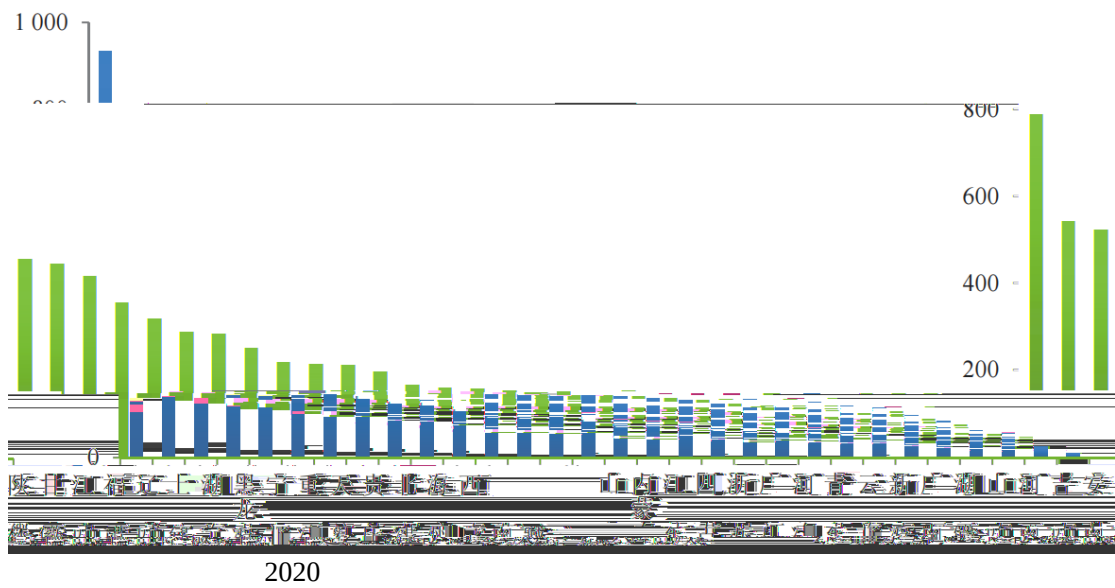
2020

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

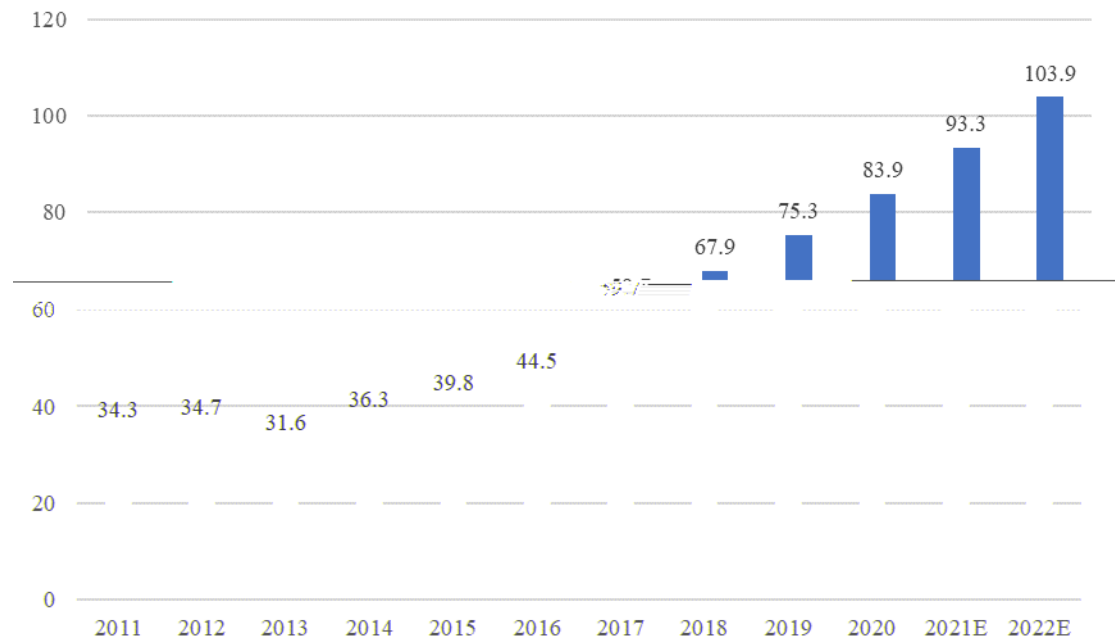
2013

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

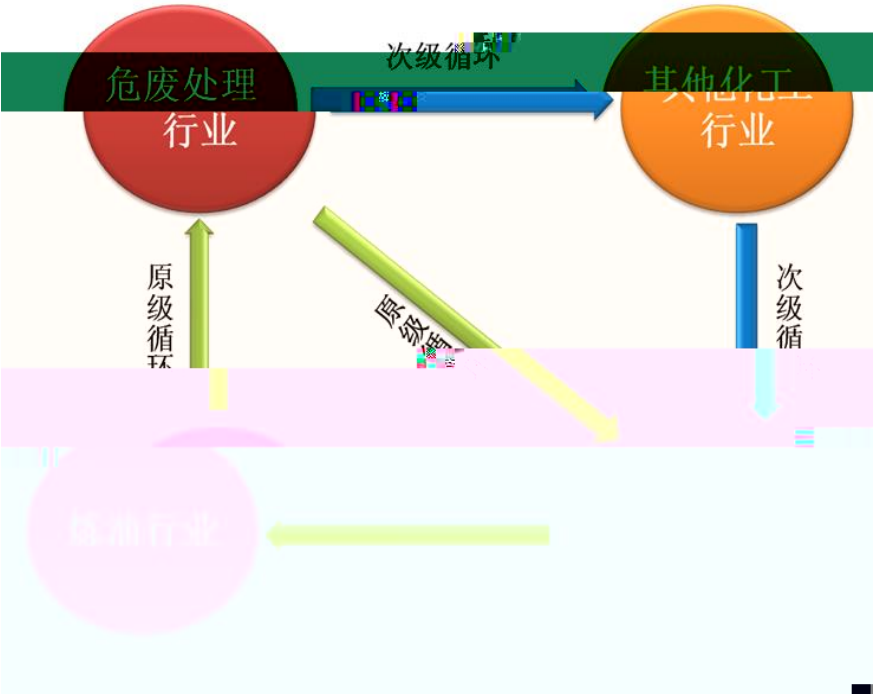
479

2

3

4

1



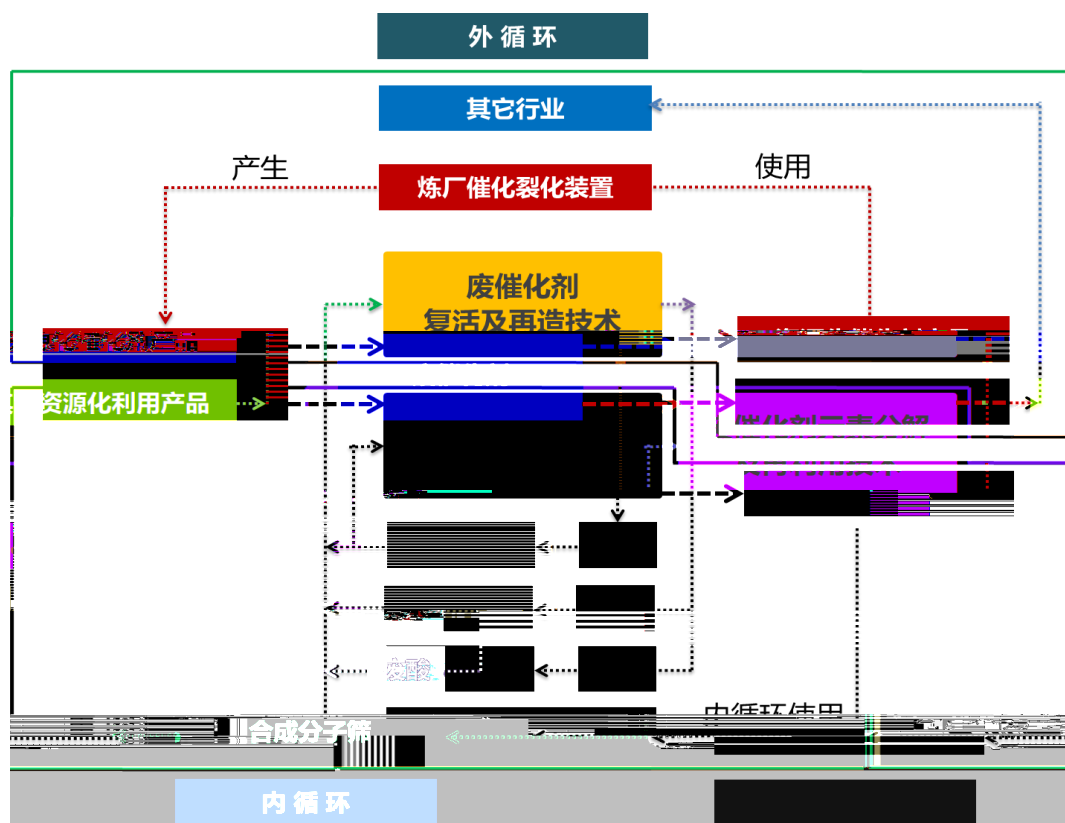
2

2020

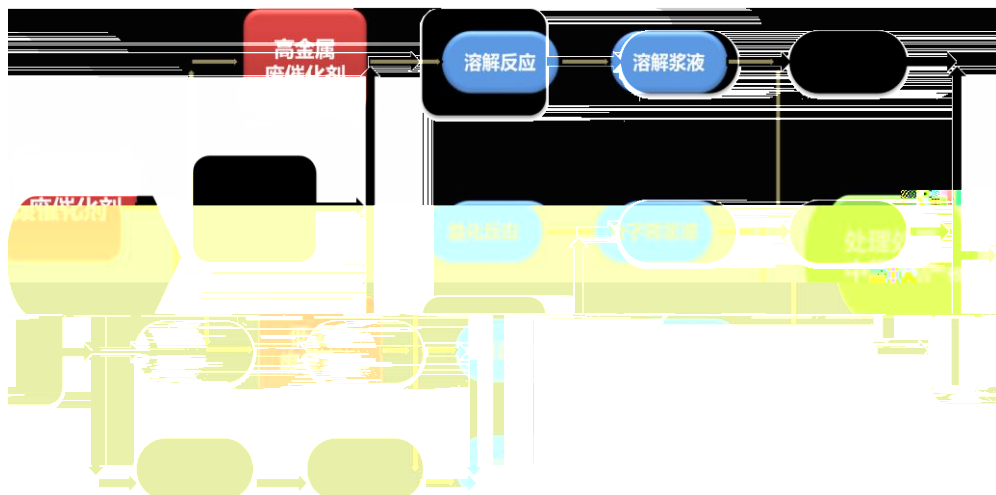
2021
GDP

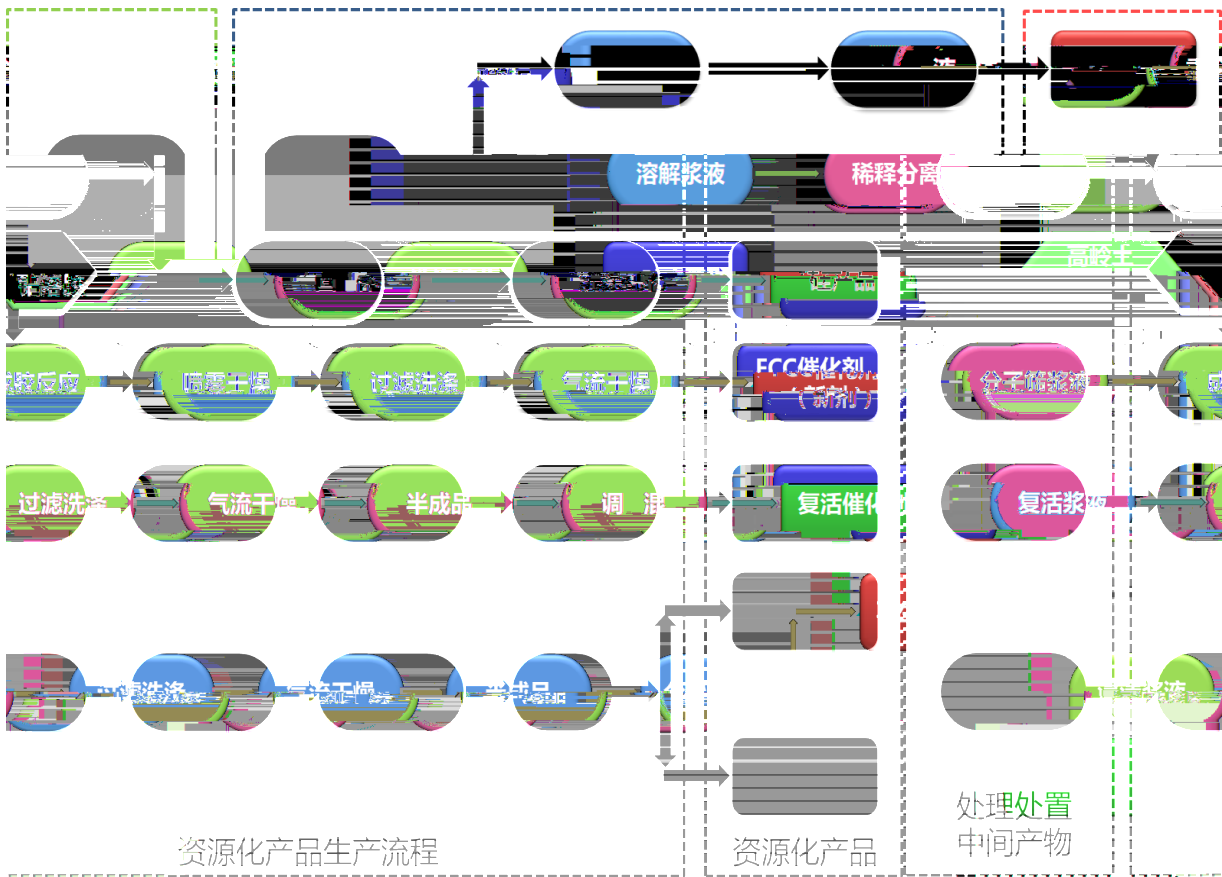
8.1%

FCC



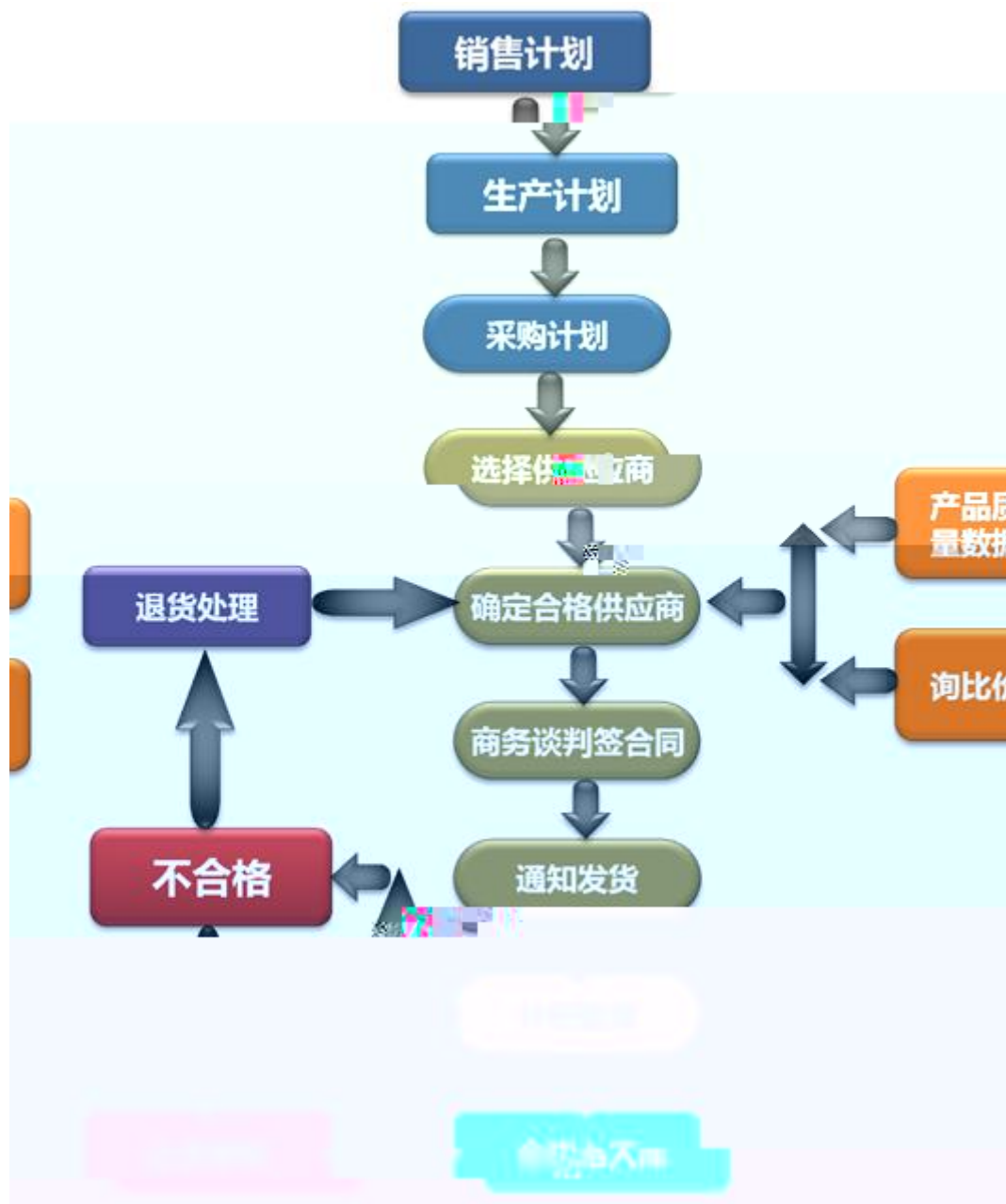
1







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

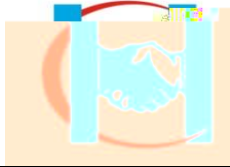
2021 7 30

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

FCC

1 FCC

FCC

2 FCC

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2021

2022

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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

3 / FCC

2

3

-7,486.09

4

1

2022-2024

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

2022

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				

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

3 1 / 2,980.98

1,577.00 /

2020

[2022] ZG11433

2021 12 31

[2007]500

2021 12 31

		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

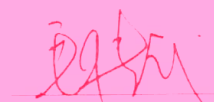
本公司已对募集说明书进行了核查，确认本募集说明书内容真实、准确、完整，不存在虚假记载、误导性陈述或重大遗漏，并承担相应的法律责任。

法定代表人：


侯巍

保荐代表人：


陈超


毛传武

项目协办人：

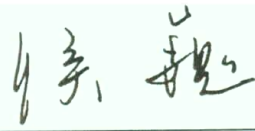

樊佳妮



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



二、保荐机构（主承销商）声明

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保荐机构总经理（签名）：



段 涛



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王中安
王中安 律师

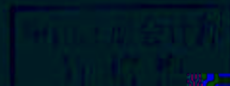
王中安
王中安 律师

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王中安
王中安 律师



四、会计师事务所声明



A