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2023

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11

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GRI

ESG 2015 / " " 2023 ESG



2023 1 1 2023 12 31 " "

1 — 2021 GRI 2030
SDGs
CASS-ESG 5.0

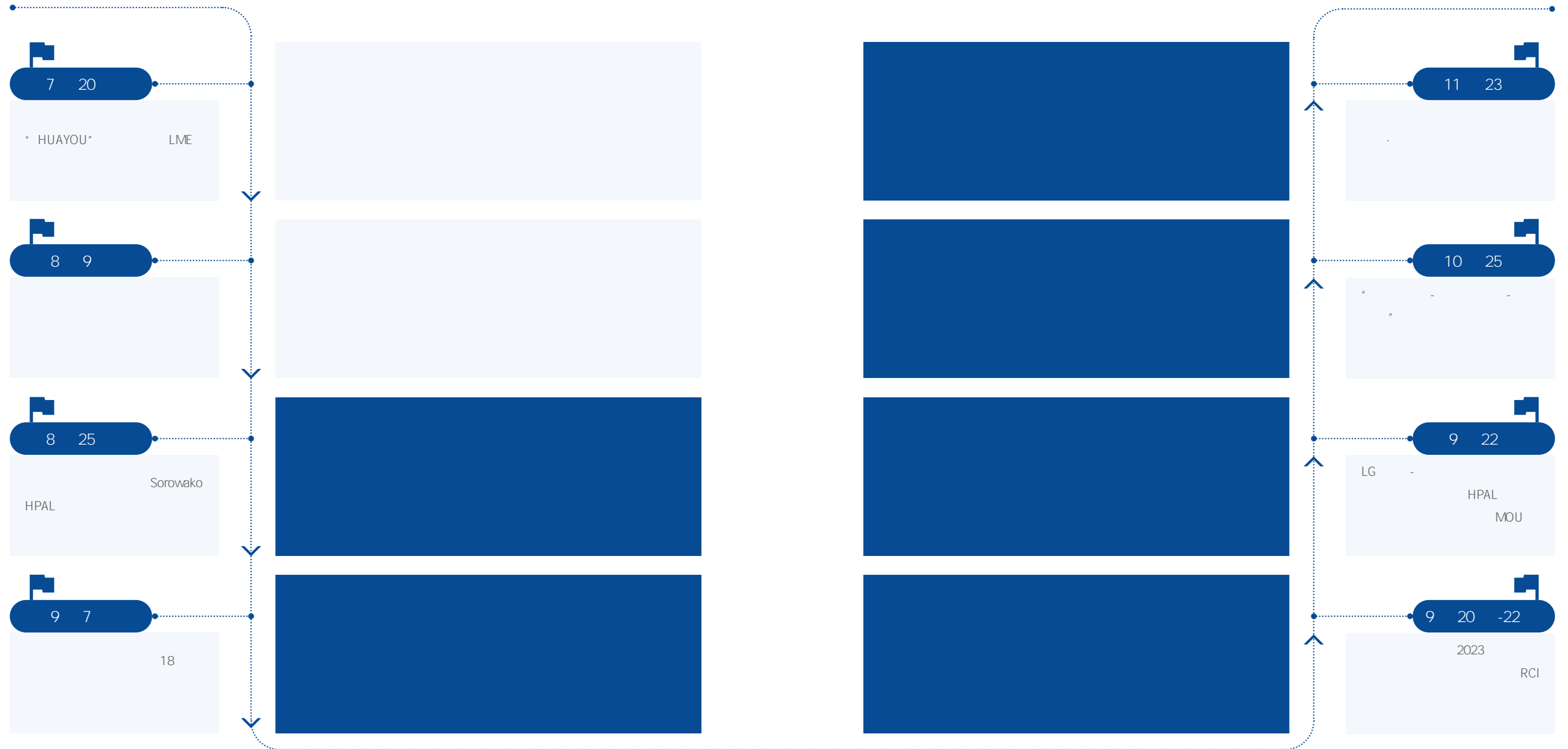
<https://www.huayou.com>
csr@huayou.com





2023





663.04

33.51

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22

13

48

5,375

869

30,017

4.6

26,046.3

CDP B

34%

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820,000

100%

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14.41

4,689

12

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52

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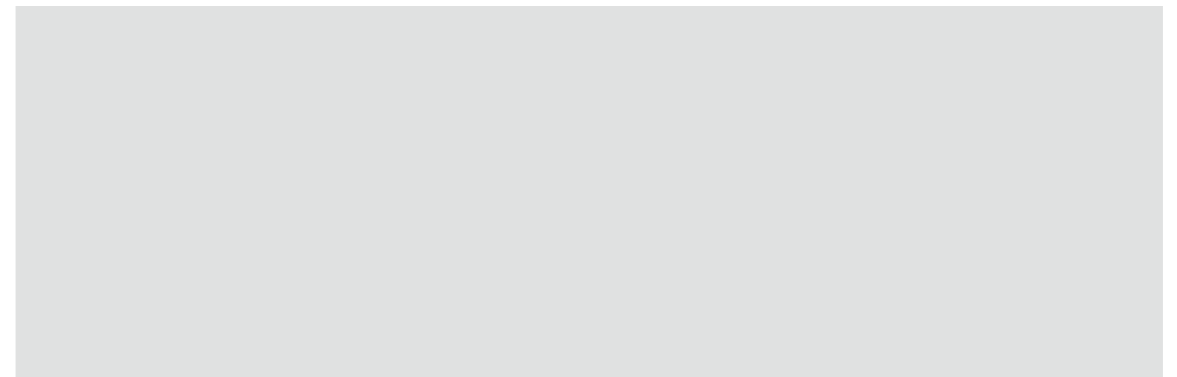
100%

1.81

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1,069.06



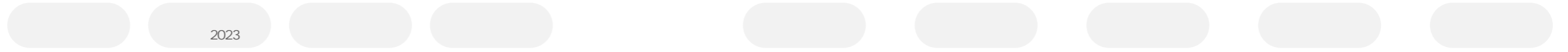
									380
9%							2023		
	8.7						50%-70%		
2+	3		5%		1.5				1+

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ESG ESG ESG ESG ESG ESG ESG ESG







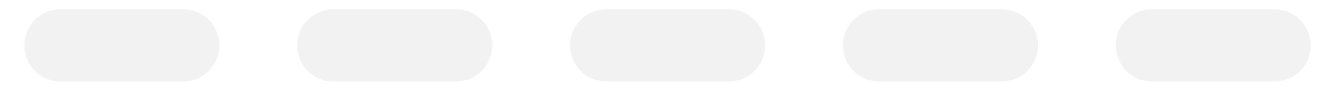






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ESG

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ESG

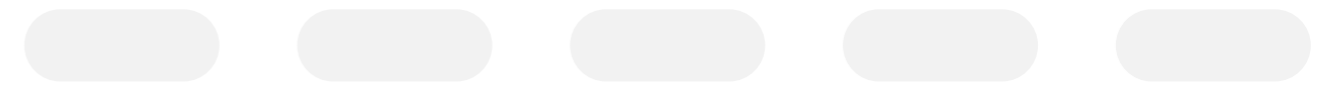
ESG

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SDGs GRI

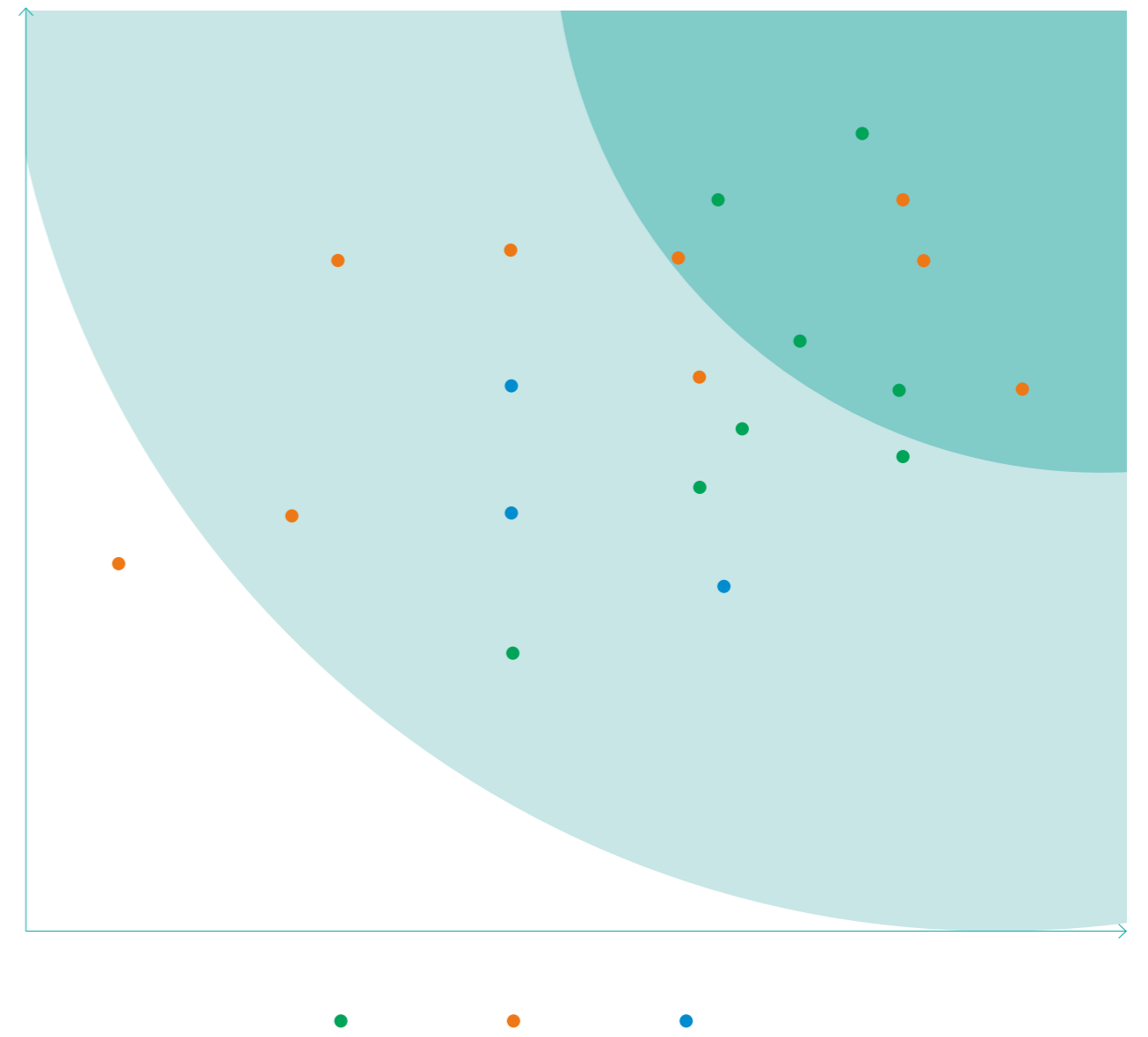
ESG



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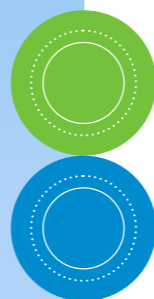
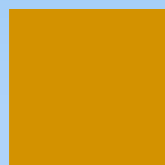
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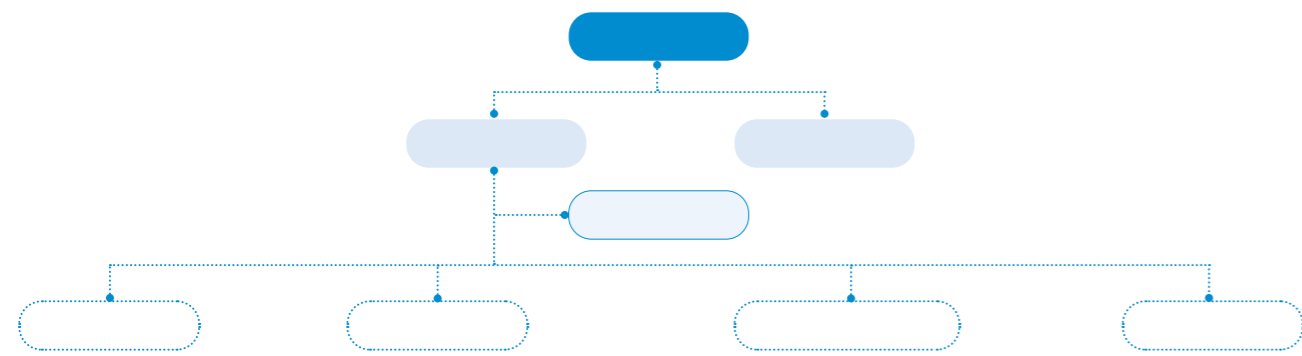
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8 4

7 3

37



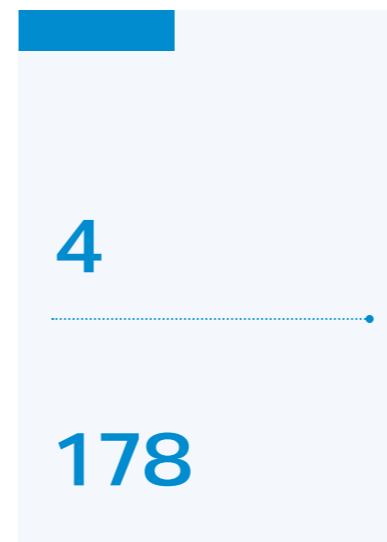


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7

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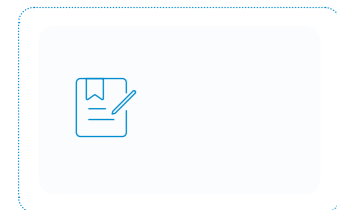
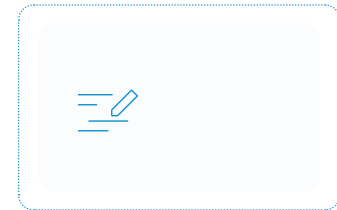
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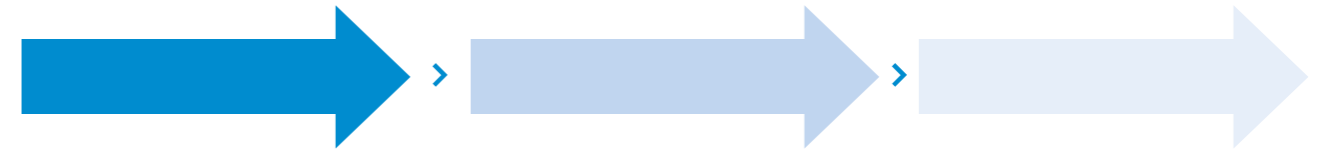
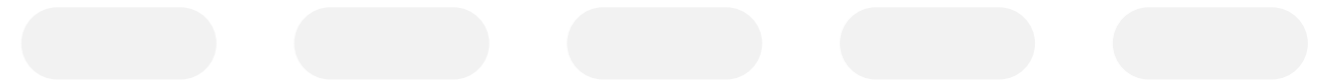
E

2023

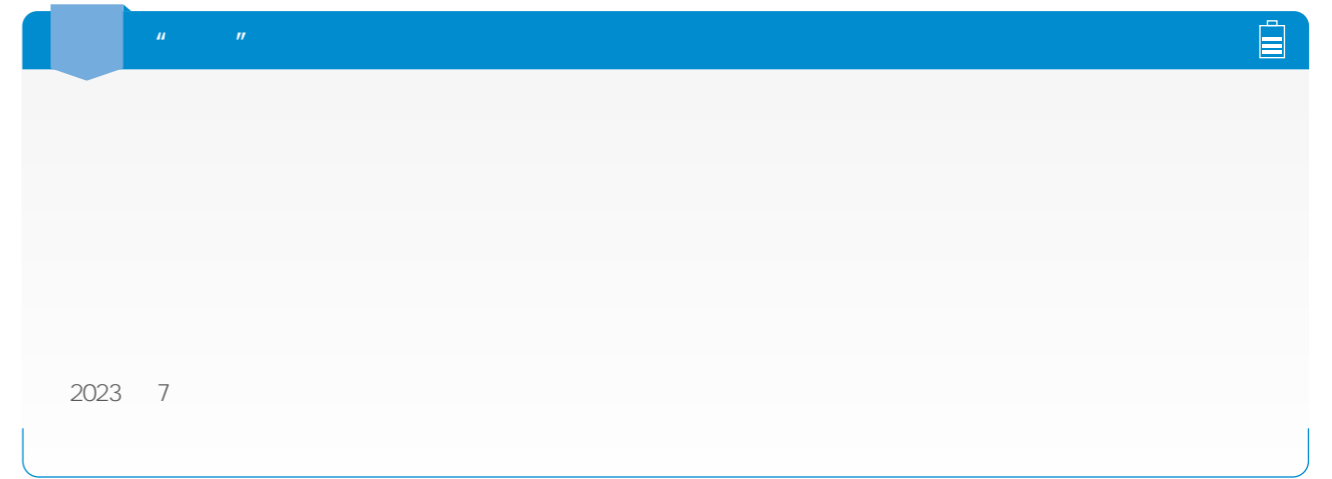




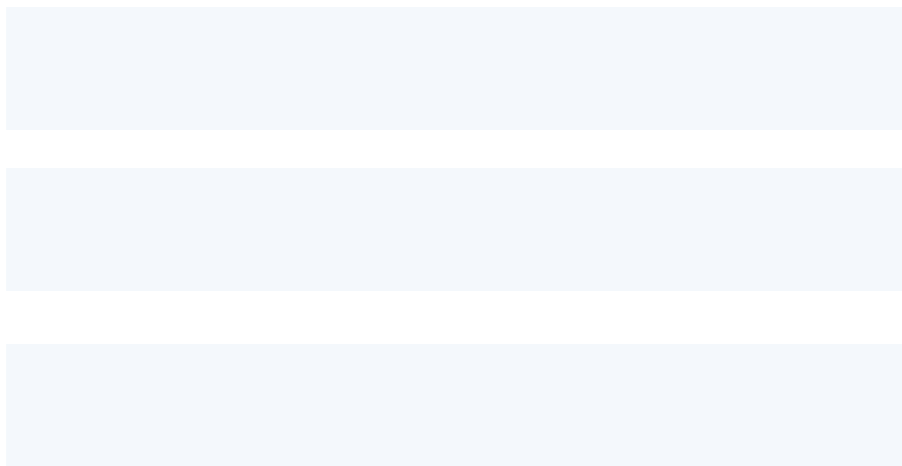
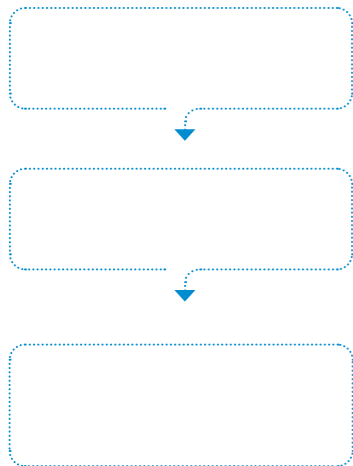
- ◆
- ◆
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- ◆



" "



ESG ²



² ESG

<https://www.huayou.com/Public/Uploads/ueditor/upload/file/20240109/1704789121639211.pdf>



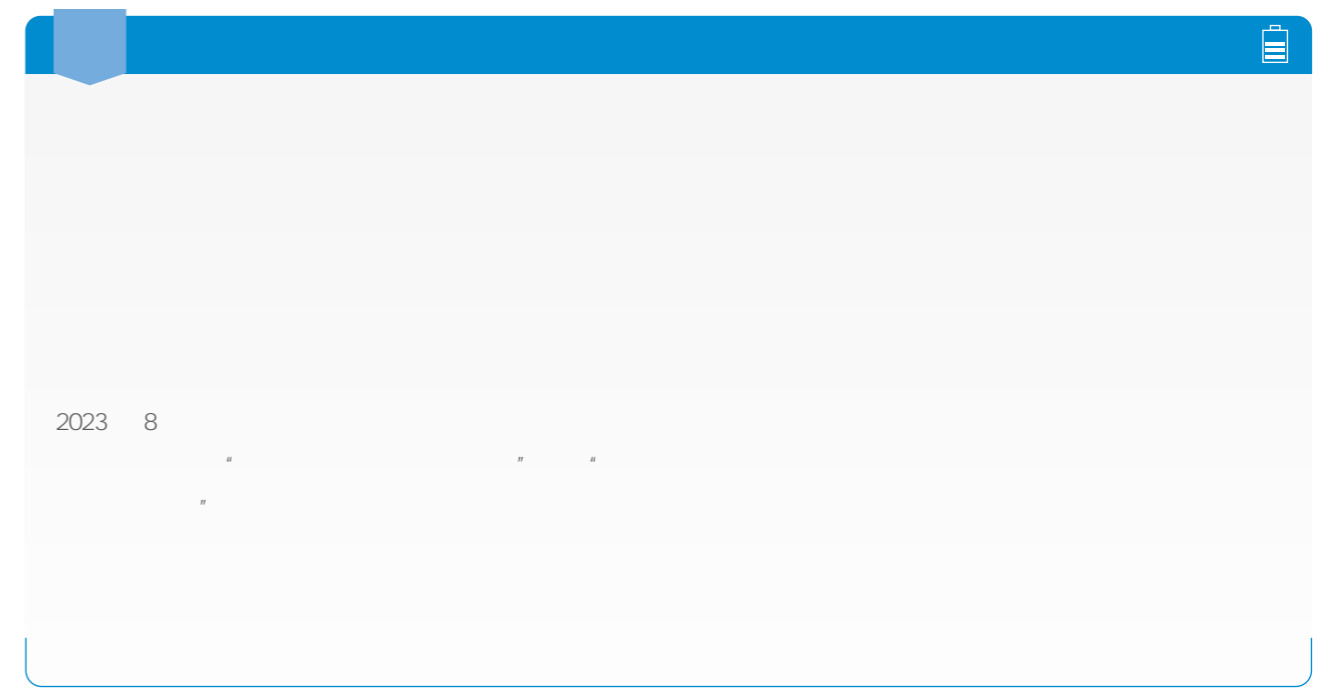
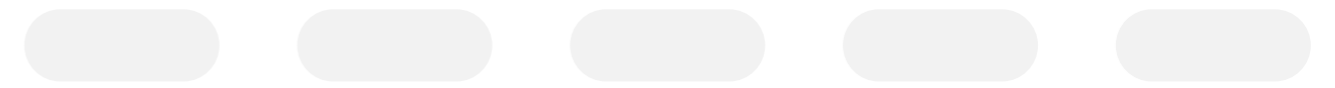
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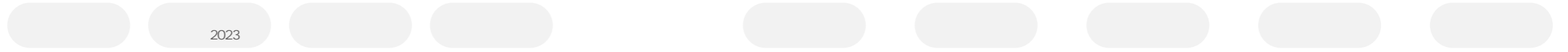
5,375

48

5,375

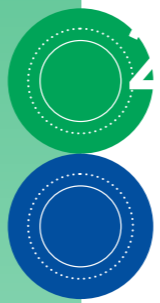
2023





OA

02



3		2023
		34,613,021.17
	/	522.04
4		39,748,463.56
	%	53.45

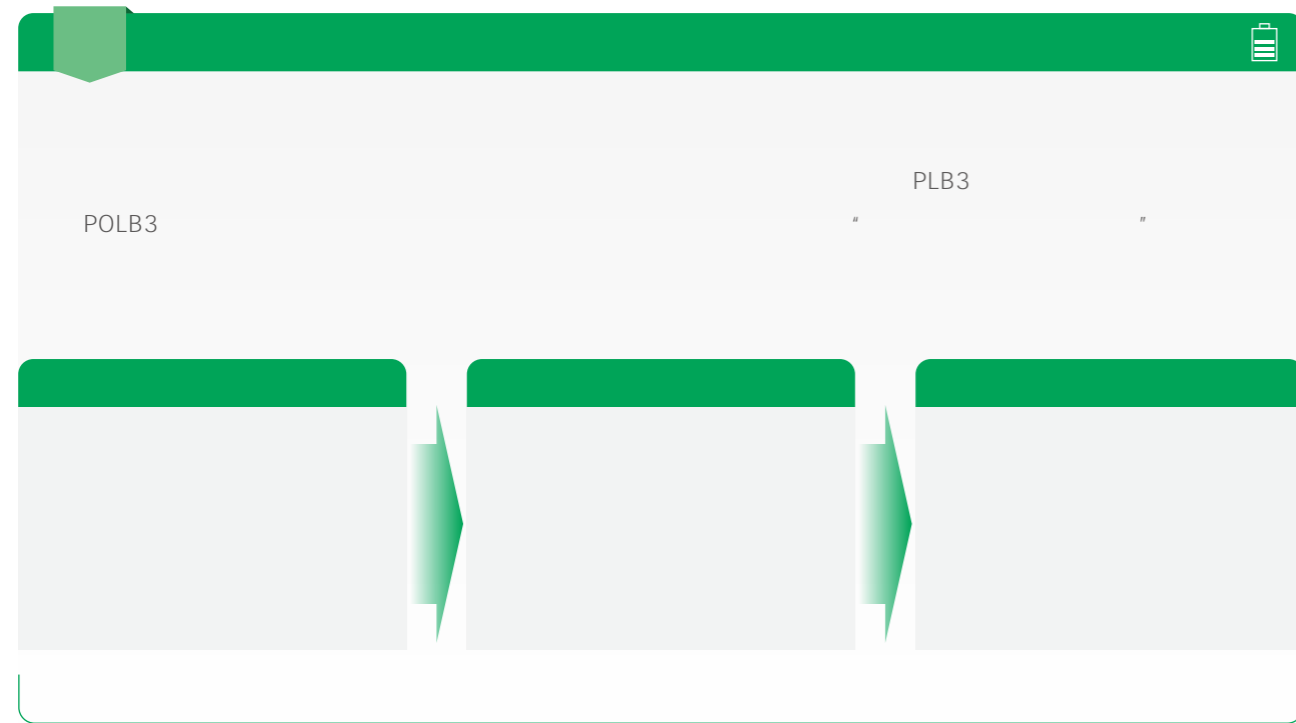
3

4

- MVR
- MVR
- 2520 /

-
- 81% 60% -20% 3h/

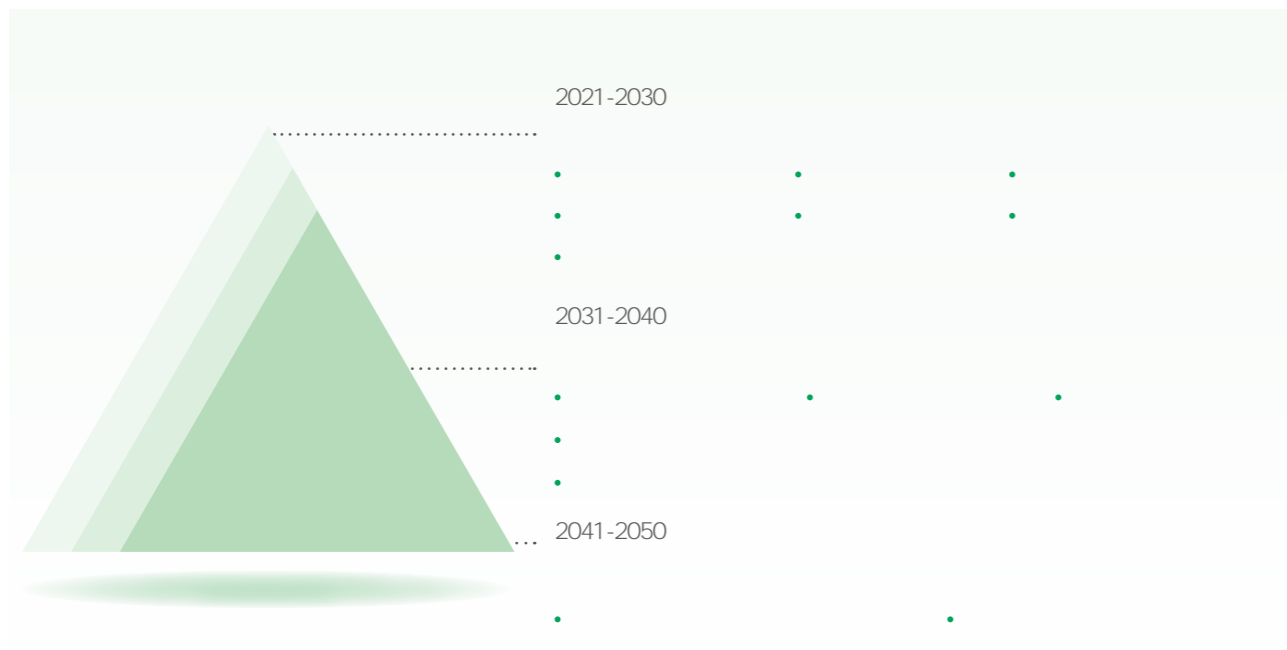
-
- 30% -40%



2023	119.24							360	/
			270	/					
			2023					26,046.3	

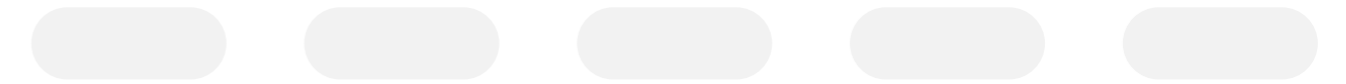
2024	1	SCM	
		SCM	IMP
		SCM	

	8	2023
		21,953.52
	/	0.33
		3,997.81
		1,367,805.31
	/	20.63
		1,318,848.82

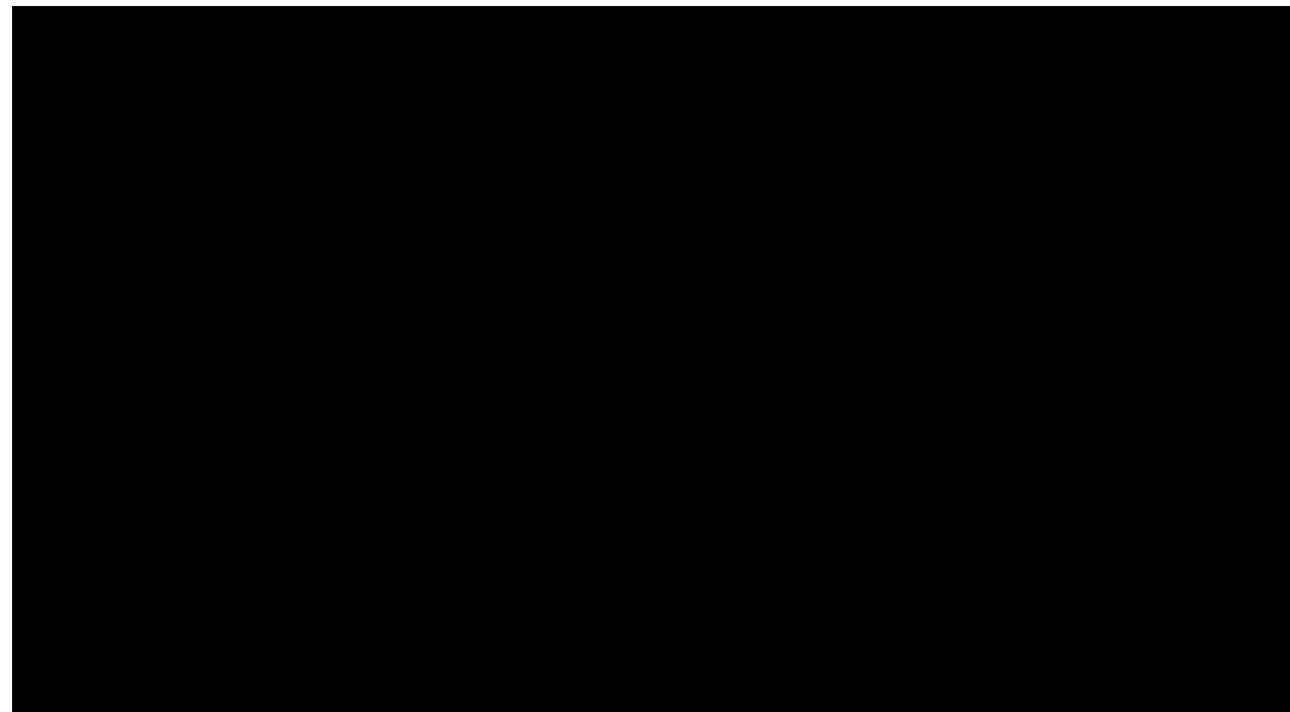
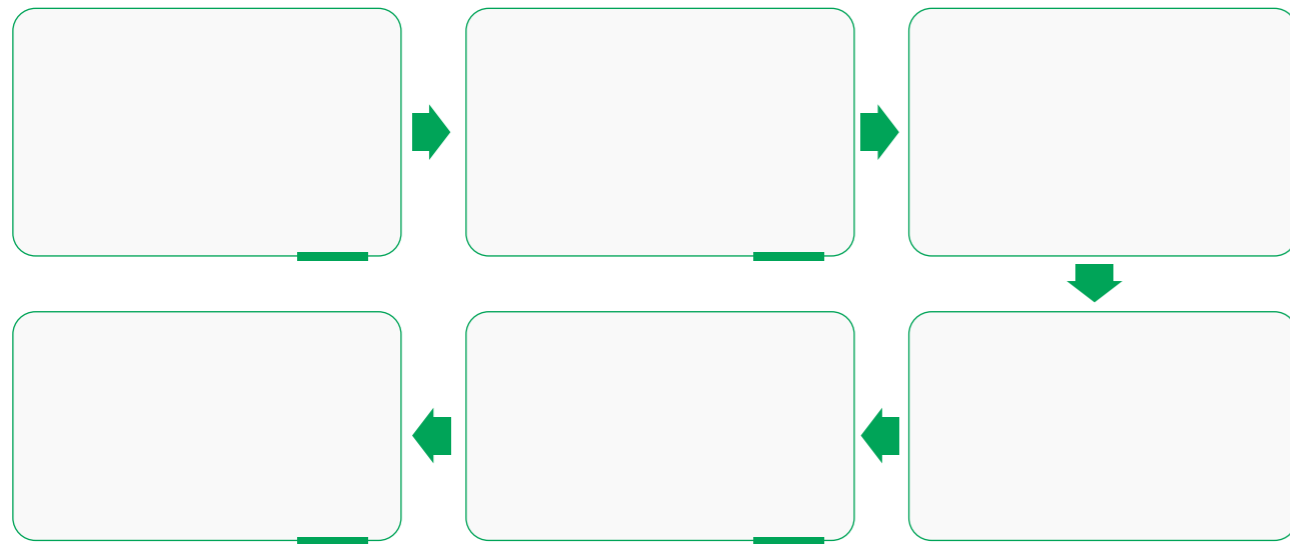


ISSB

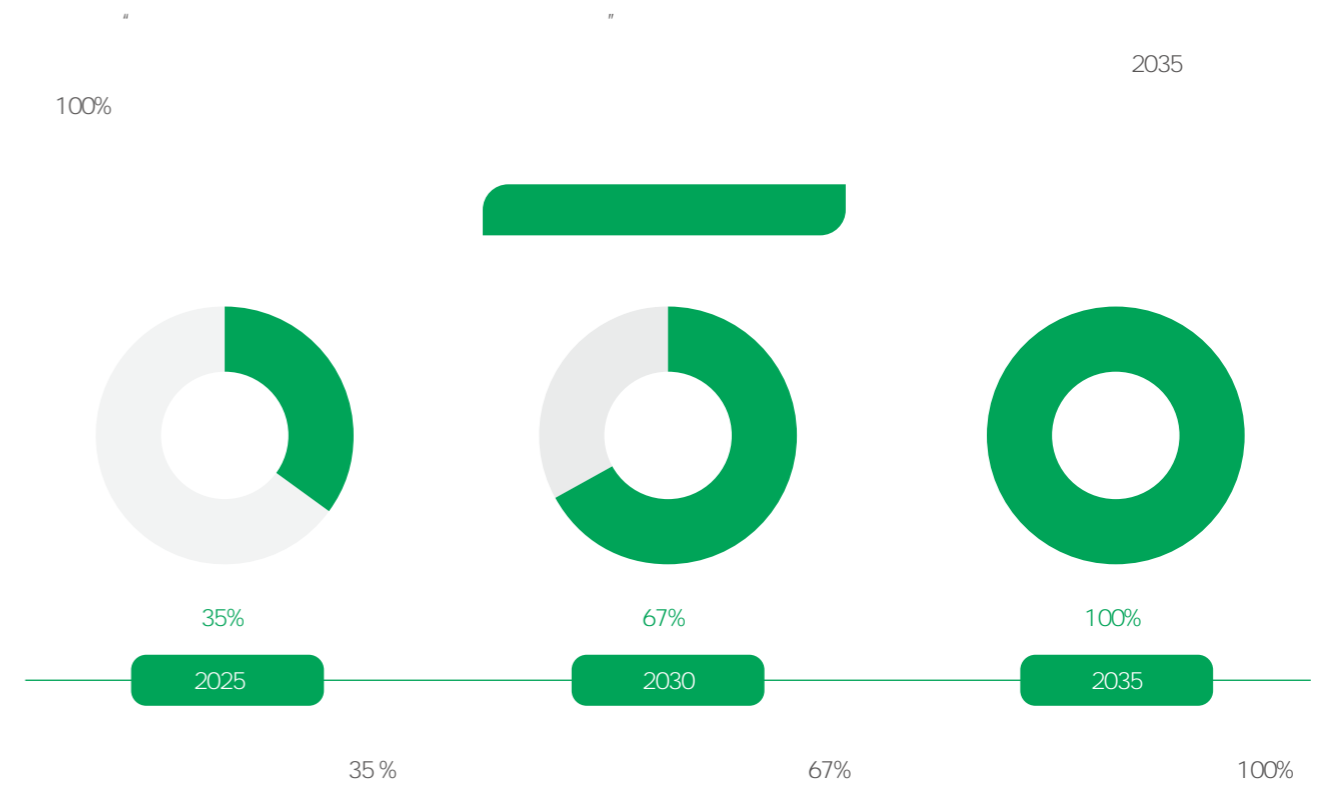
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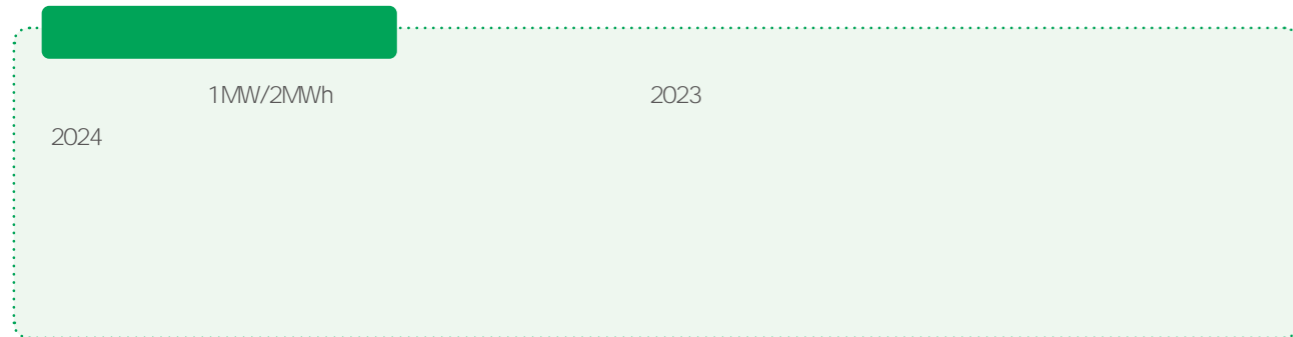
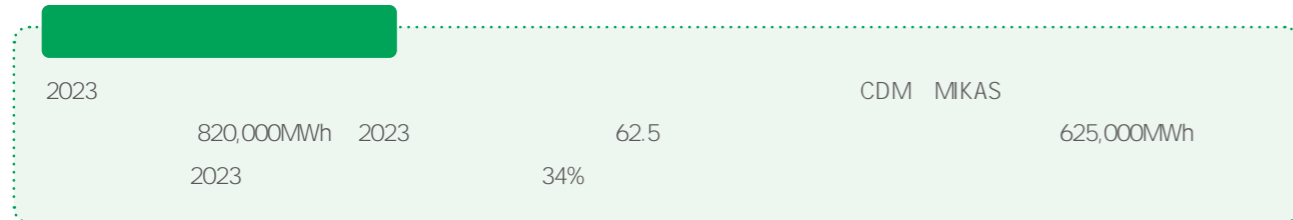


3



117,139.60
266,810.97
53,149,280.80
151,339.45
1,985,222.22
243,983.81
11.90
2.27
-
825,814.17





ISO 50001



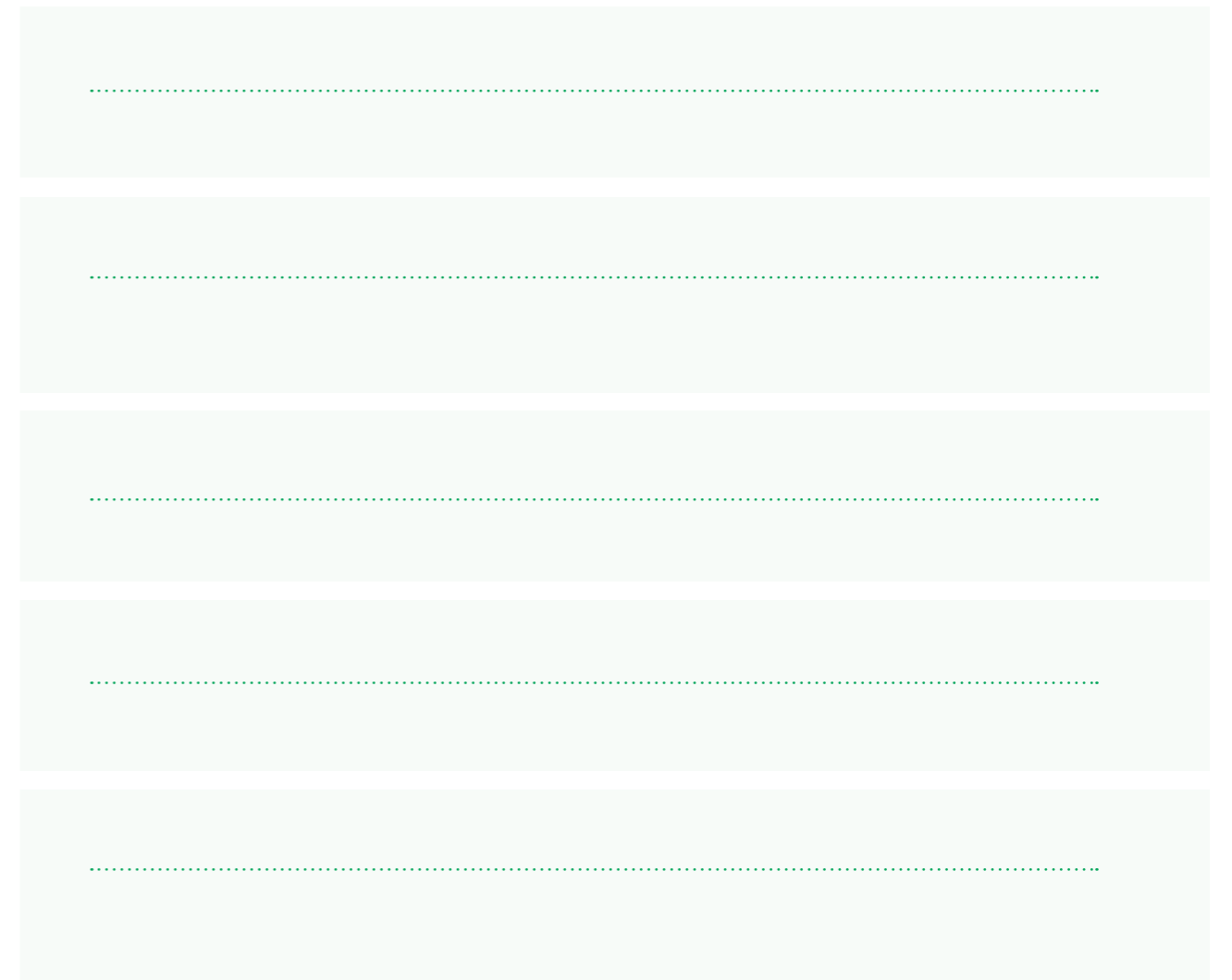
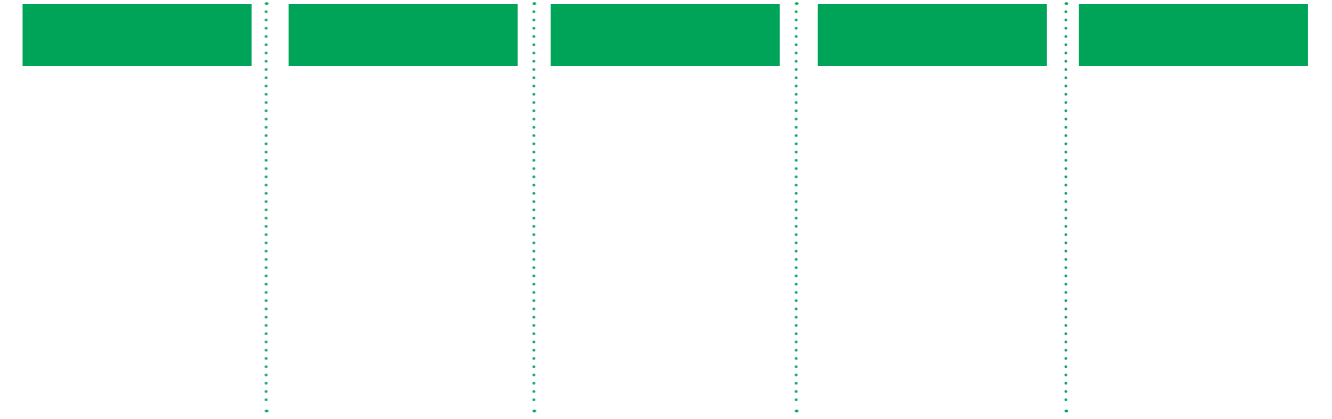
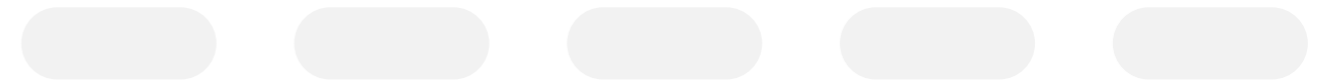
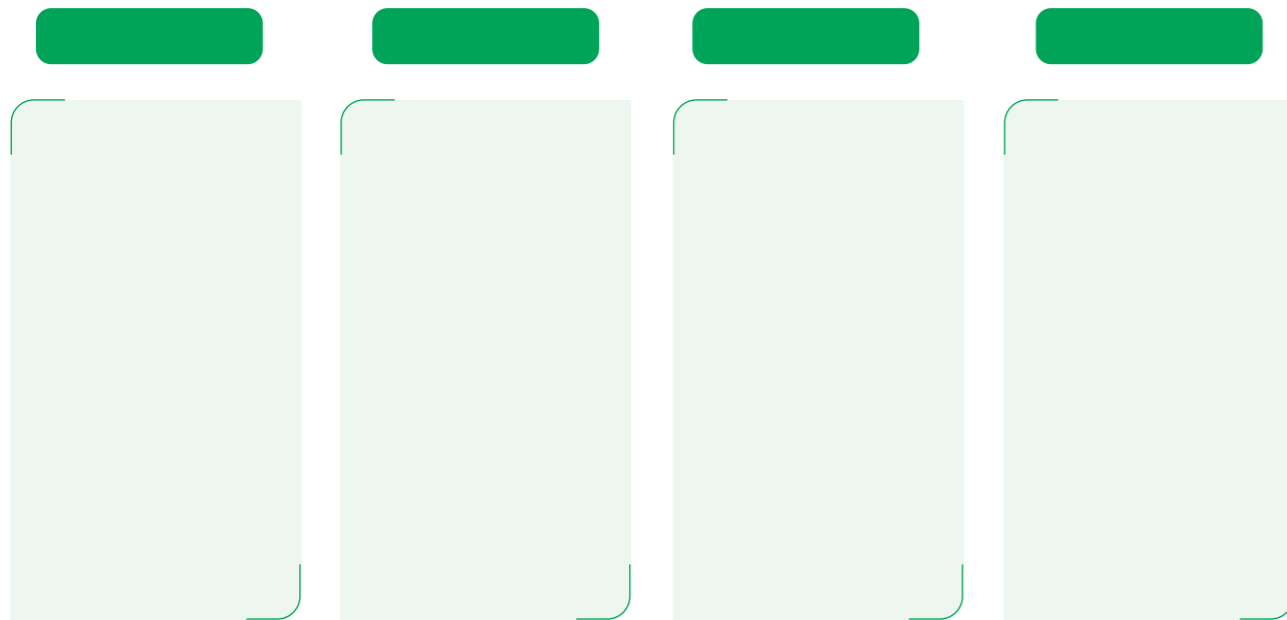
ISO 50001



I-III

KNI						Kolaka Regency		Pomalaa		2023		1		KNI	
CSR						IMP									
2023		9		IMP		Gondrong Mbrowali									
		1,100				11									
2023		1		1.5		27		116							

ESG



HPAL

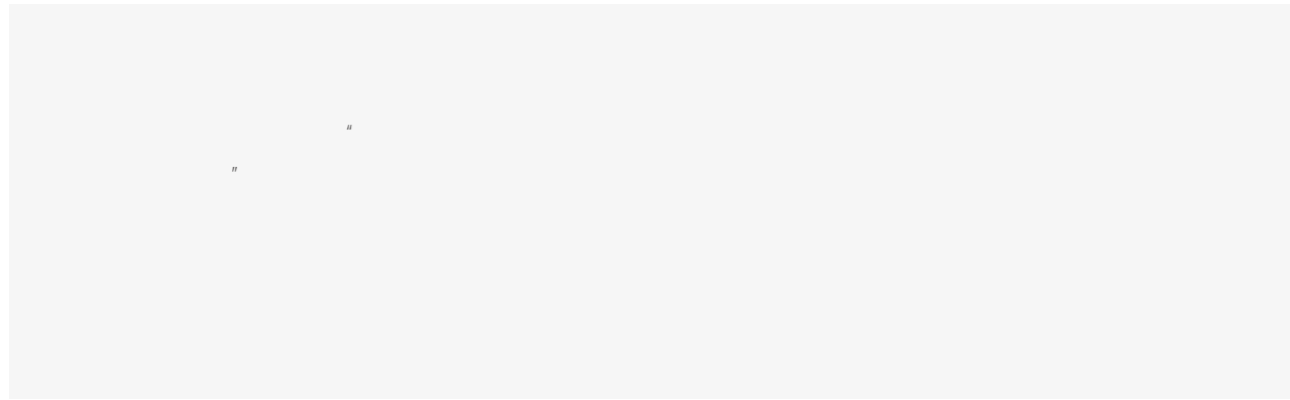


31%

TCLP

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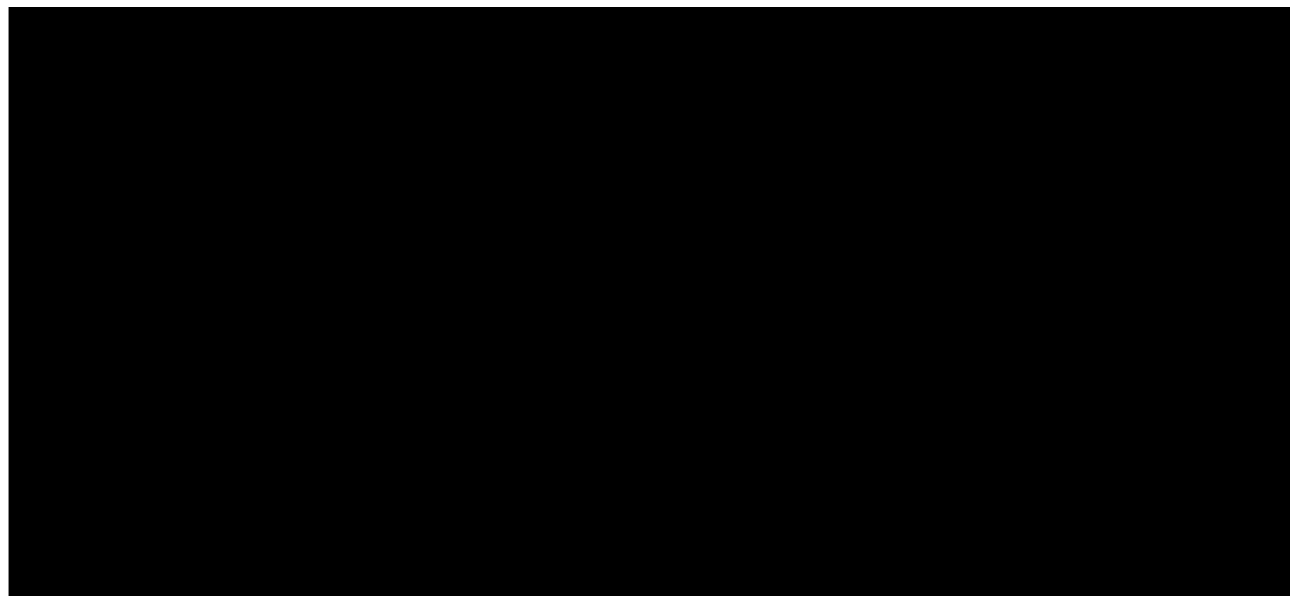
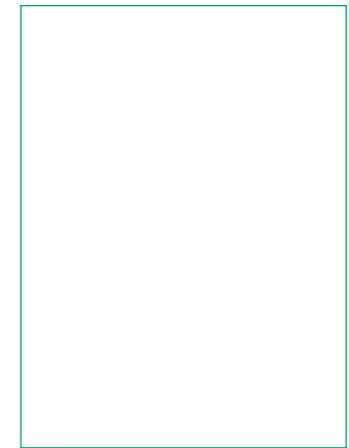
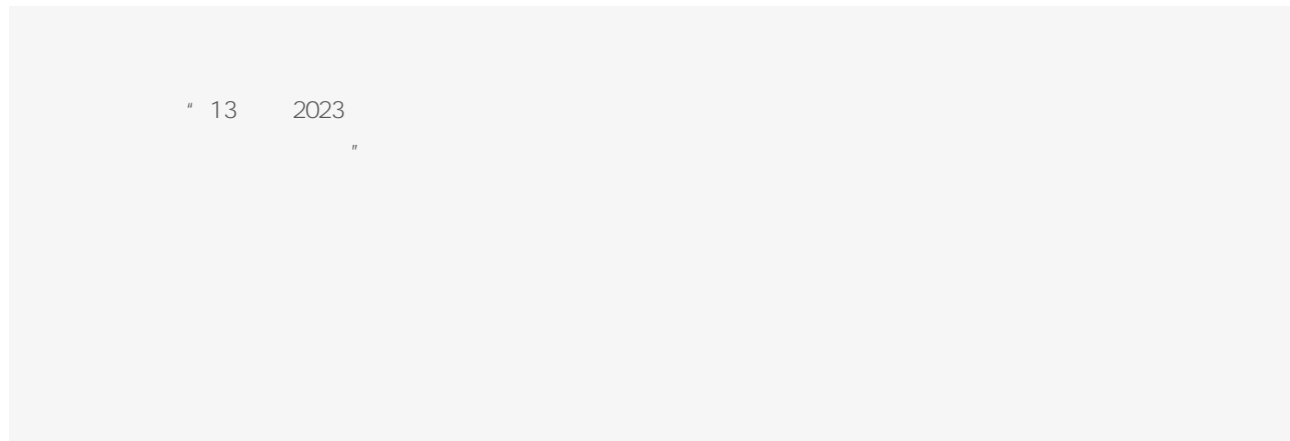
36

36 零碳先锋
碳『案例』²⁰²³

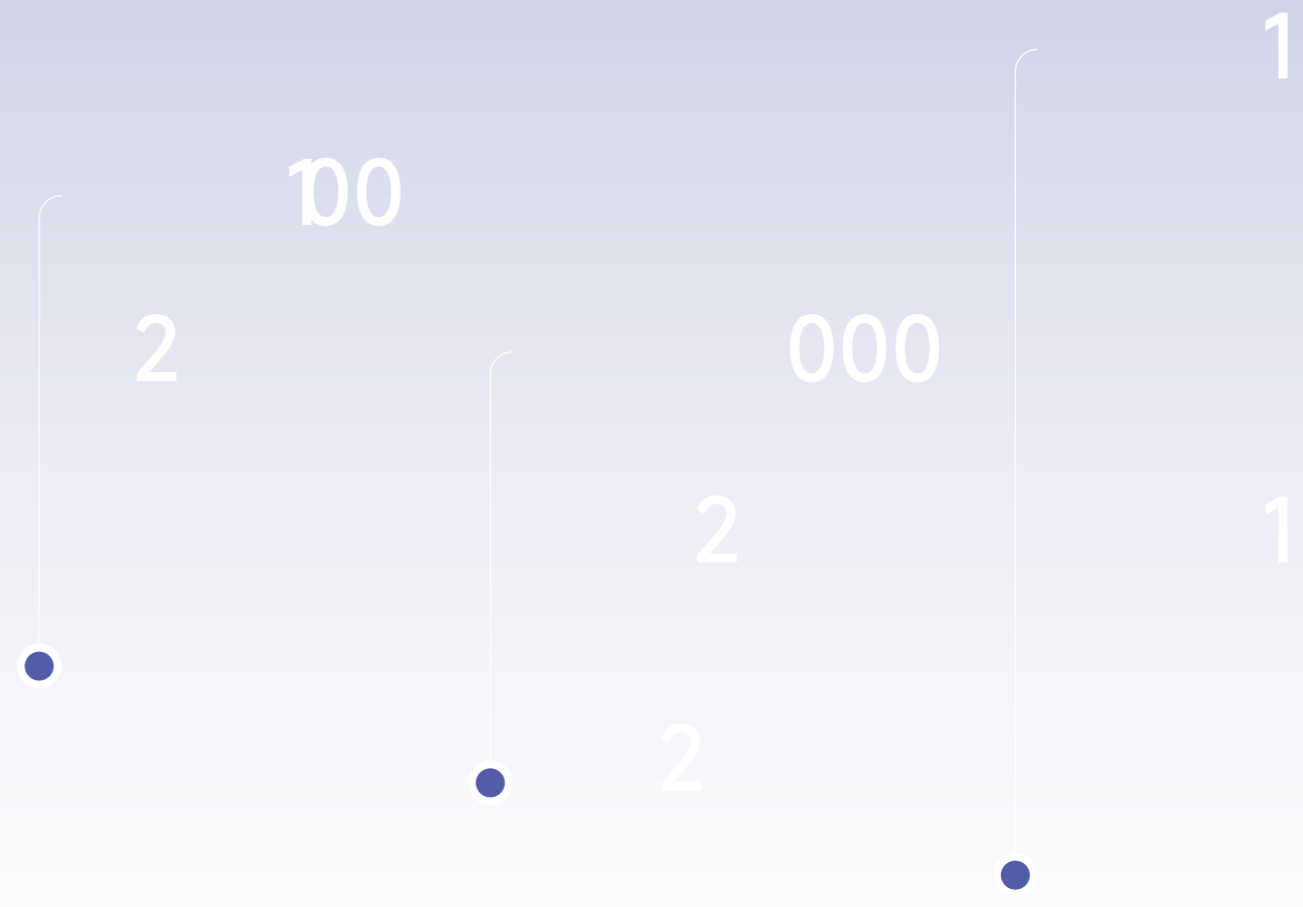
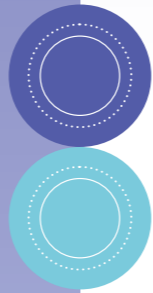
《华友循环》

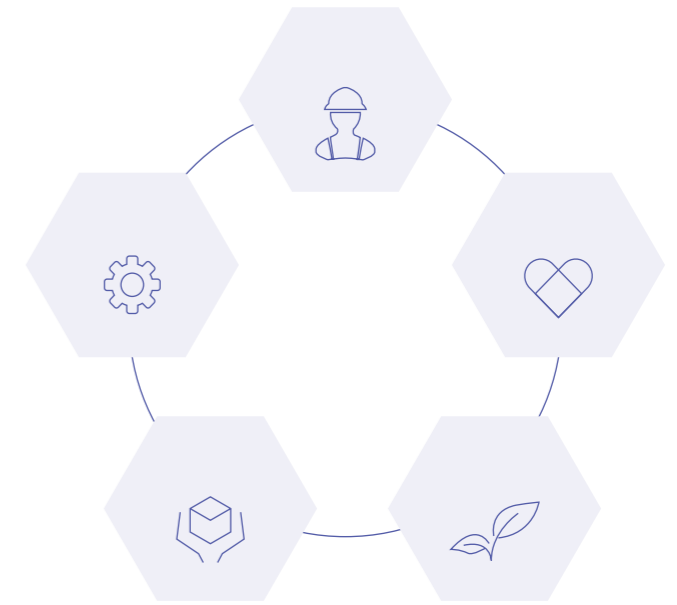
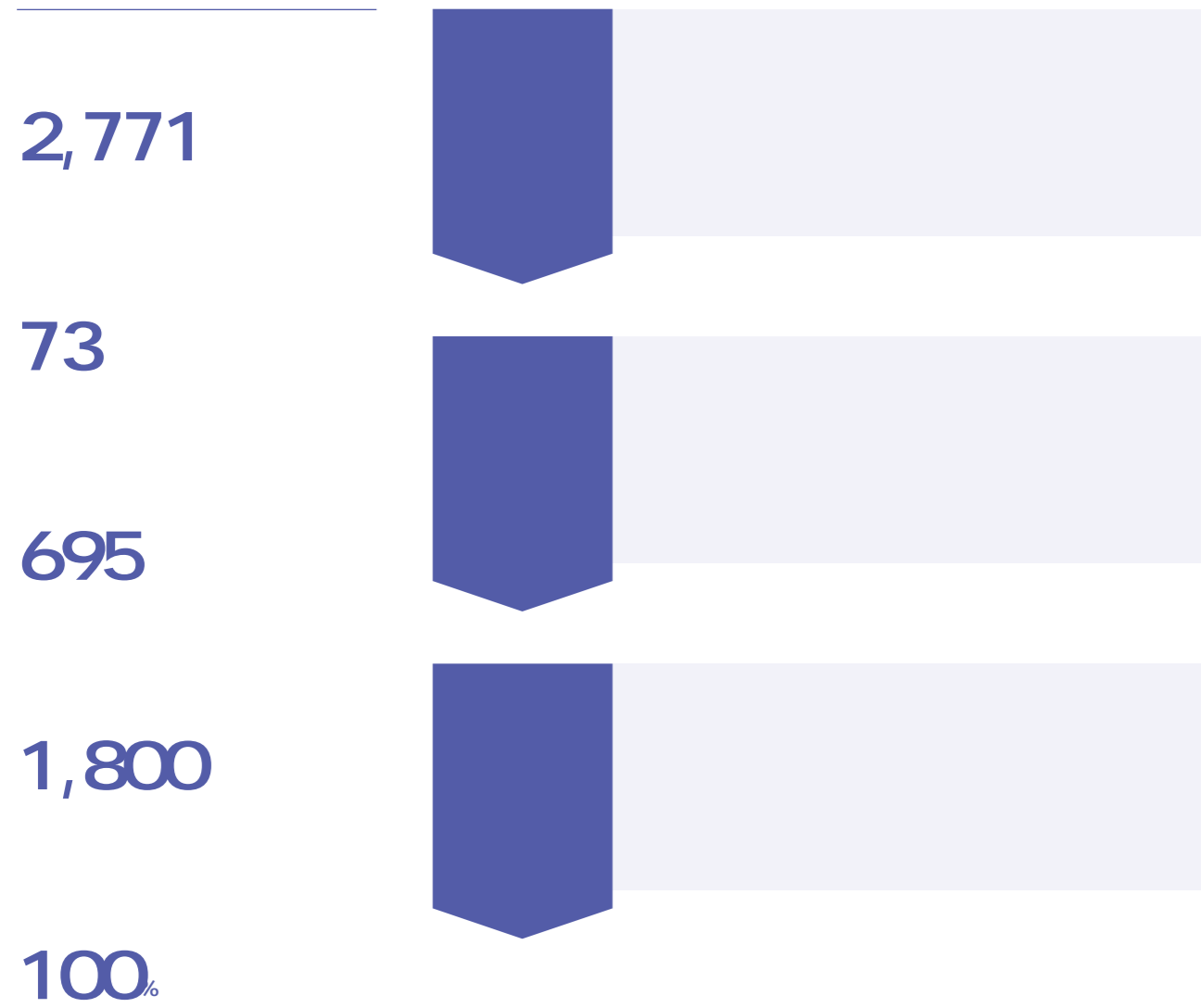


《华友循环动力电池全生命周期管理生态模式》

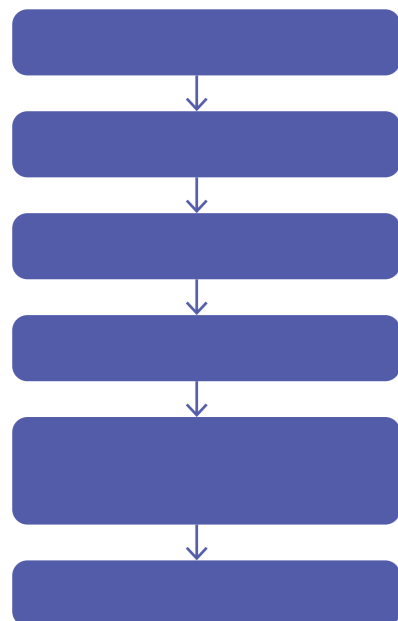



03





" ESG
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2023 4

OECD 2023

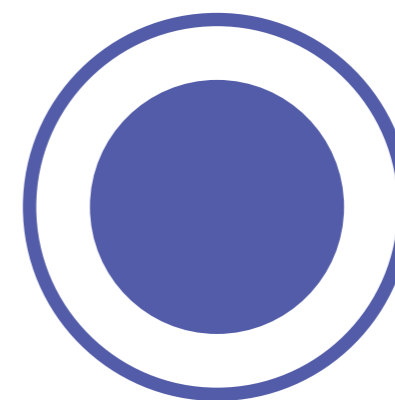
ESG

01 2024
2024 TOP50

02 2026
2026 2027

03 2030
2030 50% 2040
80%

04 2040
2040 2050

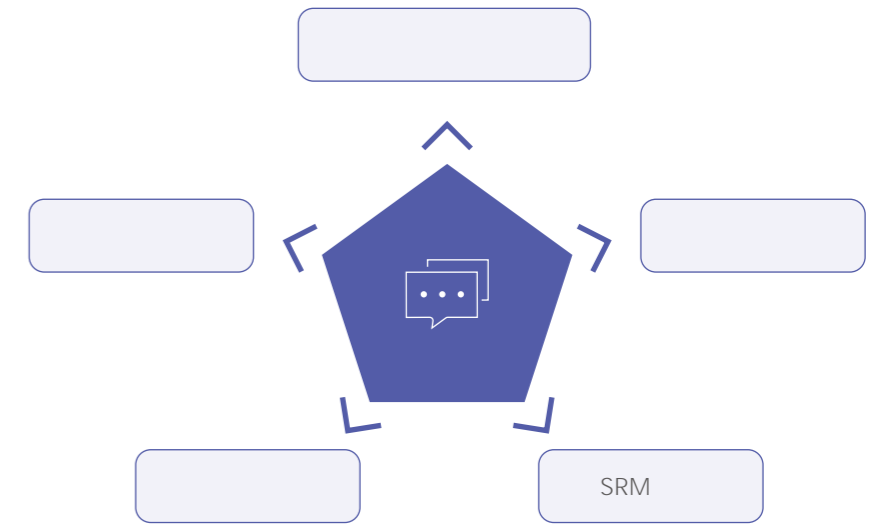


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288.54

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2023

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14.41

4,689

12

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2023 -2025

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330

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397

226

169 3 2023

52 29

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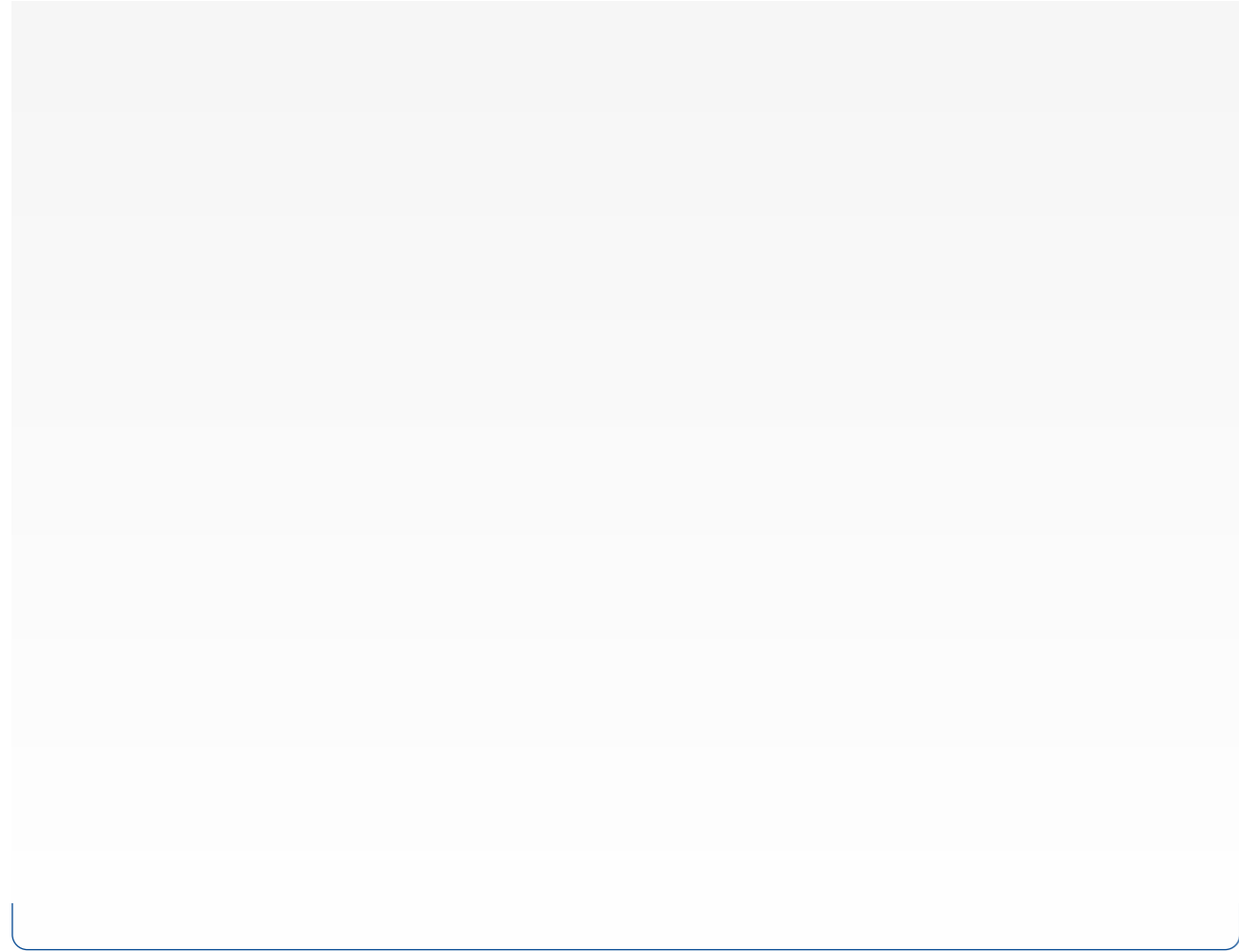
23

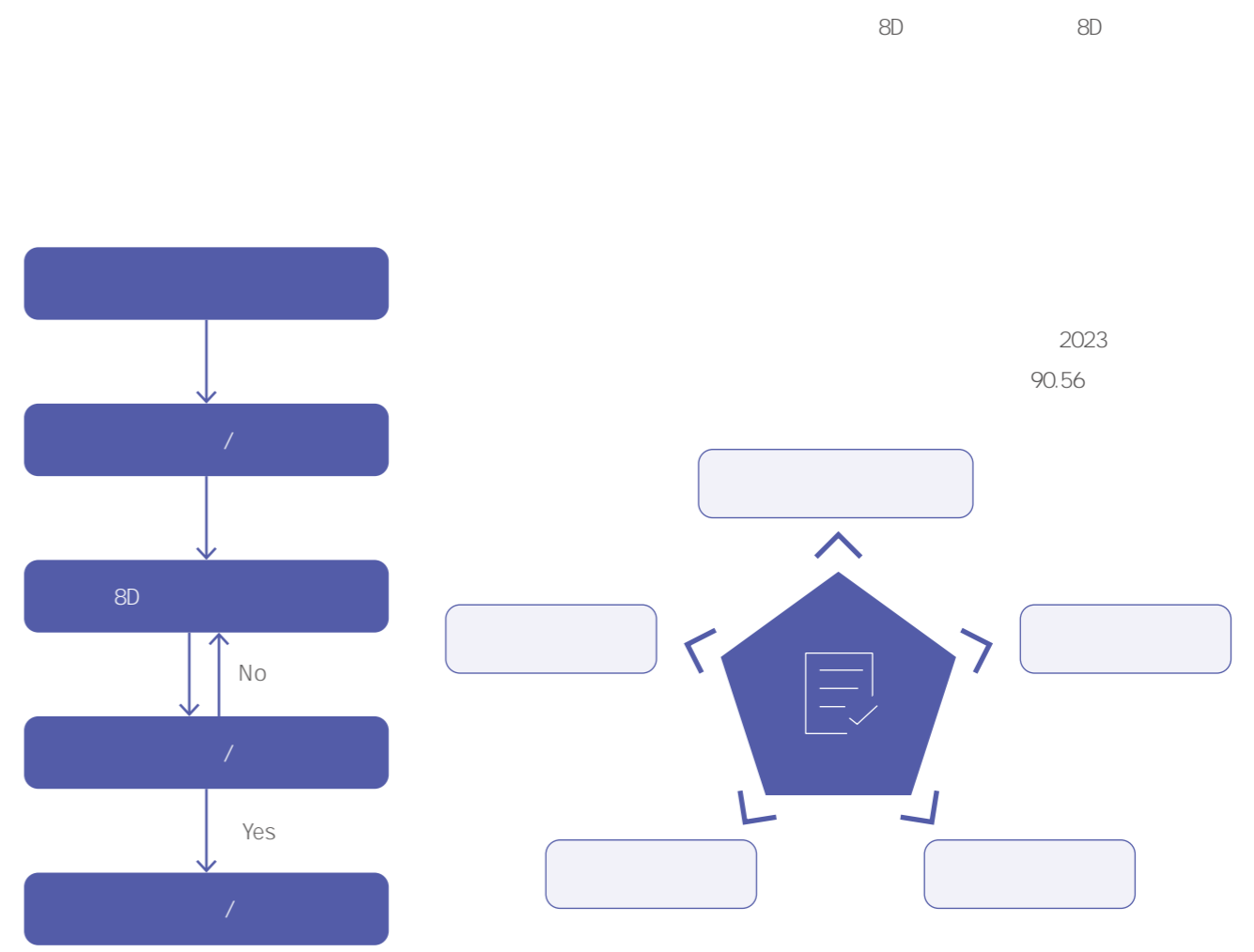
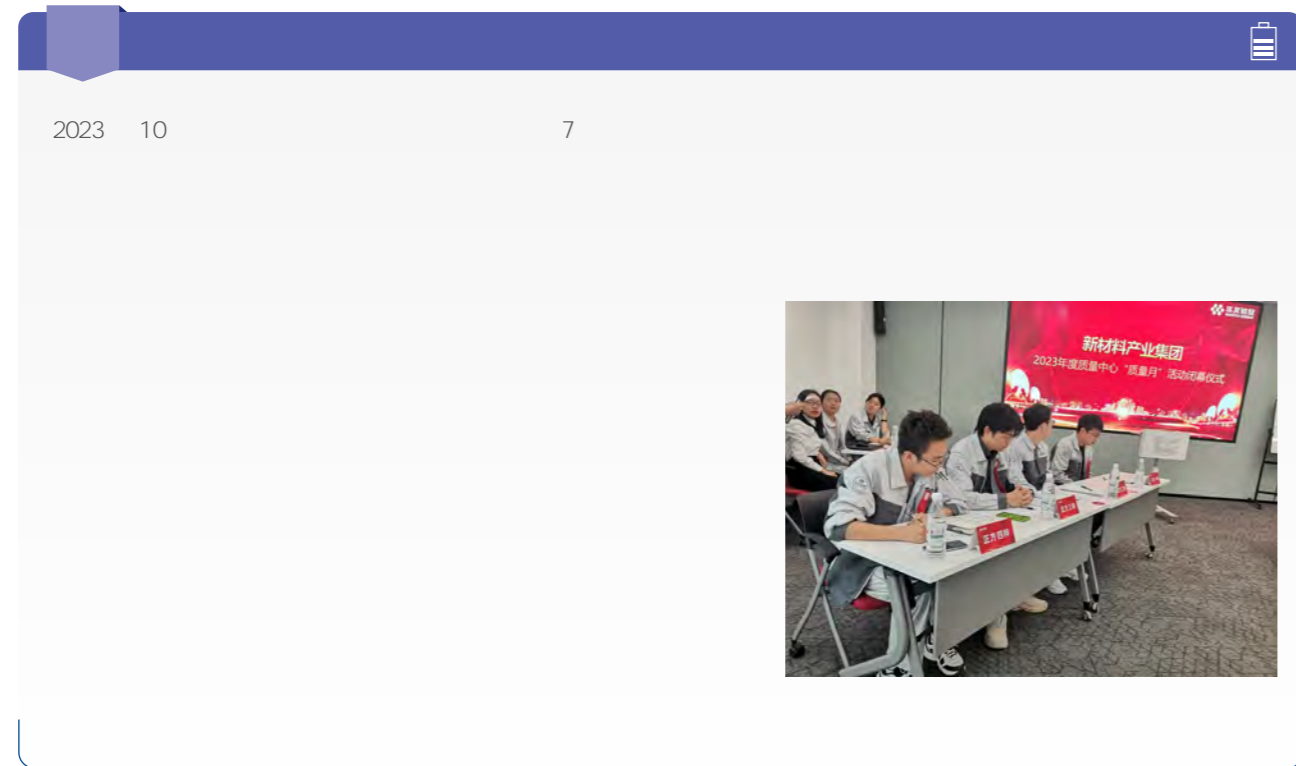
12

8

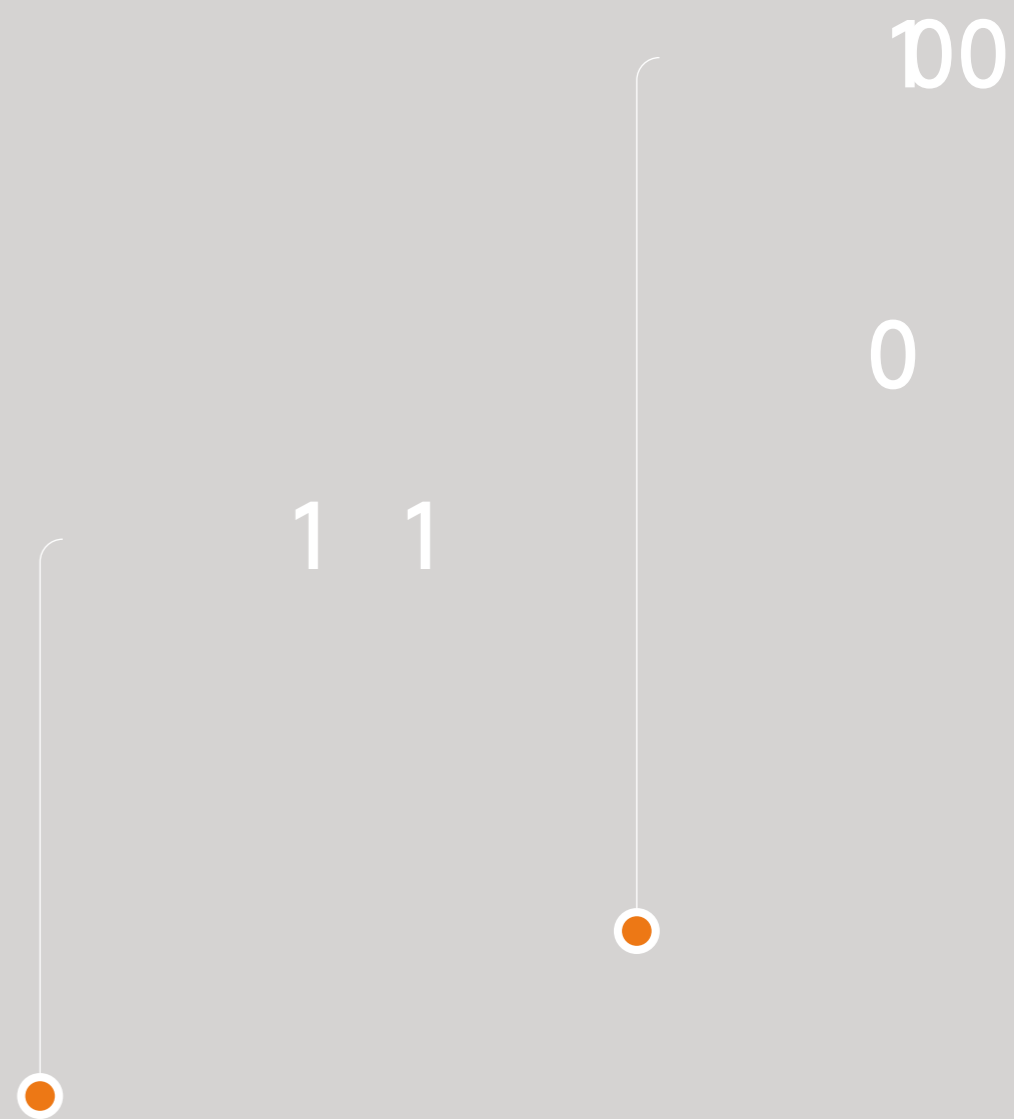
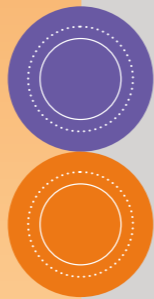
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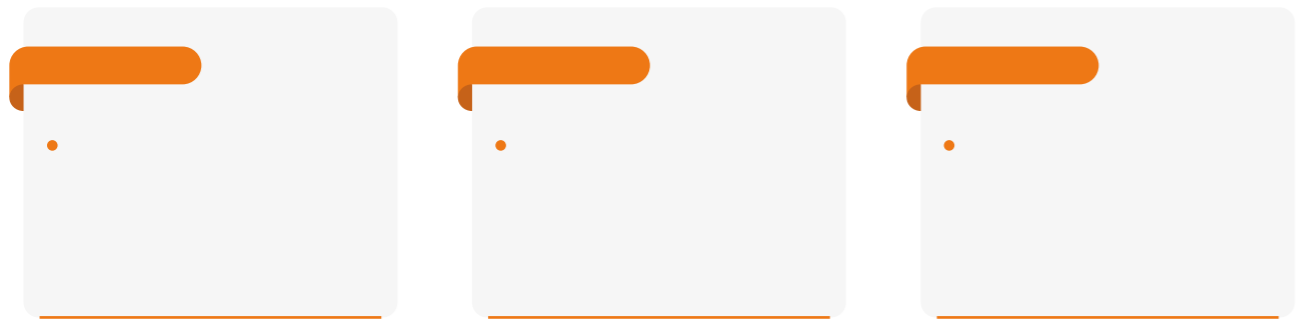
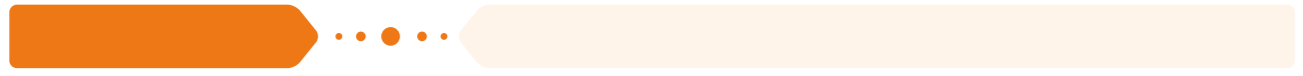
HOPPECKE





04 以人为本 员工共振





112

UGM ITB 13



15,140

12

100%

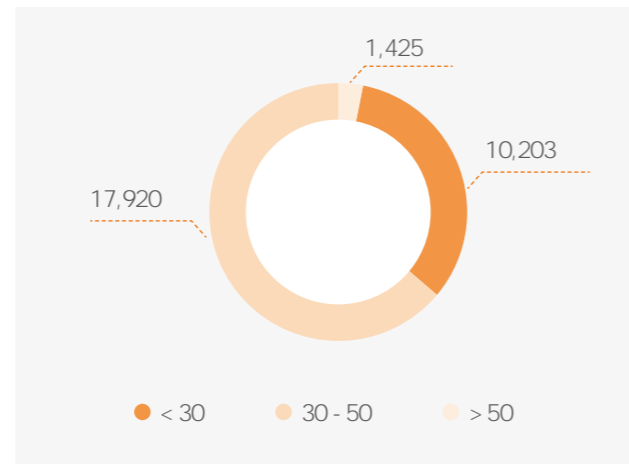
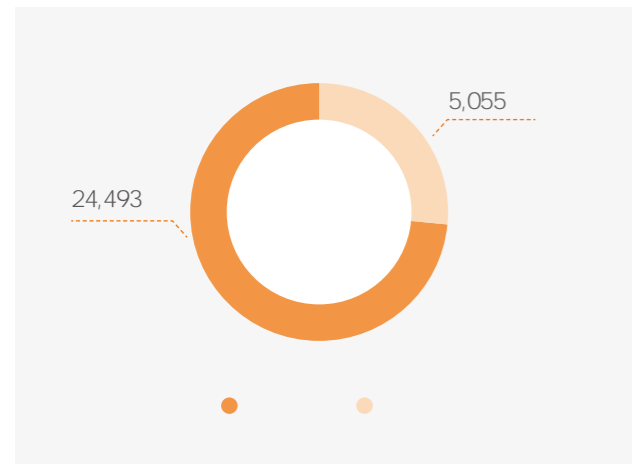
100%

	UGM	ITB	13
			112
			26
			3

	"	"	
			45

29,548 ¹³

2023



2023

2023

99.76%

82.36%

85.33%

82.13%

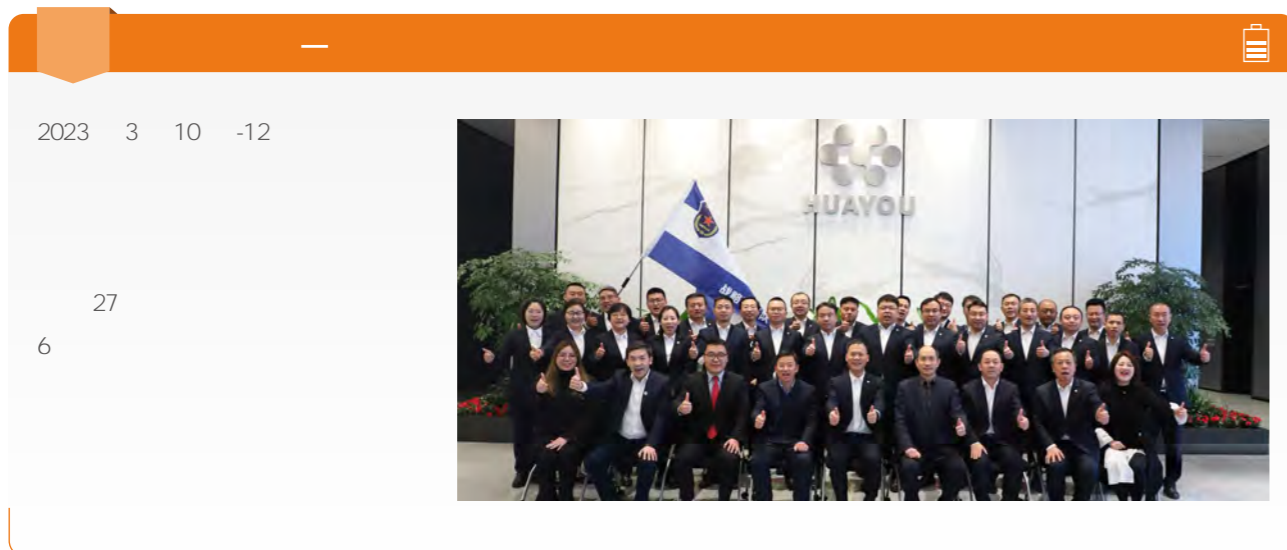
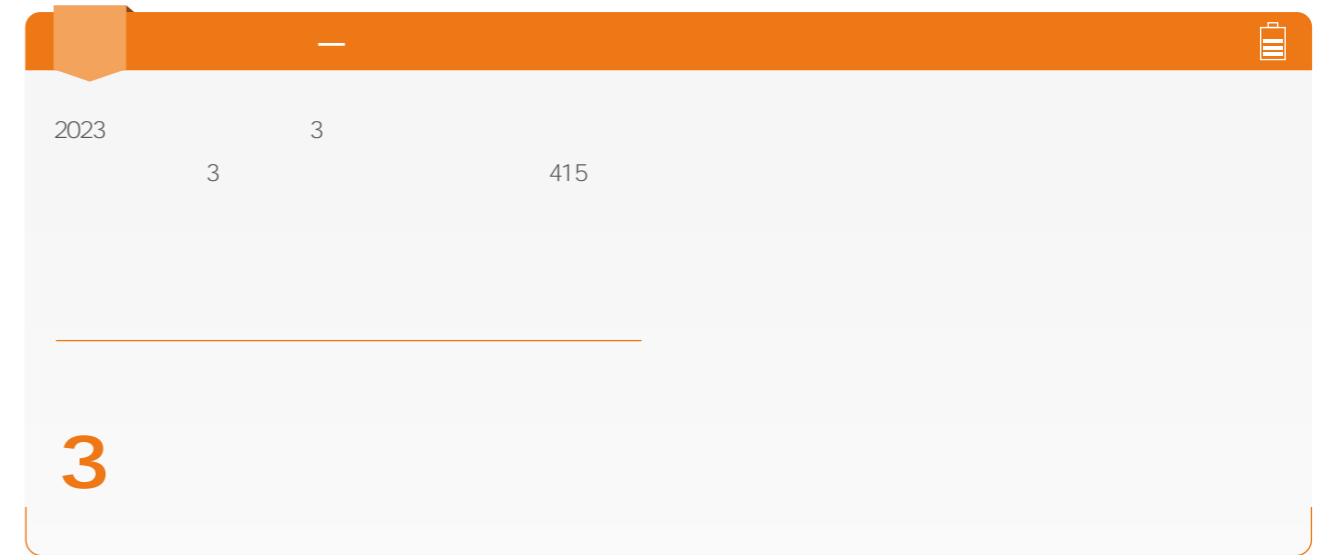
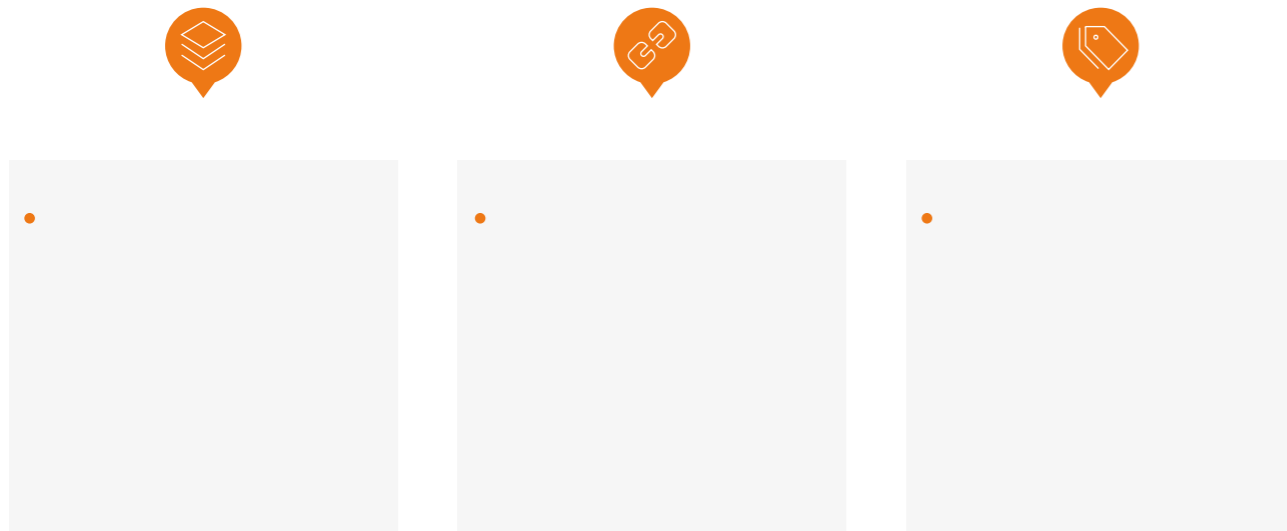
6.65	450
2022	4
2,500	2,500

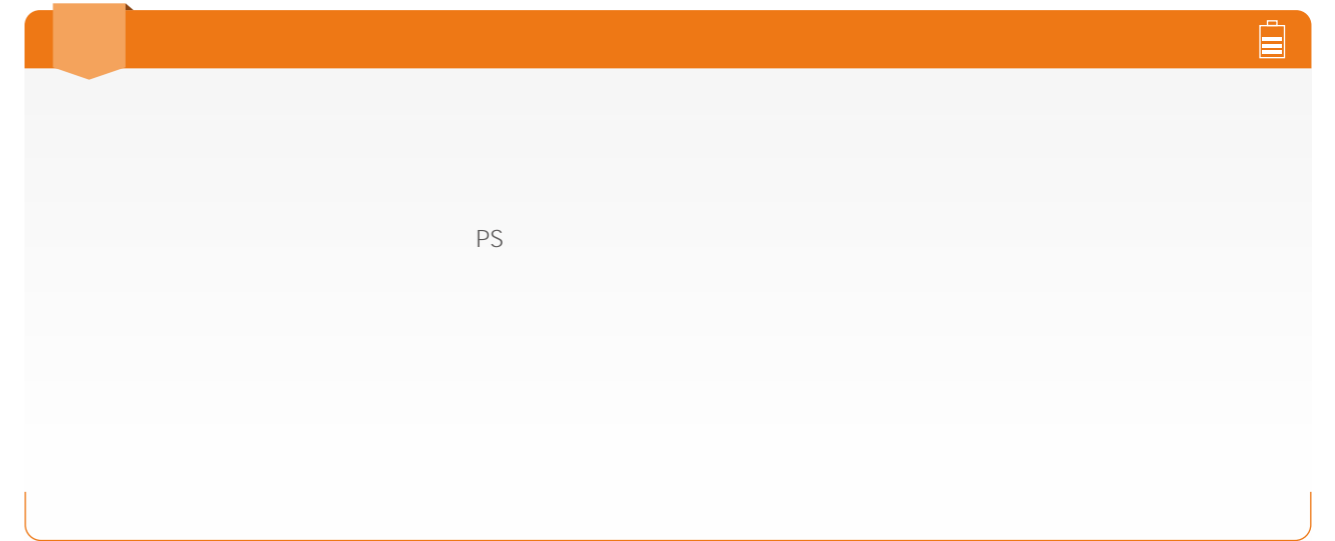
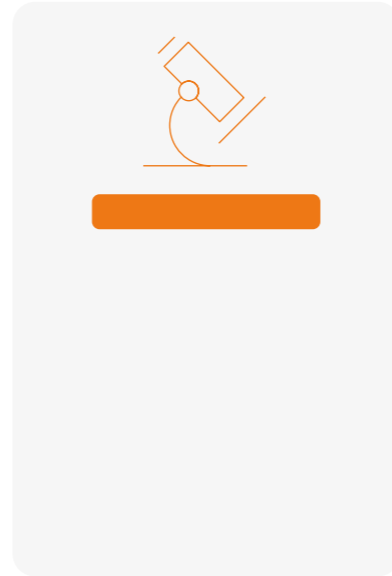
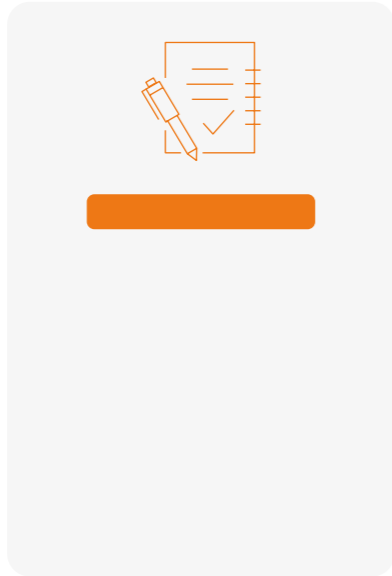
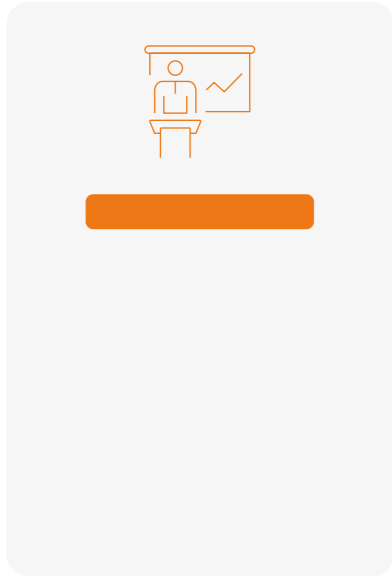
10,255

1,444



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SCM	" "
SCM	Lalomerui



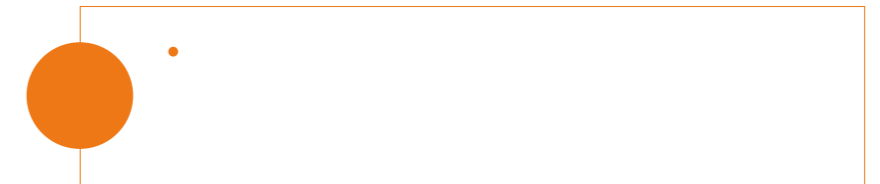
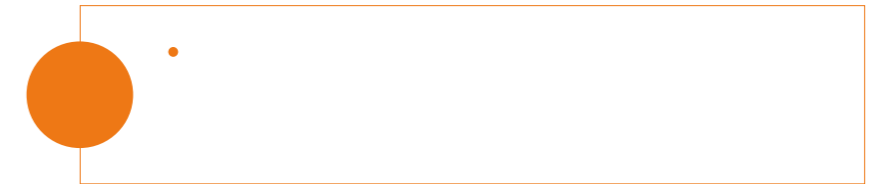


477.57

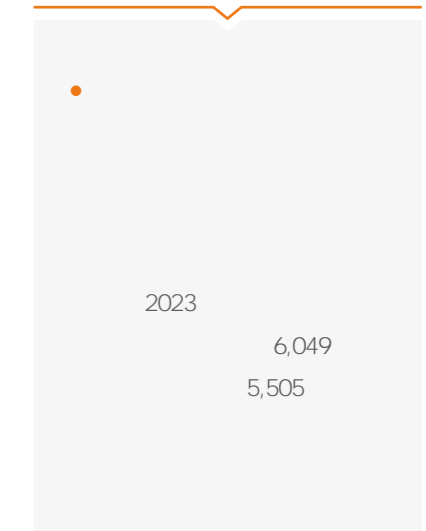
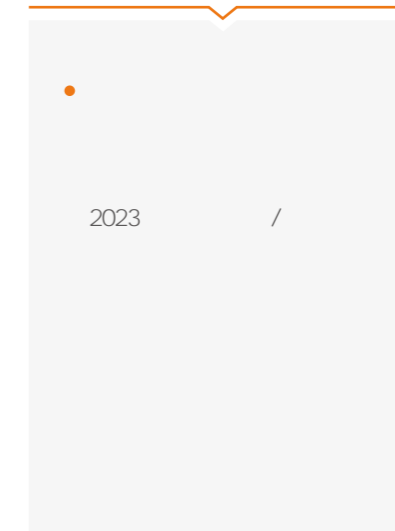
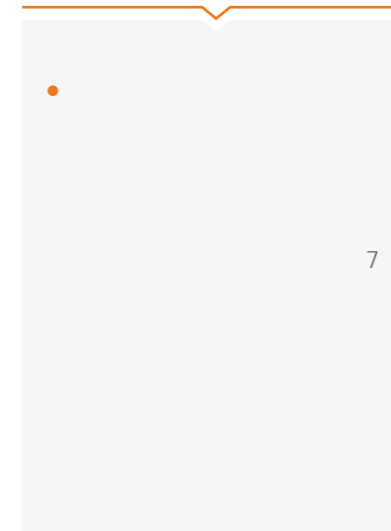
959,373.2

31.44

100%



&	• 2023		/
	•	/	
	• 2023	62	232





			2023
73	694		100%

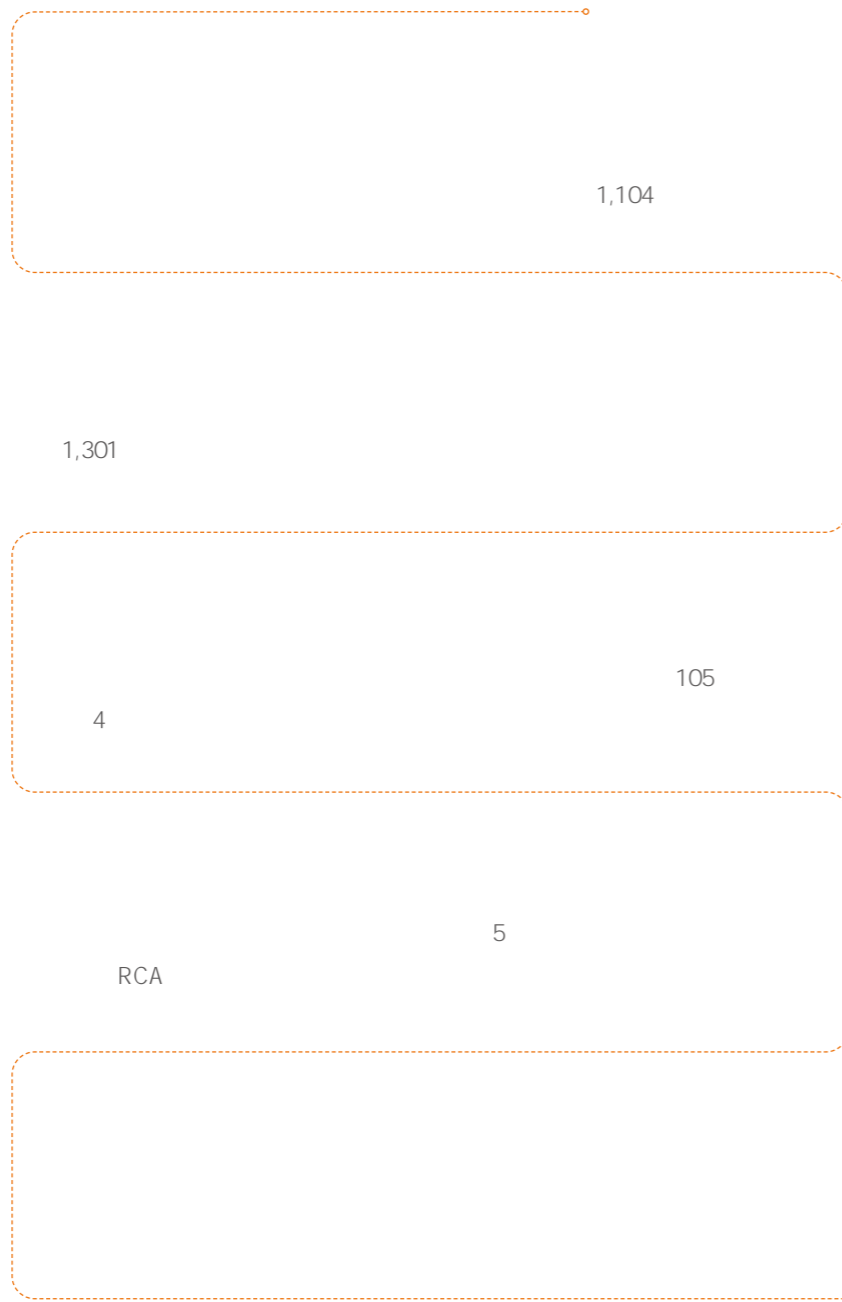
2023

ISO 45001

ISO45001

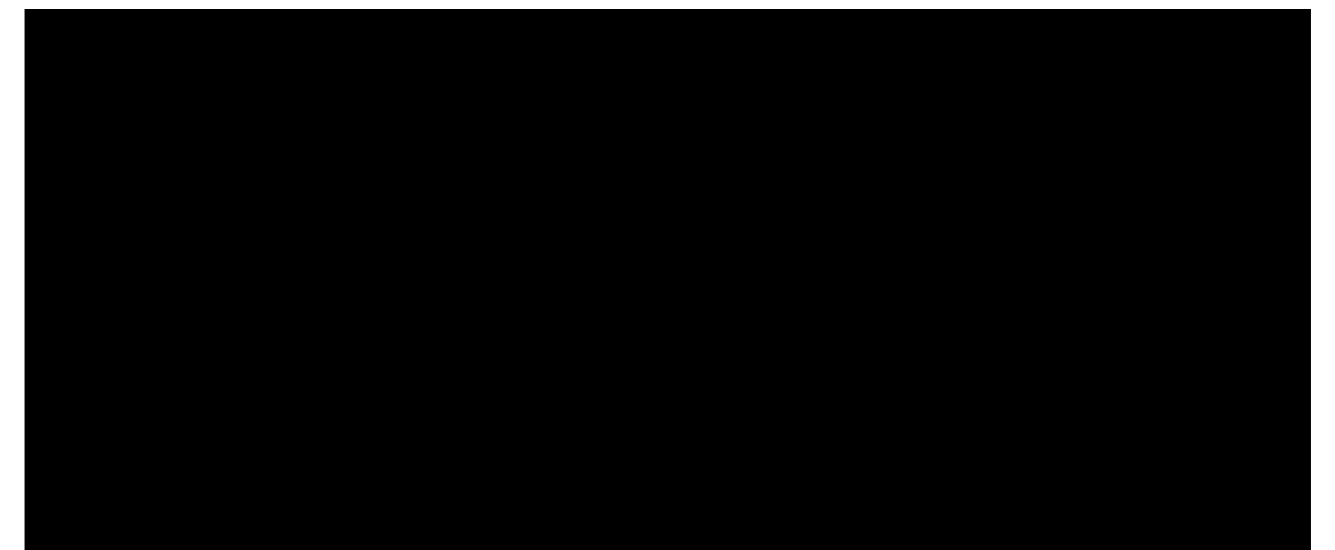
1.81

	2023
	1
	14,791.50
	31
LTIR	0.62
	296.63



24	14	49
2	85	218

2023



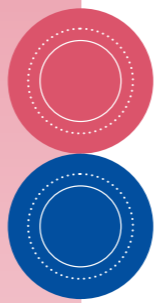
3 1

1,301

IMP					
2023	10	5	IMP	"	"

		2023			
144	3	5	10		
5,585					
18	1,681				
48					
568					
800					

05



		145.24
		115.24
		8.33
IPIP		
KNI		186.67
	8	
Vhuta Belmont Musuwo		573.81
	200	
Acs		39.77

2023

2023 10

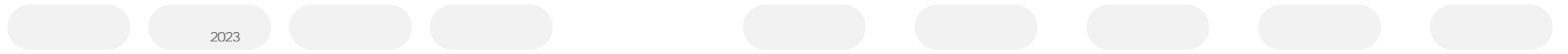


2022 12	20	2023 10
5000	"	183
"	" "	56
"	52	"
"	"	"
131	12.32	"

2023 " "



5	2023 " "
	200



2

2023

2023 1 19

4

20

2022	
	20

2023	
30	2023 3 5
	2023

2023 12 18	
	3
2023 12 26	

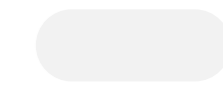
Ruwa 26.8KM	
Ruwa	PLZ

KAWAMA KASHIMBALA	
	2023 5 -12
KAWAMA	
	KASHIMBALA
	KASHIMBALA

		2023
		663.04
		33.51
		2023
	tCO ₂ e	171.72
	tCO ₂ e/	4.04
	tCO ₂ e/	1.5
	tCO ₂ e/	1.74
		117,139.60
		266,810.97
		53,149,280.80
		151,339.45
		1,985,222.22
		243,983.81
		11.90
		2.27
	%	34
		34,613,021.17
	/	522.04
		39,748,463.56
	%	53.45
		28,585,592.45
	/	4.31
COD		361.51
		17.53

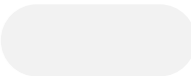
		2023
		21,846.23
		288.47
		3.54
SO ₂		1,944.87
NO _x		341.03
		21,953.52
	/	0.33
		3,997.81
		1,367,805.31
	/	20.63
		1,318,848.82
		260,46.3
		4.6
		4
		4
		2023
		1.81
		1
		14,791.50
		31
LTIR		0.62
		296.63
	%	100
		0

		2023
		2,771
		73
		695
		1,800
	%	100
		14.41
		4,689
		12
		2
		397
		226
		169
		3
		52
		29
		23
		8
		12
		4
		29,548
		15,426
		1,377
		9,985
		2,698
		62
		24,493
		5,055
30		10,203



		2023
30	50	17,920
50		1,425
	%	99.76
	%	85.33
	%	82.36
	%	82.13
		10,255
		1,444
		959,373.2
		31.44
		477.57
	%	98.38
		500,281
/	%	100
		1,069.06
		2023
		3
		4
		5
		22
		13
		4
		178
		48
		5,375
		869
		30,017



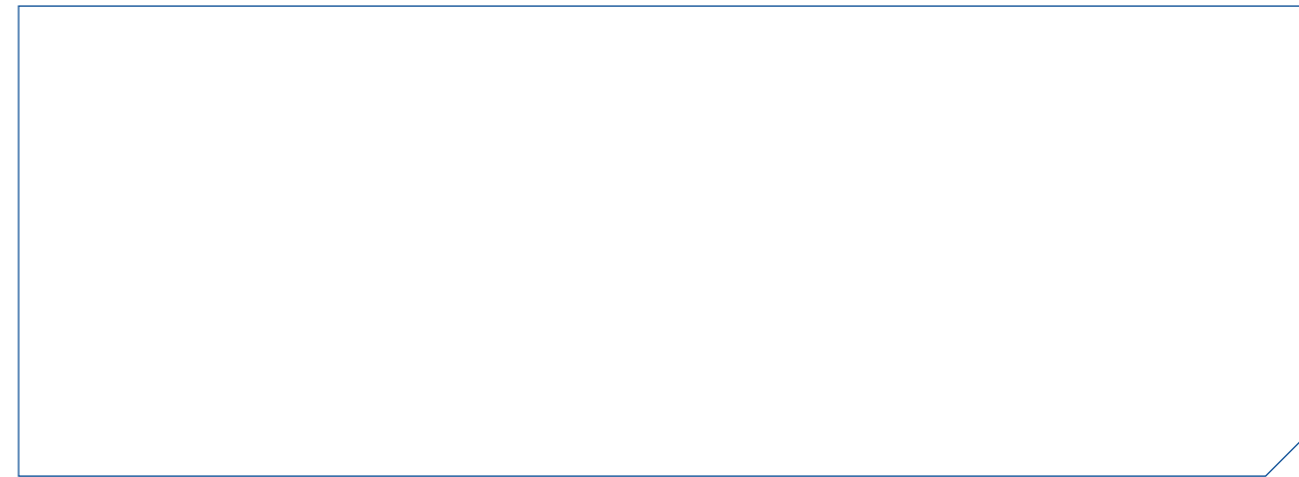


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