

股票简称：惠城环保

股票代码：300779

债券简称：惠城转债

债券代码：123118



“ ”

2024 1-9 4,343.82
5.71% 8.63
7.43
1

2
2024 1-9

1.35

2024 9 4000 /

2

1

A

2024

U .

3

80% 20 20
/ 20 = 20

4

30% 58,197,099

5

2024		A
7		
8	A	85,000.00

1		37,667.00	35,000.00
2		53,201.62	25,000.00
3		25,000.00	25,000.00
		115,868.62	85,000.00

9		
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.....	150

POX		Partial Oxidation of Methane POX POX

	Qingdao Huicheng Environmental Technology Group Co., Ltd.
	91370200783724899J
	2006 2 27
	19,495.47
	395
	395
	266520
	300779
	0532-58657701
	0532-58657729
	www.hcpect.com
	stock@hcpect.com

“ ” 2024 9 30

194,959,988

2024 9

1			61,684,350	31.64%
2			15,159,900	7.78%
3			3,277,819	1.68%
4			3,160,220	1.62%
5			2,754,300	1.41%
6			2,447,906	1.26%

FCC

2022 12

2023 4 “

CPDC

”

“ 20 /

”

1

2021 1 1

“

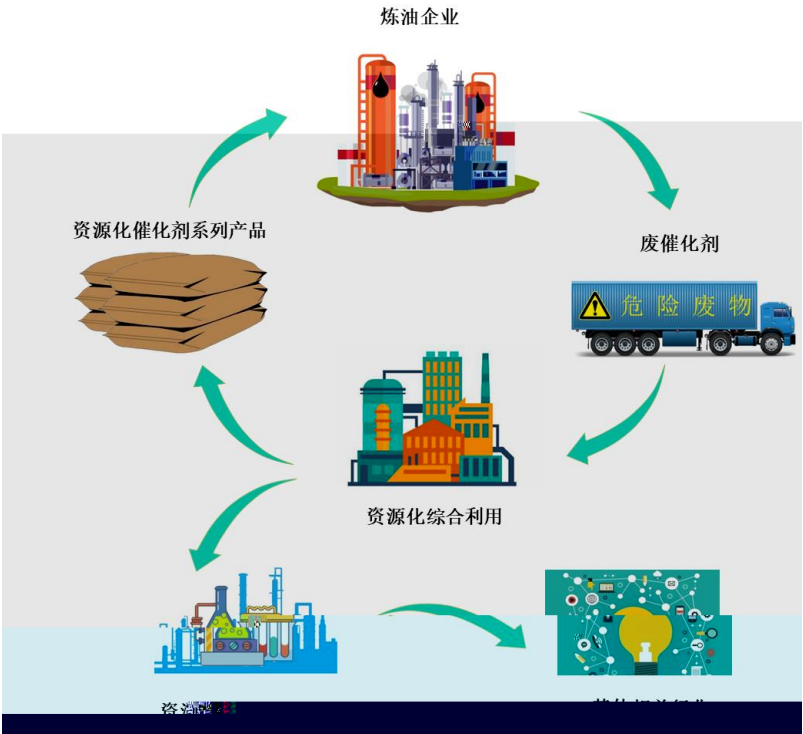
” “

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3

4

2024 1

“

” 2024 7

“

”

8,000

6,800

4,340

1,900

44%

CPDC

“ ” “ ”



1

1

2

“ ”

2

1 FCC

FCC

AIC		
AIC		

UPC		

2

H

HCRL		<div>-</div> <div>72-7560-80%170m²/g60-70%</div>
HCRH		<div>HCRL</div> <div>80200m²/g80%-90%</div> <div>HCRL</div>

1

	2024	1-9	2023		2022		2021	
		%		%		%		%
	50,337.38	58.78	70,229.36	66.03	3,938.31	11.00	2,978.49	10.71
	2,972.97	3.47	3,566.36	3.35	2,597.06	7.26	2,978.49	10.71
	47,364.41	55.31	66,663.00	62.68	1,341.25	3.75	-	-
	31,783.07	37.11	31,858.31	29.96	24,363.78	68.08	23,008.15	82.76
FCC	22,422.09	26.18	20,522.65	19.30	19,805.69	55.34	18,628.81	67.00
	5,893.48	6.88	6,715.69	6.31	-	-	-	-
	2,075.66	2.42	1,774.40	1.67	2,160.33	6.04	25.25	0.09
	1,443.58	1.69	2,489.69	2.34	5,324.87	14.88	1,790.52	6.44
	85,639.69	100.00	106,351.75	100.00	35,787.29	100.00	27,802.41	100.00

1 2022

2,160.33

“

”

2021

25.25

“

”

“

”

2

2

	2024	1-9	2023		2022		2021	
		%		%		%		%
	85,044.08	99.30	105,519.61	99.22	32,414.40	90.58	26,902.01	96.76
-	12,742.68	14.88	15,209.19	14.30	16,012.25	44.74	21,440.36	77.12
-	72,301.40	84.43	90,310.42	84.92	16,402.16	45.83	5,461.65	19.64
	595.61	0.70	832.15	0.78	3,372.89	9.42	900.40	3.24

2024			A		
		2024 1-9	2023	2022	2021
		110.91%	88.50%	-	-
		100.00%	100.00%	-	-

100%

2022-2023 4 / FCC
3 / FCC

1 FCC

2021-2022 73.54% 85.99%

FCC 92.13% 83.60%

2023 3 / FCC 4
/ FCC FCC

FCC

2024 2024 1-9 FCC
111.54%
FCC

2

2022 12

2023

2023 2024 1-9
79.97% 67.39% 2024 1-9

2023

2024 1-9

1

	2024	1-9	2023		2022		2021	
	4,370.23	21.43%	4,178.03	17.48%	1,497.45	8.77%	481.88	4.67%
	3,042.17	14.91%	3,784.01	15.84%	1,937.65	11.34%	2,585.04	25.03%
	1,732.88	8.50%	2,202.99	9.22%	1,742.32	10.20%	546.31	5.29%
	1,682.57	8.25%	2,333.94	9.77%	3,177.17	18.60%	1,810.92	17.53%
	1,549.56	7.60%	1,761.79	7.37%	1,122.57	6.57%	874.12	8.46%
	1,233.61	6.05%	1,550.29	6.49%	1,647.86	9.65%	1,098.47	10.63%
	13,611.03	66.73%	15,811.05	66.17%	11,125.01	65.13%	7,396.74	71.61%

2023

2

		2024 1-9	2023	2022	2021
		7,473.04	11,139.73	1,118.34	586.09
		307,459.23	370,790.42	38,240.17	27,990.57
	/	243.06	300.43	292.45	209.39
		3,862.81	5,328.51	1,953.73	1,366.39
		6,863.98	8,458.87	2,857.81	2,230.25
	/	0.56	0.63	0.68	0.61

2,743.25

2023

2023

FCC

1 FCC

—

FCC

2 FCC**3****POX**

POX

4

CPDC

5

6

	67,206.72	11,378.58	55,828.14	83.07%
	151,755.95	32,762.47	118,993.48	78.41%
	1,954.68	799.80	1,154.88	59.08%
	1,417.30	674.19	743.12	52.43%
	222,334.65	45,615.03	176,719.62	79.48%

GB/T 4754-2017

“

C42 ”

1

1

2

Ů

2

1	1989 2014		

1995
2020

	2008 2018		
	2011		
	2004 2016		
	2008 2021		50
	2012	3	
	2013 2016		“ ” “ ”
	2016		1 “ ” 2 “

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”

3 “

			”
	2024		“
			”

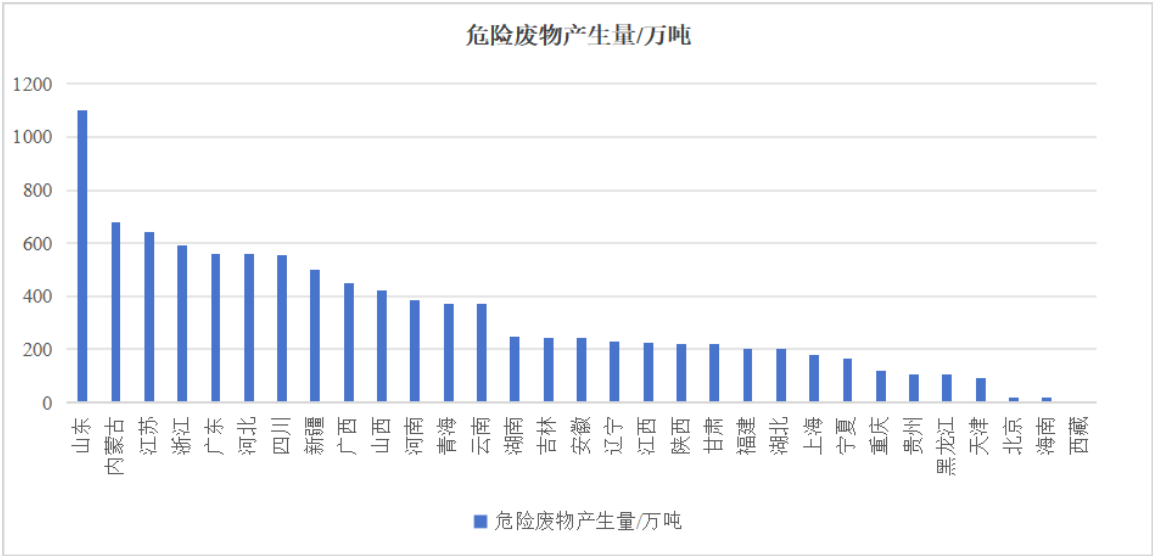
2			
2006-2020	2006		
	2006		“ ”
	2009		
			“ ”
2011	2011		S-Zorb
	2017		
“ ”	2022		1 “

9,443.90

2022

3,575.00

37.60%2022



2011

2023

399,103.1

2

1

80%

					2019
			1		0.354kg
FCC			68.90%		2023
73,477.80			9.3%	FCC	
17.92	2020	FCC		110	/
92	/	2025		53.5	
	10	/	FCC		100

2023

2023

1.1%

20.7%

2024		A	
2024		2024	
		2024	
“		” 2024	
30%	0.07%	90%	

20

2

10%

3

3%

2016

2

1

“ ”

“ ”

“ ” “

2

3

3%

2024 5

2024 2025

“

”

4

6,800 8,000 4,340 1,900

44%

2024 3.3

200 2018 5 1

“ ”

0.01

“ ” “ ” 2024 1

“

” 2024 7 “

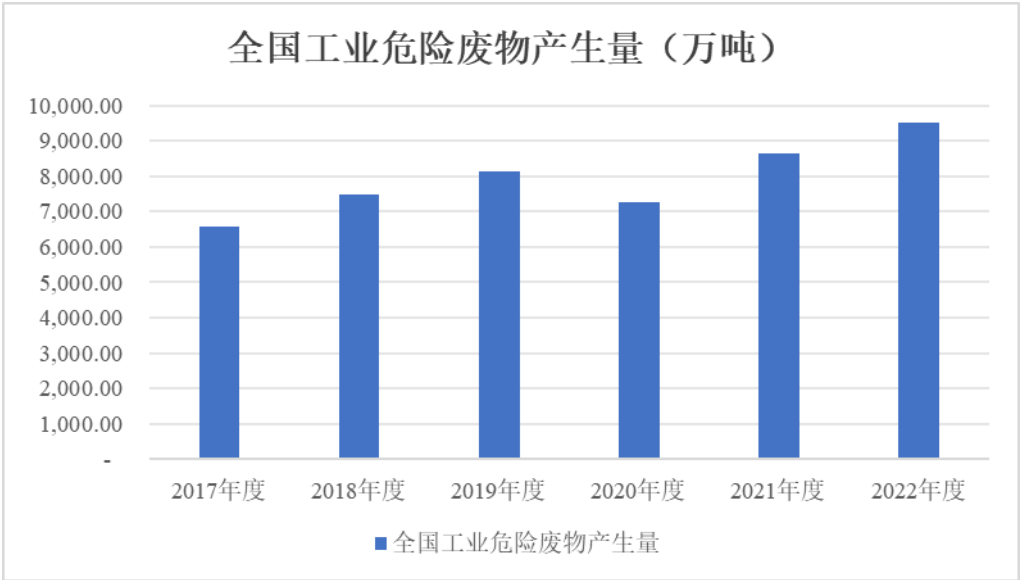
”

“ ”

1

2017 6,581.30 2022 9,514.80

7.65%



2

2019

1

0.354kg

FCC

68.90%

2023

73,477.80

9.3%

FCC

17.92

2025

10

2020

FCC

110

/

92

/ 2025

53.5

10 /

FCC

100

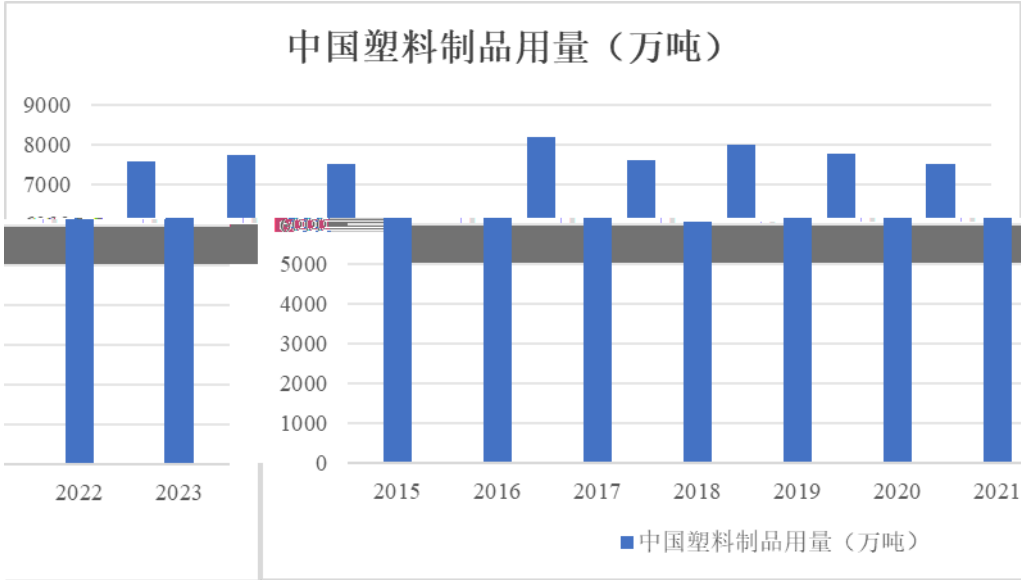
3

3%

2024 5

2024 2025

“



2015

6000

2024

3.3

200

2018 5 1

“ ”

0.01

5

2012 “ ”

2024		A	
		2004	
		2007	
2013			2016
2016			
		“	
		“	”
		”	
2016	5	“ ”	
		2020	
		90%	2030
		95%	
“ ”		“	
”			

2013

2-3

3-5

1

2021

46

2

1

2

3

4

3

4

1

1

[2011]19

2

“

”

70%

30%

3

3%

4

” “ ” “

3

2,000

2023

4

CPDC

“ ” “ ”

“ ” “ ”

27 “ 2 7 2023 4 CPDC ”

20 /

3

1

FCC

1999

44

2024				A			
190							
2003		1			H		
2012	4						
				2021			
				230	/		
“	—	—	—	”			
				2023			
1,800,135.34							
				5	2023		
41,039.26				22,400.72			

3

CPDC

4

1

“ + + “
” ”

"

53

3

”

1-1-59

5

20 /

“ ”

6

7

1

1

2

2020

2020

2021—2022

3

2022

2

1

“

”

2025

6.1

12.9

3

1

2

1,900

6,800

8,000

4,340

44%

20241

“ ” 20247

“ ”

“ ”

1

“ ” + +
“ ”
4 / 5.8 /

2023

2

8,000

6,800

4,340

1,900

44%

CPDC

“ ” “ ”

2

7

2023 4 27

“

CPDC”

20 /

3

3 / FCC

4

/ FCC

20 /

4

2024 6 27

2023 12 26

1

2

3

4

5

6

7

1	2				200.00	2024/3/19	
2	A				300.00	2024/3/19	
3					200.00	2024/3/20	3

4	3				200.00	2024/3/20	69
5	2				200.00	2024/3/20	
6	7				1,500.00	2024/3/22	
7	1				200.00	2024/3/26	
8	1				2,000.00	2024/3/28	2022 3 11
9	7				1,500.00	2024/4/1	
10	7				2,000.00	2024/4/1	
11	“ ”				2,000.00	2024/4/9	
12	2				3,801.91	2024/4/10	
13	1				1,500.00	2024/4/10	
14					1,000.00	2024/4/10	3

15	3				1,000.00	2024/4/10	69
16	90 A				1,000.00	2024/4/10	90
17	2				1,000.00	2024/4/10	
18	2				198.09	2024/4/10	
19					1,500.00	2024/4/18	3
20	1				1,500.00	2024/4/24	
21	3				2,000.00	2024/5/1	
22	100 75 FOF				1,000.00	2024/5/13	3
23	- 1				200.00	2024/6/7	
24	59				500.00	2024/8/10	

25	2				1,000.00	2024/8/14	
26	C				2,000.00	2024/8/15	
27					800.00	2024/8/15	3
28					100.00	2024/8/15	3
29					100.00	2024/8/16	3
30					1,000.00	2024/8/16	
31					1,000.00	2024/8/17	
32					100.00	2024/8/19	3
33	E				1,000.00	2024/9/6	14
34					1,000.00	2024/9/9	2024 3 22

2024922“

10075FOF”1,000.0023“

-1”200.00

2024 10

1					1,000.00	2024/10/25	
2	2				800.00	2024/10/25	7
3	49				1,400.00	2024/10/28	
4	3				800.00	2024/10/29	
5					1,500.00	2024/10/29	
6	35				1,000.00	2024/10/29	35
7	165 B				700.00	2024/10/31	
8	31 C				700.00	2024/10/31	
9	JS001				700.00	2024/11/27	

5,000.00

1		1,214.68		
2		3,879.12		
3		6,665.22		
4		330.00		
5		2,305.96		
6		304.34		
7		29,651.29		

1

1,214.68

“ 7

”

2

3,879.12

3

6,665.22

2024				A
259.74				
2024	3	29		
639.18				
2024	9	9		2023
0211	28036			
102.00				34.00
49.86		2024	9	19

”

2

1 2023 12

2023 12 30

2023 0225

1.00

2024 1

“

” 2024 1 5

2023 12 29

2024 1 4

“

”

2 2024 9

2024 9 14

2024 0165

1.00

2024 9

“

” 2024 9 20

2024 9 13 2024 9 19

“

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3

2023 12 8

2023 2

“

”

6.60

2023 12

“

”

“

”

6.60

“

”

2024 1-9

4,343.82

9,283.88

2024 1-9

5.71%

8.63

7.43

2024			A		
1					
2023	2024	1-9			
	2024	1-9	2023		
		24.80%	32.37%		
		24.79%	33.87%		
		25.44%	30.21%		
		24.75%	34.07%		
		24.88%	29.74%		
FCC		5.45%	9.74%		
		100.00%	100.00%		
		21.56%	31.76%		
		28.09%	23.87%		
		22.99%	9.96%		
		24.79%	32.22%		

2024
1-9
24.79%
7.43

1					
2023	2024	1-9			
			2024	1-9	2023
				2,972.97	3,566.36
				2,216.73	2,489.14
				30,448.07	35,014.64
/				976.41	1,018.53
/				728.04	710.89
/				248.37	307.65
				25.44%	30.21%

2023
2024
1-9

1,018.53
/
976.41
/

2023
2024
1-9
710.89
/

2024		A	
728.04	/	2024	1-9
		2024	1-9
		3	/ FCC
2023	4		
2			
2023			
		2024	1-9
		2023	
		47,364.41	66,663.00
		35,639.59	43,951.94
		101,086.32	159,939.07
		24.75%	34.07%
2024	1-9	9.32	
2024	1-9	5.27%	
		2024	1-9
2024	1-9	2023	
2024	1-9	8.12%	
		1	
50%			
		2	
		3	
3	FCC		
1-1-78			

	2024 1-9	2023 1-9	
	-35,428.22	-35,692.38	0.74%
	77,568.77	98,656.23	-21.37%
	7,502.30	9,687.58	-22.56%
	16,547.62	24,217.14	-31.67%
	4,343.82	13,627.70	-68.13%

2024

65.58% 65.50% 18.06%

2024 1-6

	2024 1-6	2023 1-6	
	-25,735.73	-19,892.08	-29.38%
	48,471.00	74,805.06	-35.20%
	5,275.83	8,451.31	-37.57%
	473.74	1,376.16	-65.58%
	2,084.29	6,040.88	-65.50%
	2,303.68	2,811.38	-18.06%
	5,478.80	12,265.45	-55.33%
	3,495.81	8,604.43	-59.37%

1

2

3

1.35

2024 9

4000 /

2022 6,560.3

2023 8,055.7

FCC

“ ” “ ”

1

“ ”

2

2023

FCC

“ ” + “ ” +

2025

10

FCC

FCC

FCC

FCC

3

“

”

2023

“ ”

2024		A	
2007 7		2018 2	
45.6		42.4	
6.58			
“ ”			
“ ”		— —	
“ ”			
2023			
		2024 2	
8		55.38	
		“ ”	
1			
2023 “ ”		“ ”	

2

2007 7

2018 2

45.6

42.4

6.58

“ ”

“ ”

— —

“ ”

2023

“ ”

“ ”

3

35

35

1.00

A

35 35

20 = 20 80% 20 / 20

P1=P0-D

P1=P0/ 1+N

P1= P0-D / 1+N

P0 D N

P1

30%

58,197,099

A

2024

2024

A

2024

2024

A

85,000.00

1		37,667.00	35,000.00		
2		53,201.62	25,000.00		
3		25,000.00	25,000.00		-
		115,868.62	85,000.00	-	-

1

	37,667.00
	“ ”

2

37,667.00

=====

		/	/	/	
					13,816.00
2					
2.1		21,350.00	2,000.00		4,270.00
2.2		27,794.59	1,090.50		3,031.00
					7,301.00
3					
3.1		21,348.00	960.00		2,049.00
3.2		21,348.00	220.00		470.00
3.3		1	5.00		5.00
3.4		21,348.00	510.00		1,089.00
3.5		21,348.00	90.00		192.00
3.6		21,348.00	150.00		320.00
3.7		4,000.00	530.00		212.00
3.8		27,800.00	3,300.00		9,174.00
					13,511.00
4					
4.1		/	/		95.00
4.2		/	/		490.00
4.3		/	/		235.00
4.4		/	/		73.00
4.5		/	/		82.00
4.6		/	/		42.00
4.7		/	/		72.00
					1,089.00
5					1,050.00
6					900.00
					37,667.00

	/												
		1	2	3	4	5	6	7	8	9	10	11	12
1													
2													
3													
4													
5													

4

16

1

2

1

1

2

15

70%

80%

90%

100%

42,979.16

1	48%	199,465.28	1,327.43	26,477.69
2		41,102.40	2,654.87	10,912.14
3		2,224.60	8,276.56	1,841.20
4		/	/	3,748.12
		-	-	42,979.16

2

			%		
1		13,697.89	25.75	13,697.89	8,026.74
2		17,588.22	33.06	17,588.22	13,094.90
3		5,175.22	9.73	5,175.22	3,878.36
4		9,722.17	18.27	7,560.97	-
5		5,542.02	10.42	-	-
6		865.89	1.63	-	-
7		610.21	1.15	-	-
		53,201.62	100.00	44,022.30	25,000.00

							/
1		13,697.89	17,588.22	5,175.22	36,461.33	/	/
1.1		112.04	177.70	15.96			

							/
2.4		/	/	/	2,025.76	/	/
3		/	/	/	5,542.02	/	/
4		/	/	/	865.89	/	/
5		/	/	/	610.21	/	/
6		13,697.89	17,588.22	5,175.22	53,201.62	/	/

3

KU8\$NETHA6HA'ADAADA1xF@NETHNETHA1F@@8ETHHETHAa1F@DAA8TB\$Qa!8C

1	/												

2024		A		
60%				
70%		80%		
100%				
27,712.87				
			/	
1		161,599.66	1,074.60	17,365.57
2		2,374.95	39,450.15	9,369.21
3		/	/	978.10
		-	-	27,712.87
2				
		27,712.87		
		17,792.17		
		35.80%		
		5,934.24		
		4,450.68		
		16.06%		
27,712.87		17,792.17	35.80%	
		2023	16.06%	
		2023	26.12%	2024
1-9	19.17%			
		8.81	12.10%	
1-1-99				

1

2024		A
5		
6		

1

2

3

16.96 /

5.04 /

55.40 2021 3

16.7 /

2021 6

1.76 /

4-5

/

0.8

9

20 /

8 /

10 /

20 /

2.30

1.16 /

90%

4

1

“

”

[2021]2

2021

2

[2021]30

3

1

2021 3

“ 8 ”

2021 11 20

2

3

“ 2024

0007198 ”

115,493.00

“ 8 ”

“ 8 ”

1

2019 11 18

[2019]26

2021 9 14 2021 12 31

2024 2024 7 30

[2024]1

2

[2022]127

3

“ 2024

0007198 ”

1

	2024	1-9	2023	2022	2021
		1,977.23	1,975.83	1,595.66	1,711.96
		86,218.75	107,065.49	36,323.20	28,486.22
		2.29%	1.85%	4.39%	6.01%

2024

9

86

53

33

2

1,067

156

14.62%

3

1

4.30

2.65

1.09

2021

81.55%

0.9%

20

/

2

2.77

1.74

16.96 / 5.04 /
2021 6

1.76 /

4-5 /

9

90%

1

2024 “ ”

2024 “ ”

” “ 6 ” “ 8 ”

2

2018

[2018]554 2019

[2019]785 2020

[2020]901

[2010]7

[2011]46 [2013]41

2024

2024 4 “

”

3

2024

1

“

”

“

”

2

“

”

	2024	A	0	1	,
			900.00		
610.21					
3	0	4	0		

3

	2021	2022	2023
	28,486.22	36,323.20	107,065.49
	-12.04%	27.51%	194.76%
	70.08%		
	93.87%		
	30.00%		

4

2021-2023

	2021		2022		2023	
	28,486.22	100.00%	36,323.20	100.00%	107,065.49	100.00%
	10,058.63	35.31%	17,094.60	47.06%	19,571.81	18.28%
	347.07	1.22%	708.54	1.95%	1,679.20	1.57%
	8,508.77	29.87%	10,684.13	29.41%	19,357.12	18.08%
	18,914.47	66.40%	28,487.27	78.43%	40,608.13	37.93%
	7,386.63	25.93%	9,406.71	25.90%	10,235.08	9.56%
	811.88	2.85%	765.42	2.11%	1,395.38	1.30%

	2021		2022		2023	
	111.58	0.39%	435.15	1.20%	189.49	0.18%
	8,310.09	29.17%	10,607.28	29.20%	11,819.95	11.04%
	10,604.38	37.23%	17,879.99	49.22%	28,788.18	26.89%
						37.78%
						26.89%

5

30.00%

2024-2026

2023

	2023		2024 -2026		
			2024	2025	2026
	107,065.49	100.00%	139,185.14	180,940.68	235,222.88
	19,571.81	18.28%	25,443.35	33,076.36	42,999.27
	1,679.20	1.57%	2,182.96	2,837.85	3,689.20
	19,357.12	18.08%	25,164.26	32,713.53	42,527.59
	40,608.13	37.93%	52,790.57	68,627.74	89,216.06
	10,235.08	9.56%	13,305.60	17,297.29	22,486.47
	1,395.38	1.30%	1,813.99	2,358.19	3,065.65
	189.49	0.18%	246.34	320.24	416.31
	11,819.95	11.04%	15,365.93	19,975.72	25,968.43
	28,788.18	26.89%	37,424.63	48,652.02	63,247.63
			8,636.45	11,227.39	14,595.61
					34,459.45
					5,898.93

2024			A		
	2023		2024 -2026		
			2024	2025	2026
					28,560.52

2024-2026		8,636.45	11,227.39
14,595.61	34,459.45		
5,898.93	28,560.52		

2		30%	2024-2026
	34,459.45		5,898.93
	28,560.52		
			18

	LPR	
1		
1		

2		
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2

6.79%

3

1

	91445224MA55Q2HT3U
	2101
	24,676
	2020-12-18

2022 10

4

1

93.21%

2

LPR

3

2 —

1

			7,301.00
			28,302.00
			13,697.89
			25,563.50
			4,760.91
			79,625.30

79,625.30

2

2023

2023

1		5,790.95	
2		177,757.52	2023
3		23,667.53	2023
4		3.26%	-
5		24.47%	-

“

” “

”

	2019	5	2021
7	33,975.00@		
	[2019]822		
	A	2,500	
13.59 /	33,975.00		4,153.77
		29,821.23	

2024

A

29,821.23

1-1-124

			31,221.58						28,071.63				
4	/	4	/										
1	FCC	FCC		31,221.58	30,306.55	30,306.55	31,221.58	30,306.55	28,071.63	2,234.92	2023	2	28

			30,836.96								
									30,836.96		

1

30,836.9630,836.9630,836.96

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

2022 4 27

“ 3 / FCC

” “ 4 /

FCC

”

				2024 1-9	2023	2022	2021		
2	1 /	53.06%	1,577.00 /	-698.79	-658.92	-17.75	-715.85	-4,356.44	
3	4 / FCC	114.94%	7,888.00 /	3,012.34	3,043.69	91.95	-	6,147.98	

1	3	/	FCC					15,184.95	
	16			1	15			6.4	
	1			2,269.00	/				
2	1	/				10,136.28			
17			2	15		6.69			
			1,577.00	/					
3	4	/	FCC			31,221.58			
	16			1	15		6		1
				7,888.00	/				

1 / 3 / FCC
2017

	2017	2016
	96.47%	61.20%
	67.37%	54.93%
	18,480.00	18,480.00

2016-2017

18,480.00 / 2017 100%

4 / FCC 2020
FCC

	2020	2019
	105.88%	101.40%

2024		A
	2020	2019
	26.35%	31.94%
	20,000.00	20,000.00

5.85 /

FCC 2 /

FCC

FCC 100%

“

”

4 / FCC

1

2023 2023

1.1%

20.7% 2024

2024

2024 “ ” 2024

30% 0.07% 90%

2

2021

77.12%

2020

5
5,901.19

2019

4000 /

1 9,000 2 2024 9

3

FCC

2020

FCC

1

2

3

1

2019

33,975.00

29,821.23

4,500.00

2024 7 15

9,421.48

31.59%

30%

475.11

2022

30%

3,516.00

30%

475.11

2

2021

32,000.00

31,221.58

2024

18

			2023	7	6			2024
6	27		18		6		2024	5 31
22,771.42							76.36%	2021
							26,792.55	
					85.81%	2023		
			30,788.96					
		99.84%						
70%								
40				18	4			

2023	2024	1-9
69.12%	62.75%	

“

”

1

3 /

FCC 4 / FCC

2.85 / 5.85 /

FCC 2 / 4 /

2

“

POX

”

“

”

2024 1-9 4,343.82
5.71% 8.63
7.43

1

2

2024 1-9

1.35

2024 9

2022 12 14

GR202237100050

15%

2019

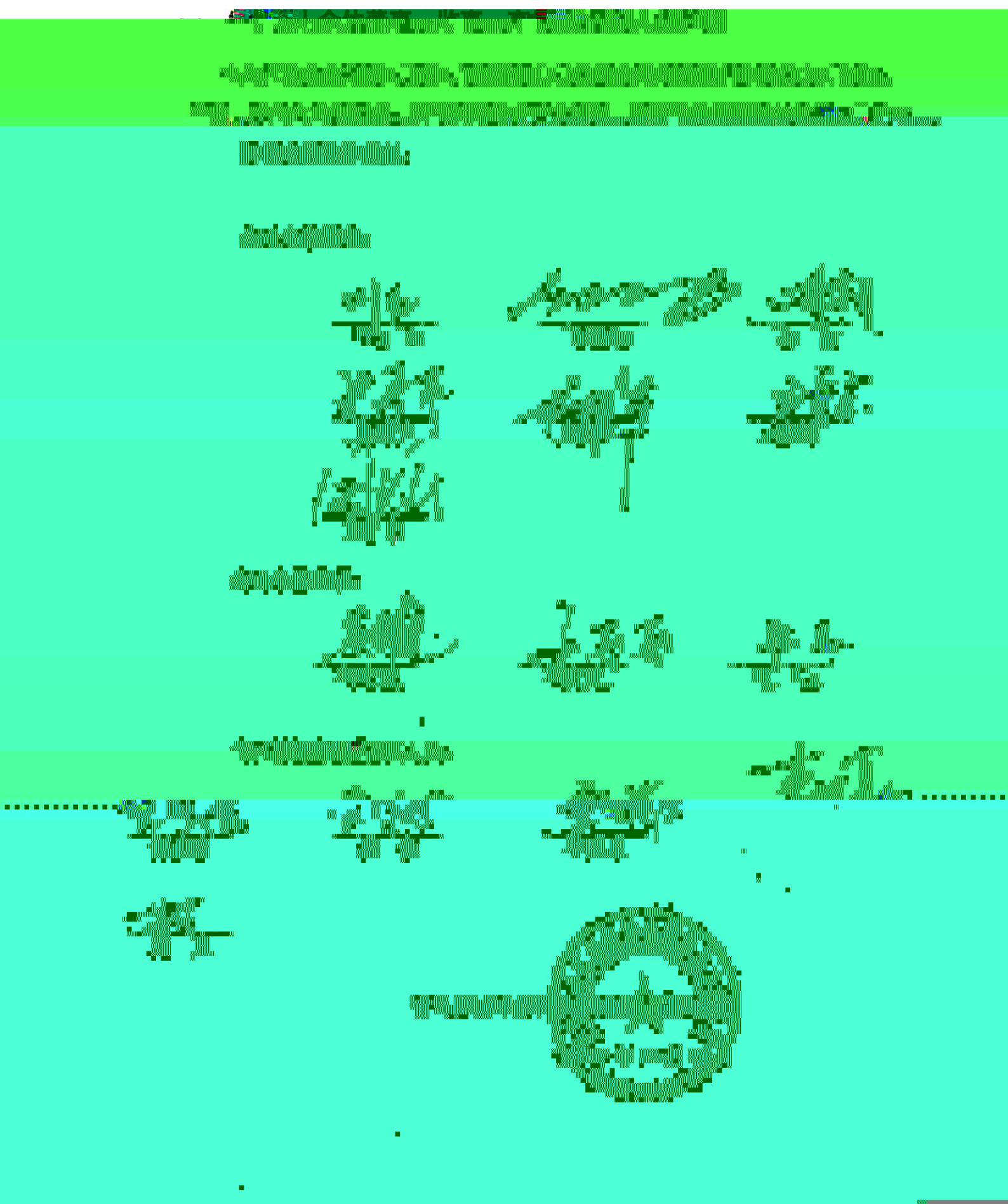
“ ”

			%	%
	51,934,350	22,270,000	11.36%	42.88%
	15,159,900	9,405,500	4.80%	62.04%
	67,094,250	31,675,500	16.16%	47.21%

31,675,500

16.16%

47.21%



二、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，并对虚假记载、误导性陈述或重大遗漏承担个别及连带的法律责任。

控股股东、实际控制人：


张新功

青岛惠城环保科技有限公司

2024年12月23日



三、保荐机构（主承销商）声明

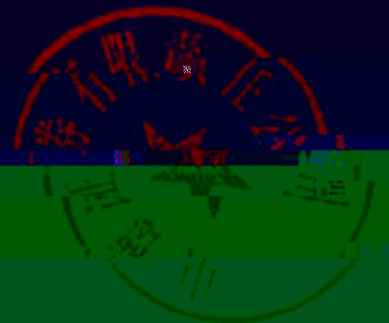
本公司已对募集说明书进行了核查，确认募集说明书的内容真实、准确、完整，不存在虚假记载、误导性陈述或重大遗漏，并承担相应的法律责任。

项目协办人：


龚宇轩

2024年10月28日

2024年10月28日



四、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不存在矛盾。本所及经办律师对发行人在募集说明书引用的法律意见书内容或重大遗漏，并承担相应的法律责任。

张仁 2024年11月12日



中国注册会计师
执业道德
2002年10月1日
实施

立信会计师事务所(特殊普通合伙)
2024年12月23日



六、董事会关于本次发行的相关声明及承诺

（一）公司董事会关于公司未来十二个月内再融资计划的声明

除本次发行外，在未来十二个月内，公司董事会将根据公司资本结构、业务发展规划，并考虑公司的融资需求以及资本市场发展情况确定是否安排其他股权融资计划。

（二）公司填补本次向特定对象发行A股股票摊薄即期回报采取的具体措

