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1	63
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# MANAGEMENT MESSAGE

2022

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ESG

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# CHAPTER 1

1.1

1.2

1.3 ESG





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630 /

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7.65

ESG

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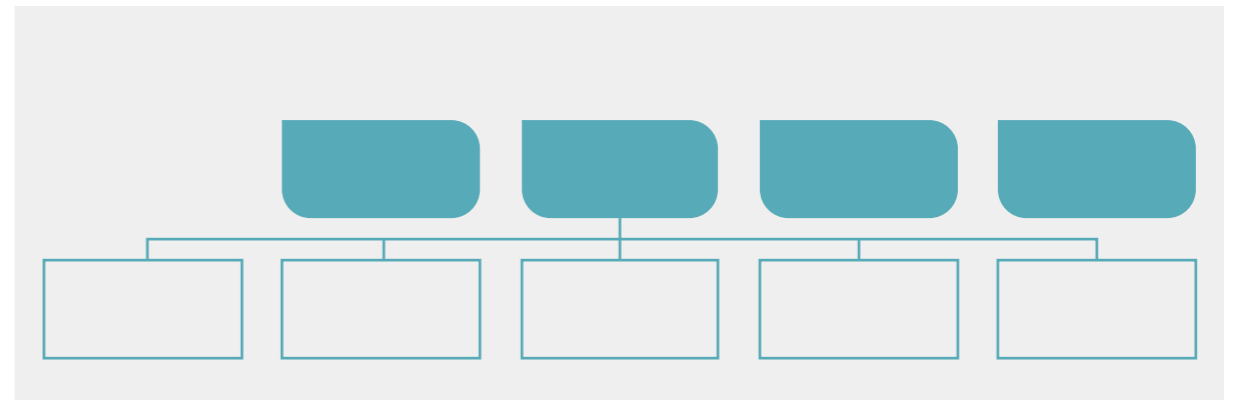
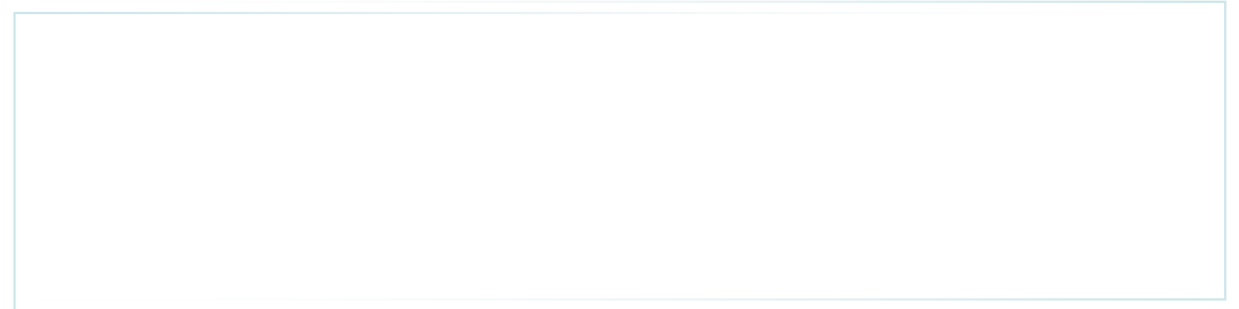
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	2022	TOP50	
	2022	TOP100	
	2022	TOP100	
	2022	TOP50	
	2022	42	
		50	
			20
	2022		
	"	"	
		2022	
	"	2022	"

## 1.2



			9		3	33.3%	2
22.2%		21		73			
			49			✓	✓
			57			✓	✓
			41			✓	✓
			61			✓	✓
			55			✓	✓
			54			✓	✓
			65			✓	✓
			65			✓	✓
			55			✓	✓



02





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ESG 16 GRI MSCI ESG



16 ESG

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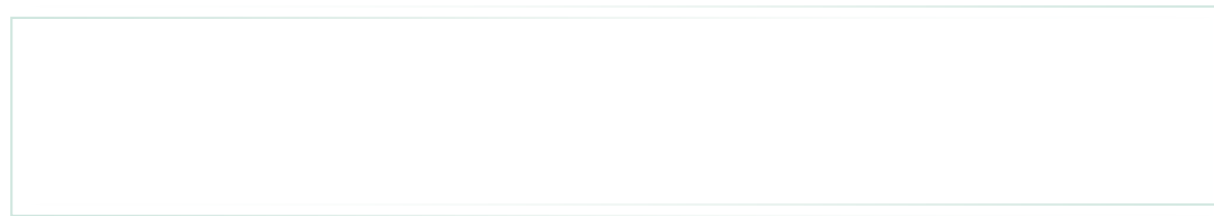
# CHAPTER 2

2.1

2.2

2.3

# 2.1



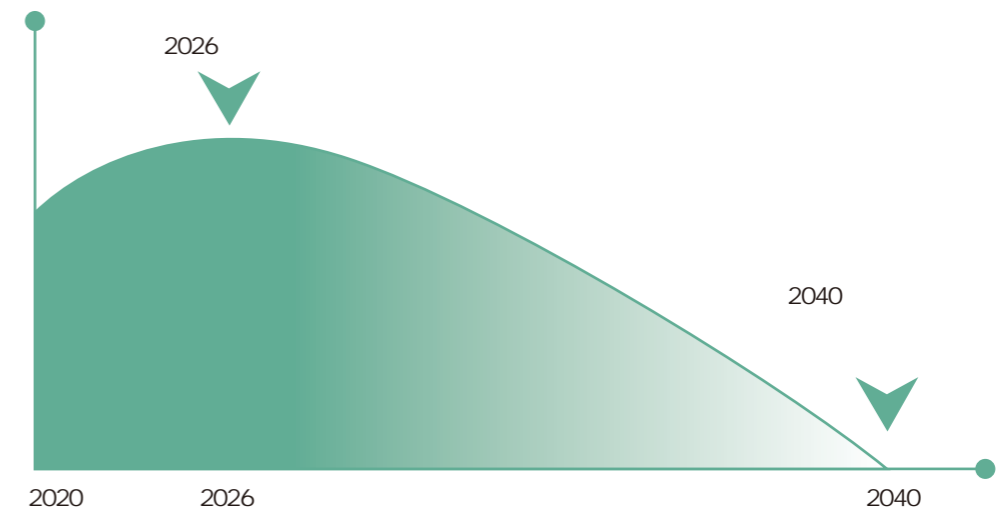
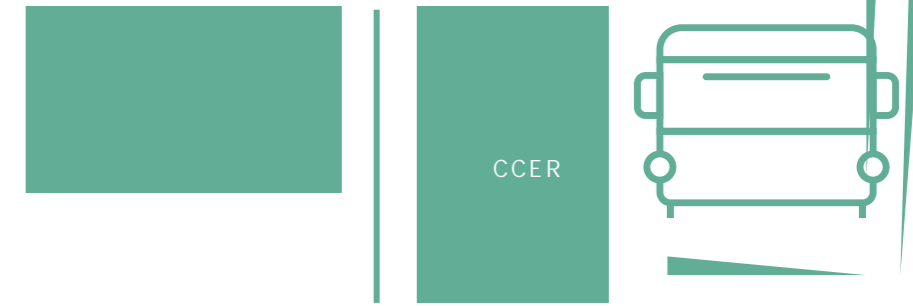
2016 1.5 2020 9 2060 2040 2021 2 2030



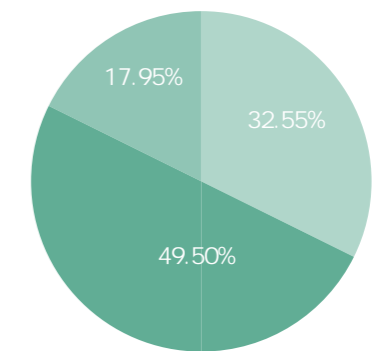
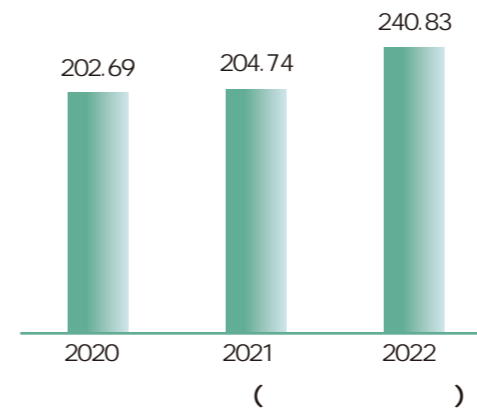
" 2040 "

(GHG Protocol)

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14



2022

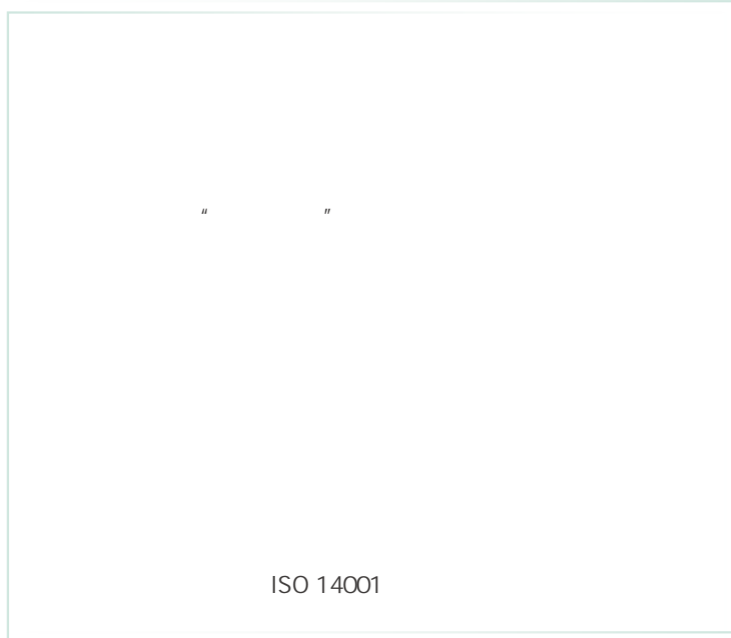


2021 7

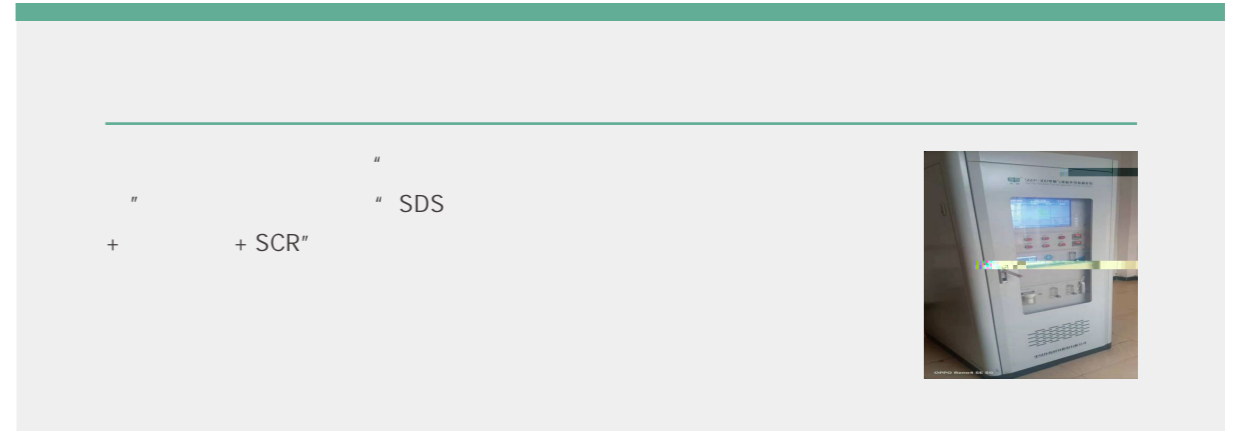
2022 1

4

# 2.2



ISO 14001

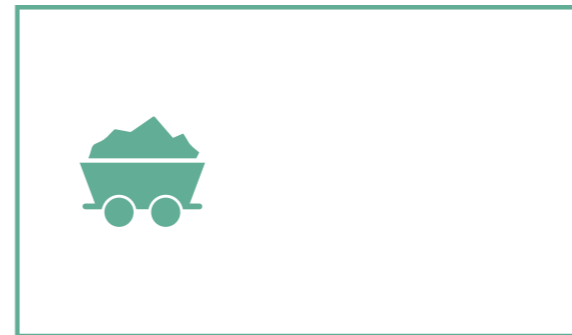


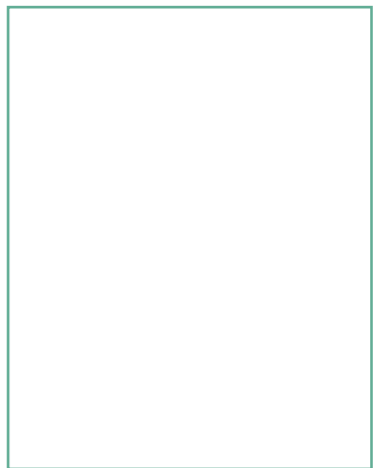
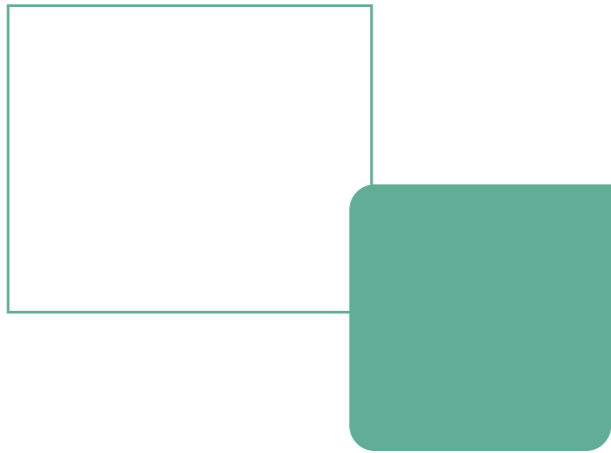
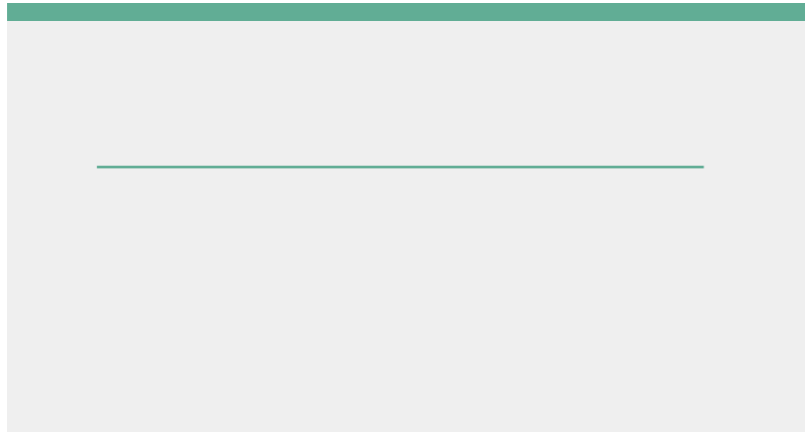
(PM)

(VOCs)

(SO<sub>2</sub>)

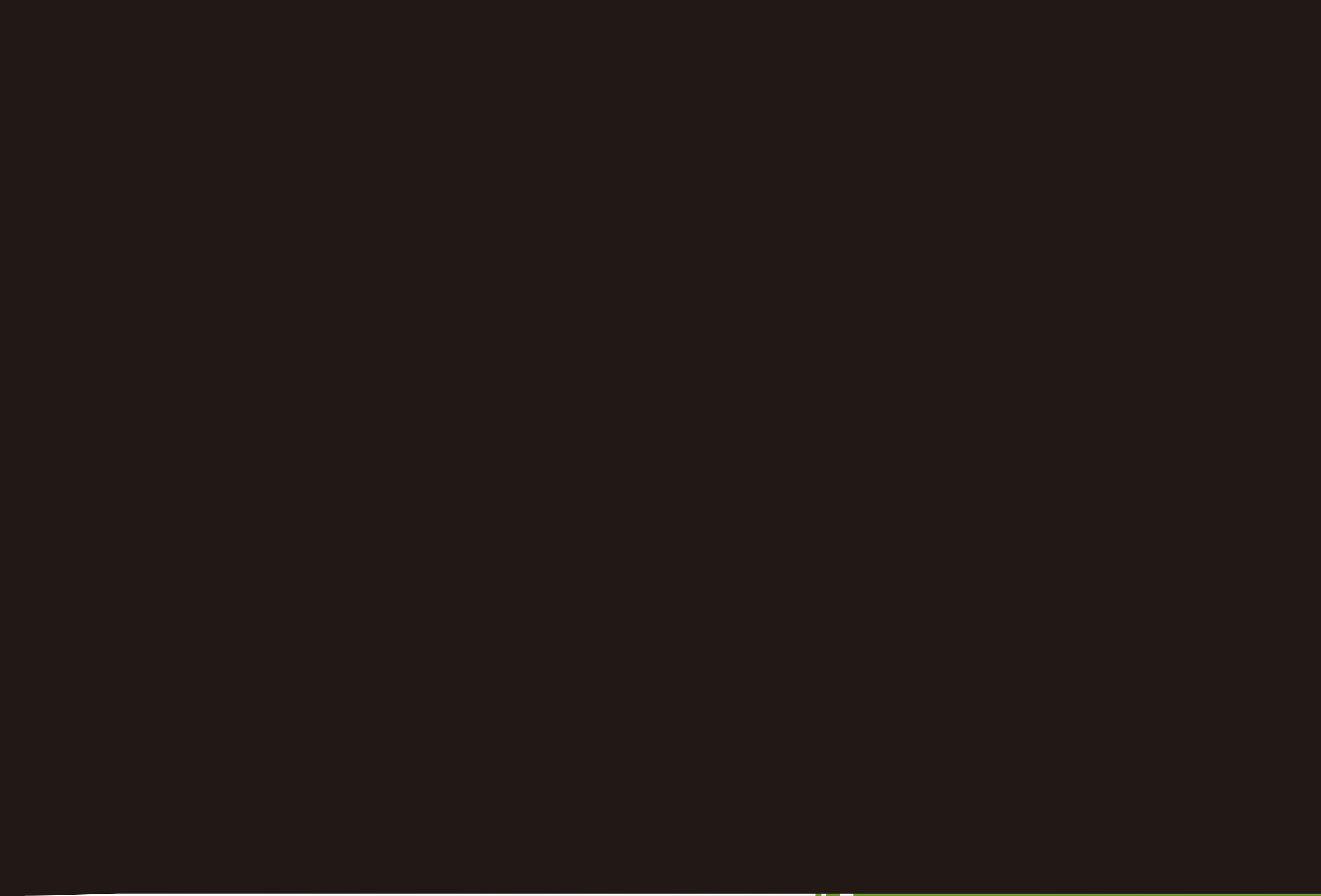
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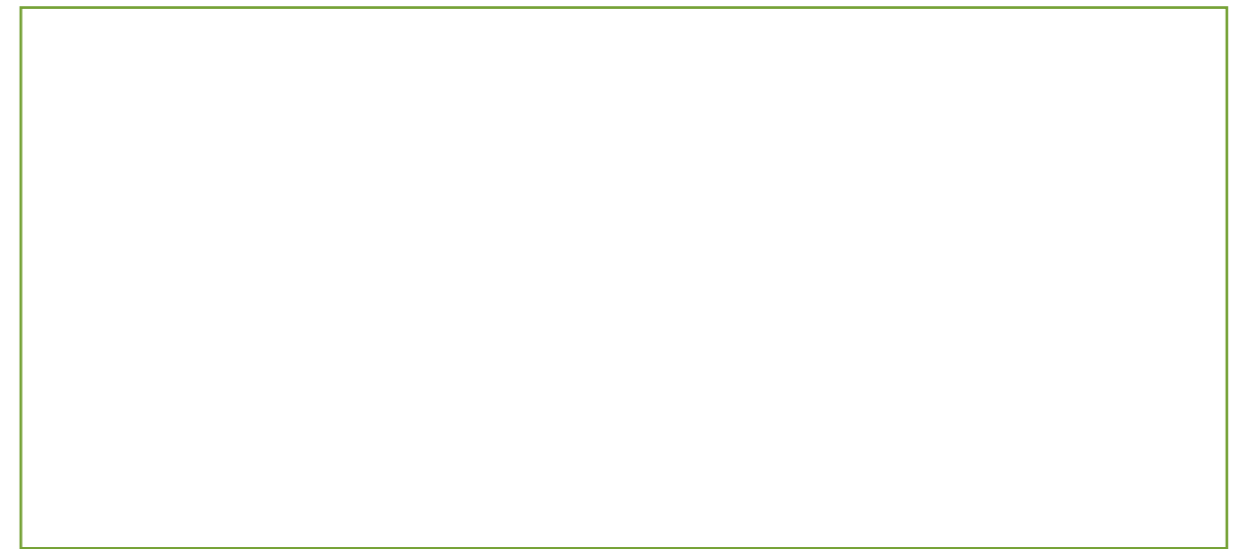




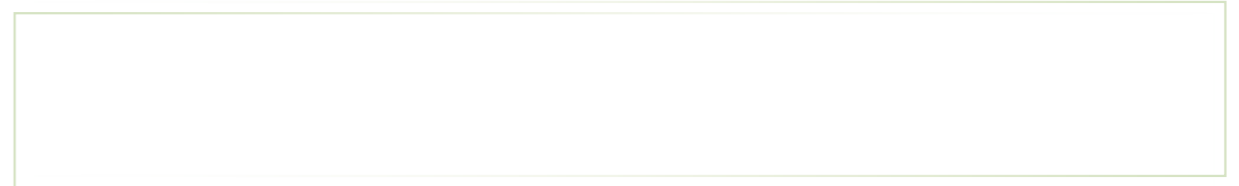






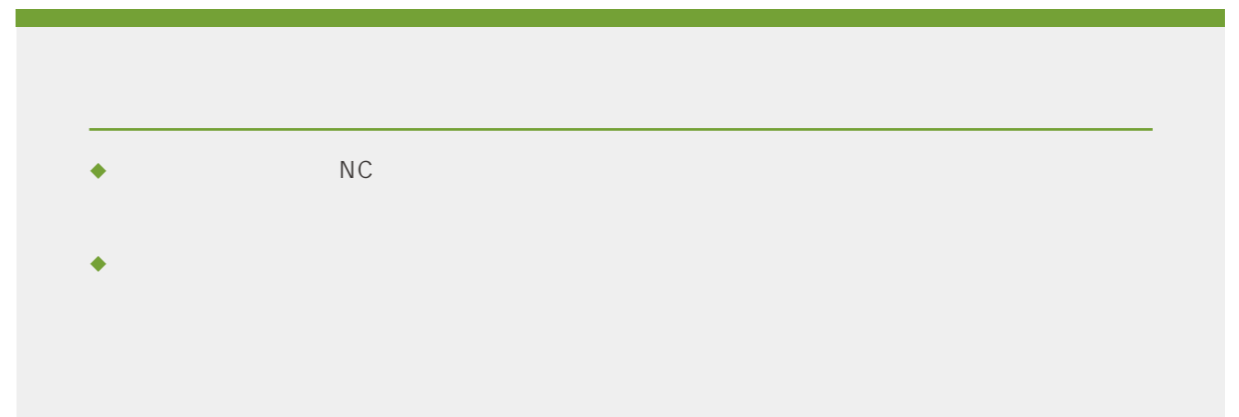
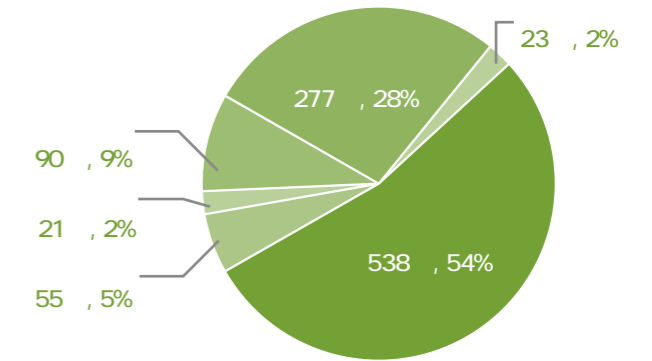


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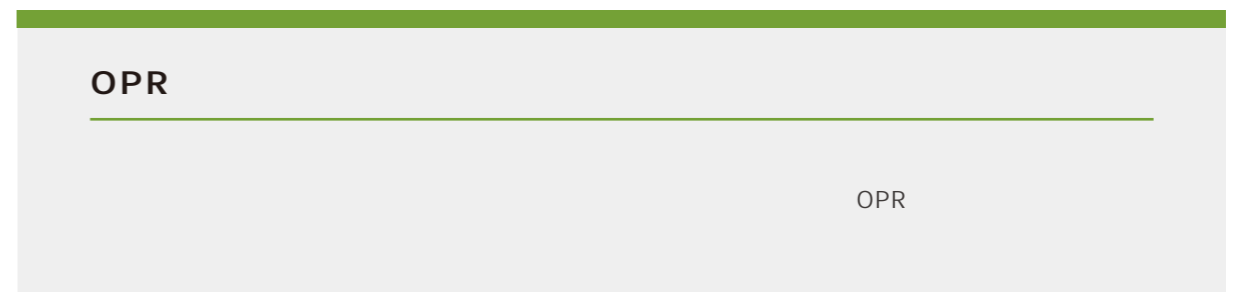


ISO 9001 ISO 14001 ISO 45001

1,004



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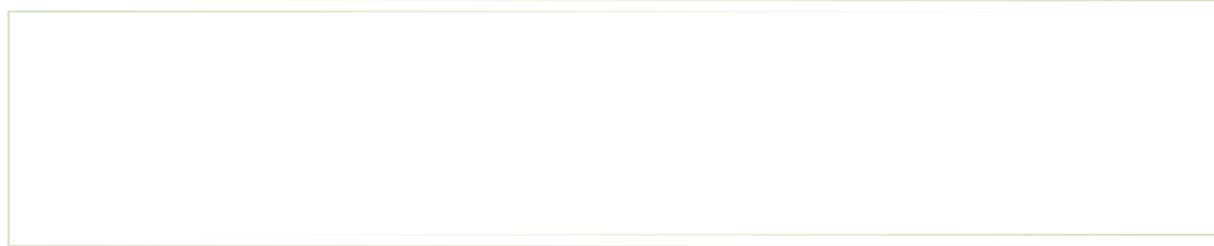
OPR



ISO 9001

ITAF 16949

# 3.4



# CHAPTER 4

4.1

4.2

4.3

4.4

4.5





457      5,615.95

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## 4.2

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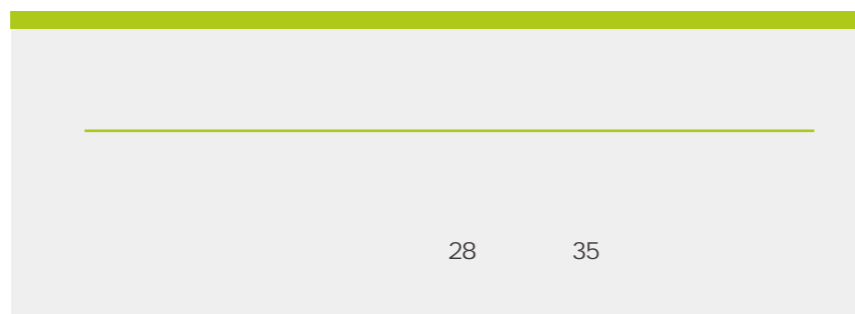
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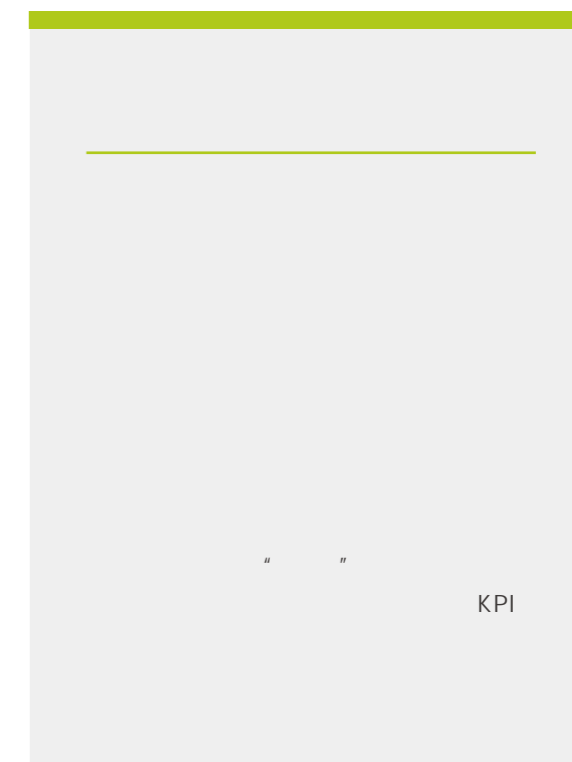
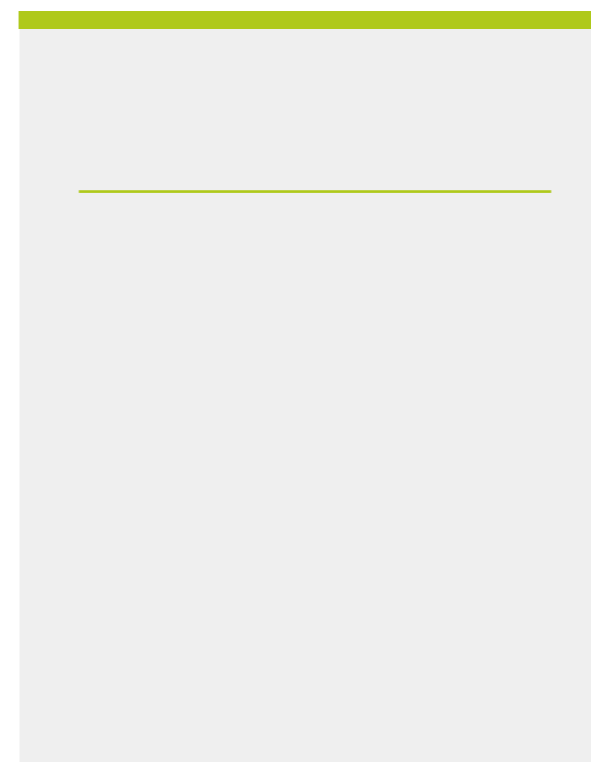
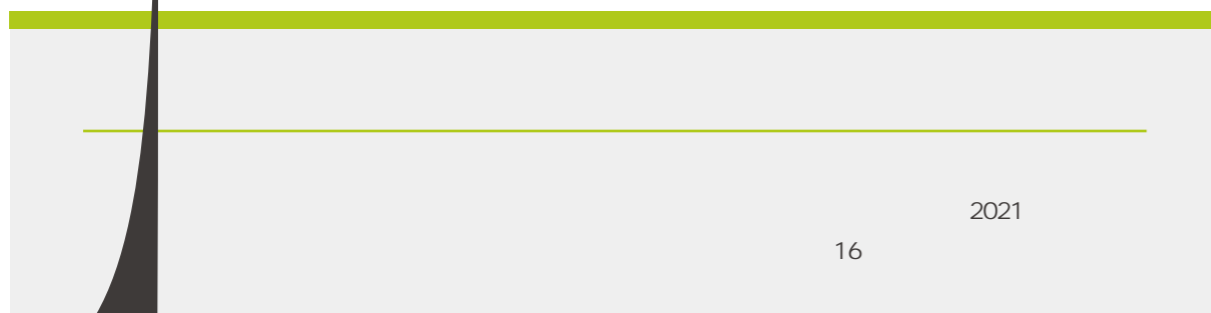
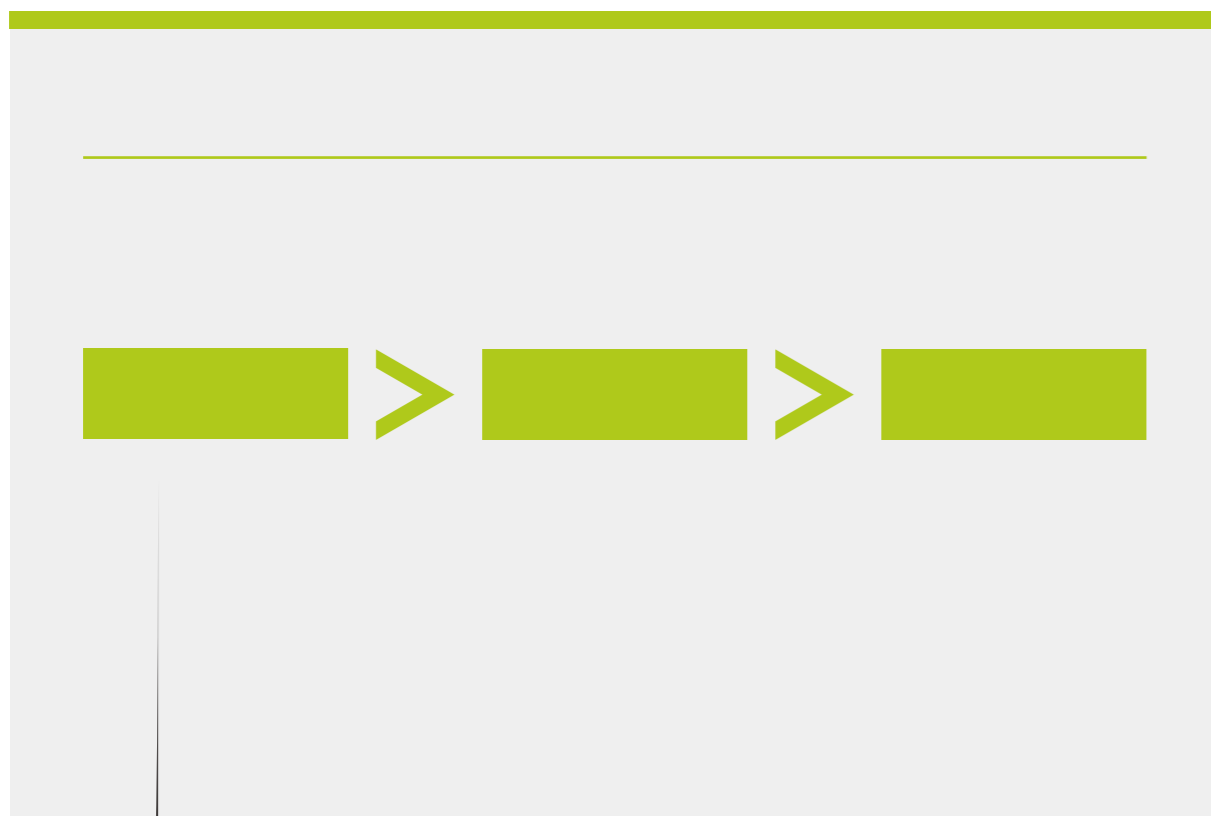
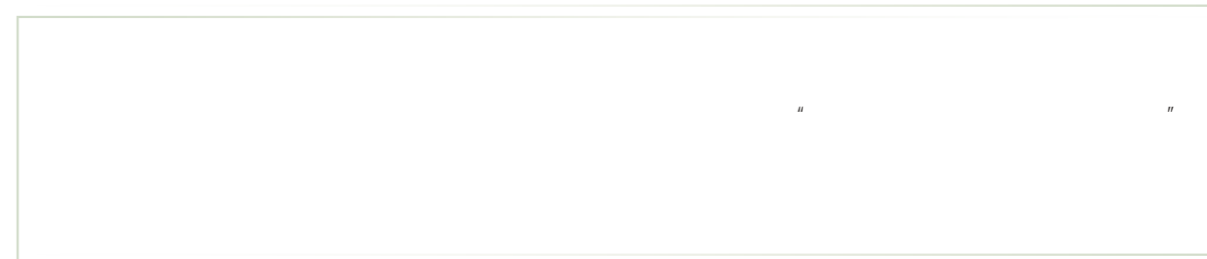
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### 4.3



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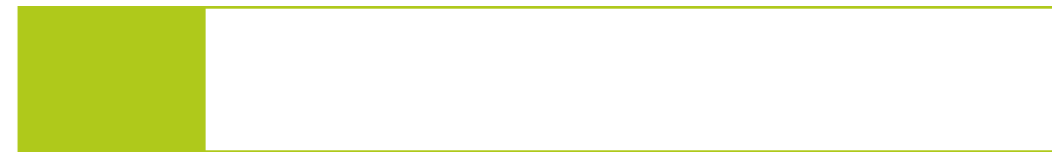
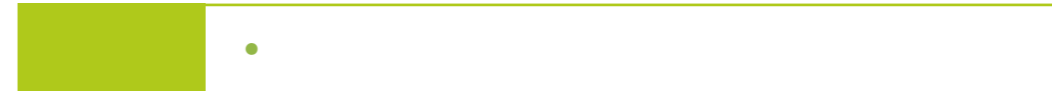
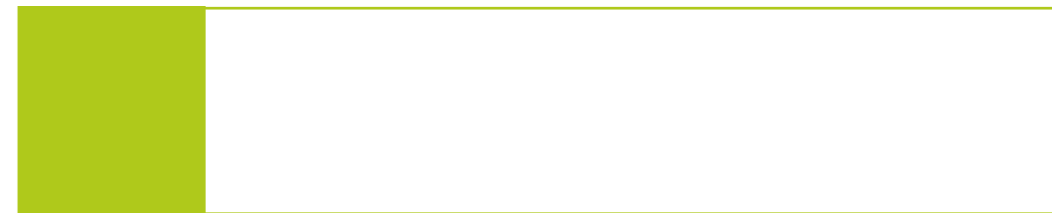
36

2025



ISO 45001

ISO 45001







## 1.1

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	4,196,119.63	
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	30.06	
	51.29	
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	783,800.72	
	575.37	
	2,527.27	
	4,881.27	
	775,816.81	
	1,192,104.99	
	730,531.83	
	461,573.16	
	432,351.11	
+ +	2,408,256.83	
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	1,963,600.00	
	8,200,140.63	
	1,764,294.10	
	1,576,122.10	
	188,172.00	
	1,443,800.70	
	1,318,921.96	
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公司

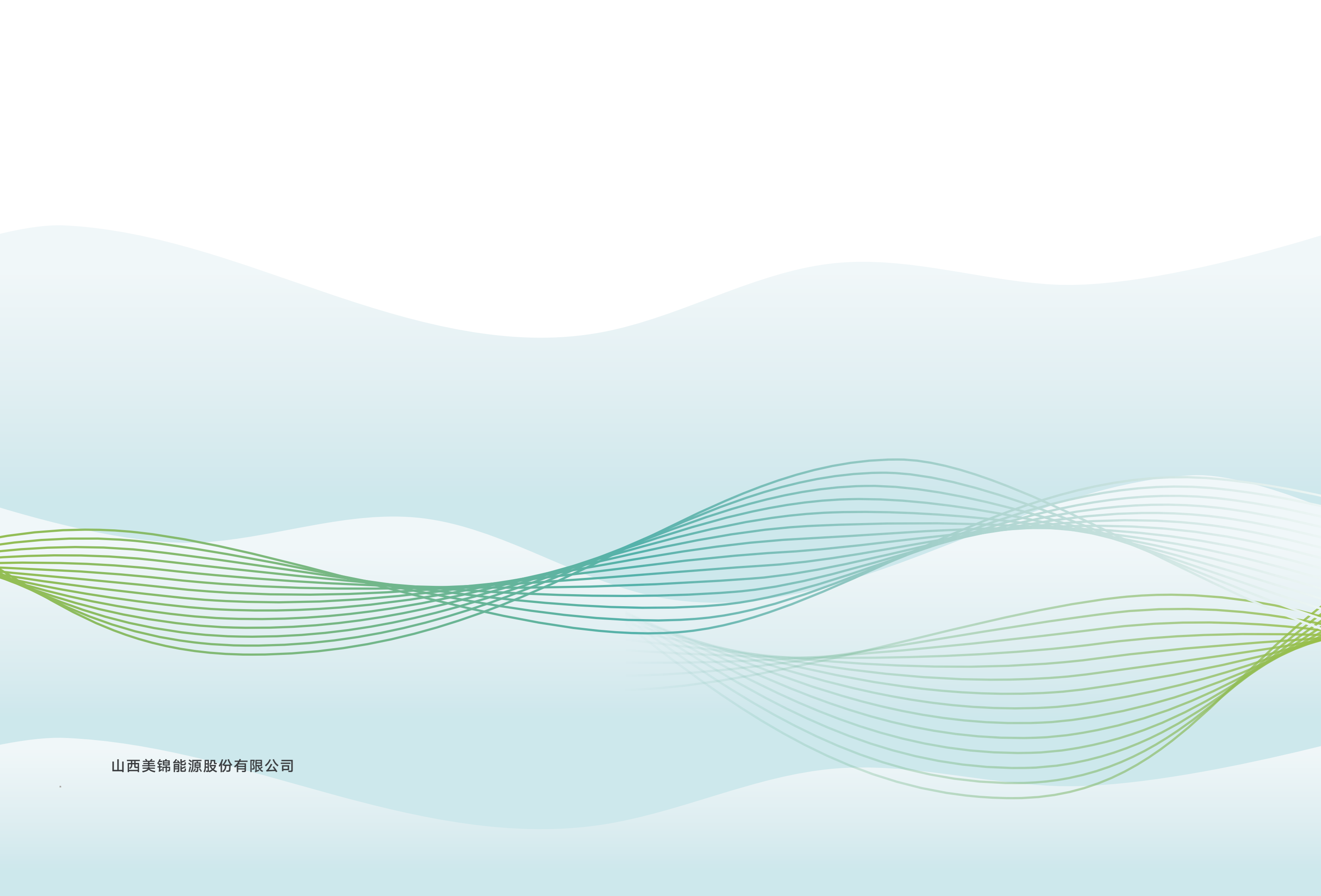
52

GRI			
GRI 201 2016			
3-3		ESG	10
201-1			10
201-2			27-30
201-3			51
GRI 202 2016			
3-3			10
202-2			49-50
GRI 203 2016			
3-3			62
203-1			62
203-2			62
GRI 204 2016			
3-3			44
204-1			44
GRI 205 2016			
3-3			19-20
205-1			19-20
205-2			19-20
205-3			19-20

GRI			
GRI 301 2016			
3-3			29-30 44
301-1		1.1	63-65
301-2		1.1	63-65
301-3		1.1	63-65
GRI 302 2016			
3-3			31-33
302-1		1.1	63-65
302-2		1.1	63-65
302-3		1.1	63-65

302-4			27-33
302-5			27-33
GRI 303 2018			
3-3			32-33
303-1			32-33
303-2			32-33
303-3			32-33
303-4			32-33
303-5		1.1	63-65
GRI 304 2016			
3-3			34
304-1			34
304-2			34
304-3			34
GRI 305 2016			
3-3			31-33
305-1	1	1.1	63-65
305-2	2	1.1	63-65
305-3	3	1.1	63-65
305-4		1.1	63-65
305-5			27-30
305-6	ODS	1.1	63-65
305-7	(NOx) (SOx)	1.1	63-65
GRI 306 2020			
3-3			33
306-1			33
306-2			33
306-3		1.1	63-65
306-4		1.1	63-65
306-5		1.1	63-65
GRI 308 2016			
3-3			44
308-1			44
308-2			44





山西美锦能源股份有限公司