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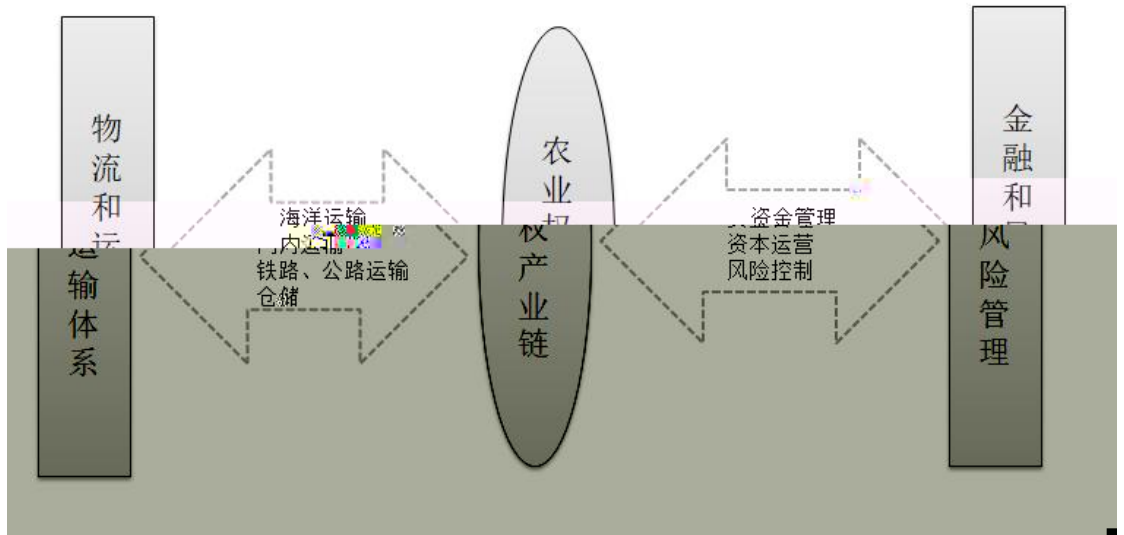
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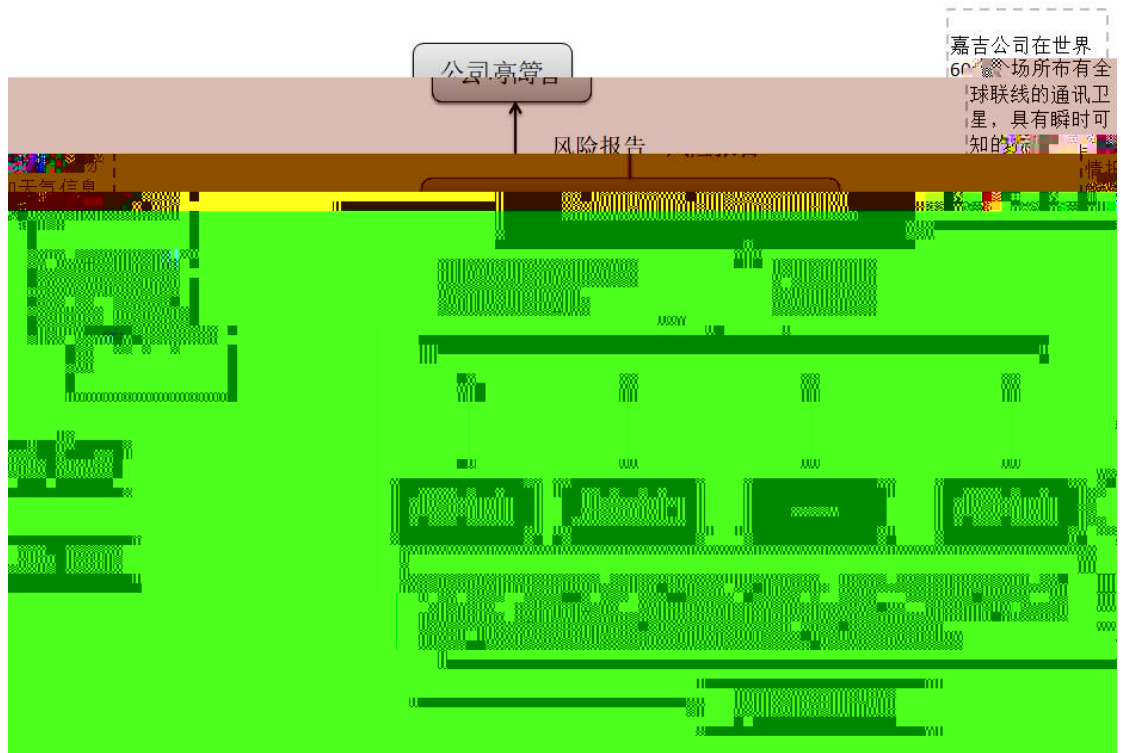
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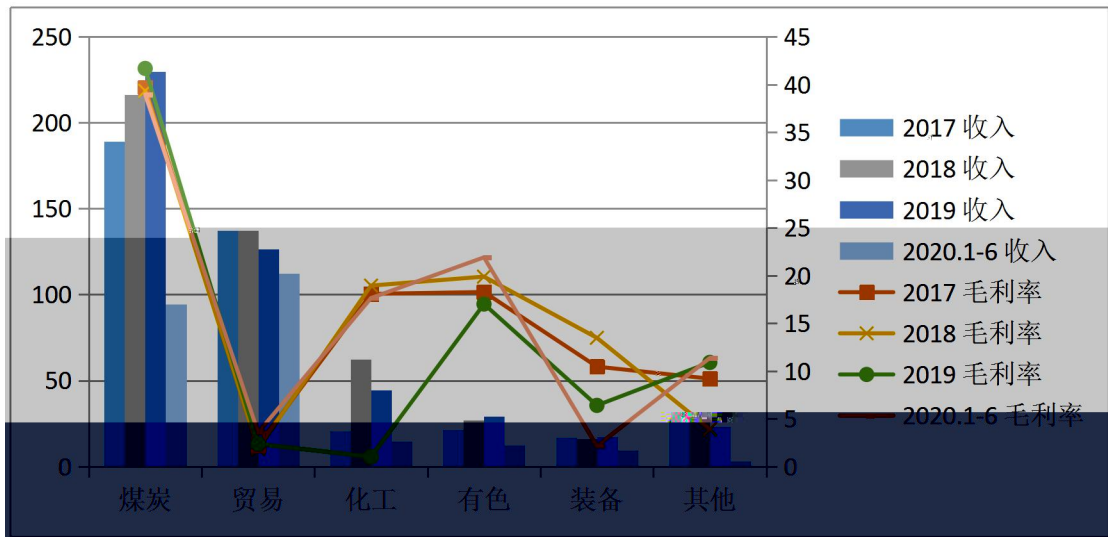
2018

3. 99%

2019

48. 89% 26. 90% 2020

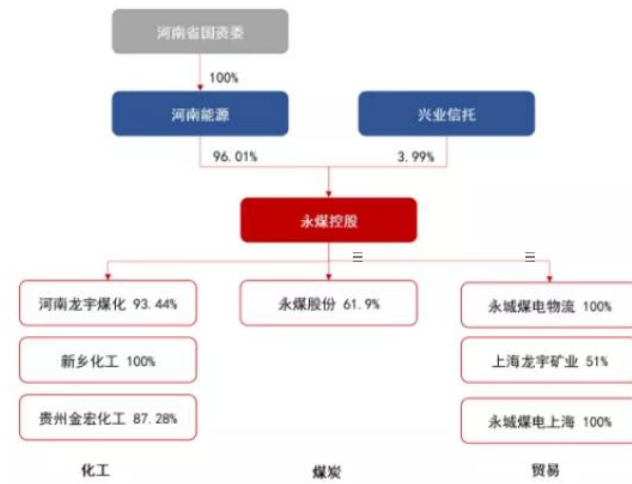
38. 31% 56. 61%

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61.9%



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43.5%

2020 9

74%

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2019

99% /

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5.

2019

104.46

债务人名称	是否为关联方	款项性质	账面价值	
			金额(亿元)	占比%
焦作煤业(集团)有限责任公司	是	关联往来	35.8	22.22
河南能源化工集团新疆投资控股有限公司	是	关联往来	15.4	9.57
永贵五风煤业有限责任公司	是	关联往来	15.7	9.75
鹤壁煤业(集团)有限责任公司	是	关联往来	15.1	9.42
开封龙宇化工有限公司	是	关联往来	13.5	8.38
合计			95.5	59.34

6.

2019

460

300

36.5% 23.8%

60.3%

有息债务结构	2015	2016	2017	2018	2019
短期有息负债	2,136,832	3,004,532	3,772,300	3,961,312	4,604,401
长期有息负债	4,539,183	3,605,351	2,980,006	3,364,742	3,000,274
有息负债合计	6,675,576	6,609,883	6,752,312	7,326,054	7,604,675
短期有息/负债	20.0%	27.3%	33.2%	31.5%	36.5%
长期有息/负债	42.5%	32.8%	26.2%	28.9%	23.7%
有息债务/负债	62.6%	60.1%	59.4%	58.5%	60.3%

2020

	10	22	"	20	MTN006"
	10	24	"	19	CPO02"
	"	19		26	CP002"
	10	30	"	17	MTN001"
2020	10	2020			- 73
					- 143
11	12			60	

600403 A

27.9%

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2019

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14%

2017

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45.66%

74.61%

2020 9 30

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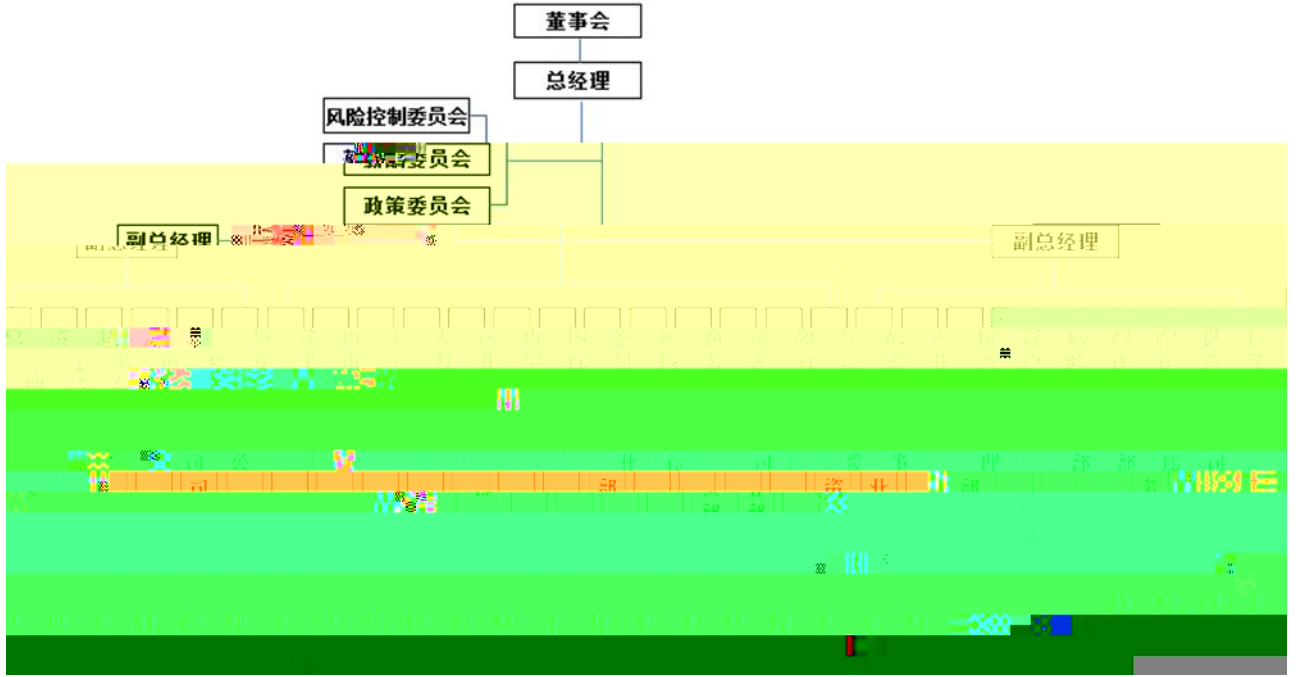
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