

2018

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2018

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2019 3 22

<http://www.sinopec.com/listco/csr/kcxfz/>

com/listco/csr/kcxfz/

GSSB

GRI

GRI Standards

2019 3 22

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2030

3,246

1,005

2.89

HSSE

2018

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2018

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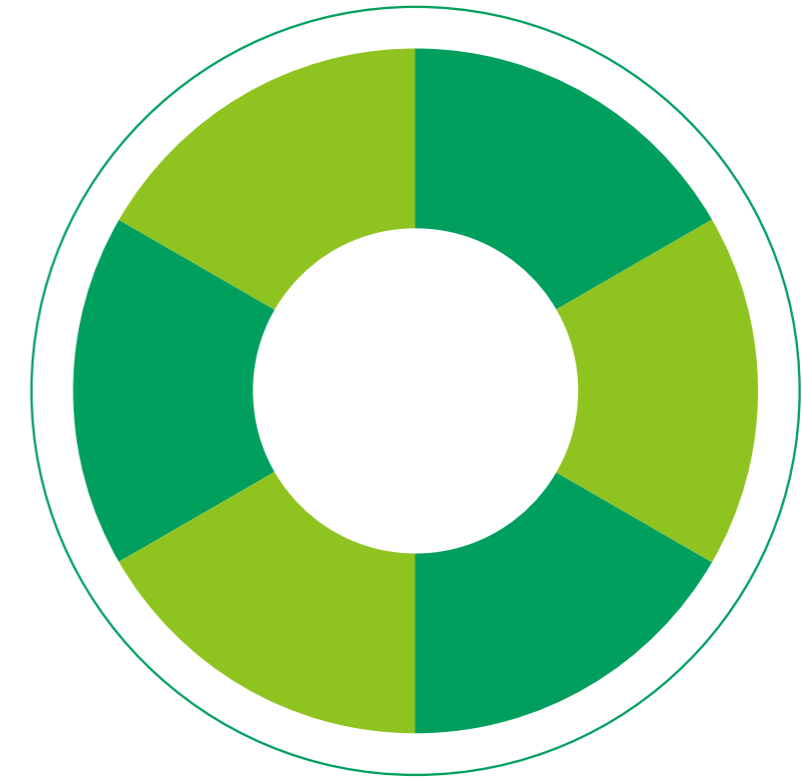
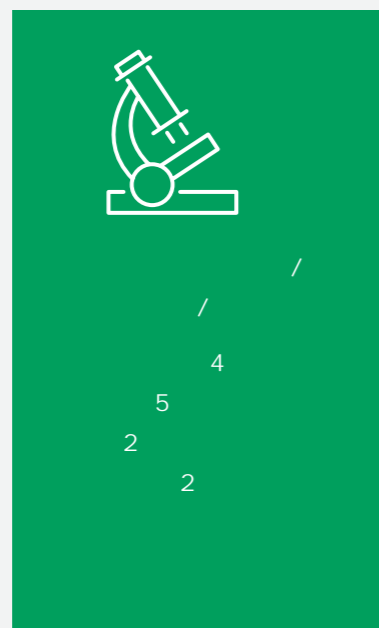
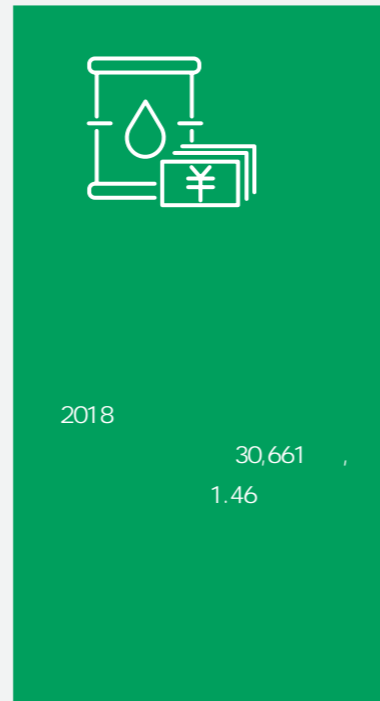
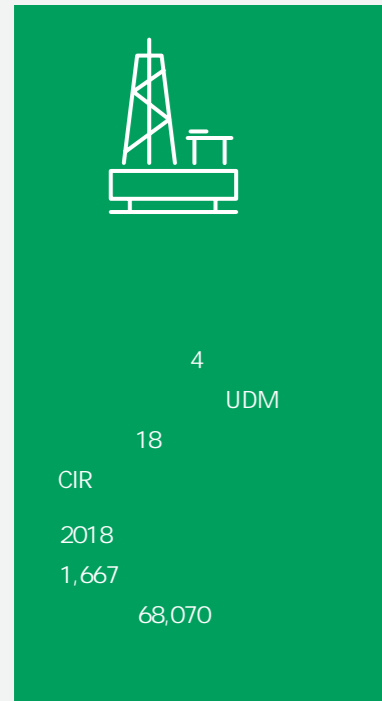
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2019 3 22

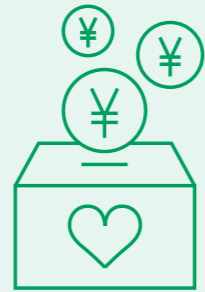




2018



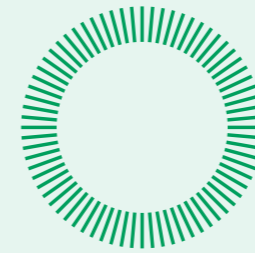
3,246



1.8

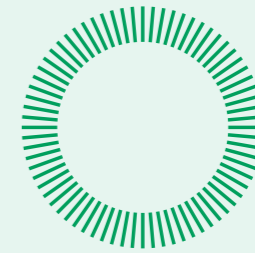


508.5



100%

%



100%

3,456



*

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2018

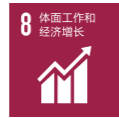
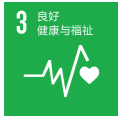


2030

17

E

11	30-35
11	39-41
14-19	43
58-59	54
48-49	52-55
6	20-21 50-51
22-27	





2011 2014 - 2016
 870 209.2 2018
 2018 10 2018
 " " " " " "



2023 400 / 50%
 2023 LNG 2,600 / 600 / 15-20%
 2020 3.50% 0.50%
 2023 1,000
 2018

2023

50%
 600 / 15-20%

600 = 1,260 = 1.5

4,600 = 4

12% 12% 12%
 12% 18% 18%

2017

2020 1%
 2020 25%
 100% 99.8%



128.8

4,434

2
2
2018
128.8

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4



2006 2018 " + "

VGP 5025

Eco- NSF

label

10 SSBR

2018 ,

2,700 SEBS

VOC

2018 7

SEBS 2018

SEBS

50%

2018 4

50 2018

SVHC

2018

7





2020 10 2023
EPEC " " e "

2018
2
ProMACE 2.0 3.4
2018
6
2015 - 2018
5

2018
EPBP 7
95% 7
ProMACE 60% 32 325
" 2018
"

• " + " SC2B Supply Chain to Business " EPEC "
" e "

EPEC





2030

2020

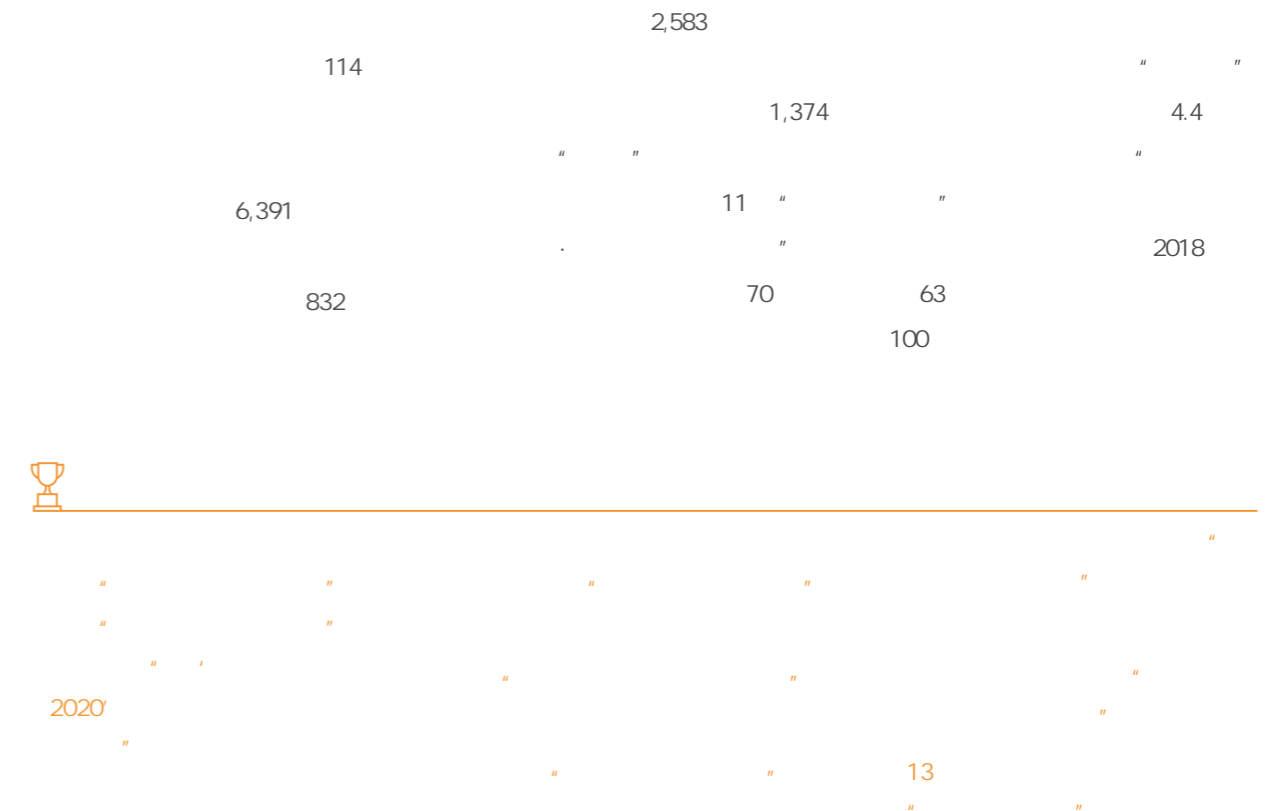
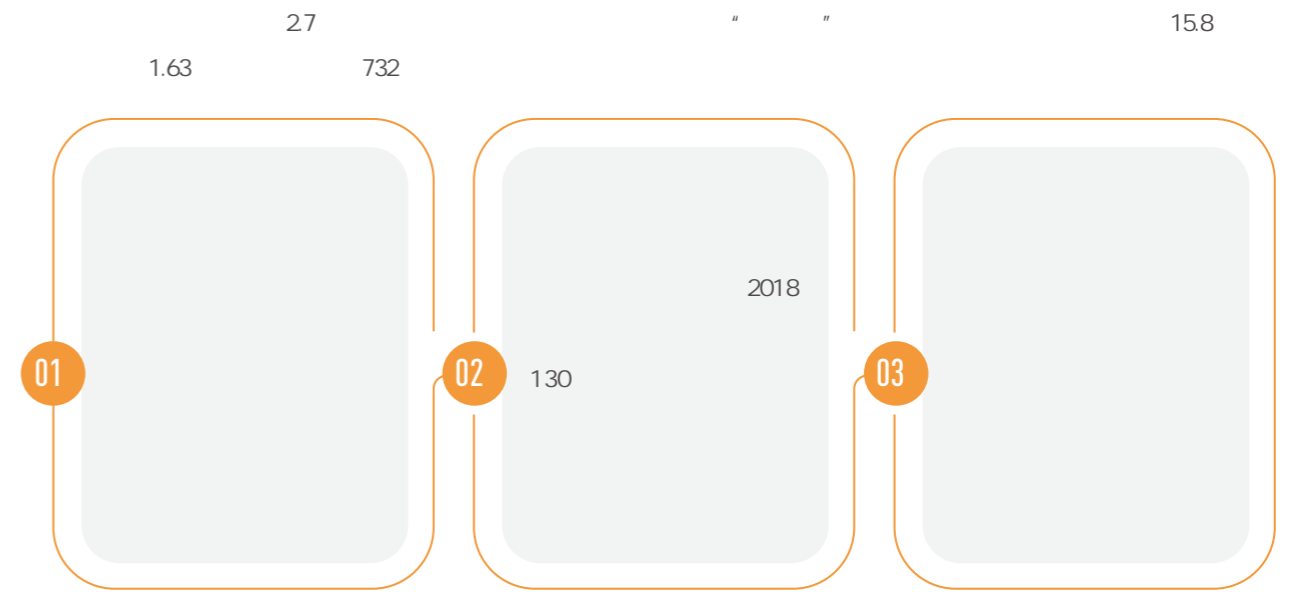
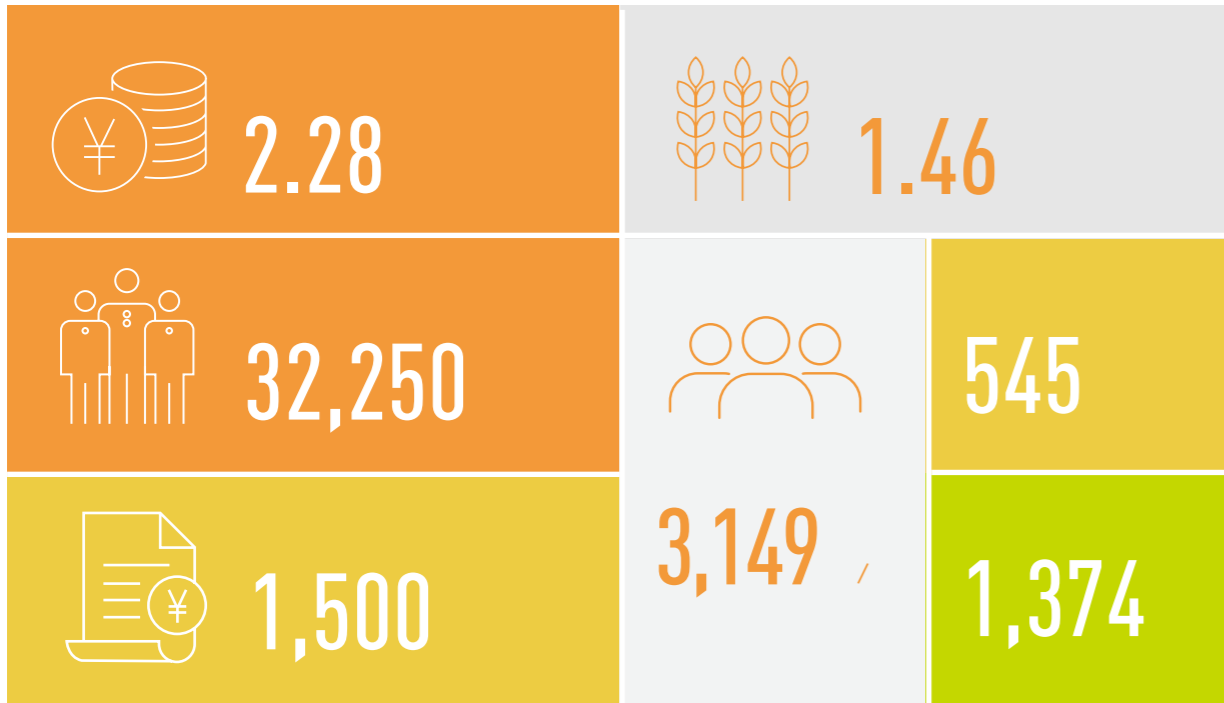
" "

2018

758

2.28

" "







董事长寄语:

要坚守“发展决不能以牺牲安全为代价”红线，树立“绿水青山就是金山银山”理念，提升本质安全环保水平，实现企业与社会、环境的和谐共处、协调发展。

2018

30 1,140

PHAMS

2018

2017

2018

2018
12.2%

2018
100%

2018



3

2018





2018

2018

IT

5

2018

2018

SOS

43







ESG



65%

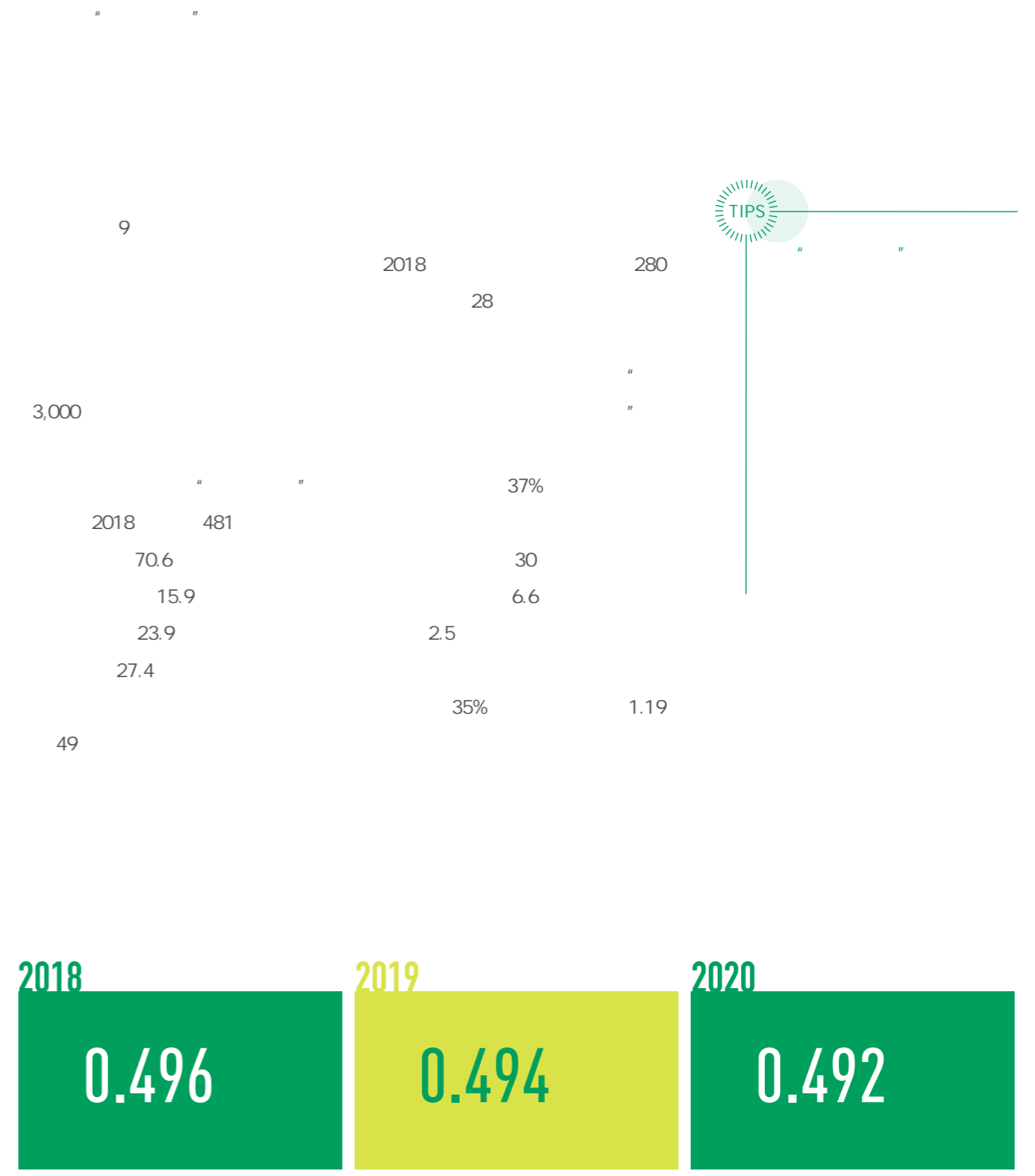
2030

2005

60%-

2017

20%



2018

2019

2020

0.496

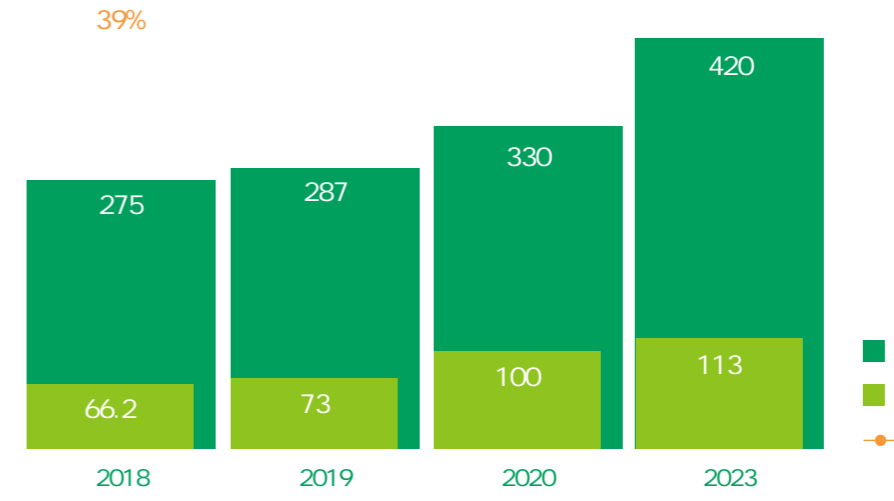
0.494

0.492

TIPS



- 2030 2021-2030 2016



2018

1.4

+ " " +
"



2018
2.07%*

1.72

1.03



*





"

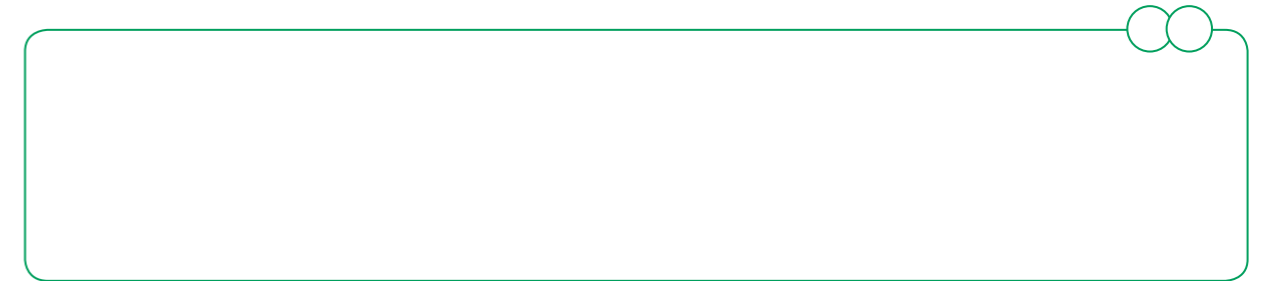
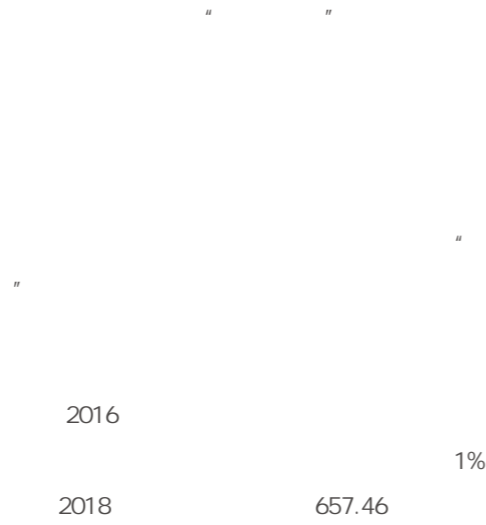
"

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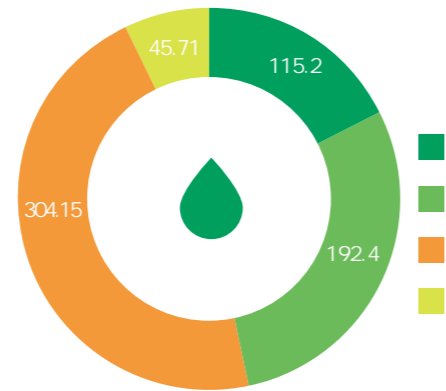
2018

F

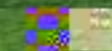
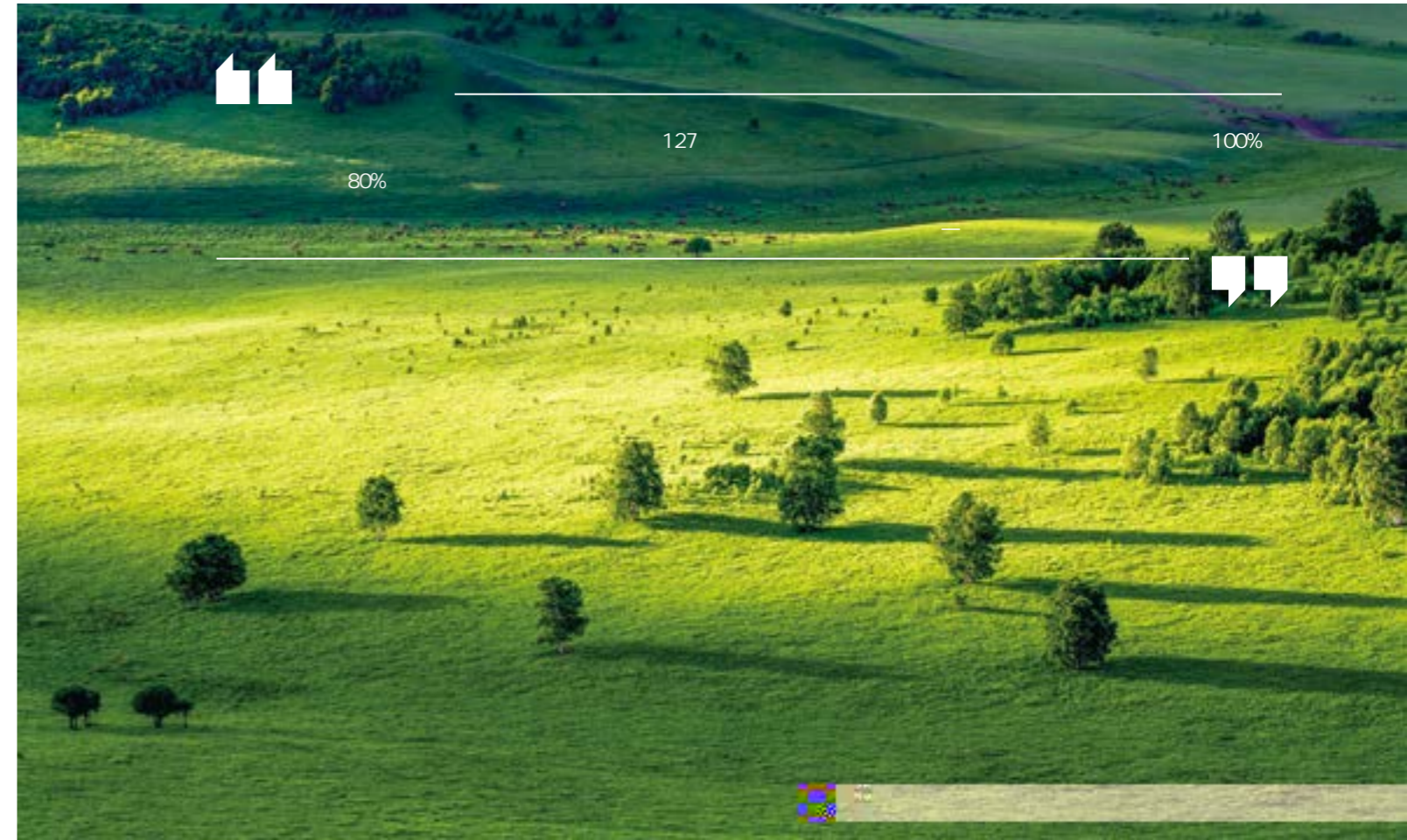
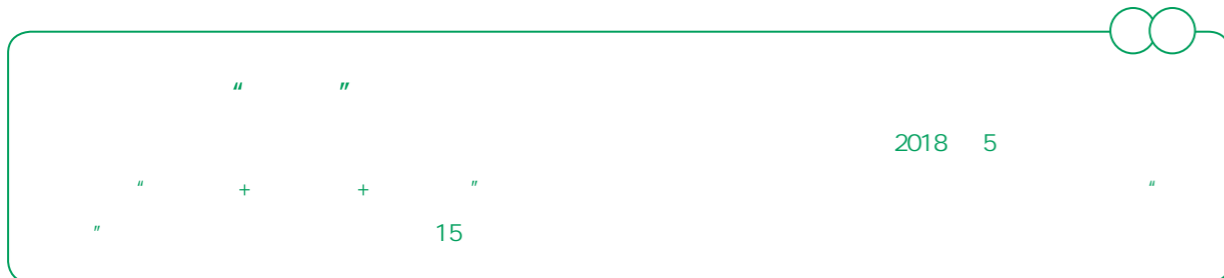
,



2018 " "



COD1.94 0.2



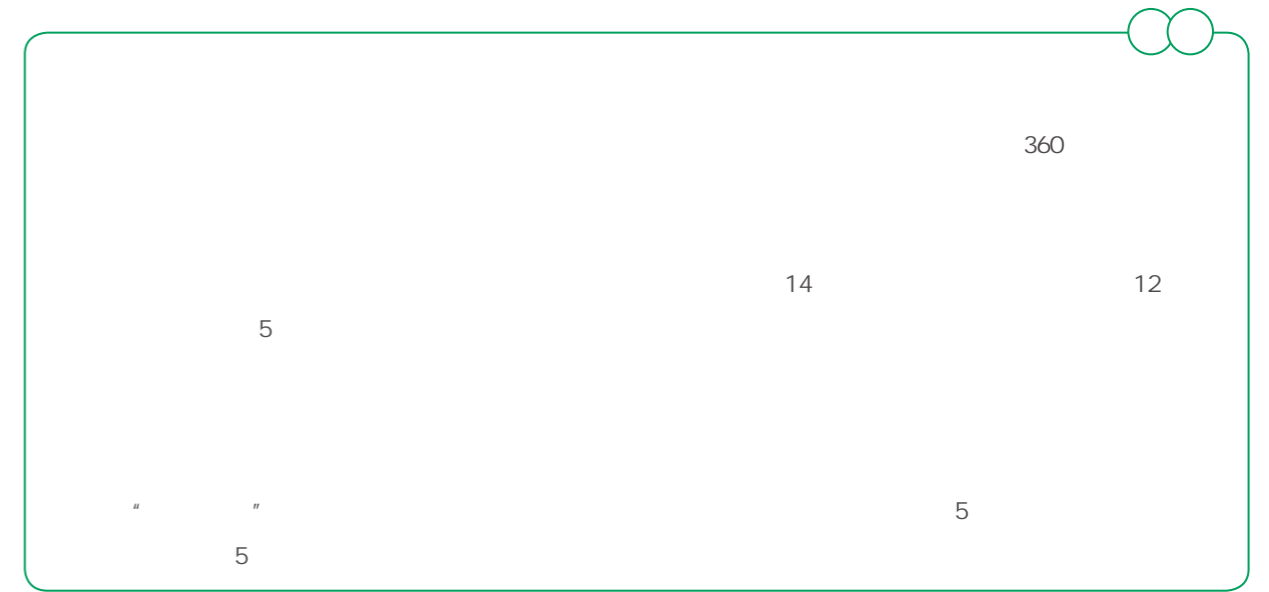


			88	
		330		53
2018	1.69	7		
	1.68			

2018



2018



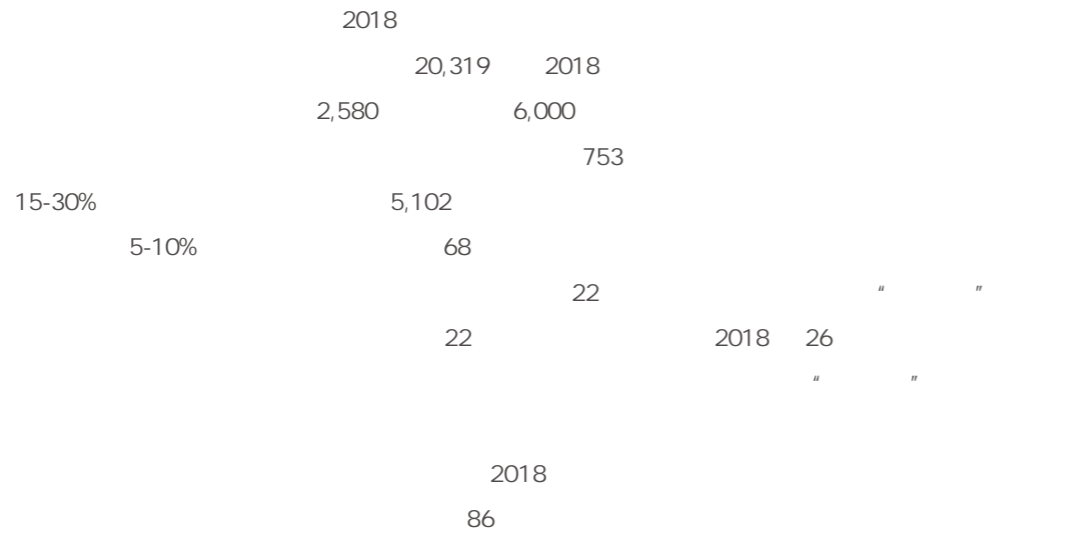




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" EPEC " " e "



EPEC

— ASME



ISO 14000 ISO 18000

2018
3,000

HSE

25%

" "

	2016	2017	2018
	% 24.8	26.7	26.0
ISO 9000	8,517	9,265	9,614
	% 59.9	52.9	47.3
ISO 14000	3,755	5,442	6,071
	% 26.4	31.1	29.9
ISO 18000	4,465	4,839	5,621
	% 31.4	27.7	27.7
	100%	100%	100%



	"								
	GB/T19001		2018	2018		37,993			
				100%					
7	ISO 9000	2.8			120				
				ISO 9001					
	"								
	"	60							

								2018	
	"								24
	"								3,253
								2018	
									B2B
	"								EPEC "

	2016	2017	2018
	1.14	1.32	1.46
%	83.21	84.09	85.08
%	100	100	100
	25,591	25,775	27,259
%	91.3	91.5	93.1
%	100	100	100
%	85.0	85.0	87.0
%	100	100	100





2018 10

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2018 "

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3,456

4.4

1.54

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30%

5,000

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2018

5,000 238

60

2018 "

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1,200

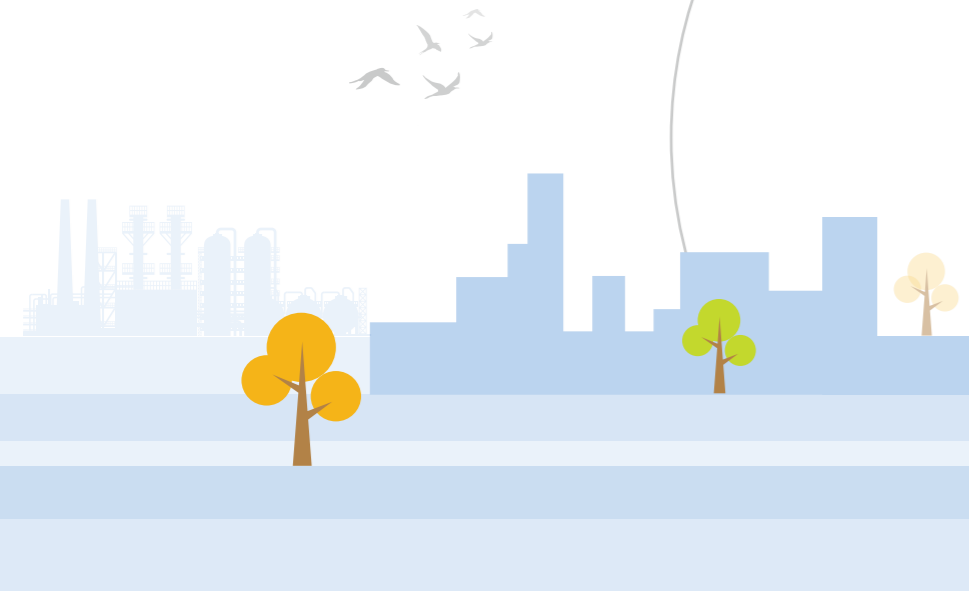
30

98%

2018
3,246

66.64

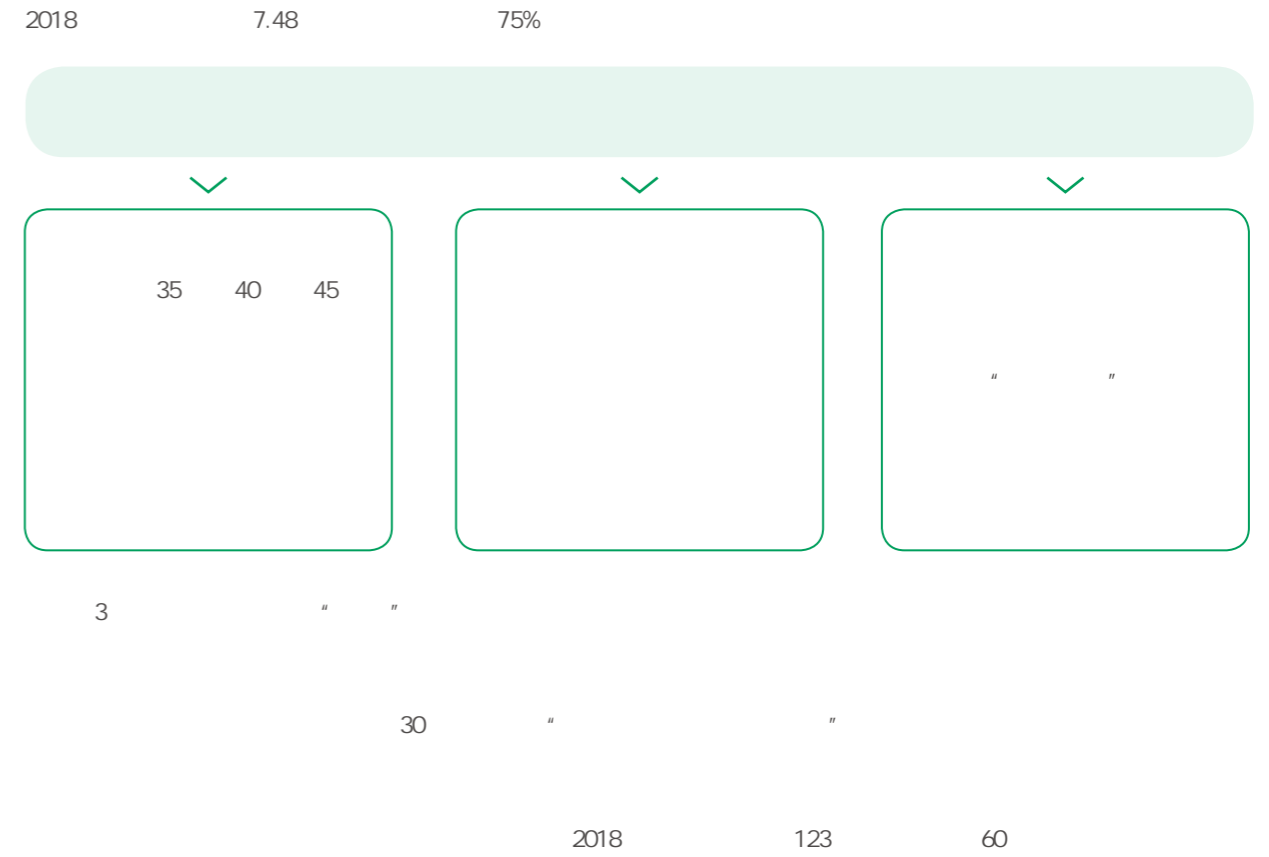
—





董事长寄语:

公司必须对员工负责任，始终坚持以人民为中心的发展思想，善于办好员工群众期盼的好事实事，凝聚干事创业正能量，确保在共建共享中推动改革发展。要大力实施人才强企工程、培养德才兼备的事业接班人。要优化人才成长环境，提升人力资源价值，培养更多的企业家、科学家、科技领军人才和 大国工匠。



2018 9 99%

99%

4

" " "

2018
35%
12.67%





董事长寄语:

坚决防止领导人员以权谋私、利用中国石化平台和资源做生意，重点关注工程建设、物资采购、产品销售等重点领域和关键环节。

2018

114.3

100%

59.6

3

2018

20

2018

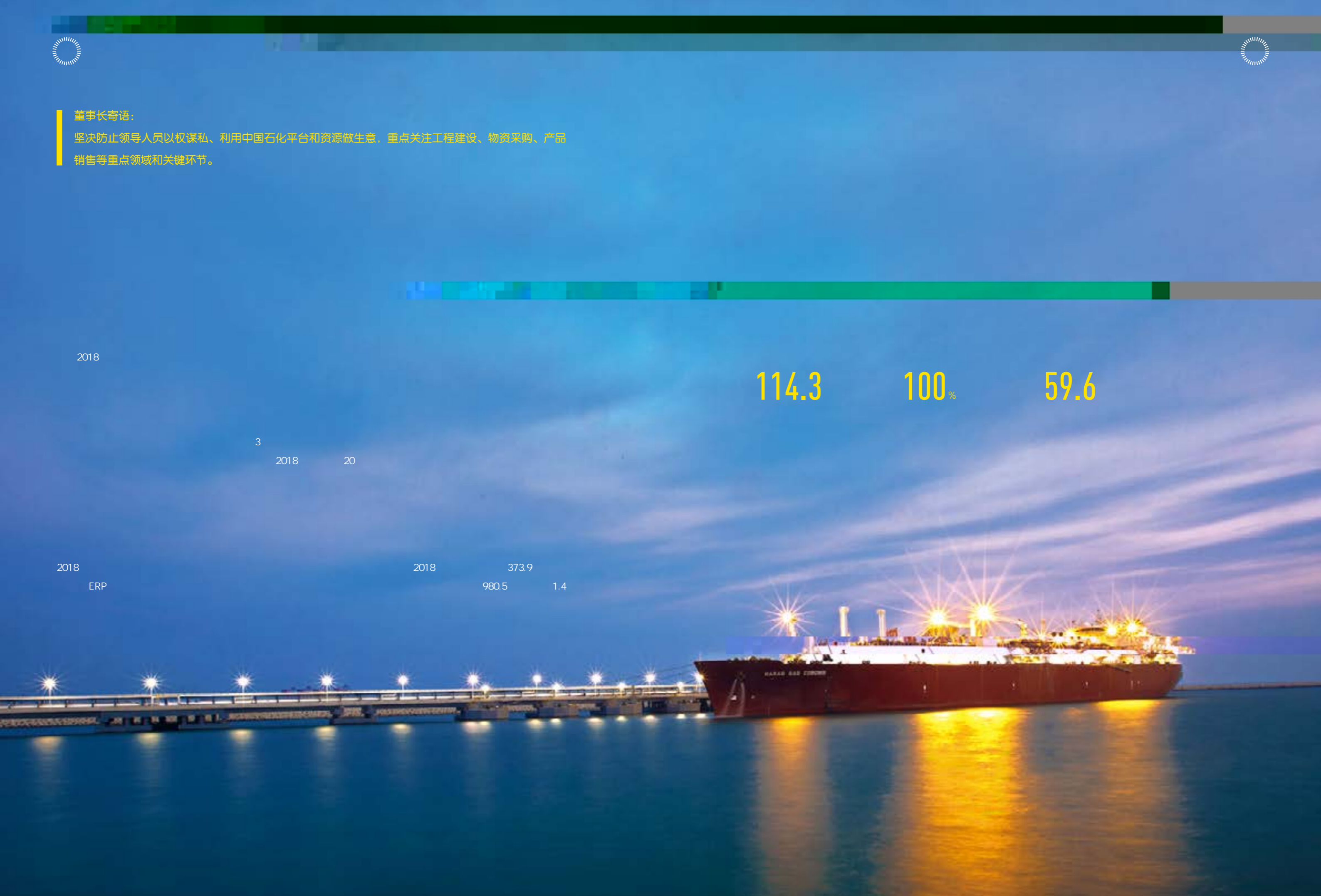
ERP

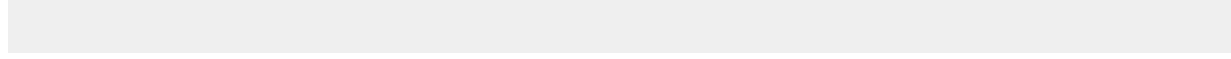
2018

373.9

980.5

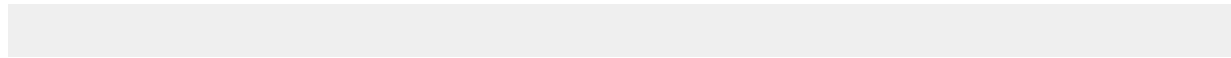
1.4





c

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	2017	2018
	30.55	31.26
	129.49	137.65
	2.62	2.61
	270	1,010
	220	226

1

2 = /

3 = /

4 = /

5 ISO 14064-1:2006

CH₄ N₂O HFCs PFCs SF₆

CO₂

	2016	2017	2018
/	3.606	3.778	3.966
	436.6	457.4	480.2
	451,611	446,130	423,543
%	0.37	0.50	0.8
%	35.95	35.9	35
%	12.88	12.76	12.67
%	100	100	100
%	100	100	100
%	76.89	73.90	79.19
%	3.62	3.8	3.8
	788,352	965,930	936,143
	659.33	739.56	748.08
%	67.5	72.4	75
%	100	100	100
	133	152	180
" "	3,248	3,126	3,456
	6,584	6,652	6,664



2018

A1		P30 P38
	A1.1	P61-62
	A1.2	P61-62
	A1.3	P61-62
	A1.4	P61-62
	A1.5	P31-35
	A1.6	P39 P41
A2		P31 P36
	A2.1	P61
	A2.2	P40 P61
	A2.3	P31-32
	A2.4	P40
	A2.5	P62
A3		P36 P38
	A3.1	P32-35 P38-43
B1		P52 P54
	B1.1	2018
	B1.2	-
B2		P22 P54
	B2.1	P63
	B2.2	-
	B2.3	P24-26
B3		P55
	B3.1	P55
	B3.2	P55
B4		P54
	B4.1	P54
	B4.2	-
B5		P46-47
	B5.1	2018
	B5.2	P46-47
B6		P48-49
	B6.1	-
	B6.2	P49
	B6.3	P50
	B6.4	P48
	B6.5	P49
B7		P56
	B7.1	-
	B7.2	P58-59
B8		P50
	B8.1	P21 P51
	B8.2	P20 P50 P63

2018

1.	P05 P52 P54-55
2.	P52 P54
3.	P54-55
4.	P54
5.	P52
6.	P54
7.	P30 P38
8.	P31-32 P34-35 P38-43
9.	P34 P38 P40
10.	P56 P58-59

2018

1	P02-03 P05
2	P10-11 P12 P18 P24 P30 P38 P46-47 P58
3	P46-47 P50
4	P09 P10
5	P05 P52 P54
6	P54
7	P10 P54
8	P11 P50-51 P54-55 P63



2018

9	P05 P52 P54
10	P54
11	P11 P55
12	P07 P11 P50 P54-55 P63
13	P05 P12-13 P28 P36
14	P11 P38 P40 P43
15	P12 P31 P35 P39
16	P07 P11 P31-35 P38-43 P61-62
17	P05 P56
18	P58
19	P58-59
20	P07 P11 P58-59
21	P46-49
22	
23	P65
24	-

GSSB GRI

GRI 101	
GRI 102	
102-1	
102-2	P04
102-3	P04
102-4	P04
102-5	-
102-6	P04
102-7	P04
102-8	P63
102-9	P46
102-10	P46-47
102-11	P63
102-12	P65
102-13	P50 P65
102-14	P02
102-15	P02-03 P30 P38
102-16	P05
102-17	P11
102-18	P11
102-19	P11
102-20	P11
102-21	P09
102-22	P11
102-23	P11
102-24	P11
102-25	P11
102-26	P11
102-27	P11
102-28	P11

102-29	P09
102-30	P11
102-31	P09
102-32	P11
102-33	P09
102-34	P09
102-35	P54
102-36	-
102-37	P09
102-38	-
102-39	-
102-40	P09
102-41	P09
102-42	P09
102-43	P09
102-44	P09
102-45	P06-07
102-46	
102-47	P09
102-48	P09
102-49	P09
102-50	
102-51	
102-52	
102-53	P70
102-54	GRI
102-55 GRI	P67-69
102-56	-
GRI 200	
GRI 103	
103-1	P09
103-2	P11
103-3	P11
GRI 201	



[Redacted]

201-1

201-2

201-3

201-4

GRI 203

203-1

203-2

GRI 204

GRI 103

103-1

103-2

103-3

204-1

GRI 205

GRI 103

103-1

103-2

103-3

205-1

205-2

205-3

GRI 206

206-1

GRI 300

GRI 103

103-1

103-2

103-3

GRI 301

301-1

301-2

301-3

GRI 302

302-1

302-2

302-3

[Redacted]

302-4

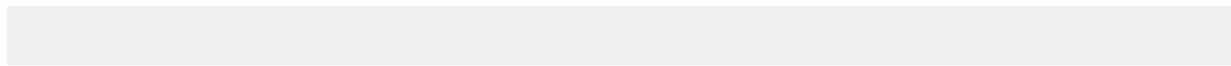
GR2 - / 026 1

[Redacted]



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100728



1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

