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1 63
2 GRI 66



CHAPTER 1

1.1

1.2

1.3 ESG



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100%

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7.65

ESG

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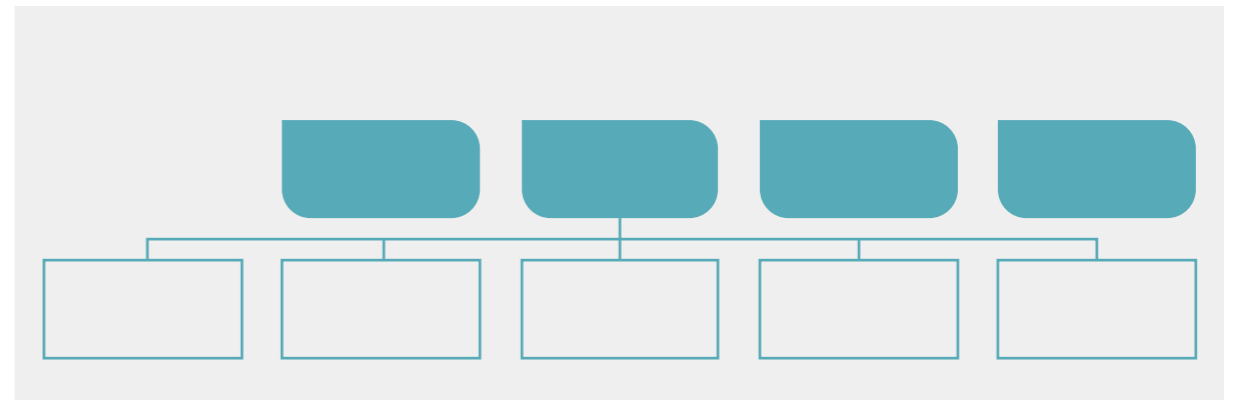
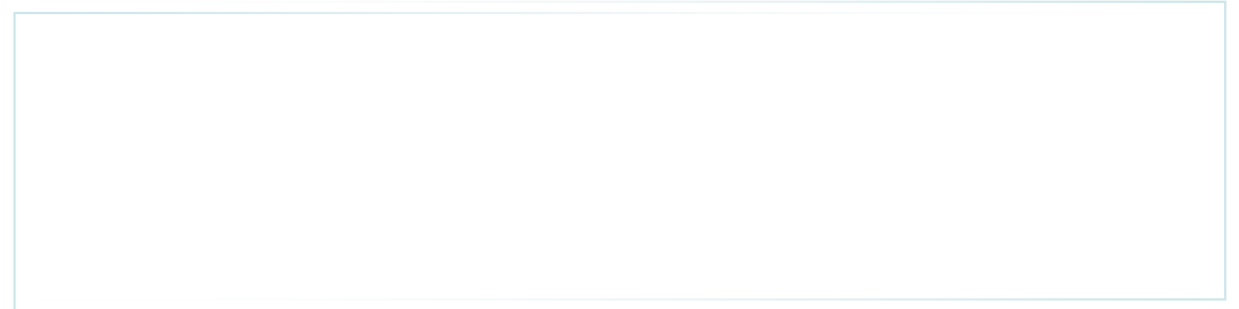
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| | | | |
|--|------|--------|----|
| | 2022 | TOP50 | |
| | 2022 | TOP100 | |
| | 2022 | TOP100 | |
| | 2022 | TOP50 | |
| | 2022 | 42 | |
| | | 50 | |
| | | | |
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| | | | 9 | | 3 | 33.3% | 2 |
| 22.2% | | 21 | | 73 | | | |
| | | | | | | | |
| | | | 49 | | | ✓ | ✓ |
| | | | 57 | | | ✓ | ✓ |
| | | | 41 | | | ✓ | ✓ |
| | | | 61 | | | ✓ | ✓ |
| | | | 55 | | | ✓ | ✓ |
| | | | 54 | | | ✓ | ✓ |
| | | | 65 | | | ✓ | ✓ |
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| | | | 55 | | | ✓ | ✓ |





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ESG

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CHAPTER 2

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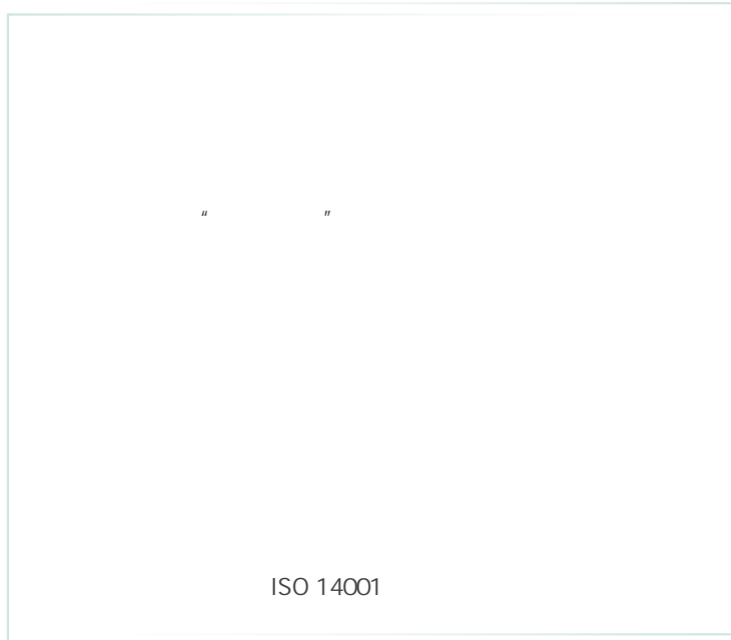


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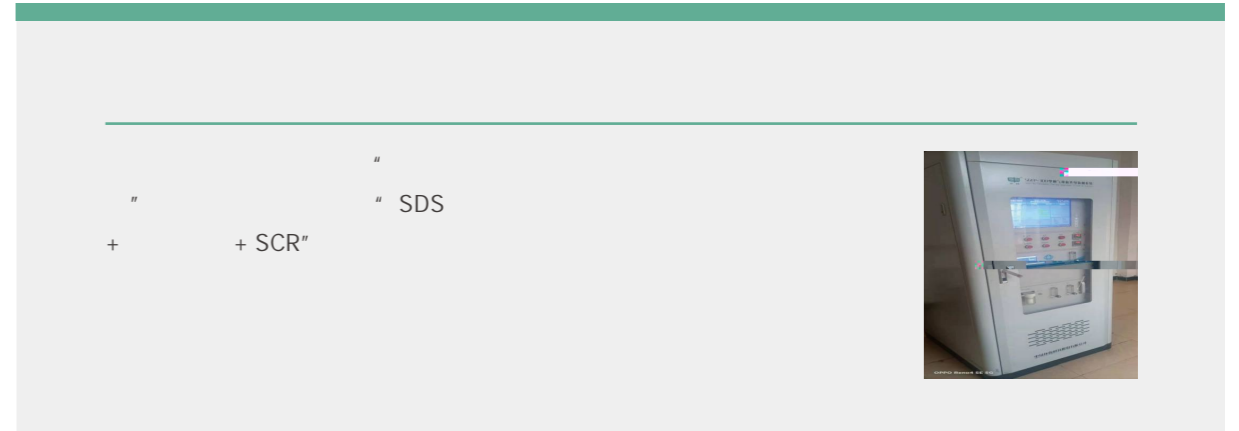
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2.2



ISO 14001

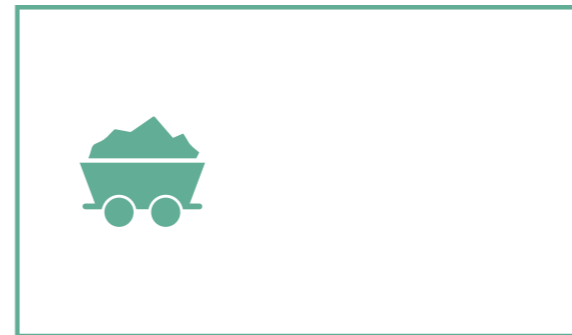


(PM)

(VOCs)

(SO₂)

(NOx)







41

贵州(美)能源)六枝煤—昆—滇综合利用示范项目

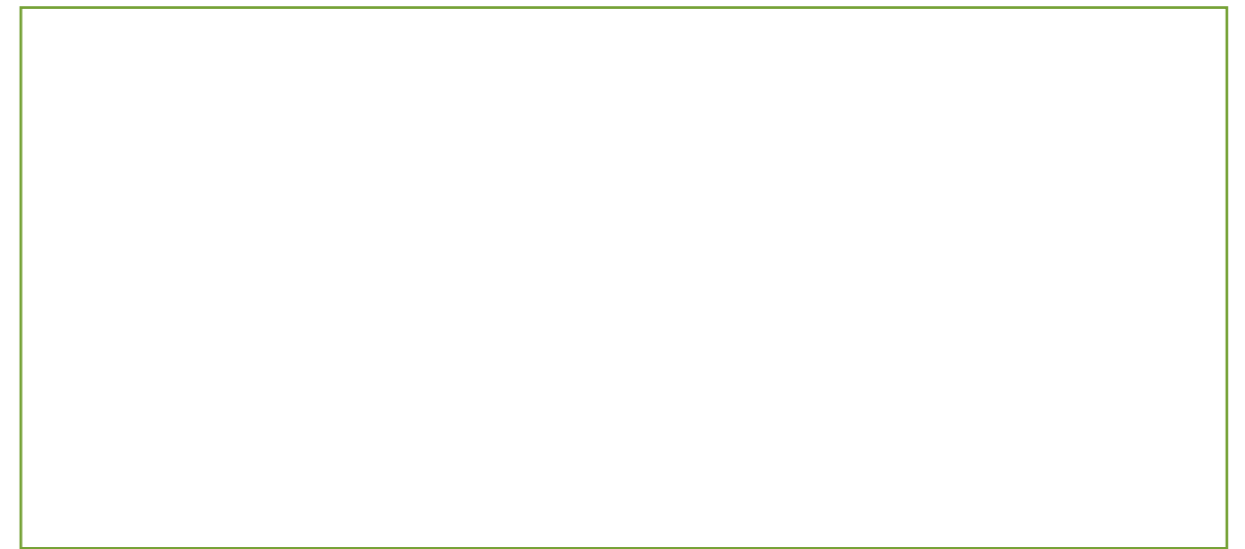
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270

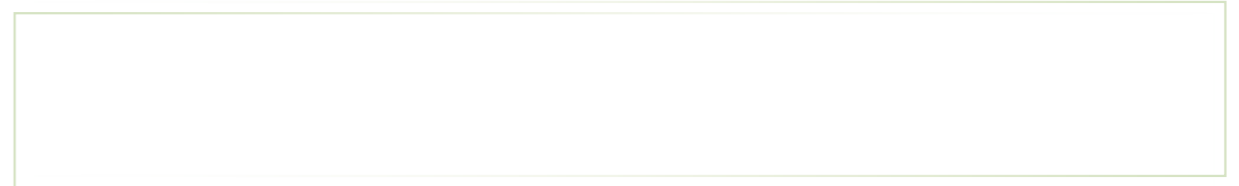


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2018 8

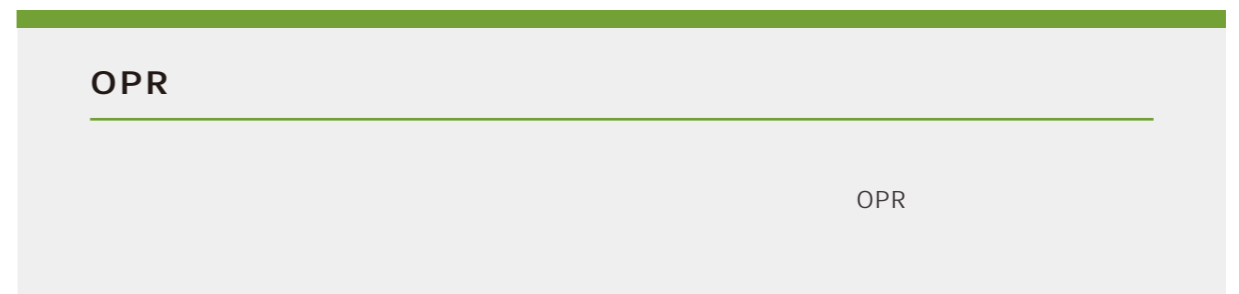
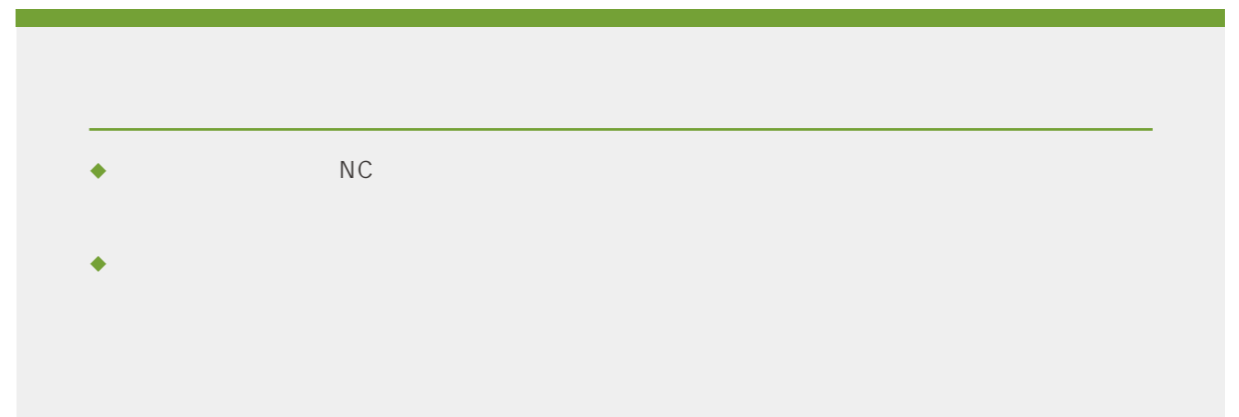
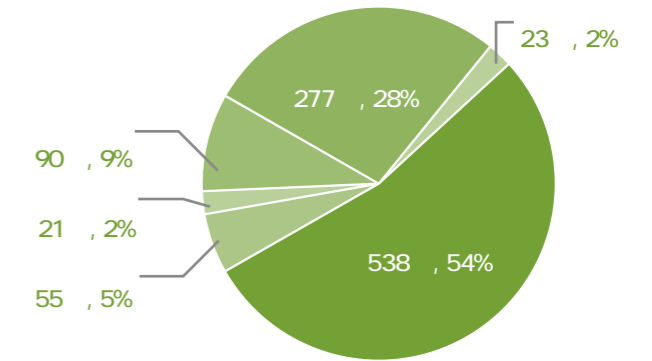


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ISO 9001 ISO 14001 ISO 45001

1,004

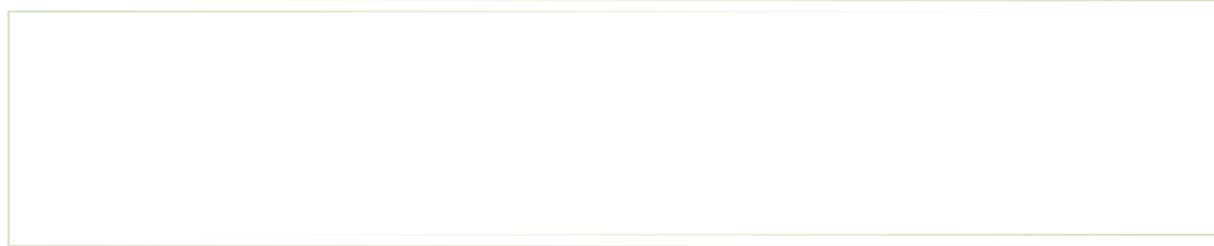


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ISO 9001



3.4



CHAPTER 4

4.1

4.2

4.3

4.4

4.5



4.2



1,013

18,139

208,471

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208,471

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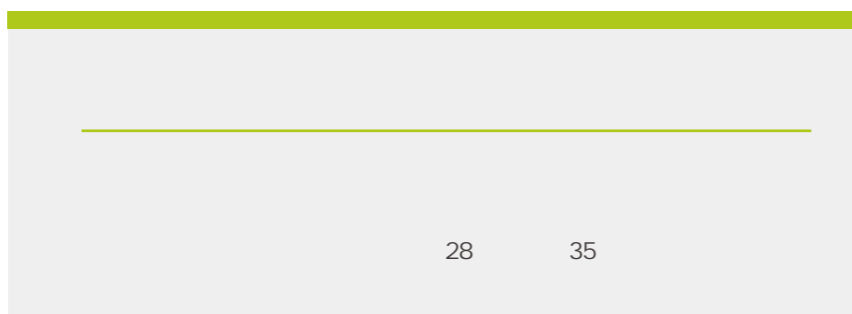
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山西美锦能源股份

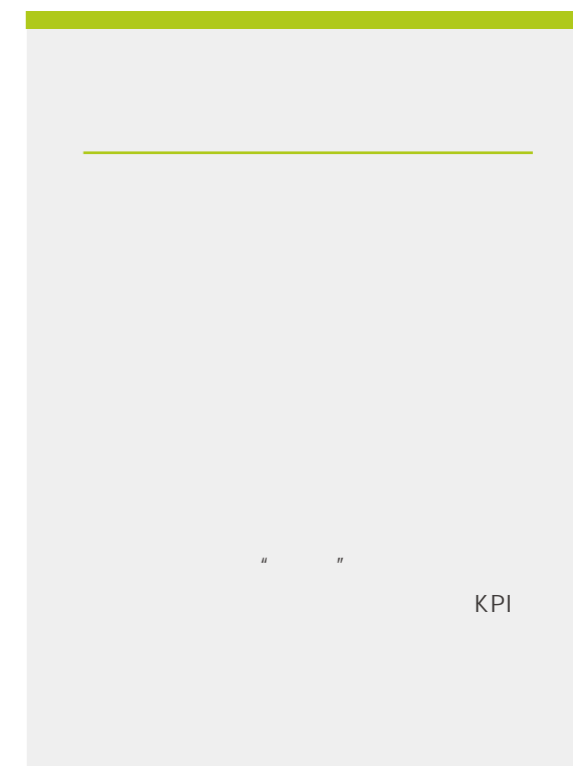
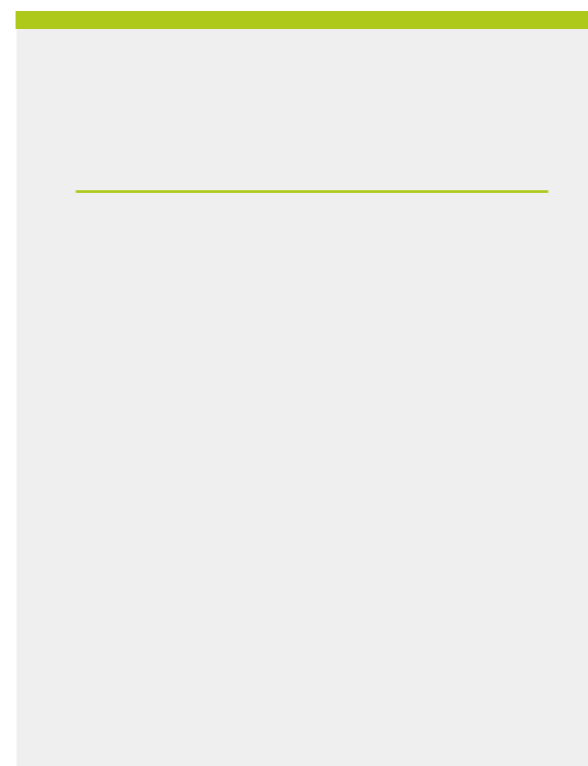
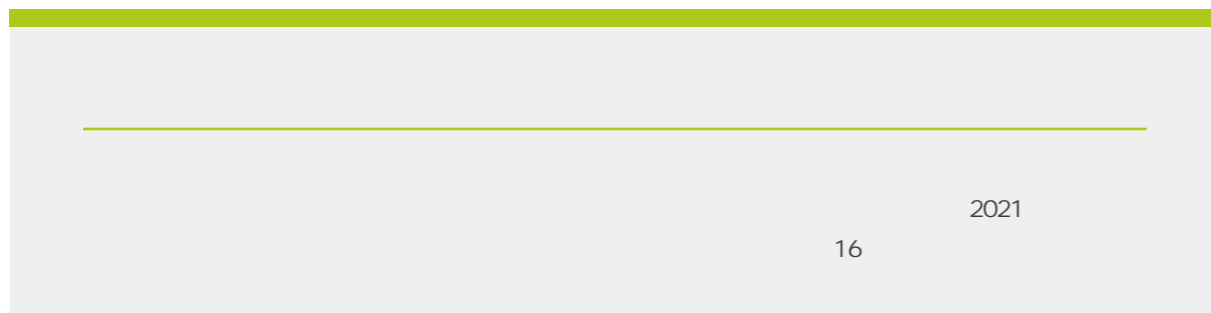
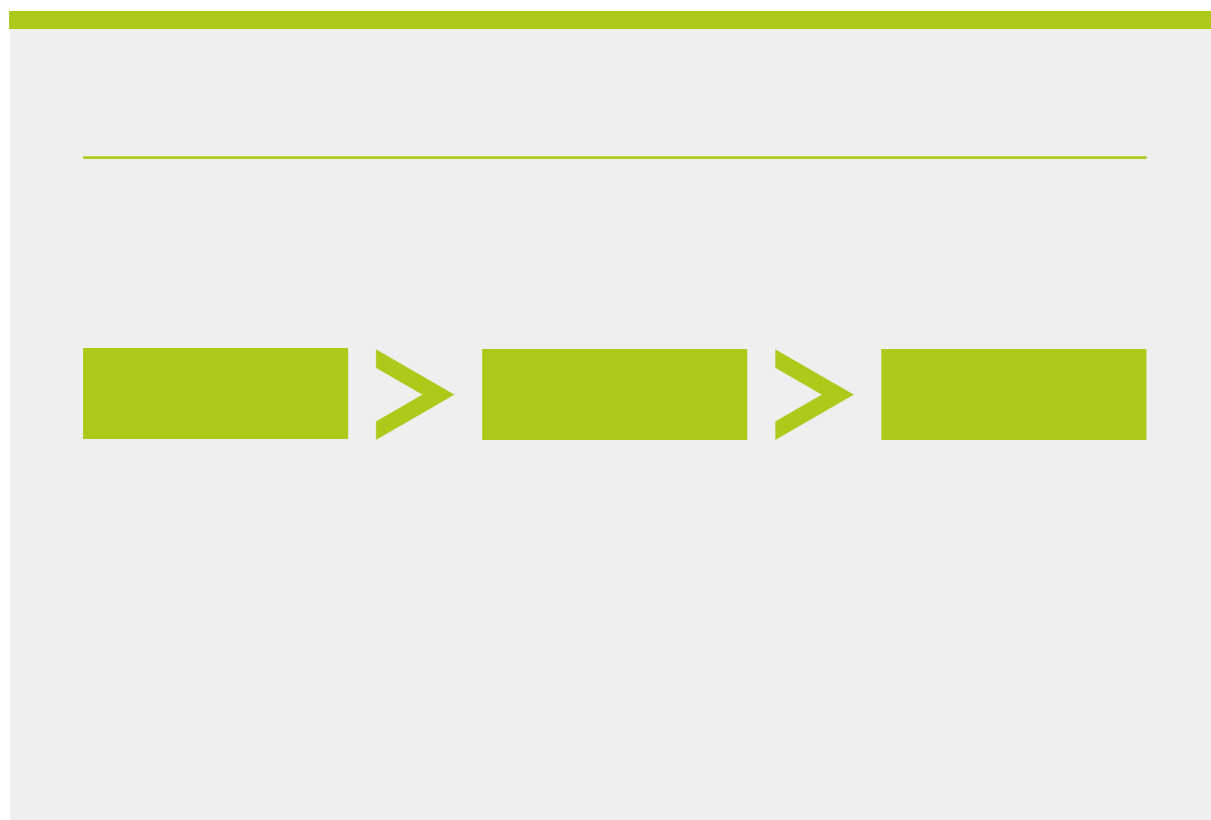
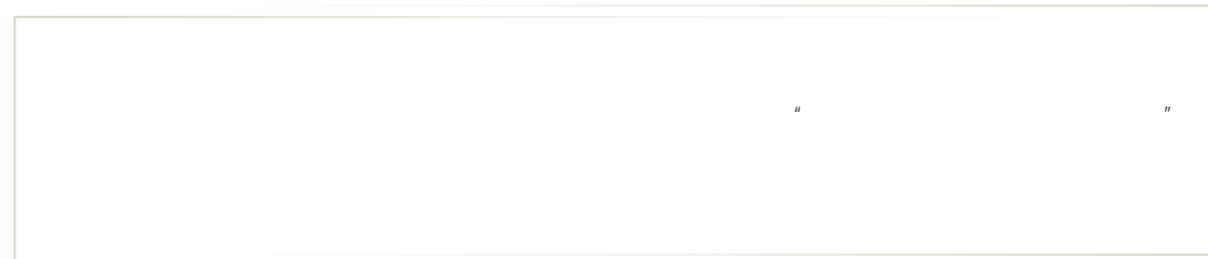
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4.3



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| | | | 362 | 16,995 | 24,205 |
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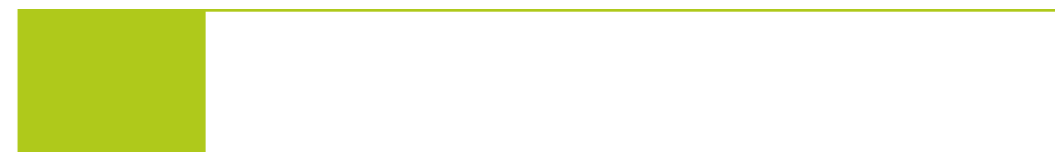
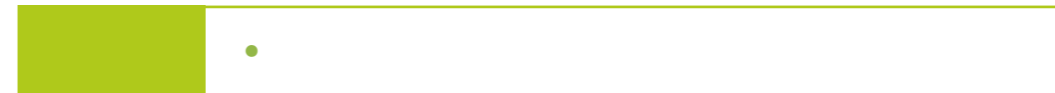
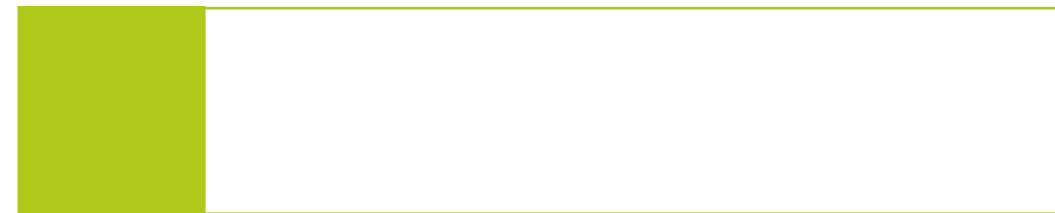
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2025



ISO 45001

ISO 45001







1.1

| | 2022 | |
|-----|------------------|---|
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| | 1,016,959.42 | |
| | 2,441,172.79 | |
| | 90,779,127.00 | |
| | 1,050,984,552.27 | |
| | 1,280,960,596.15 | |
| | 4,196,119.63 | |
| | 21.23 | |
| | 30.06 | |
| | 51.29 | |
| | 0.21 | / |
| | 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 | |
| | 0.80 | / |

| | 2022 | |
|---|---------------|---|
| | 200.00 | |
| | 18,169,220.00 | |
| | 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 | |
| | 91% | % |
| | 65.87 | |
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| | 70.42 | |
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| | 7.16 | |
| | 1.05 | |
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| | 60.7 | |
| | 342,000.00 | |
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| 2-2 | | | |
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| 2-7 | | | 49-51 |
| 2-8 | | | 49-51 |
| 2-9 | | | 16 |
| 2-10 | | | |
| 2-11 | | | |
| 2-12 | | | |
| 2-13 | | | |
| 2-14 | | | |
| 2-16 | | | |
| 2-17 | | | 16-20 |
| 2-19 | | | |
| 2-20 | | | |

| 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 | | |
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| 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 |

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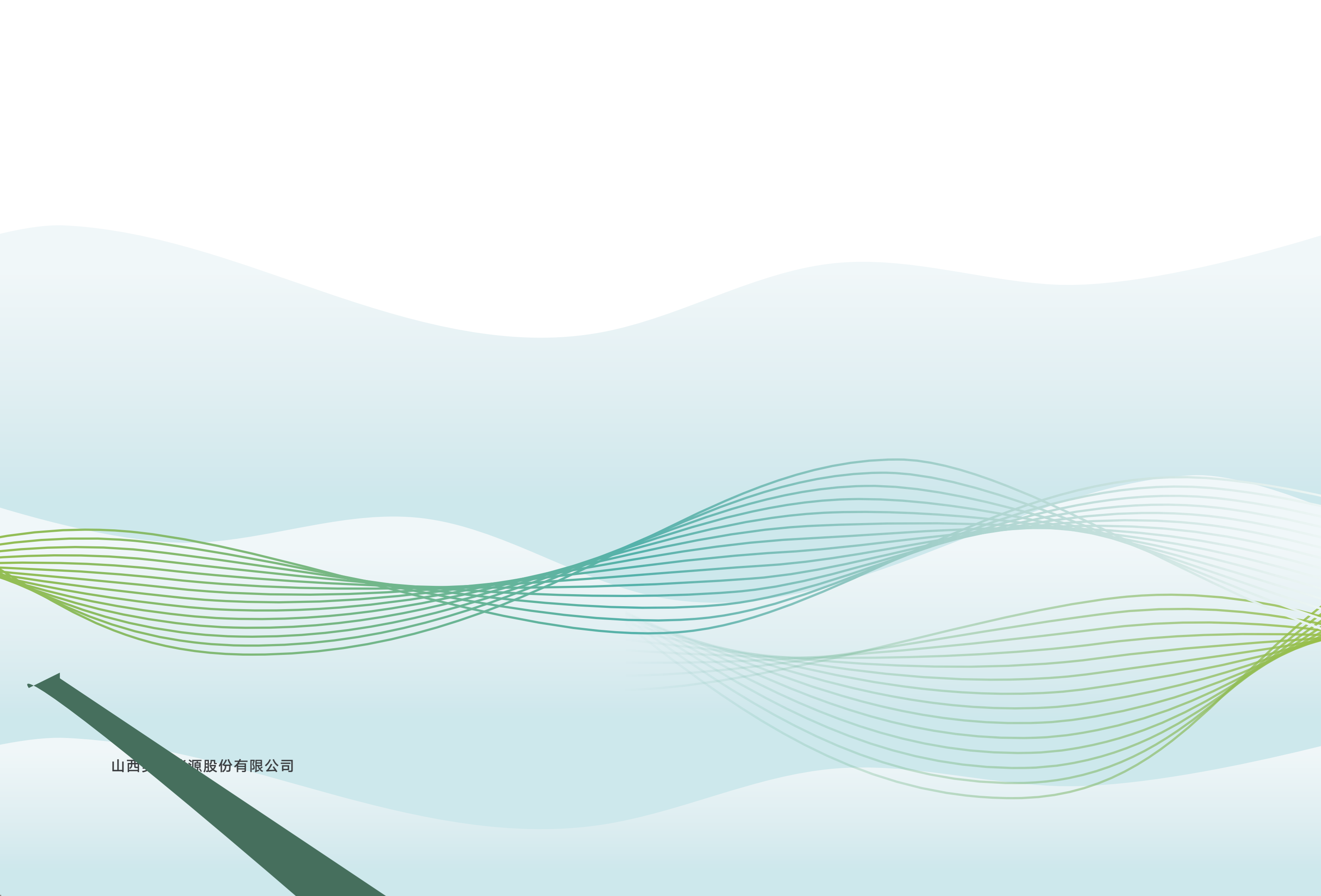
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山西源股份有限公司

