

11

“ ” “ ”

“ ” “ ”

1		
2		
3		
4		2024
5		2024
6		

7		
8		
9		
10		
11		2024
12		2024
13		2024

14		2024
15		
16		2024

2

3

4

1

1.85% 47.10%

18.22% 32.83%

2

3

4

203,798.75

71.80%

“ ”

CCUS

“ ”

“

”

“

”

6

2024

LNG

7

8

1

177,363.01

20.37%

2

37,467.70

3

17.60%

4

48,537.62

10.42%

15%

7

2024

283,827.85

4.07%

9,476.92

38.46%

8,147.76

49.51%

8

9

9,821.10

25.79%

23,643.15

2024

10

193,121.12

4.29%

2024

66,522.27

11

5.18%

21.77%

37.02%

36.03%

2025-2026

1

2

È

4

2020

1

870,909.40

2

3

“ ”

“ ”

2024

2024

	283,827.85	295,857.72	-4.07
	9,476.92	15,398.42	-38.46
	8,147.76	16,137.20	-49.51
	23,643.15	-59,746.19	

	254,309.58	254,194.80	0.05
	870,909.40	764,903.35	13.86
	0.48	0.76	-36.84
	0.48	0.76	-36.84
	0.41	0.80	-48.75
%	3.71	7.40	3.69
%	3.19	7.67	4.48
%	3.99	3.15	0.84

1 2024

283,827.85

9,476.92

38.46%

8,147.76

49.51%

2024

2024

2 2024

36.84%

48.75%

3 2024

2023

59,746.19

23,643.15

2024

1

2024 12 31

1

1

842.16

3		330.30	1 () 2	“ ”		
4		326.58	1 300 / 2 300 /		-UASB- Fe-C -SBR- UASB COD SBR	
5		314.23	1			

			2	MERT		
6		170.19	1 2			
7	PP	289.49	1 2 3		PP 10%-30%	
8	HPPO	226.49	1.		HPPO	HPPO 0.763 0.66

2.

3.1

;

99.85%

CO₂

1

9

/

265.55

2

EDHOX

400 C

CO₂

111111"

ð

1

025

12	ADHO	460.60	1 2 3	,		
13	ε -	475.20	1 2		>100 / ε - ε - 99.5% 0.05% KOH 0.5 gKOH/g	>100 /
14		1,148.84	1 2 3			Z eg e -Na a

15		3,323.01	1 2	EDHOX 400 ° C CO ₂	400 ° C	EDHOX CO ₂ / FLEXASU
16		10,293.26	1 2 3		,	FCC FCC
17		852.91	1	40% VA EVA		

ENVIRONMENTAL

2016
16%
10%
20%

PFD

VA

/

HVO

SAF

4

CO2

CO2

"

22

4 £6

		4				“ ”
						99.7%
						CO2
						90%

2

2024

	15	18	115	52
	15	12	224	202
			18	18
		7	16	18

1								
2	2024	12	31		27			2024
12	31			263		52		175
	18			18	2024			18

1

2021 7 27

[2021]2498

50,666,667

18.16

920,106,672.72

856,713,084.57

247,213,084.57

2021 9 1 “ XYZH/2021SHAA20272 ”

2023 11 7

[2023]2499

30,947,336 13.33

412,527,988.88

406,825,348.30

2023 12 20 [2023]

XYZH/2023SHAA2B0109

1

1

2023 12 31 72,168.41

13,819.50

2 2022

2022 40,682.53

40,682.93 2023 12 31

0.00

2

2024 29,126.67 2024 12 31

4,699.99

2023	12	31			13,819.50
					29,126.67
					29,126.67
					7.16
					20,000.00
					-
					-
					-
					4,699.99
					-
					4,699.99

2024 12 31

2024

1

2

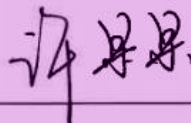
2024 12 31

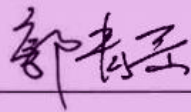
		7,547.37
		1,656.17

2024 12 31

（本页无正文，为《国投证券股份有限公司关于上海卓然工程技术股份有限公司 2024 年度持续督导跟踪报告》之签章页）

保荐代表人：


许杲杲


郭青岳


国投证券股份有限公司
2025 年 5 月 15 日