

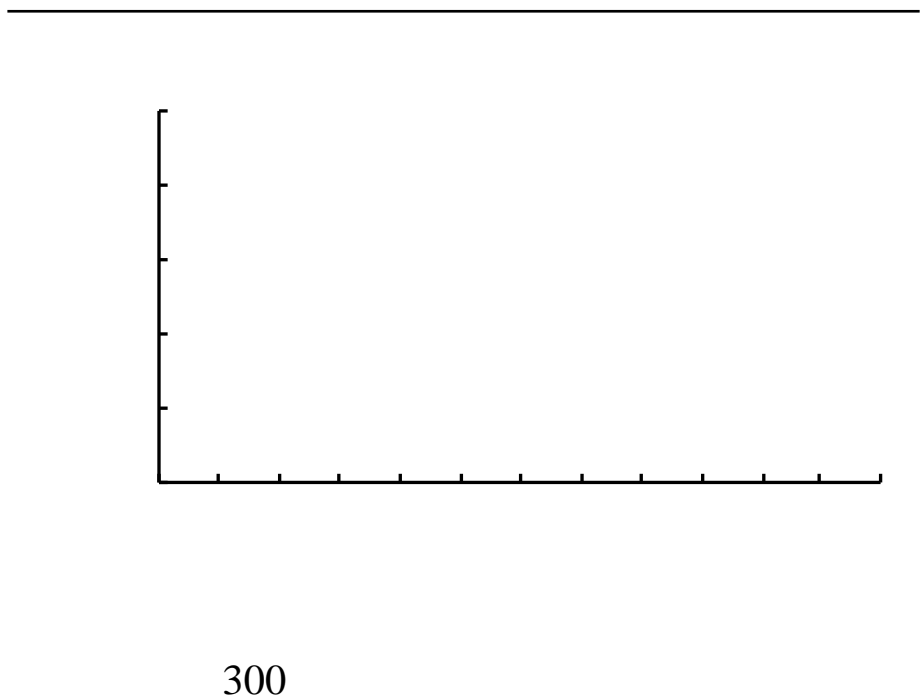
&
2022 04 20

(300487)
()

()
S0350521080004
liy103@ghzq.com.cn

()
S0350521120006
lih11@ghzq.com.cn

()
S0350521080009
dongbj@ghzq.com.cn

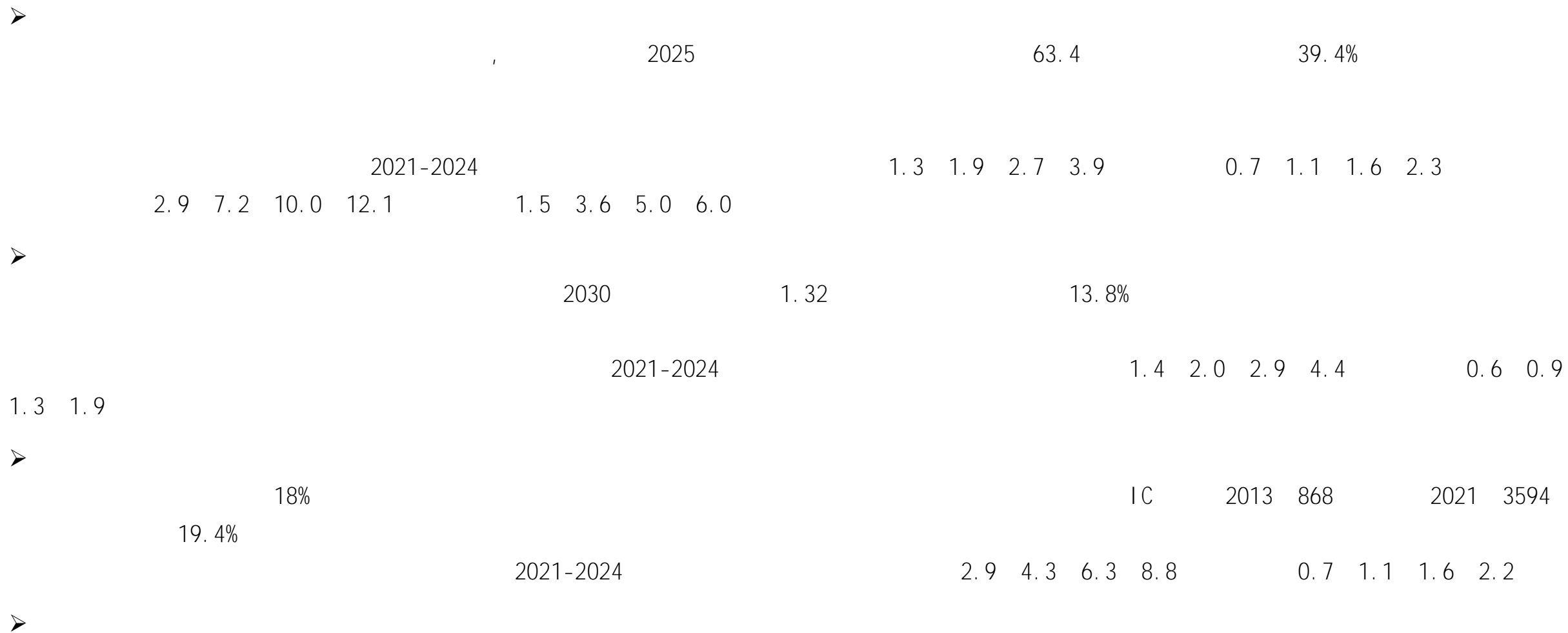


	1M	3M	12M
	-18.2%	-37.1%	78.4%
300	-2.3%	-13.4%	-16.1%

	2020A	2021E	2022E	2023E
	923	1195	1984	2778
(%)	-9	30	66	40
	202	311	531	754
(%)	-20	54	71	42
	0.97	1.45	2.47	3.52
ROE(%)	12	16	21	23
P/E	45.88	47.33	27.74	19.52
P/B	5.79	7.51	5.91	4.53
P/S	10.35	12.31	7.42	5.30
EV/EBITDA	26.23	29.67	19.25	13.45

Wind

* 300487 2022-02-22 *



2021/2022/2023

3.11 5.31 7.54

EPS 1.45 2.47 3.52 /

PE 47 28 20

" "

2

预测指标	2020	2021E	2022E	2023E
营业收入 (百万元)	923	1195	1984	2778
40 增长率 (%)		-9	30	66
归母净利润 (百万元)	202	202	202	202
15.4 增长率 (%)		10	20	20
EPS	1.45	2.47	3.52	5.31
ROE (%)	10	12	15	23
P/E	45.99	17.99	27.71	19.59
4.53 P/B		5.79	7.51	5.91
5.30 P/S		10.35	12.31	7.42
2.45 EV/EBITDA		26.22	20.67	16.25

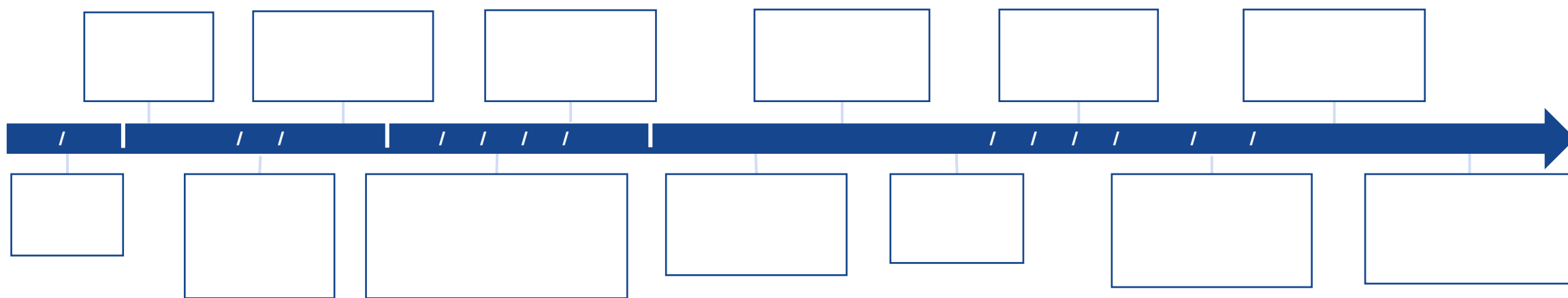
Wind



2001

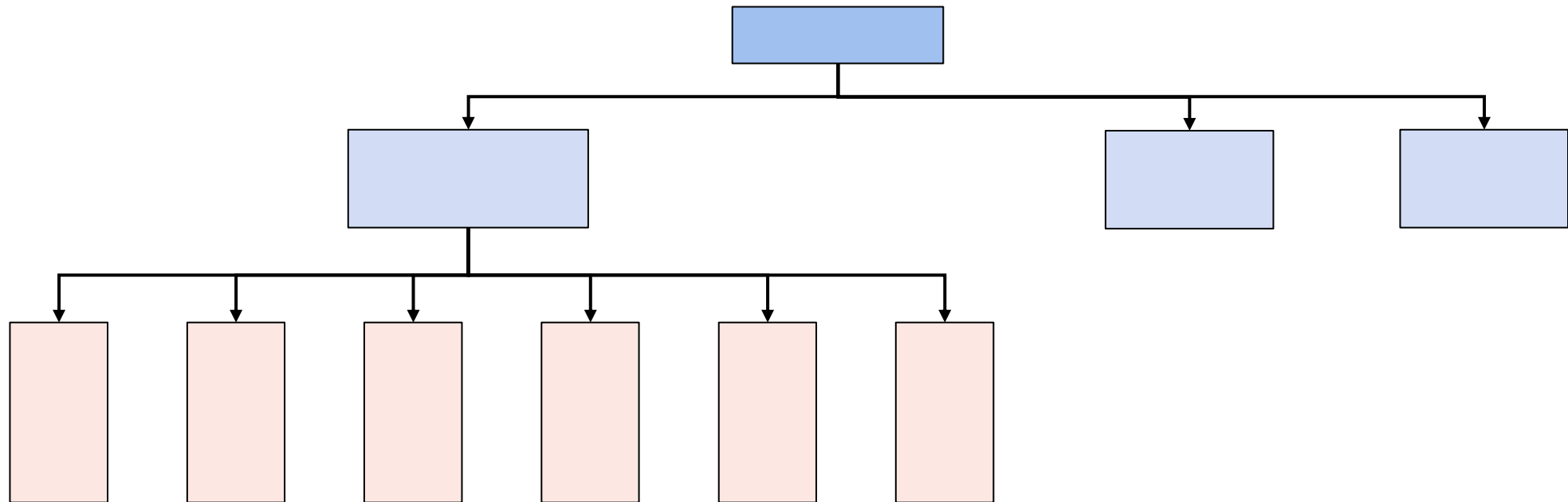
2015

3





4



➤ a ?

2018

7500

∅

200% f $\dot{Y}73_{+^{\wedge})\frac{1}{2}E\hat{o}$



6

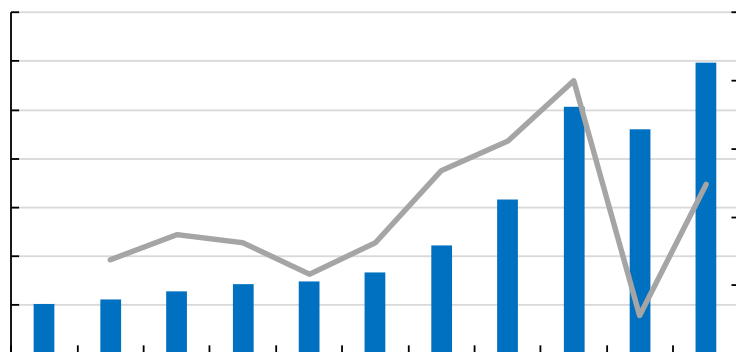
/		
	—	

➤ 2015 2015 2.95 2019 10.12 36.05% 2020
2021 2021 11.95

29.57%

➤ 2021H1 5.56 4.03 72.5%
1.40 25.1% 0.12 2.2%
1.45 0.67 0.56 26.0% 12.0% 10.1%

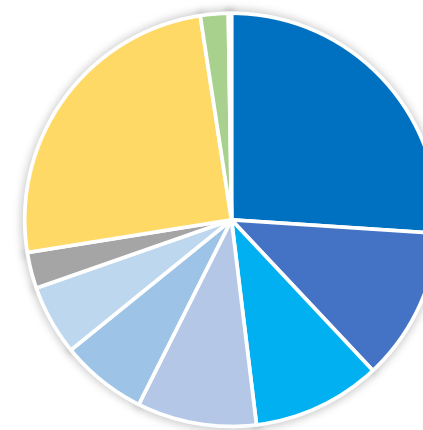
7 2021



Wind

8

2021H1





0.51

2020 1.96

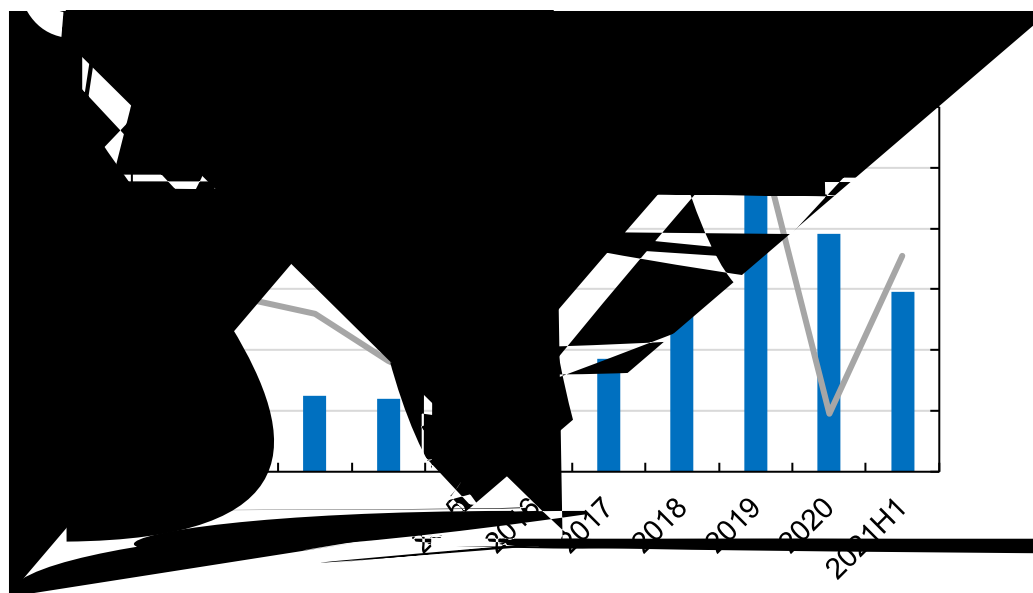
30.91% 2021H1

2015

1.48

31.03%

11 2021H1



Wind



30%

2018



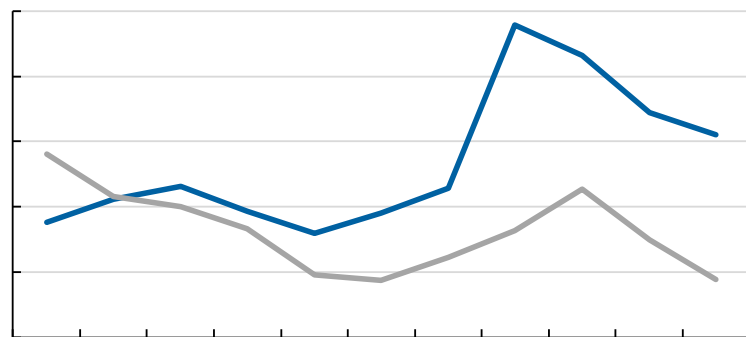
2021H1

30.97%

2021H1

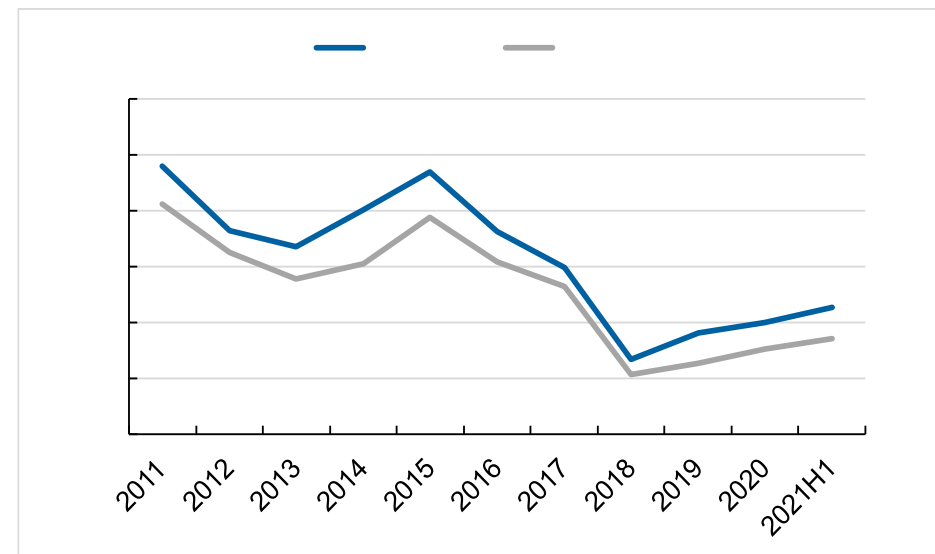
2.27 1.70

14



Wind

15



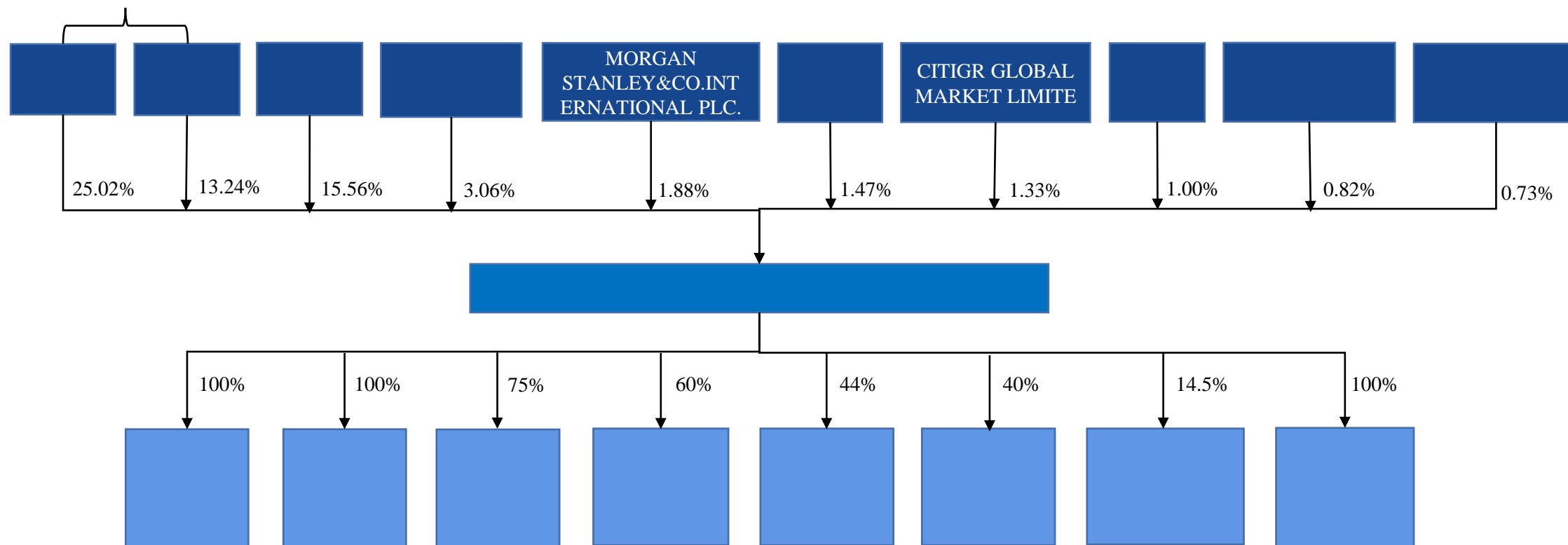
Wind

2021

38.26%

15.56%

16



2016 2019 2021

/

17

2021 11 26	300 1.36%	44.55	/ 341	12-24	40%	2020 2022 100%
				24-36	40%	2020 2023 120%
				36-48	20%	2020 2024 140%
2019 1 5	500 2.47%	12.50	/ 158	12-24	40%	2017 2019 100%
				24-36	40%	2017 2020 120%
				36-48	20%	2017 2021 140%
2016 3 28	95.80 1.20%	21.20	/ 84	12-24	30%	2015 2016 20%
				24-36	30%	2015 2017 50%
				36-48	40%	2015 2018 70%



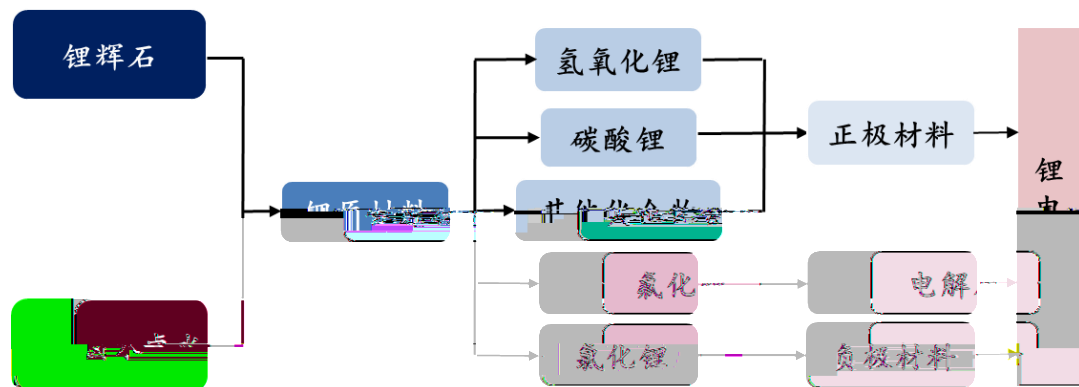
2021

"
10

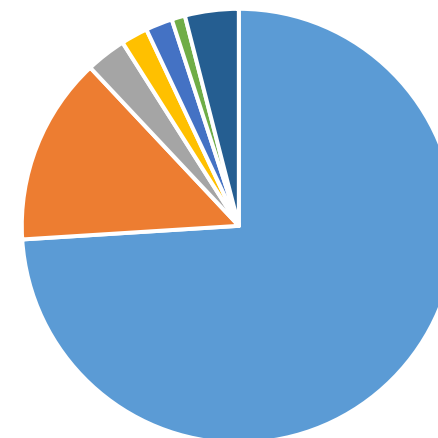
"

2030

18



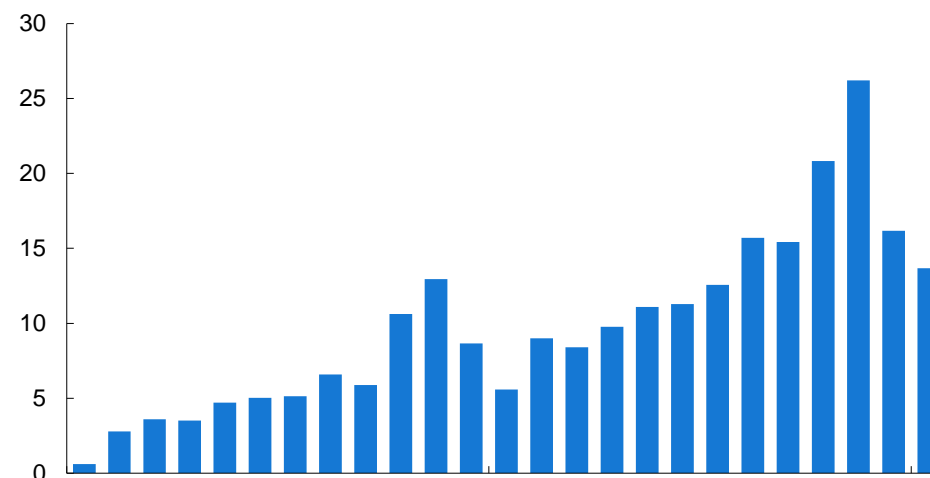
19 2021



USGS

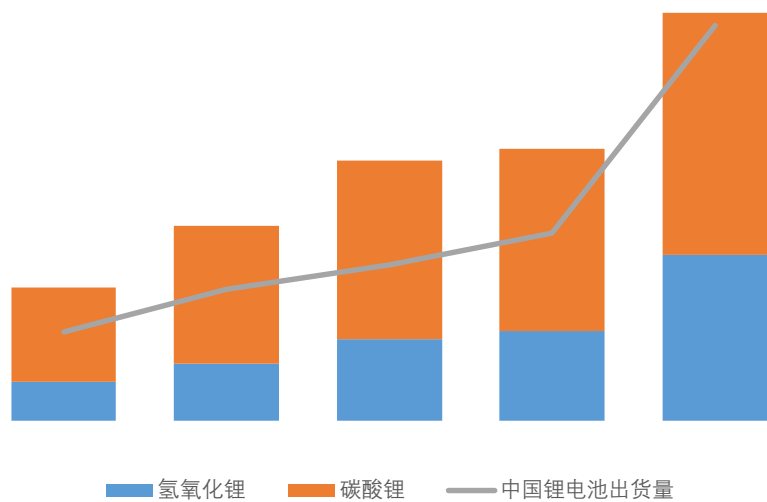


	350.7	165.1%	2022		1-2	2021
165.0%			2022 2	19.2%		76.5
154.5GWh		142.8%				2021

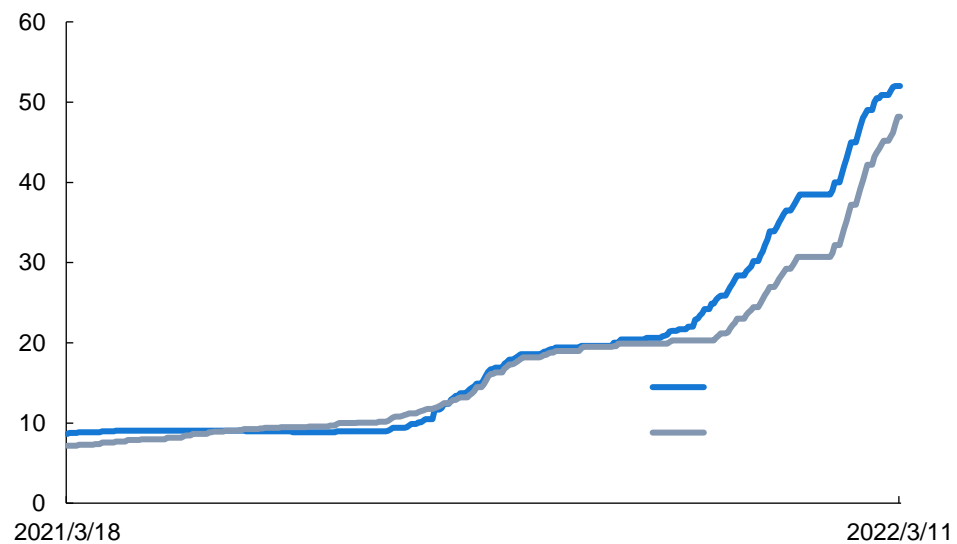




	2021	2022	2021	2022
51	50.1%	51	48	51
22	LCE/	22	23	23
	501.2%	84.8%	110.8%	33.0%
		GWh/		LCE 38.8
				2022 3 11
				570.5%



EVTANK



Wind

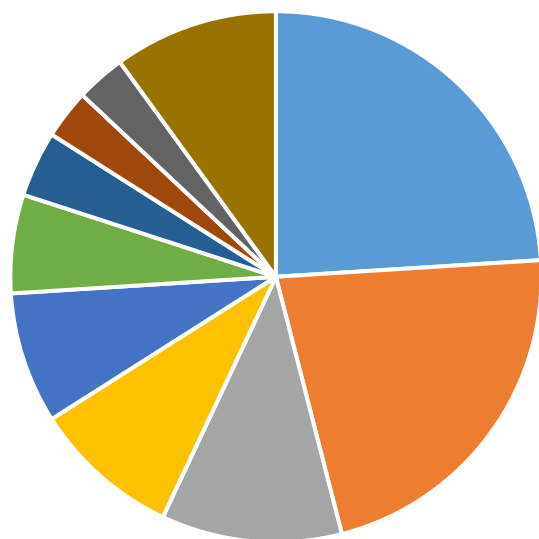


60% 2019

55%

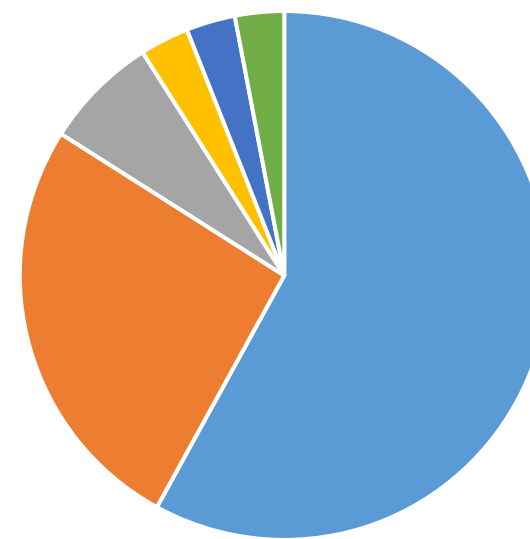
26

2021



27

2019



14

78%

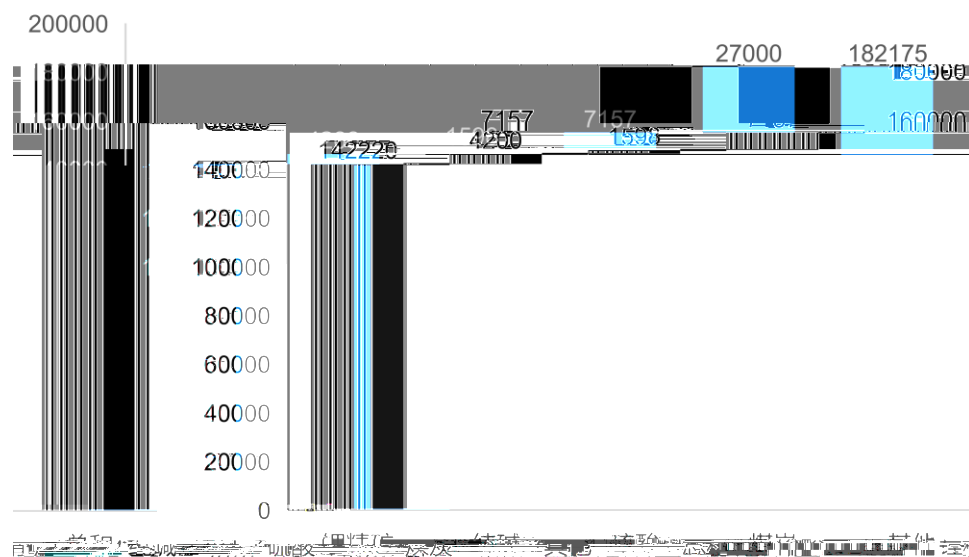
7.9

3500

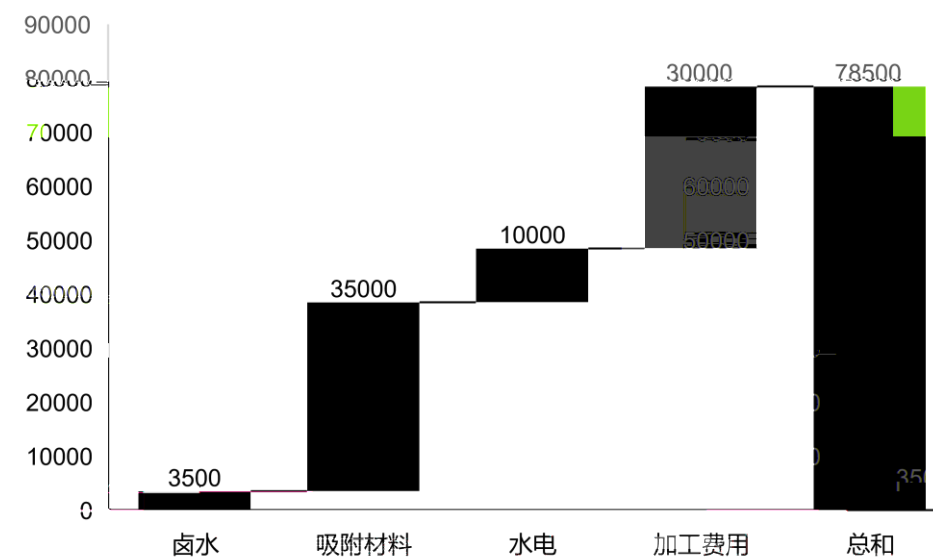
35000

44.6%

28

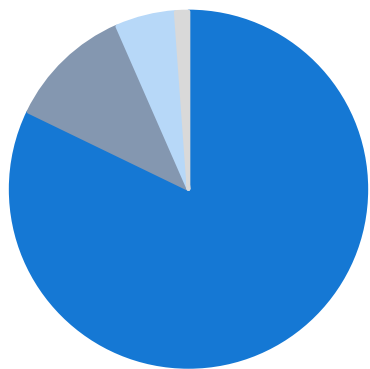


29





30



32





1)

2)

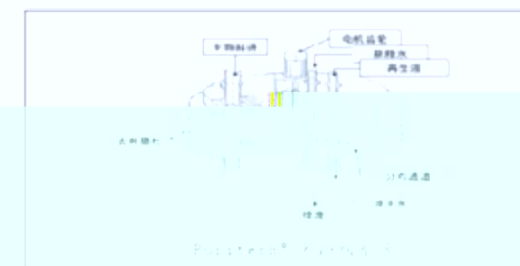
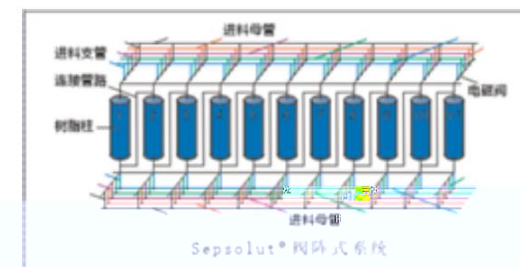
10%

EPC

33

Sepsolut® & Puritech® 系统完美互补

项目	Sepsolut® 阀阵式系统	Puritech® 多路阀系统
	树脂柱和树脂固定不动	树脂柱和



➤ +

➤

500:1 5:1

➤





36





17

23.58

7.26

37

				E
万				
				E
				E
				E

- 2022 10000t/a
- " "
- 2.5



40

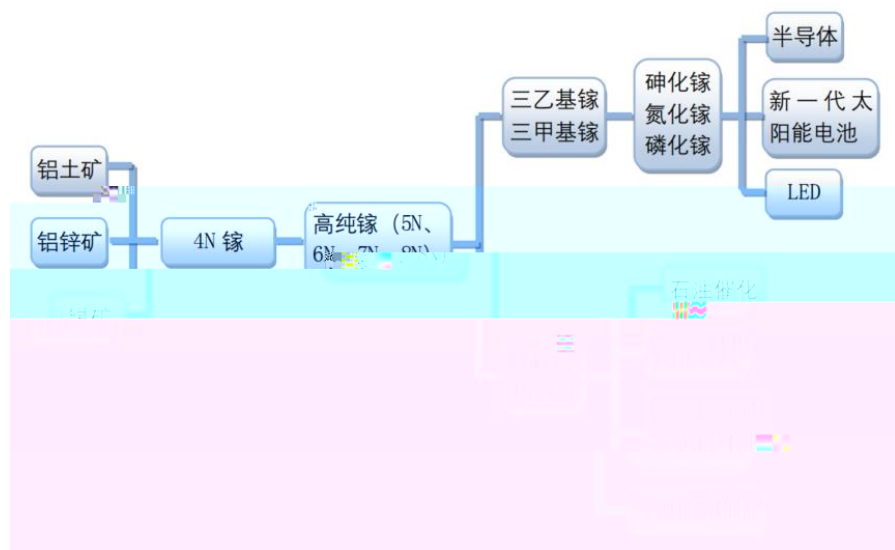
41



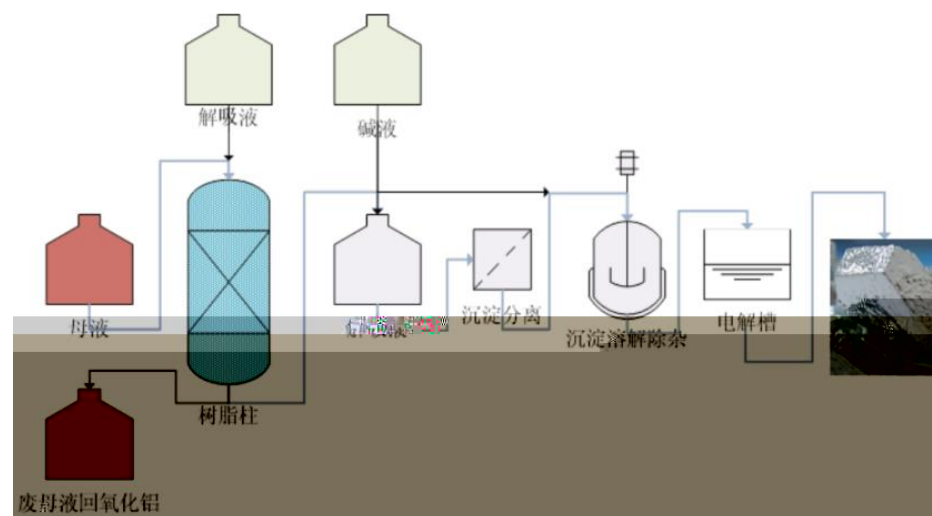
90%

2007

42



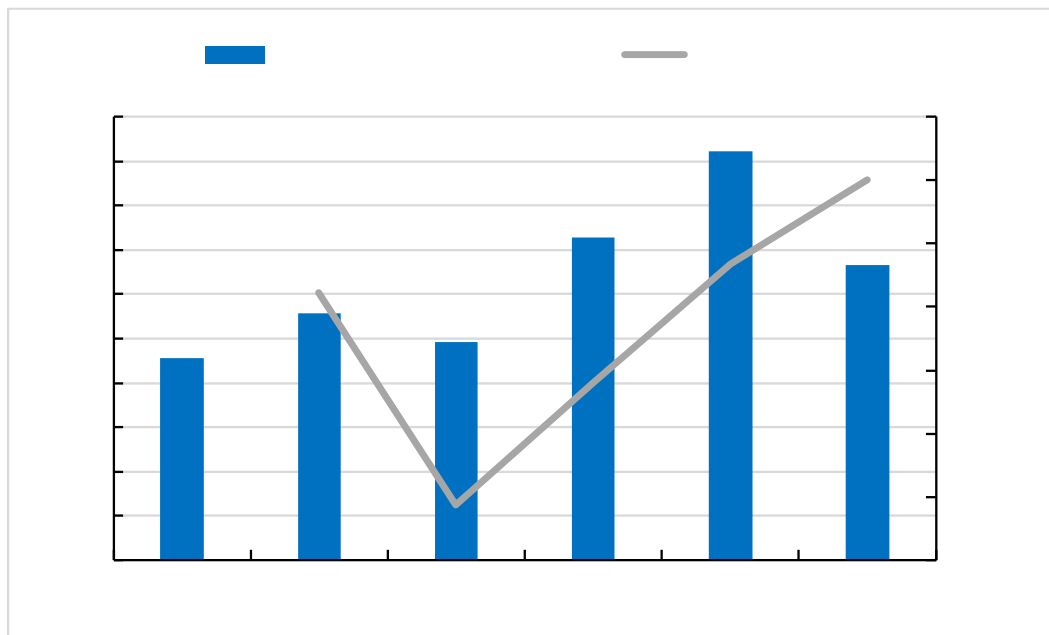
43





9228 2012 4547 9% 2021H1 2020 6655 40%

44



2015-2018

2019

2014-2019



LED

288.5

2019

5G

2015 170.2

11.13%

2020



5G

2020

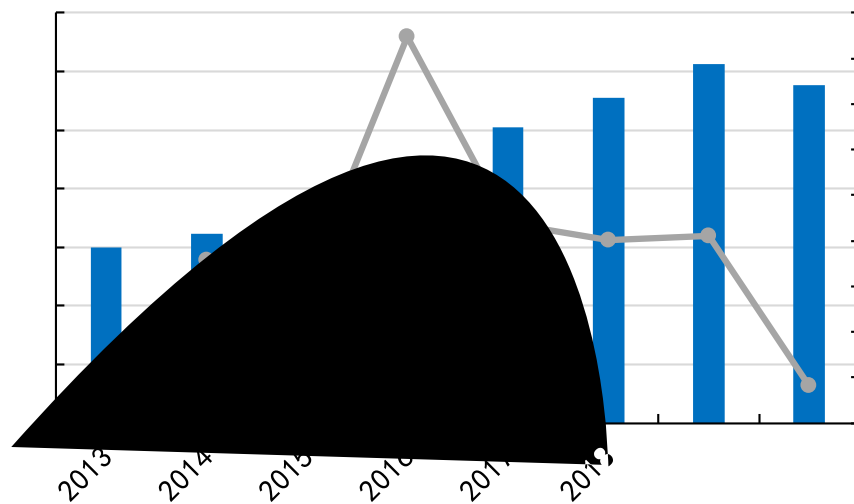
1005

/ 2022 3 2650 /

163.68%

45

46



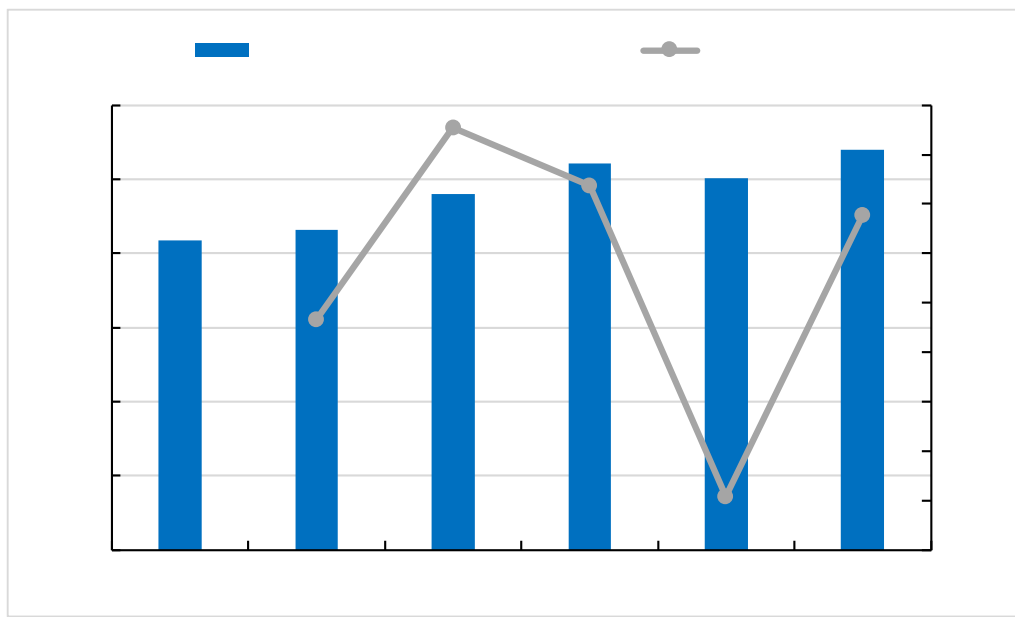


2016 209 2021 270 5.26%



2021 60%

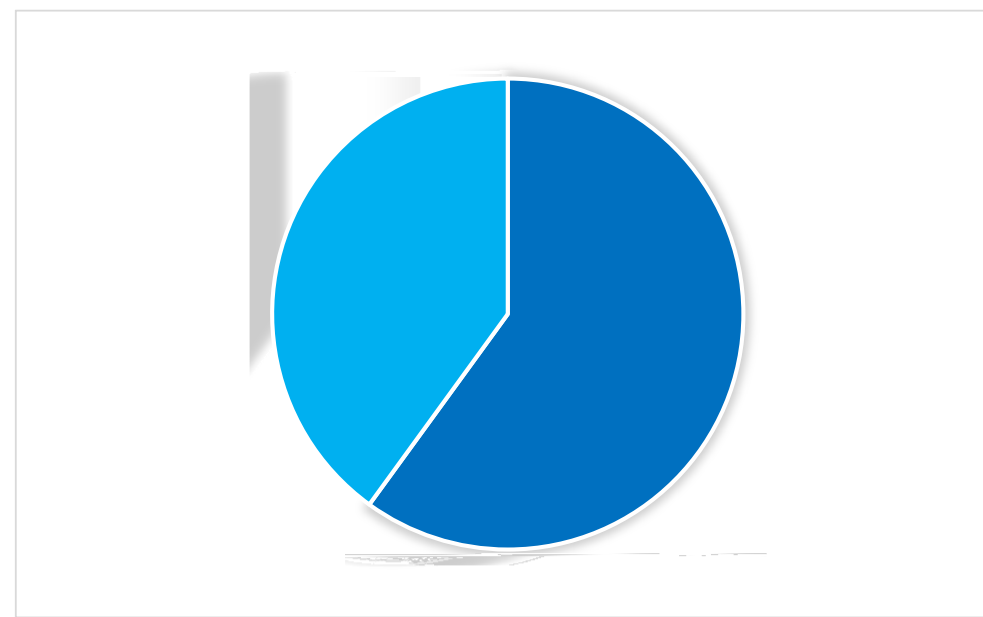
47



Wind USGS

48

65% 2021



USGS



85%

2011

3362.1

2021

5628.9

5.29%



EVTANK

2017

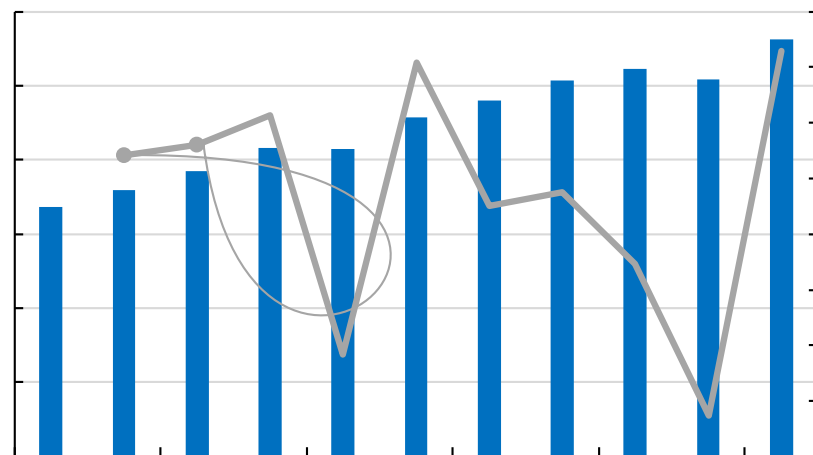
10.6

2021

42.2

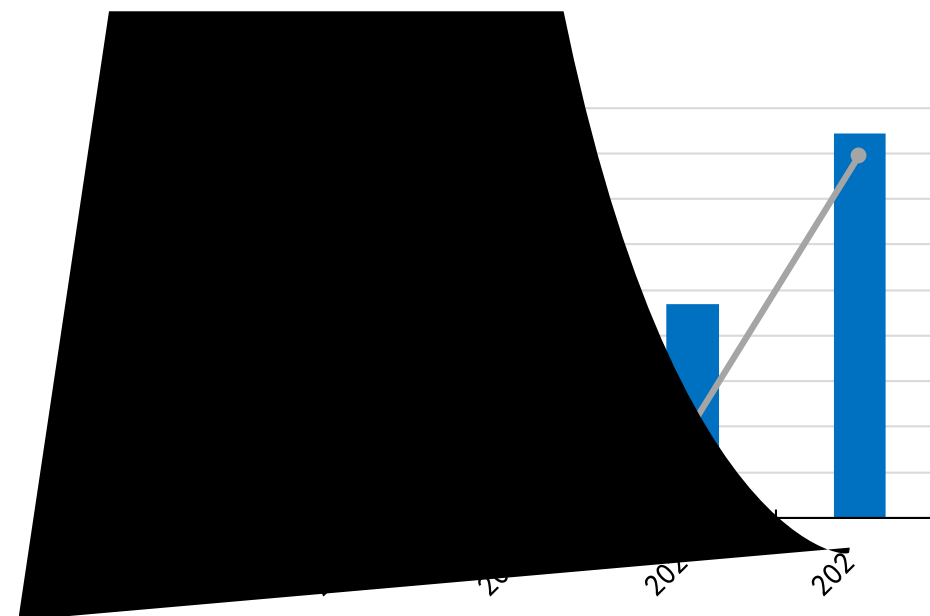
41.25%

49



Wind

50



EVTANK



7-ACA

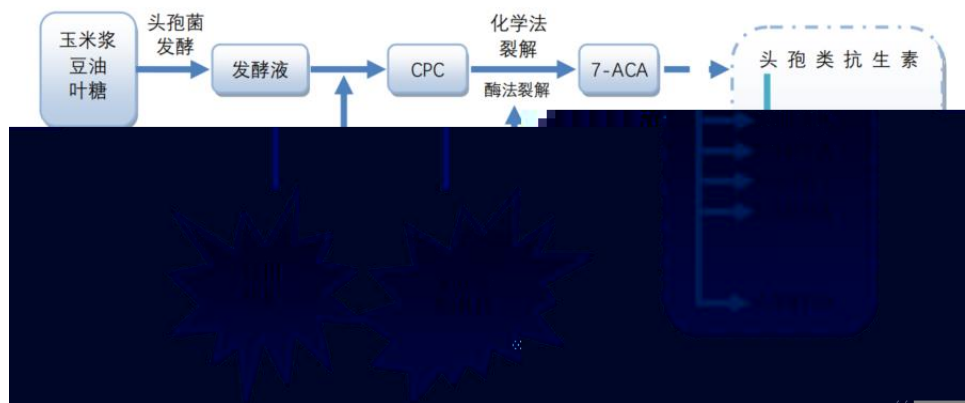
CBD

51

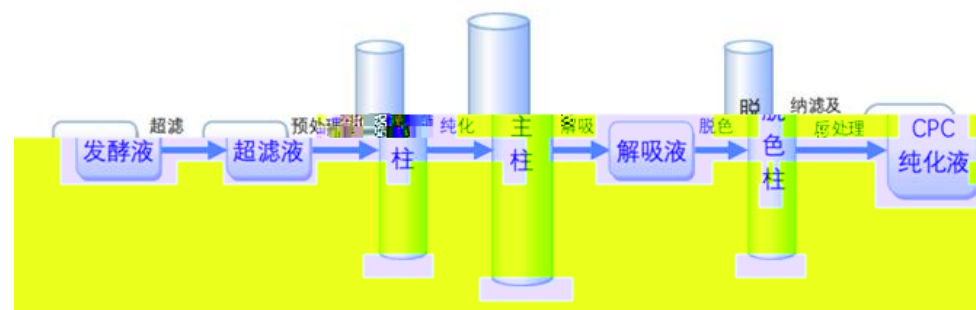
	7ACA 6APA 7ADCA
/	

- CPC CPC CPC CPC
- 7- 7-ACA 7-ACA CPC CPC
- CPC CPC CPC
- 2003 CPC CPC

52 CPC



53 CPC

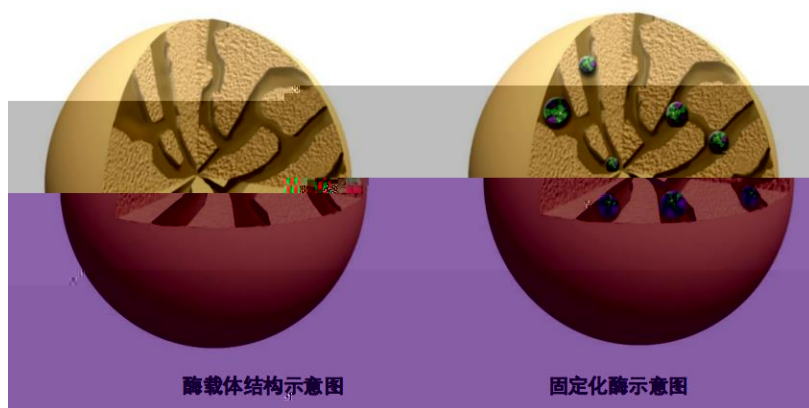


➤ CPC 7-ACA

➤

➤ 2005 7-ACA 2008

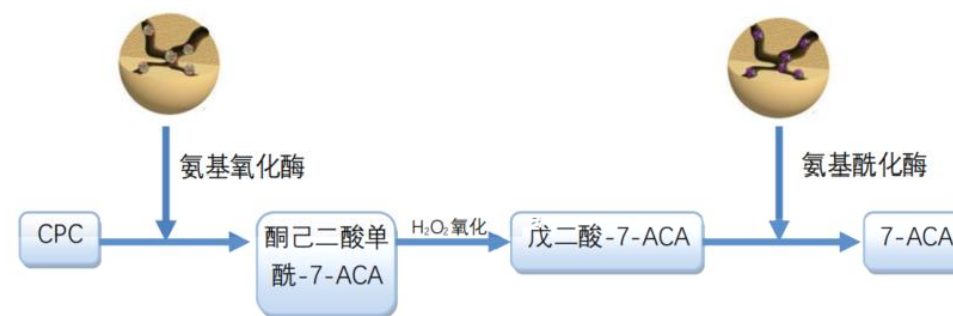
54



7-ACA

55

7-ACA





/

/

/

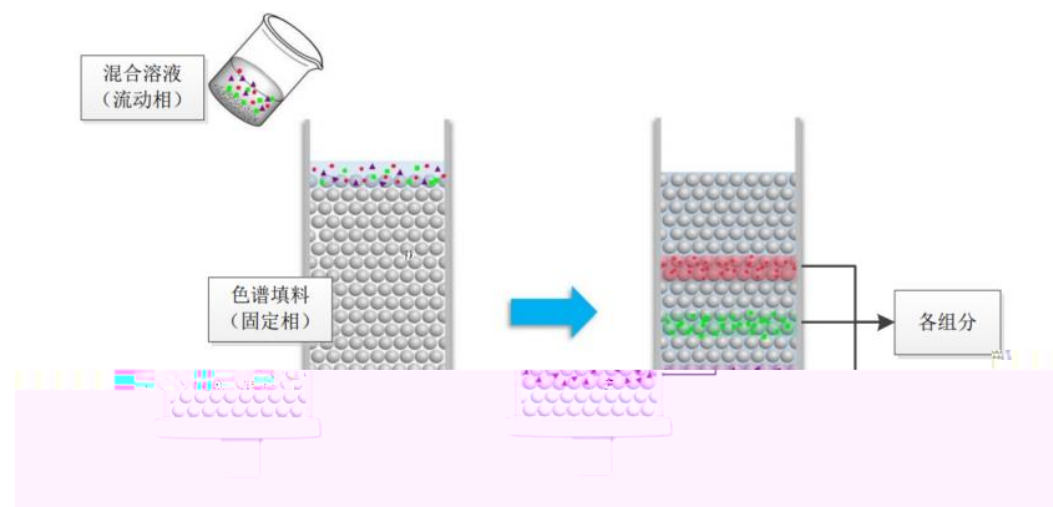
/

/



56

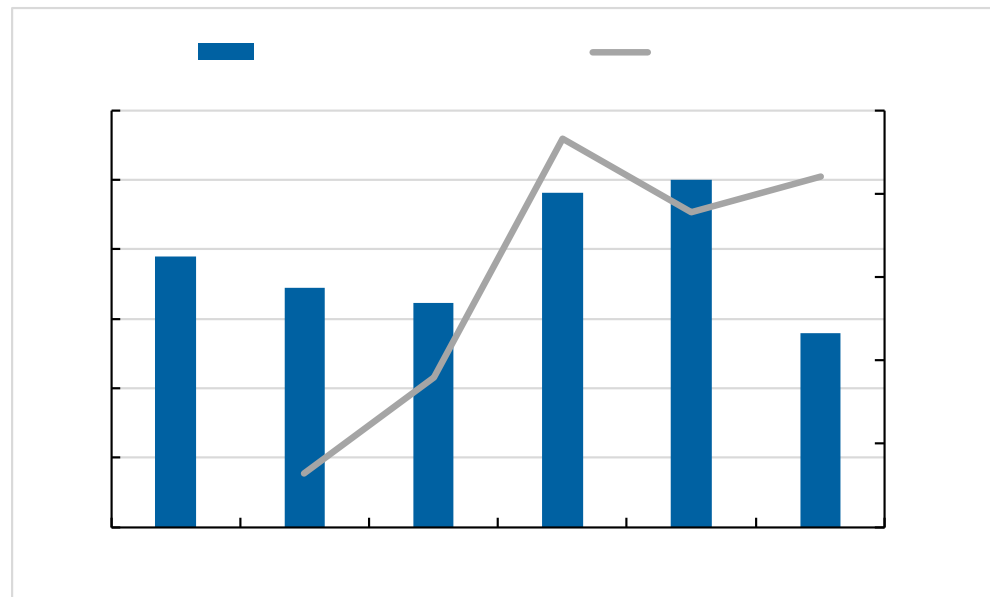
/





2012 0.77 3% 2021H1 2020 0.56 6% 1.0

57





5.26%

2016

1450

2020

1780

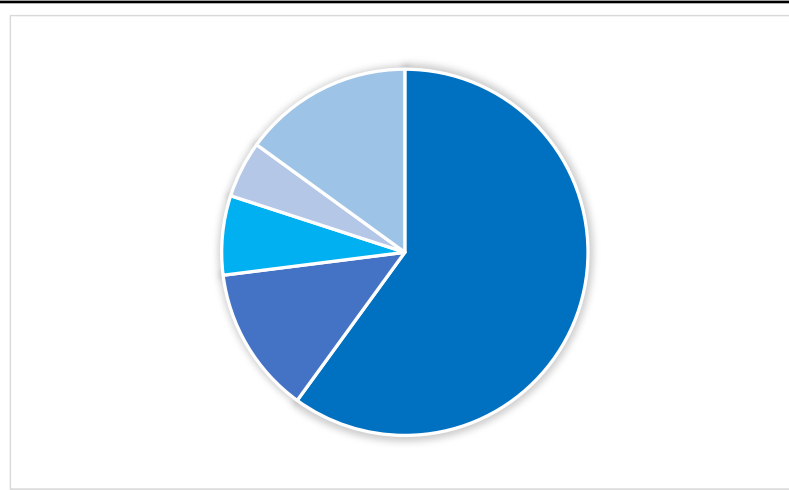
60%



58

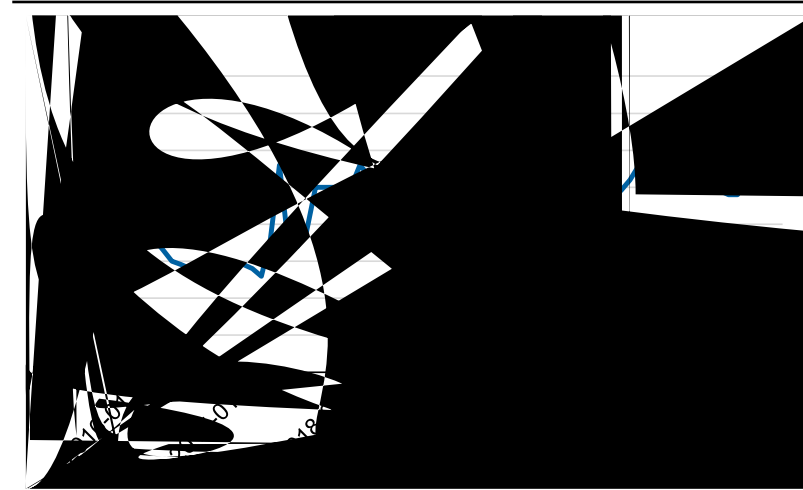


59



60

7-ACA



Wind



3172

22.14%

2030

2014

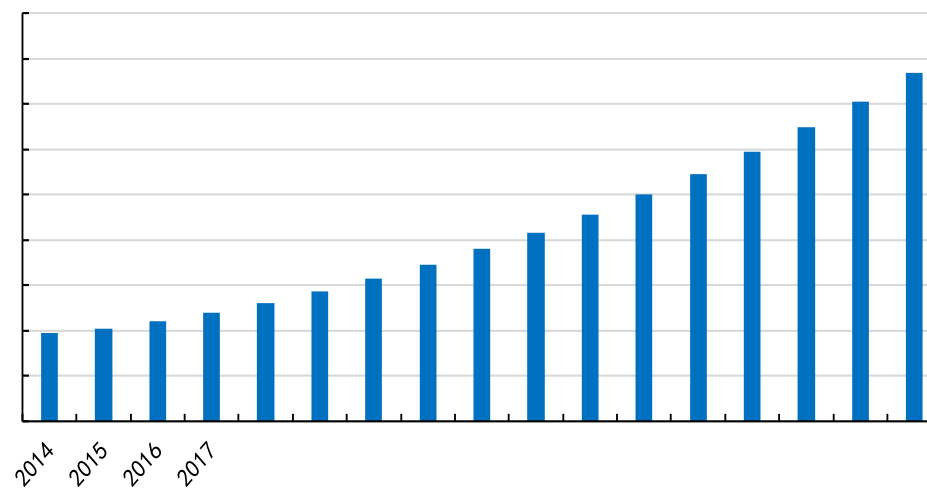
1167

2019

1.32

61

62



➤ / /

➤ Markets and Markets / 2018 19.79 2024 29.93

2019 -2024 7.16% 2018 1.12

2024 2.13 2019 -2024 11.30%

63 /

/	2017	2018	2019E	2024E	2019-2024
	741	789	840	1155	6.58%
	622	660	100	948	6.24%
	406	444	485	760	9.39%
	32	34	37	53	7.37%
	48	52	55	77	6.92%
	1849	1979	2117	2993	7.16%
	101	112	125	213	11.30%



18.18M cm

64

	18.5M .cm



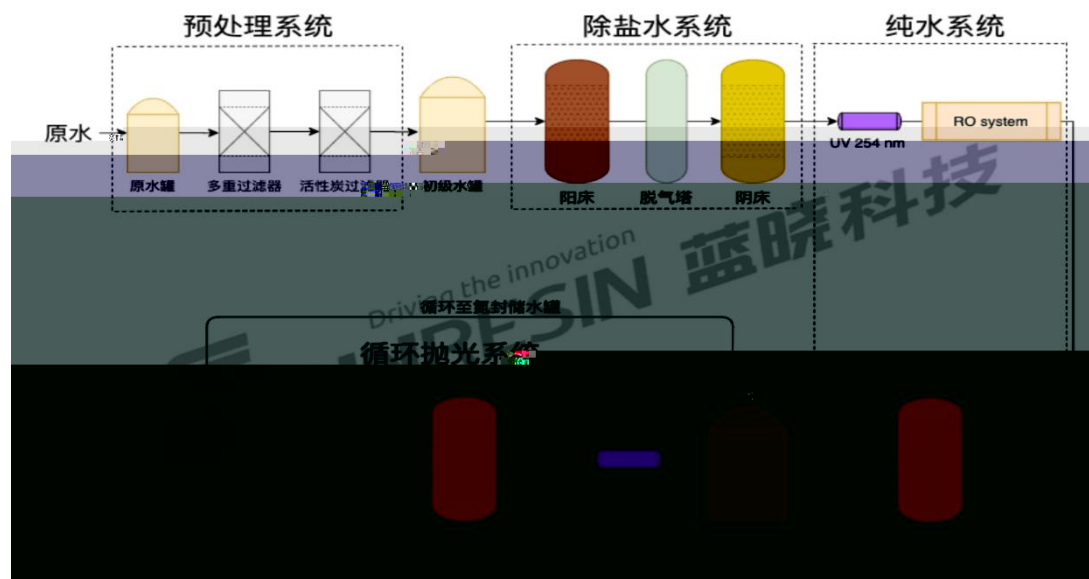


<1.1

H

OH

67



2020

1.45

1.70

2012

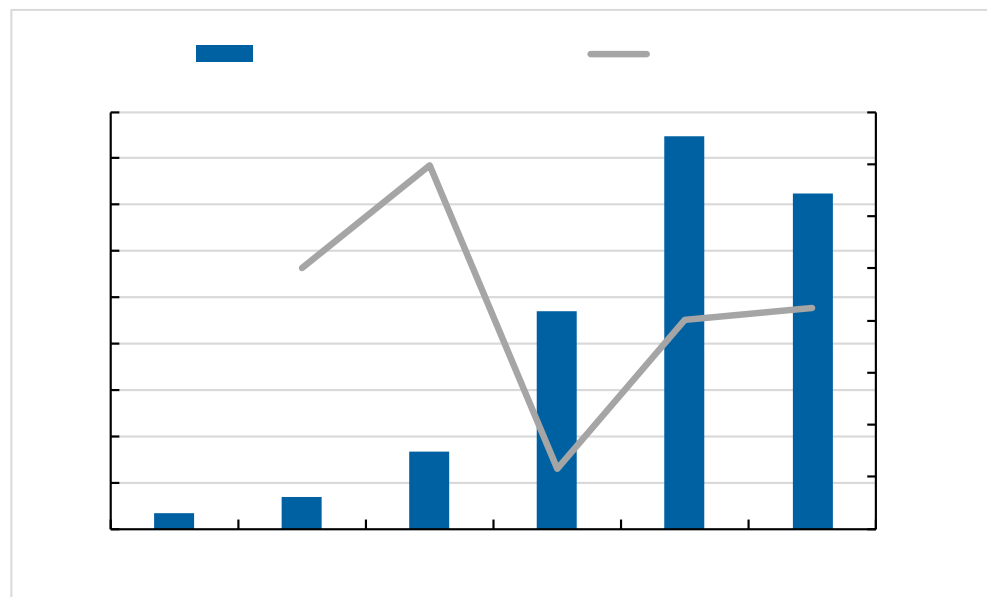
0.07

49%

2021H1

85%

68





2020

2016-2019

1200



2016

16.52

2021

23.77

7.55%

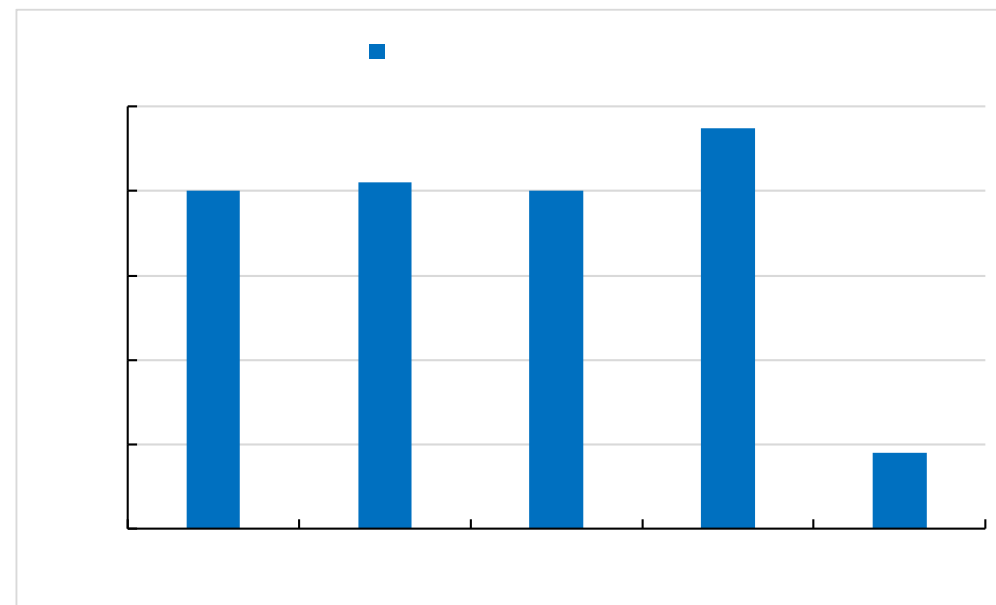
➤						Wind	2012
	572.1	2019	1836.6	14.41%	2020		1679.3
➤						18%	80%

71



Wind

72



2010

710

2020

3447

17.12%

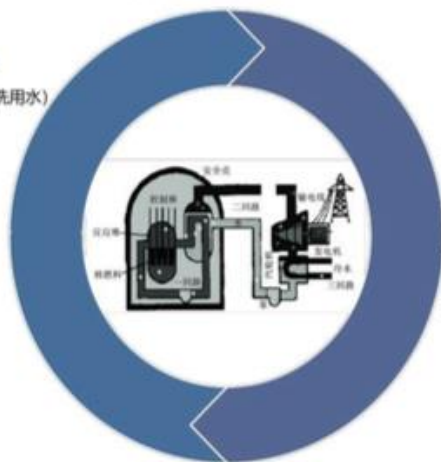
73

74

核电站用水

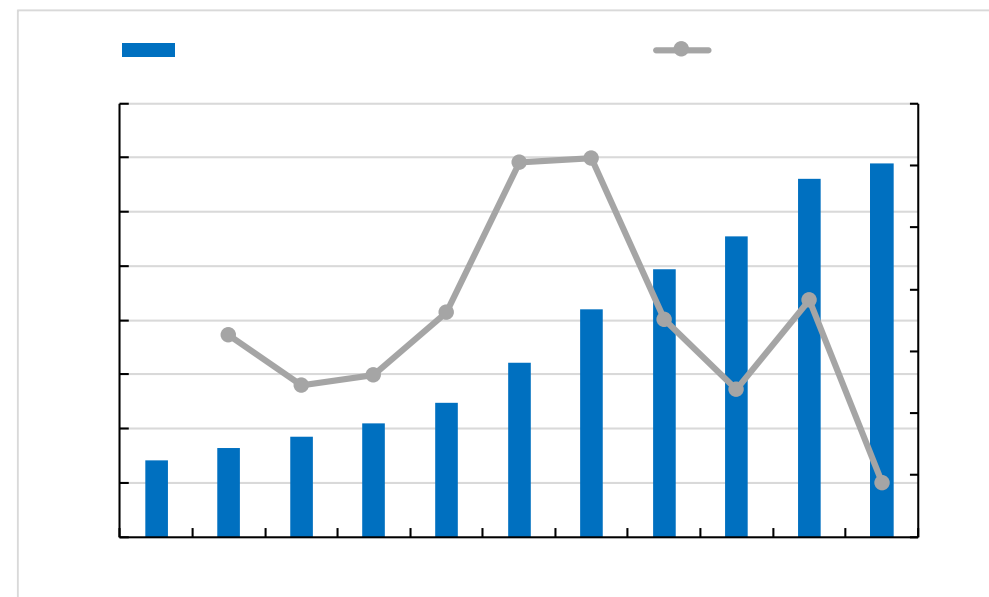
施工期 + 调试期

- 施工现场生活用水
- 混凝土浇筑用水
- 混凝土养护用水
- 砂石冲洗用水
- 降尘冲洗用水
- 车辆清洗用水
- 机械台班用水
- 砌砖抹灰面上工程用水
- 冷试 (冲洗用水)
- 热试
- 装料
- 性能



正常运行期

- 第一回路: 核岛系统用水 (核蒸汽供应系统, 即压水反应堆, 反应堆冷却剂系统) 将核反应堆热量带出
- 第二回路: 常规岛系统用水 (蒸汽和动力转换系统) 将一回路热量带到二回路
- 第三回路: 常规岛循环冷却水





SEMI



8

5

/

0.10

SEMI

2021-2024

14.09 14.82 15.50 15.95



35BV/h 6

2021-2024

9585 10080

10547 10852

77

	2019	2020	2021	2022E	2023E	2024E
	11810	12407	14165	14896	15587	16037
/	0.10	0.10	0.10	0.10	0.10	0.10
/	1174.76	1234.15	1409.02	1481.73	1550.47	1595.23
BV/h	35	35	35	35	35	35
10-6	6.80	6.80	6.80	6.80	6.80	6.80
/	7991.6	8395.6	9585.2	10079.8	10547.4	10851.9



"

"

90%



Monojet® 6040U

79





LXW

8%



VOCs

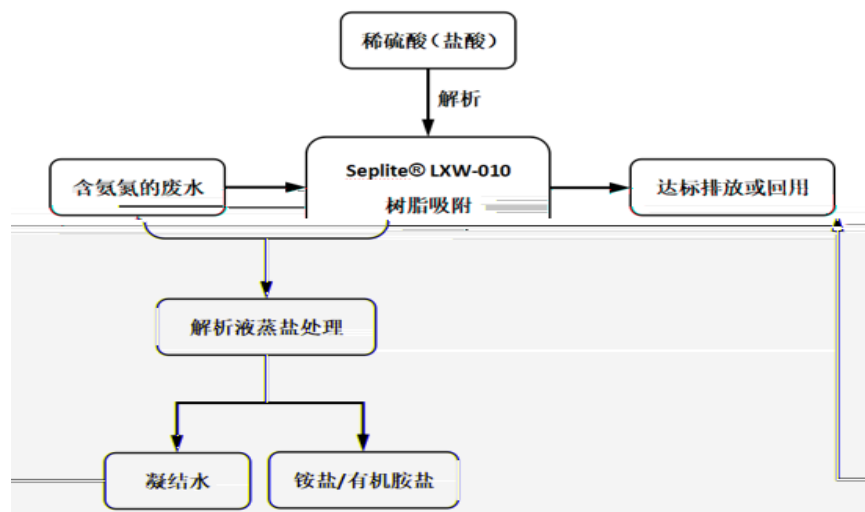
RTO

LXQ

VOCs

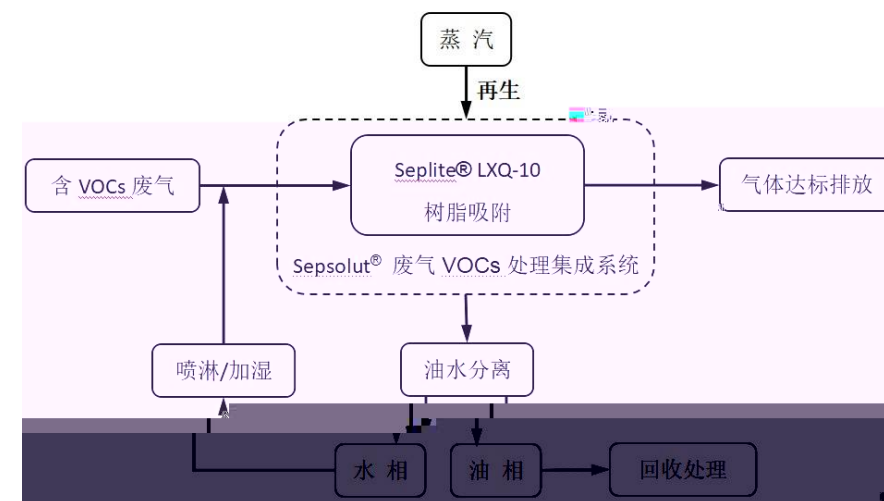
99.9%

81 LXW



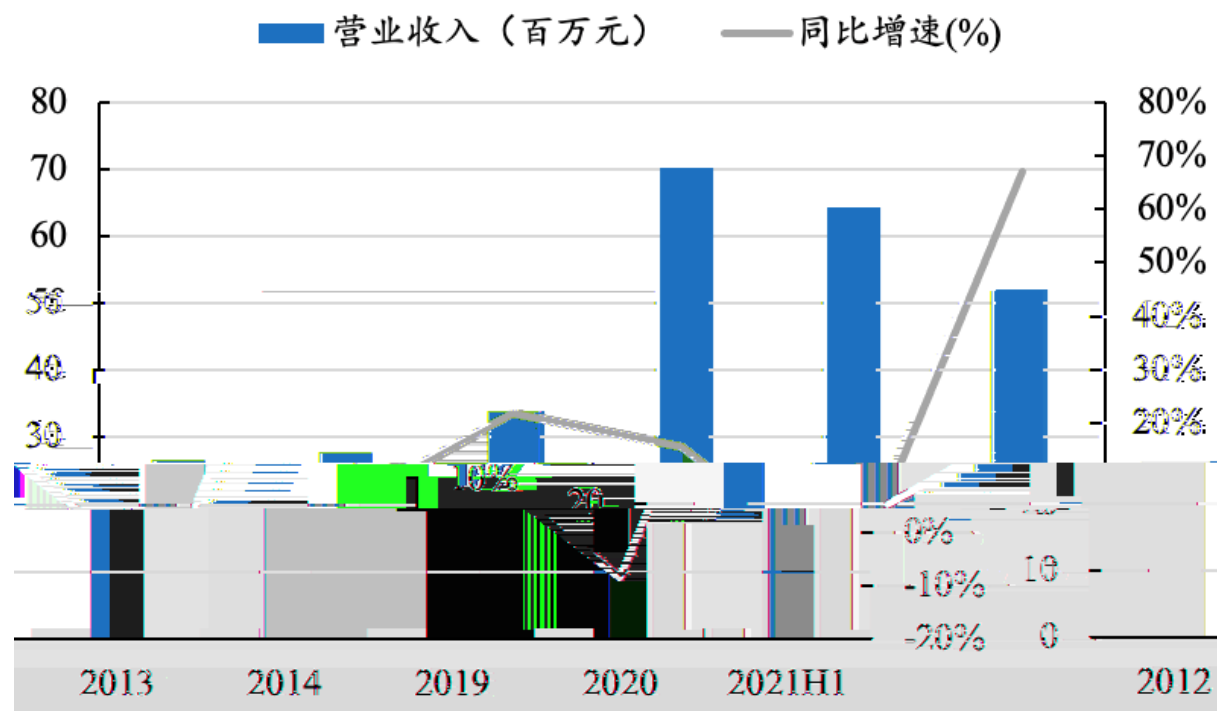
82 LXQ

VOCs



0.64	2012	VOCs	0.27	12%	2021H1	2020	0.52	67%
------	------	------	------	-----	--------	------	------	-----

83





2020

VOCs

VOCs



VOCs

2019

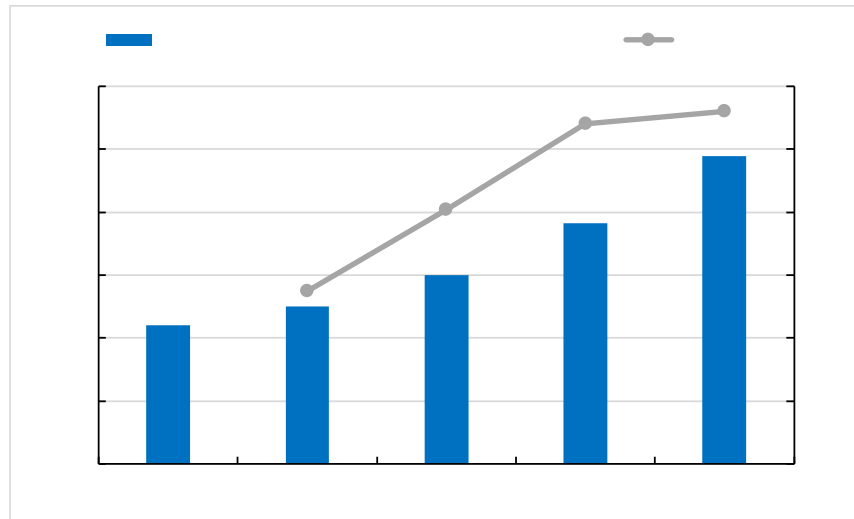
VOCs

244.5

28%

VOCs

85 VOCs



➤ 2020 9

2030

2060

2021 10

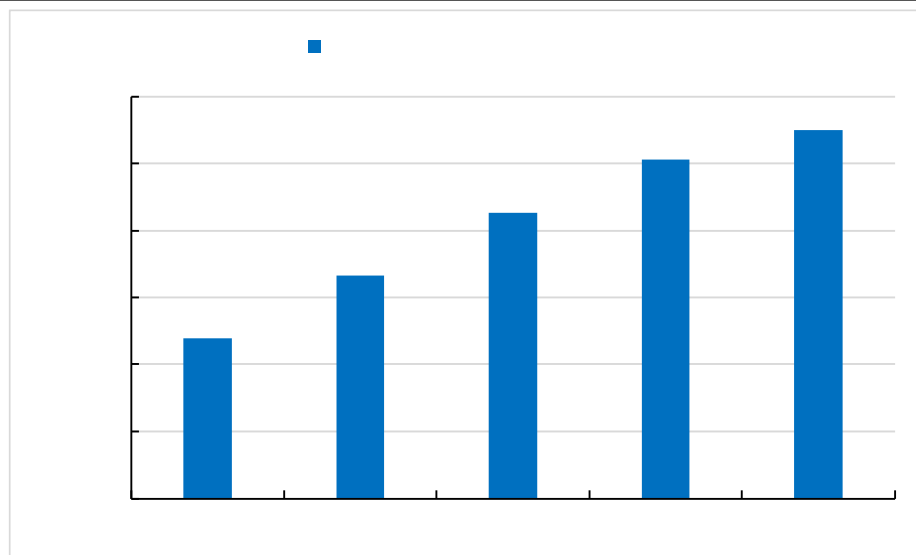
2030

2020

98.99

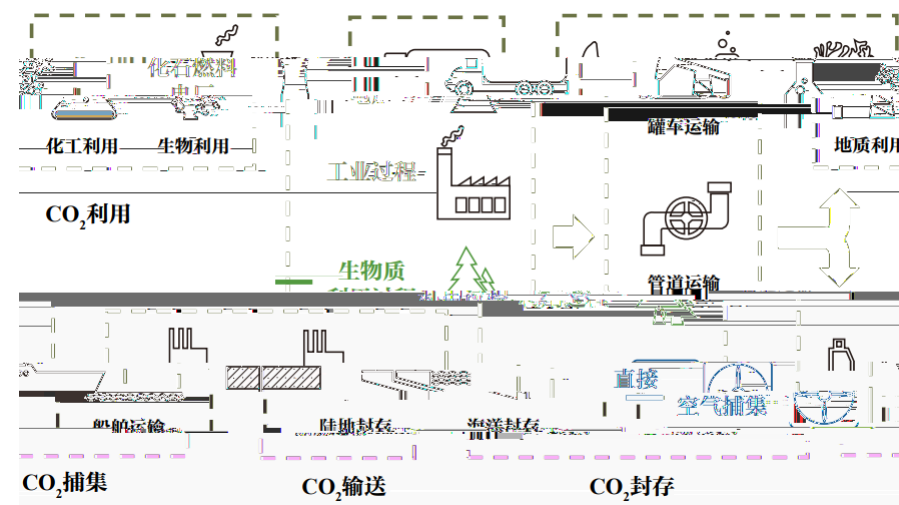
➤

86



BP

87 CCUS



CCUS

2021

➤ 2011

7

2021 7 16

➤ 7
70 /

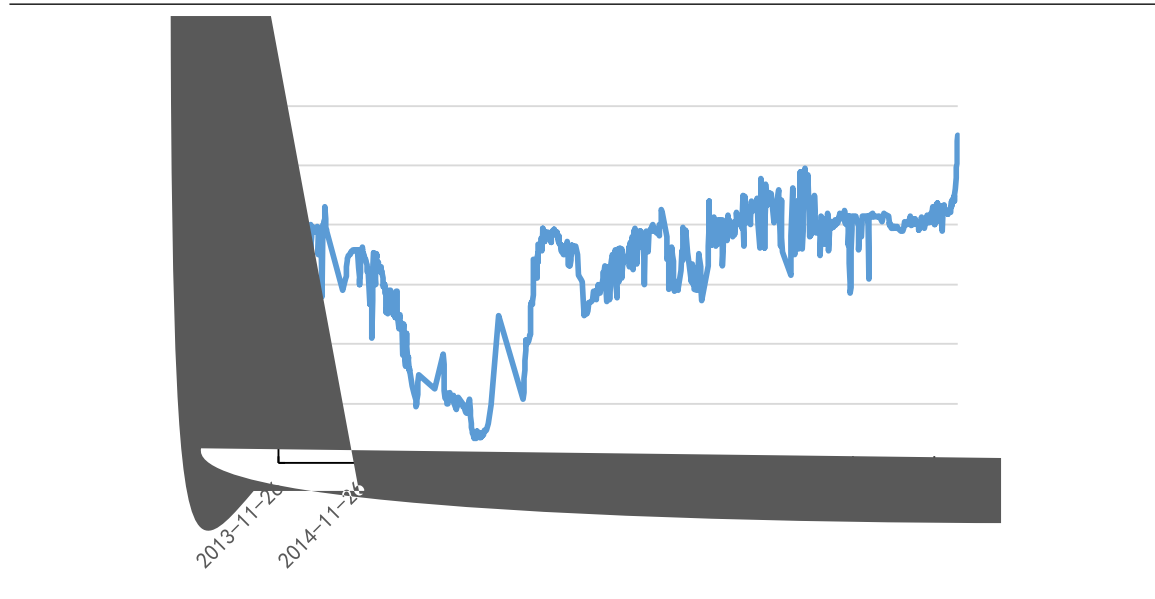
2016

2022 3 50 /

CCUS

88

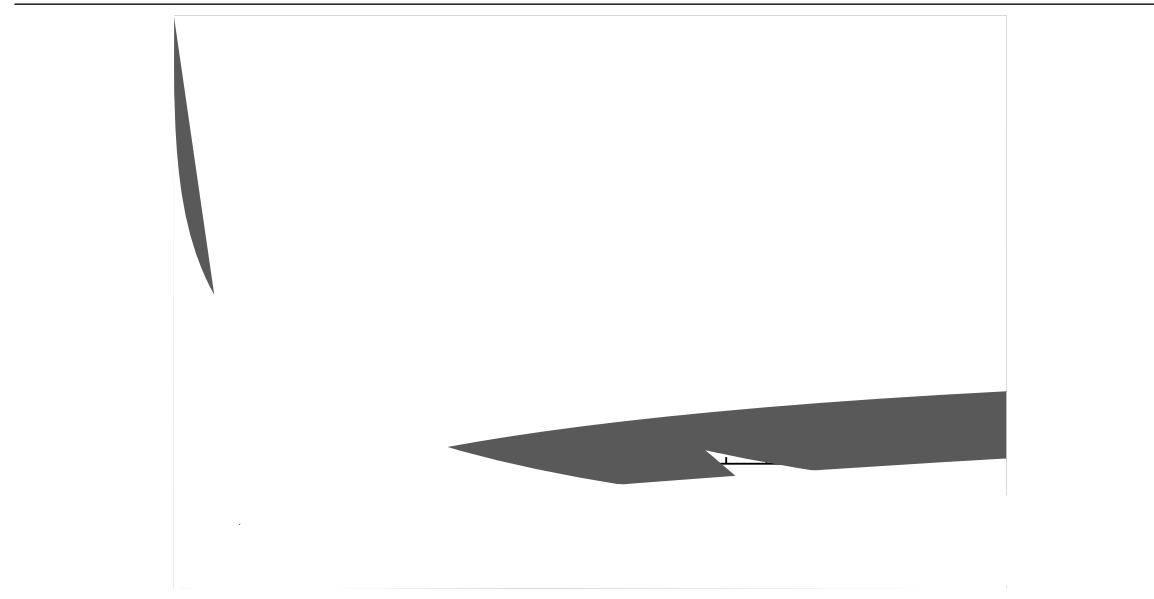
/



Wind

89

/



Wind

➤			2021		CCUS	2025
	CCUS	0.09-0.3	2030	0.2-4.08	2050	6-14.5
➤		"	"	CT		DAC
	CO2					

90 CCUS /

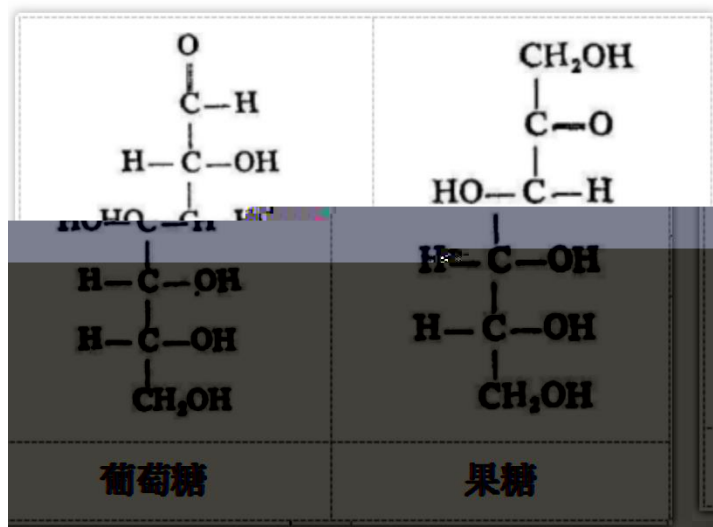
	2025	2030	2035	2040	2050	2060
	0.06	0.2	0.5-1	2-5	2-5	2-5
	0.01	0.05	0.2-1	0.2-1	0.2-1	0.2-1
	0.01	0.02-0.05	0.1-0.2	0.2-0.3	0.5-0.7	0.9-1.1
	0.001-0.17	0.1-1.52	0.2-0.8	0.3-1.5	0.8-1.8	1.9-2.1
BECCS	0.005	0.01	0.18	0.8-1	2-5	3-6
DACCS	0	0	0.01	0.15	0.5-1	2-3
	0.05	0.5	0.3	0	0	0
	0.09-0.3	0.2-4.08	1.19-8.5	3.7-13	6-14.5	10-18.2

CCUS 2021

91

Seplite® Monojet™ S1850

92



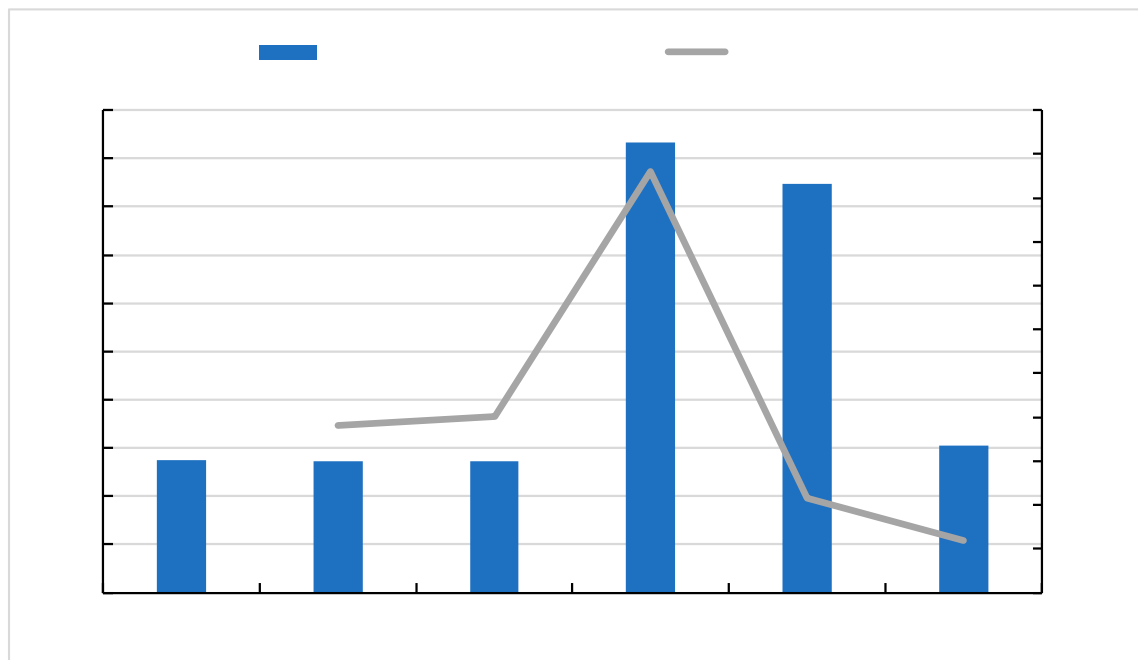
93





15% 2021H1 2020 8476 2012 2745
 3054 14%

94



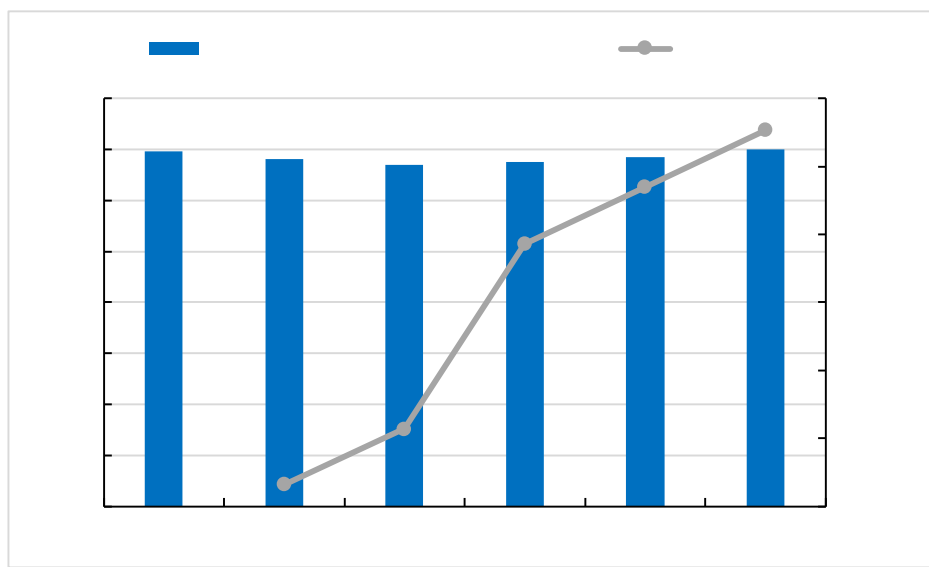
2020 120.0 0.05%

2015 119.7

1.53 2021 1.80 1.48%

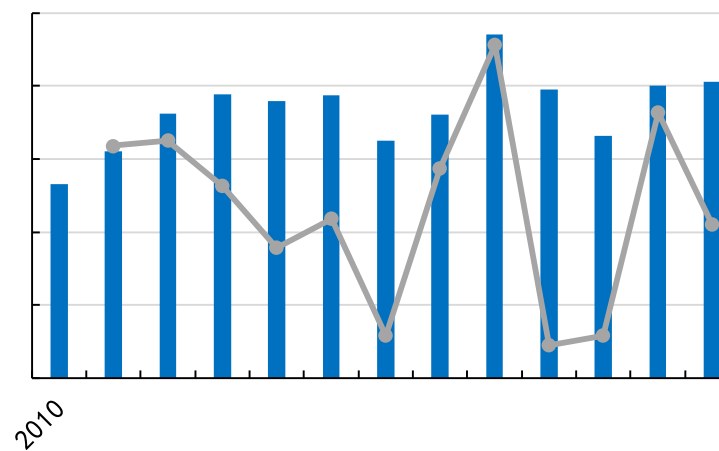
USDA 2010

95



Wind

96



Wind USDA



2020

8.0

36.26%

2014

1.25

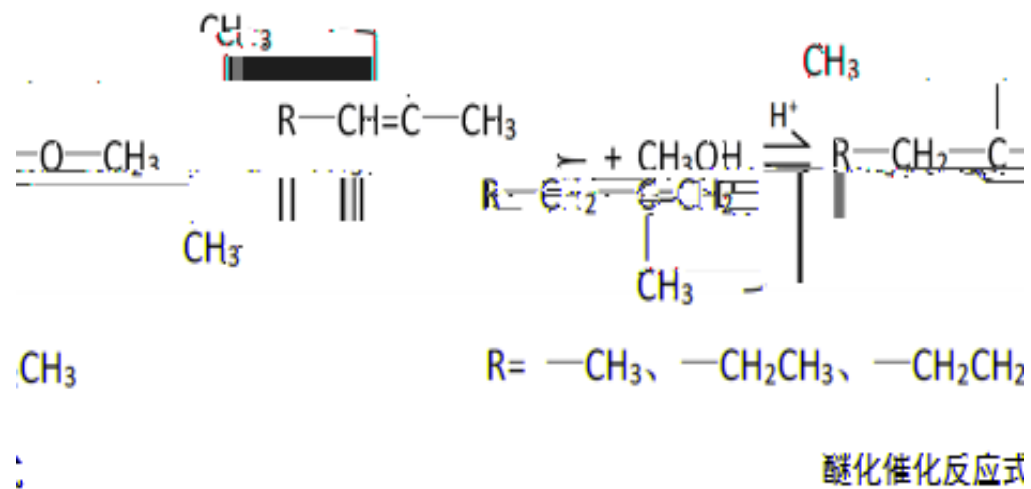


=

MTBE TAME /

99

100

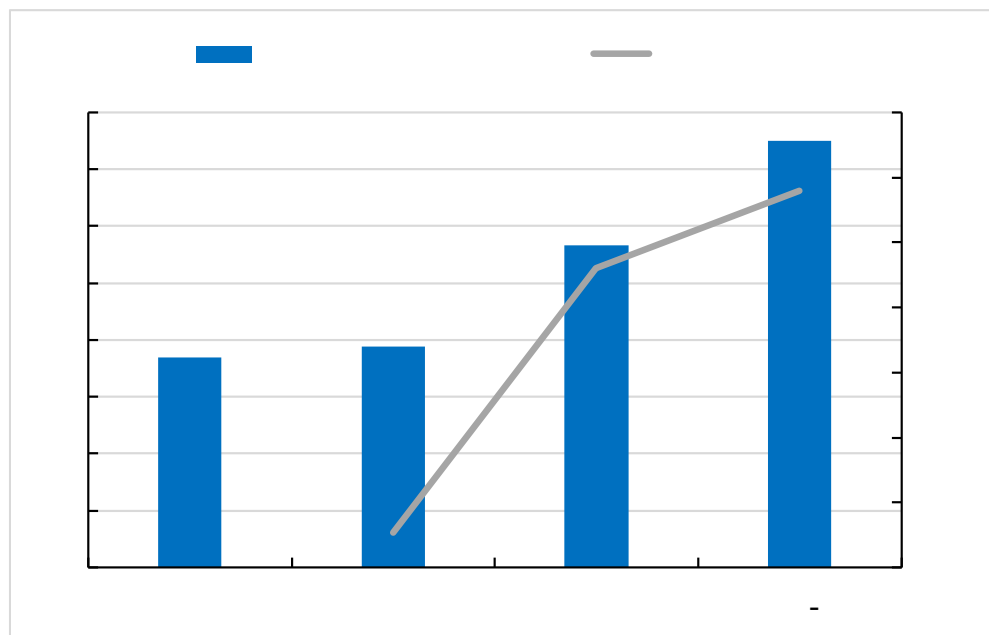




2012-2014 1842 1941 2833 24% 2020

2021 3753 58%

101



2017

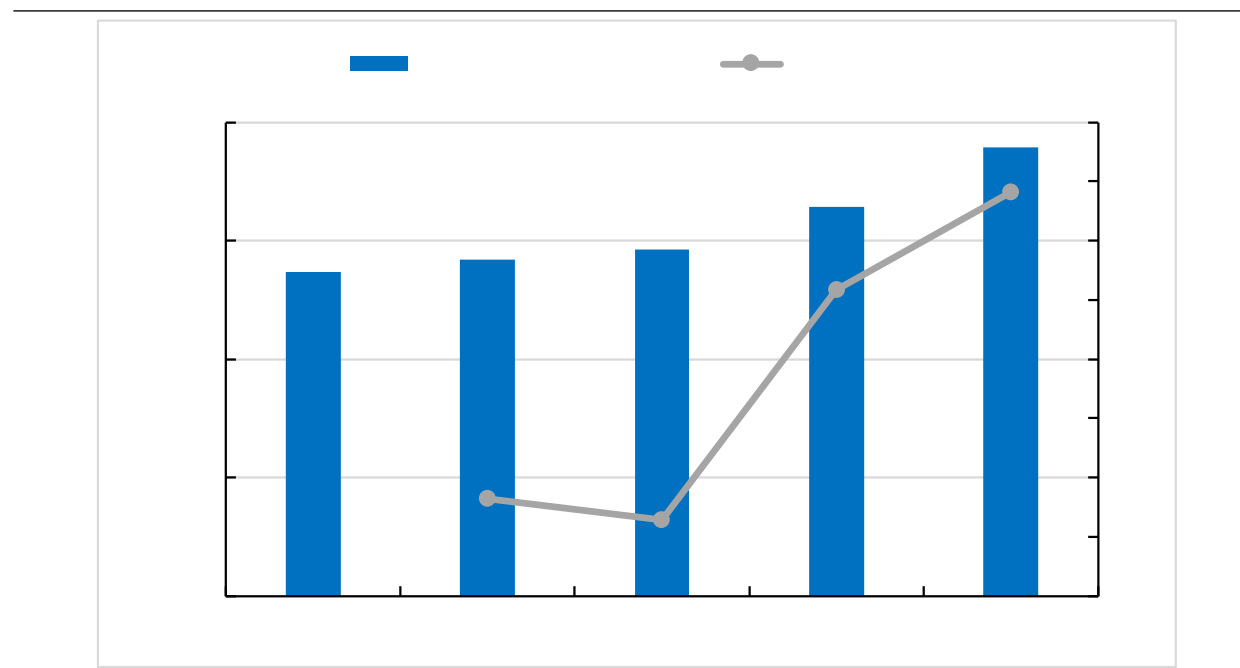
3365.2

2021

3891.3

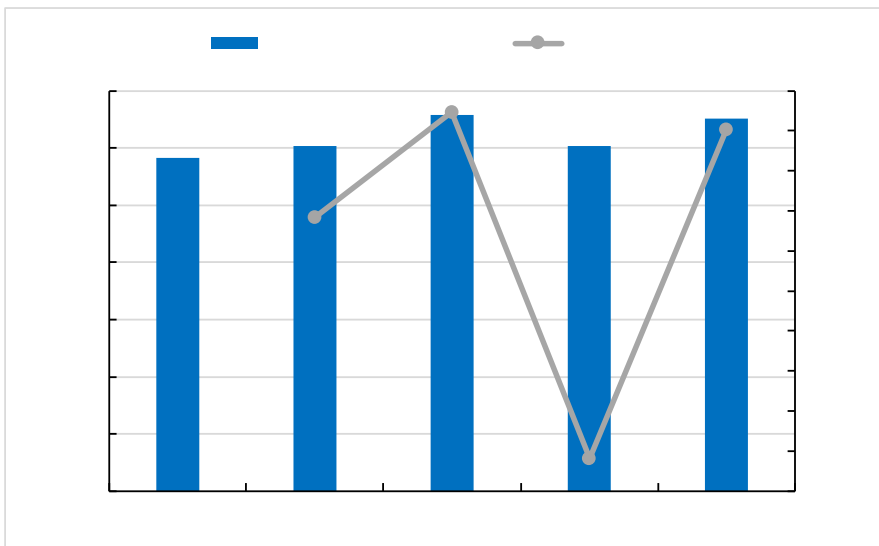
3.70%

102

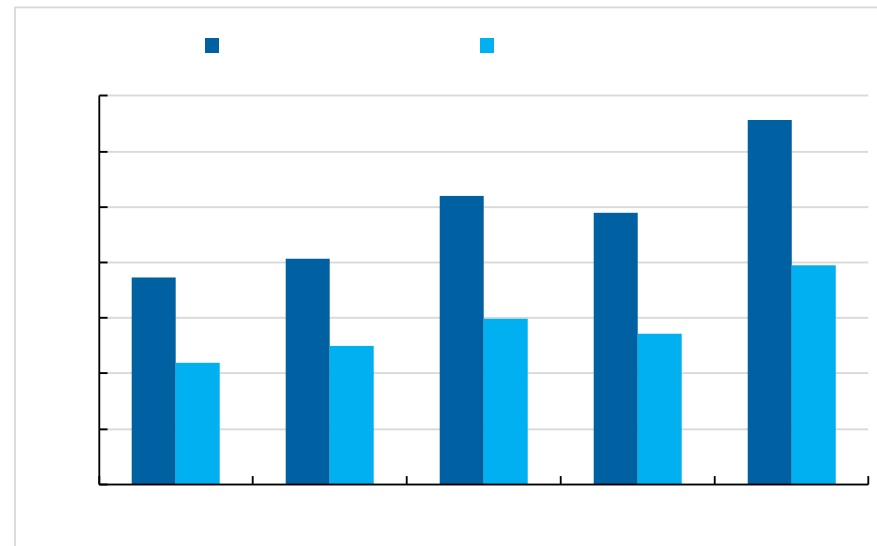


➤			2020		MTBE		2021	MTBE	1303.67
	2017	1165.52		2.84%					
➤	MTBE						/		
					2017	186.60	2021	328.0	15.14%
	2017	109.53	2021	197.08		15.82%		/	

103 MTBE



104



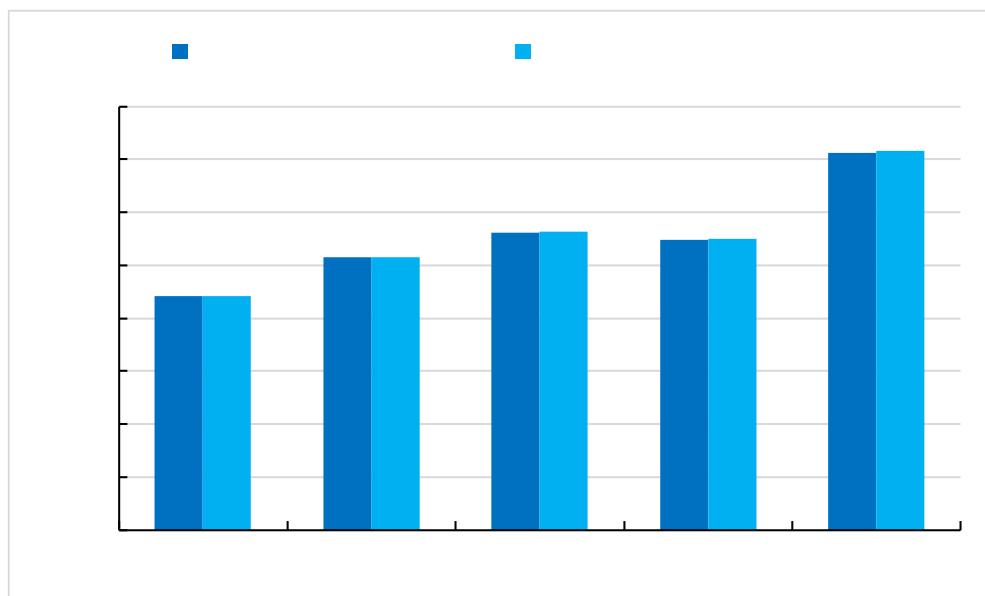
2017 885.32

2021 1441.38

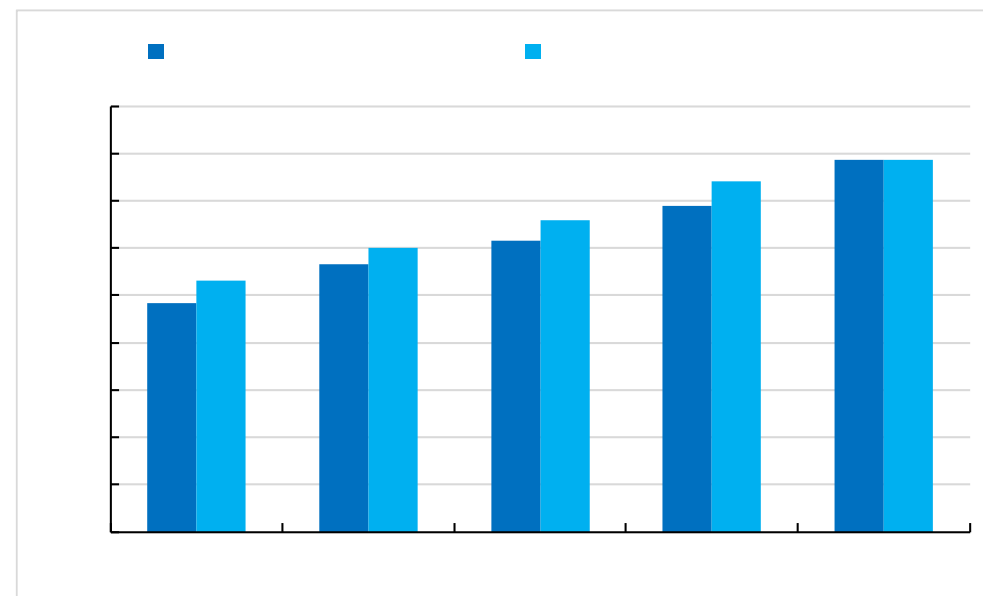
12.76%

PA6

105



106







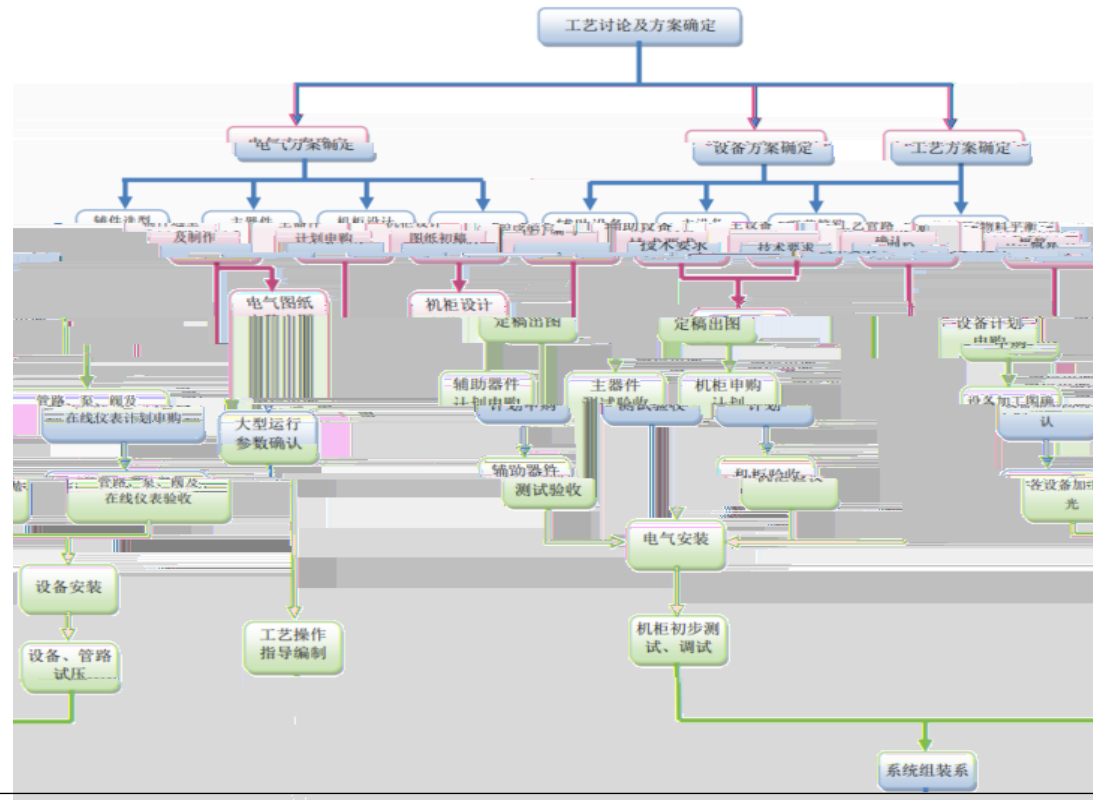
EPC

SMB

107

SMB	
	CBD ()
EPC	

108



➤ 2011 " "

2018 -2019

MTBE

MTBE

2019

4.69

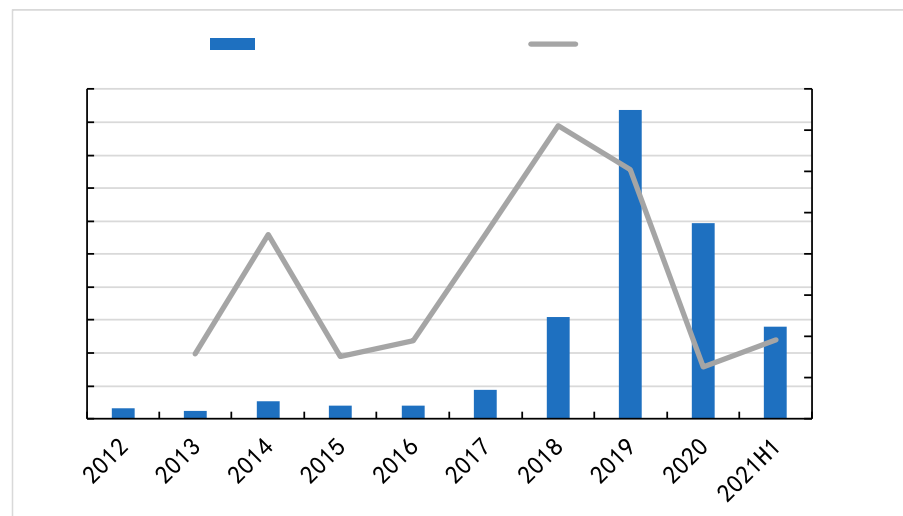
202%

➤ 2020 2.97 37%

2021-2022

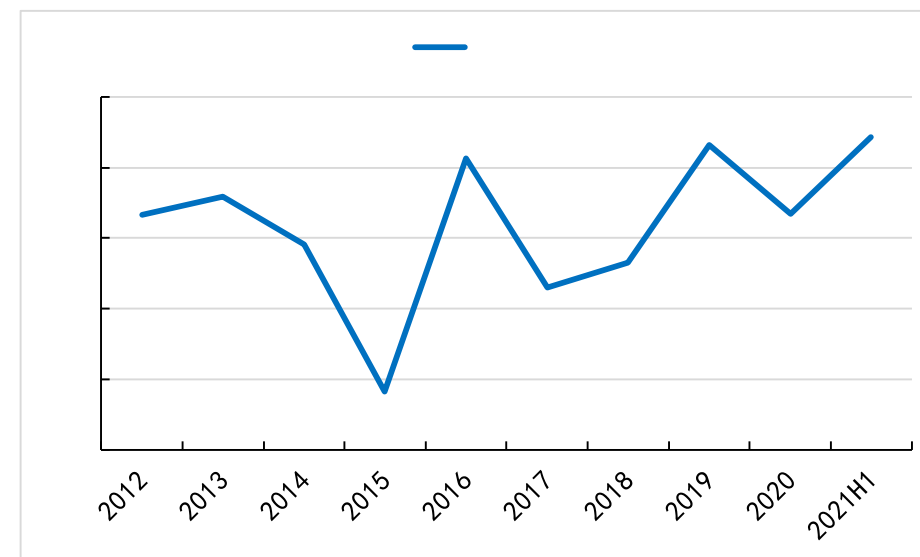
109

2018-2019



Wind

110



Wind

			0.21
			0.12
	& F * F 9F , F 8F F 9 F &		0.005 (
		10 /	0.10
			0.02
		10000t/a	5.78
		3000t/a	4.68
		1000	0.23
		4000t/a	6.24
		1 / EPC	0.50
		10000 EPC	4.90
		25000 /	6.50
		5000 /	1.14





2020A	2021E	2022E	2023E	()	2020A	2021E	2022E	2023E		2020A	2021E	2022E	2023E
607	662	939	1466		923	1195	1984	2778					
287	323	576	779		493	642	1066	1495	EPS	0.97	1.45	2.47	3.52
332	416	705	979		12	13	22	31	BVPS	7.69	9.14	11.62	15.13
157	161	289	376		24	32	52	74					
1383	1562	2509	3600	/ -	83	96	159	203	P/E	45.9	47.3	27.7	19.5
673	862	912	989		41	9	9	8	P/B	5.8	7.5	5.9	4.5
43	93	111	146		55	72	119	167	P/S	16.0	12.3	7.4	5.3
452	494	511	541		215	342	577	825					
3	3	4	5		2	0	0	0					
2553	3014	4048	5280		217	342	577	825					
71	71	71	71		21	38	60	89					
292	386	636	895		196	304	516	735	ROE	12%	16%	21%	23%
0	63	52	110		-7	-7	-15	-19		47%	46%	46%	46%
332	332	610	790		202	311	531	754		16%	11%	11%	10%
695	852	1369	1866		260	487	533	870		22%	26%	27%	27%
118	118	118	118		202	311	531	754		-9%	30%	66%	40%
68	68	68	68		-7	-7	-15	-19		-20%	54%	71%	42%
186	186	186	186		90	140	161	193		0.36	0.40	0.49	0.53
880	1038	1555	2052		-2	0	0	0		3.23	3.70	3.45	3.57
215	215	215	215		-85	33	-153	-66		2.78	2.87	2.81	2.84
1673	1977	2493	3228		-58	-421	-246	-333		34%	34%	38%	39%
2553	3014	4048	5280		-53	-427	-250	-338		1.99	1.83	1.83	1.93
					-4	4	2	3		1.48	1.32	1.29	1.38
					-1	1	2	3					
					-50	-10	-10	-10					
					41	0	0	0					
					1	0	0	0					
					-92	-10	-10	-10					
					130	56	277	527					

R3

/



7F
200010
021-60338252

8

28F
518041
0755 83706353

25F
100044
010-88576597

168