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		20172018201920201-9
		20172018201920209
		201720182019

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2019	
2015	

2013

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2018	
2020	

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

PFCC

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RFCC

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2020 10 13

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2020 6 24

2020 7 14

2020

3-1-11

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2017	2018	2019		
5,019.32	6,374.64	4,285.93		5,226.63
			32,000.00	
3.00%				
		960.00		

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2	2017	2018	2019	
	5,019.32	6,374.64	4,285.93	5,226.63
				32,000.00
	3.00%			
				960.00

3	2017	2018	2019	2020	9
	44.91%	49.86%	29.59%	28.48%	
	2017	2018	2019	2020	1-9
		-1,509.04	826.77		

5,740.83	2,891.84	19,699.66		
5,019.32	6,374.64	4,285.93	2,258.28	17,938.17

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			2017	2018
2019				[2019]
ZG10007		[2020]	ZG11002	

4	2018	2019		
6,374.64		4,285.93		
	5,910.37	3,713.42		

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4 / FCC

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2016

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51.50% 52.42%

50.45% 53.44%

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3-1-20

			8,160.82	12,802.52
9,477.80	8,607.27			
26,660.70	34,387.24	30,879.47	25,231.28	
		30.61%	37.23%	27.57%
			34.11%	

3

40.64% 40.14% 36.44% 32.85%

	2020	1-9	2019	2018	2017
		32.76%	36.98%	40.24%	40.59%
		57.38%	64.34%	66.94%	67.37%
		27.04%	32.13%	36.99%	36.00%
		53.74%	46.88%	31.44%	57.83%
		38.75%	13.67%	33.18%	47.36%
		32.85%	36.44%	40.14%	40.64%

2012.85

4									
2010 11 15									
2013	9	25	2016	12	2	2019	11	28	
GR201937100531									
15%									
[2016]41 6,000 / FCC									
2015-2017									
2018-2020									
[2017]34 20,000 / FCC									
2016-2018									
2019-2021									
FCC									
13%									
5									
1									
26,462.37 33,916.74 33,580.68									
24,830.80 FCC 19,744.72									
27,837.68 24,204.45 16,700.30									
2019 FCC 2018 3,633.23									
FCC 2020 1-9 FCC									
3-1-22									

2019 FCC

2019

FCC

	2020	1-9	2019	2018	2017
/	12,889.99		13,683.06	14,480.74	14,496.48
	12,956.02		17,689.35	19,223.94	13,620.35
	16,700.30		24,204.45	27,837.68	19,744.72

2019 2020 1-9 FCC

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2019 FCC 2018 797.68 / 5.51%

2018 FCC 4,084.04

15,470.39 / 2018 FCC

14,213.77 / 1,256.62 / 2019 FCC

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2020

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2020

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3,107 2,997 110

13,834.54 / 4,385.55

2020 1-9 12,358.94 /

13,834.54 / 1,475.6 /

467.77 2020 1-9

361.04 /

2017 -2020

	2020	2019	2018	2017
	7,474.45	9,130.16	8,668.64	6,830.04
	151.28	1,700.25	1,601.22	1,669.30

2020 7,474.45 151.28

3 2020 FCC

2020

FCC 2020

2020 1-9 FCC

1,398.43 2019 2,148.01 34.90%

2020 1-9 164.36 /

2020 4 FCC

2020 FCC

4 FCC

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	2020	1-9	2019	2018	2017
		32.76%	36.98%	40.24%	40.59%
		57.38%	64.34%	66.94%	67.37%
		27.04%	32.13%	36.99%	36.00%
-FCC		28.80%	31.94%	37.78%	37.36%
-		40.15%	28.19%	33.50%	40.36%
-		52.07%	50.86%	16.86%	-35.21%
		32.85%	36.44%	40.14%	40.64%

2019 2018 3.7 2020 1-9
2019 3.59 FCC

1

2019 2020 1-9

	2020	1-9		2019
		18,017.16	N/A	18,986.49
/		1,937.60	-5.30%	2,045.95
/		825.73	13.18%	729.59
		57.38%	-6.96	64.34%

2020 1-9 1,937.60 / 2019
5.30%

3-1-25

2020 1-9 825.73 / 2019
13.18%

	2020 1-9	2019	2018	2017
/	1,953.90	2,053.31	2,029.81	2,109.17
/	662.24	692.47	671.07	688.18
/	1,291.66	1,360.84	1,358.74	1,420.99
	66.11%	66.28%	66.94%	67.37%

2 FCC

FCC 37.36% 37.78%
31.94% 28.80% FCC

	2020 1-9	2019	2018	2017
/	12,889.99	13,683.06	14,480.74	14,496.48
/	9,178.06	9,313.16	9,010.06	9,080.70
-	5,440.68	5,254.49		

2019	3.14
------	------

	FCC	2020	1-9	2019
793.07	/			5.80%
	FCC			
	FCC			

2019 FCC

119.51	/	75.38	/	2.33%	12.97%
FCC					

FCC

2019	2020	1-9	FCC			
	119.51	/	186.19	/	2.33%	3.54%
			132.55	/	149.79	/

2019 3

700 /

2019 3

2020 10-12

2020

FCC

2019

FCC

	2020 1-9	2019	2018	2017
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	2020 1-9	2019	2018	2017
	629.57	1,161.44	1,117.30	765.59
FCC	12,956.02	17,689.35	19,223.94	13,620.35
/	485.93	656.58	581.20	562.10

2019 FCC 1,161.44

2018 2019 FCC 2018

1,534.59 7.98% 75.38 /

2020 1-9

2019 170.65 /

25.99%

FCC

	2020 1-9	2019	2018	2017
	1,283.17	1,967.04	2,114.88	1,527.48
FCC	12,956.02	17,689.35	19,223.94	13,620.35
/	990.41	1,111.99	1,100.12	1,121.47

2020 1-9 FCC 990.41 /

2019 121.58 /

a

b 36.86 28.45 /

c 109.95 84.86 /

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2019

2018

2019

2019		342	808.96
2020		432	1,033.25

2020 7

189 FCC 18,000

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2020

2020.06	69	2020 6 29	2020 8 13
2020.10	60	2020 10 13	2020 10 30
2020.12	60	2020 12 4	2020 12 11

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3 2020 FCC

2020

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	2020	2020 1-9	2019	2018	2017
	10,059.52	8,044.60	8,645.90	9,097.76	7,578.38

28,480 /

FCC

FCC

3-1-29

2021 1 15

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FCC

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FCC

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2020

9.1 /

3.4

33

3-1-30

3% 4%

15 FCC

5 FCC

2019	2020	1-9	FCC
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119.51 / 186.19 / 2.33% 3.54%

132.55 / 149.79 / 2020

10-12 2020

1-9	FCC	268.47
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6 2020 2020

2021 2020

7

2021	1	15	FCC	1,674
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12,810.2 / 2020 1-9

12,358.94 / 451.26 /

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2018 2019 2020

3-1-31

	10,070.87	12,526.96	13,803.44
	31.02%	36.44%	40.14%
	7,161.92	8,385.73	6,307.57
	145.77	930.38	76.70
	392.69	32.86	3.75
	2,757.73	4,285.93	6,374.64
	2,757.73	4,285.93	6,374.64
	767.73	572.51	464.27
	1,990.00	3,713.42	5,910.37
	99,903.45	92,168.92	65,386.92
	33,240.85	27,274.92	32,599.38
	66,662.60	64,894.00	32,787.54
	3,017.15	5,740.83	5,065.68

2020

2020

2020

2019

2020

32,461.76

2019

1,917.71

5.58%

2020

2,757.73

2019

1,528.19

35.66%

2020

1,990.00

2019

1,723.42

46.41%

2020

1

2019

2020

4,285.93

2,757.73

3,713.42

2,274.60

2

2018

2019

2020

6,374.64

4,285.93

2,757.73

4,472.77

32,000.00

3.00%

960.00

3					
2018	2019	2020			49.86%
29.59%	33.27%				
					2020
	5,083.96		2018	2019	
2020			5,065.68	5,740.83	
3,017.15	13,823.66			6,374.64	
4,285.93	2,757.73	13,418.30			

			2020.9.30	2019.12.31	2018.12.31	2017.12.31
8	-		1,333.87	-	-	-
9			1,382.06	1,247.2	-	-
			4,882.02	2,402.50	545.34	-

2

							2020 12 31
1		290.00	274.36	94.61%	274.42	2020.11	2020 11
2		180.00	109.78	60.99%	-	2021.05	
3		827.00	791.60	95.72%	-	2021.06	
4		1,546.00	135.04	8.73%	-	2021.03	
5	4 / FCC	56,169.00	399.46	0.71%	-	2021.09	
6	3 / FCC	17,956.00	292.77	1.63%	-	2022.04	

7

		2020	2021	2022	2023	2024	2025	2026
-	2021.6	-	90.21	180.42	180.42	180.42	180.42	180.42
	2021.6	-	58.20	116.40	116.40	116.40	116.40	116.40
		2.34	1,230.58	4,762.76	5,096.43	5,096.43	5,096.43	5,096.43

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/
FCC
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FCC

		2020	2021	2022	2023	2024	2025	2026
4 / FCC	2021.9	-	828.00	3,313.00	5,370.00	7,285.00	7,466.00	7,643.00
3 / FCC	2022.4	-	-	746.00	1,727.00	2,334.00	2,334.00	2,334.00
		-	828.00	4,059.00	7,097.00	9,619.00	9,800.00	9,977.00

/
FCC

2021
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/
FCC

2022
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2021
2023

828.00
4,059.00
7,097.00
2024
9,000

2020

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FCC

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FCC

2017

2020

FCC

FCC		2020	2019	2018	2017
		20,000.00	20,000.00	20,000.00	20,000.00

		21,464.96	20,280.38	20,035.36	16,039.73
		107.32%%	101.40%	100.18%	80.20%

FCC FCC

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FCC 4 /

FCC

FCC

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85%

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2019

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2020

2020

2020 1-9

2,258.28

43.11%

2020

2019

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[2011]19

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3-1-40

70%

30%

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FCC

FCC

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+

FCC

8 70%

向不特定对象发行可转换公司债券发行保荐书》的签署意见。

前

保荐代表人：

张明远
张明远

毛传武
毛传武

保荐业务部门负责人：

毛传武
毛传武

内核负责人：

何澎湃
何澎湃

保荐业务负责人：

段涛
段涛

保荐机构总经理：

段涛
段涛

保荐机构法定代表人、董事长：

张明远
张明远



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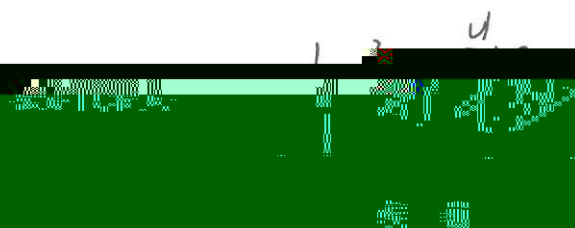
36

12

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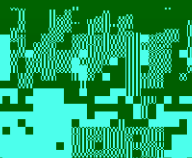
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1 3 4



保荐代表人: 姜 翊

保荐机构: 中德证券有限责任公司



中德证券有限责任公司