



中国石化  
SINOPEC



“ ” “ ” “ ” “ ”

2018

2018 1 1 2018 12 31

2019 3 22

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

com/listco/csr/kcxfz/

GSSB

GRI

GRI Standards

2019 3 22

02

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2030

3,246

1,005

2.89

HSSE

2018

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" " " "

2018

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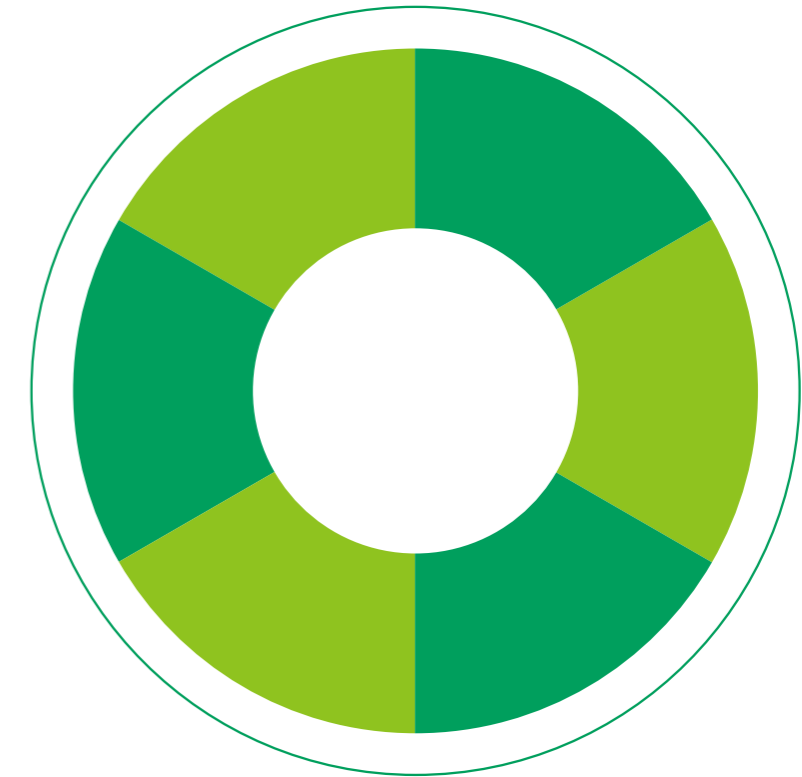
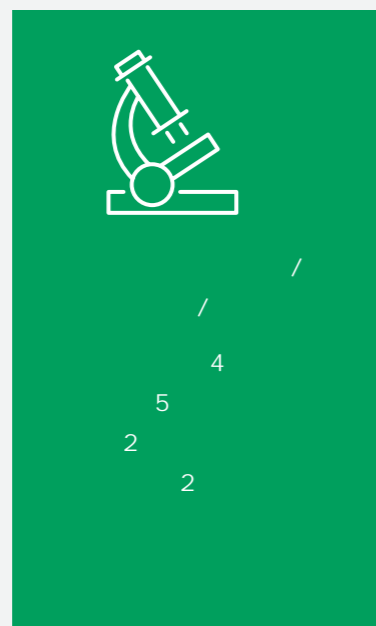
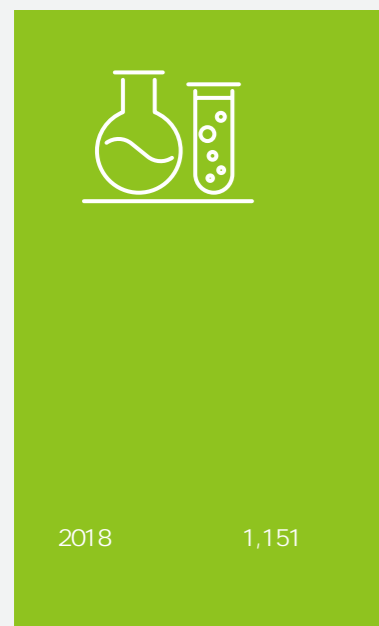
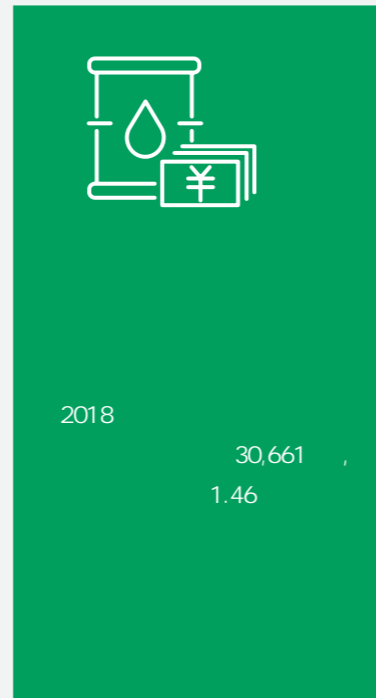
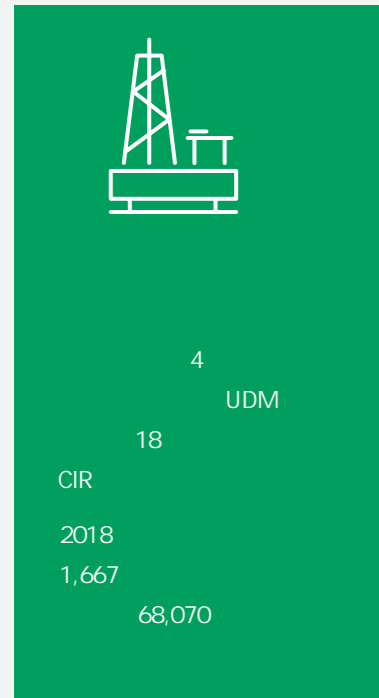
" " " "

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劉偉

2019 3 22




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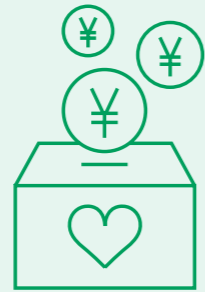
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2018



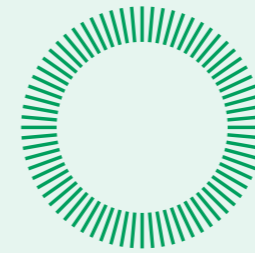
3,246



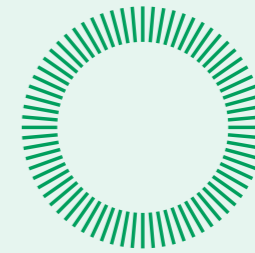
1.8



508.5



100%



100%

3,456



\*

\*\*



2018

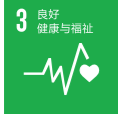


2030

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% 1,260 = 1.5  
 600 = 4,600 = 4  
 12% 12% 12% 18% 12% 18%  
 2017

2020 1% 25% 99.8%  
 2020 100%  
 100%





128.8

4,434

2018  
128.8

2  
2

5

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

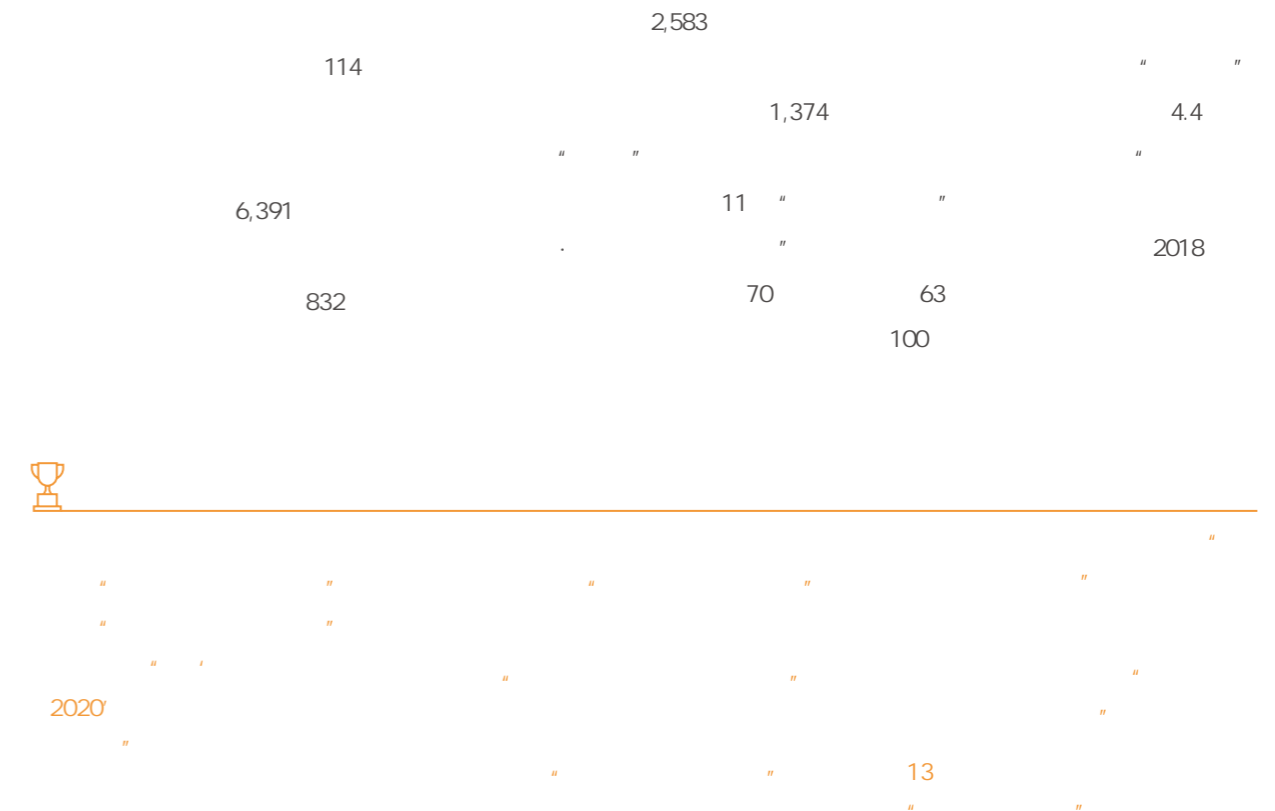
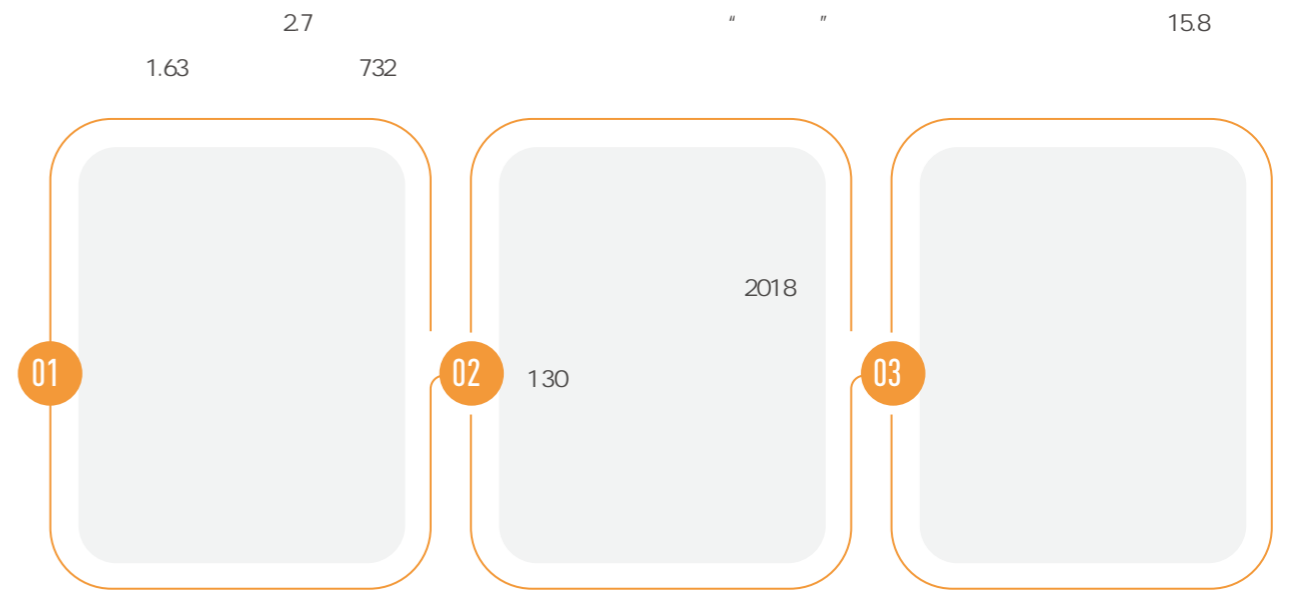
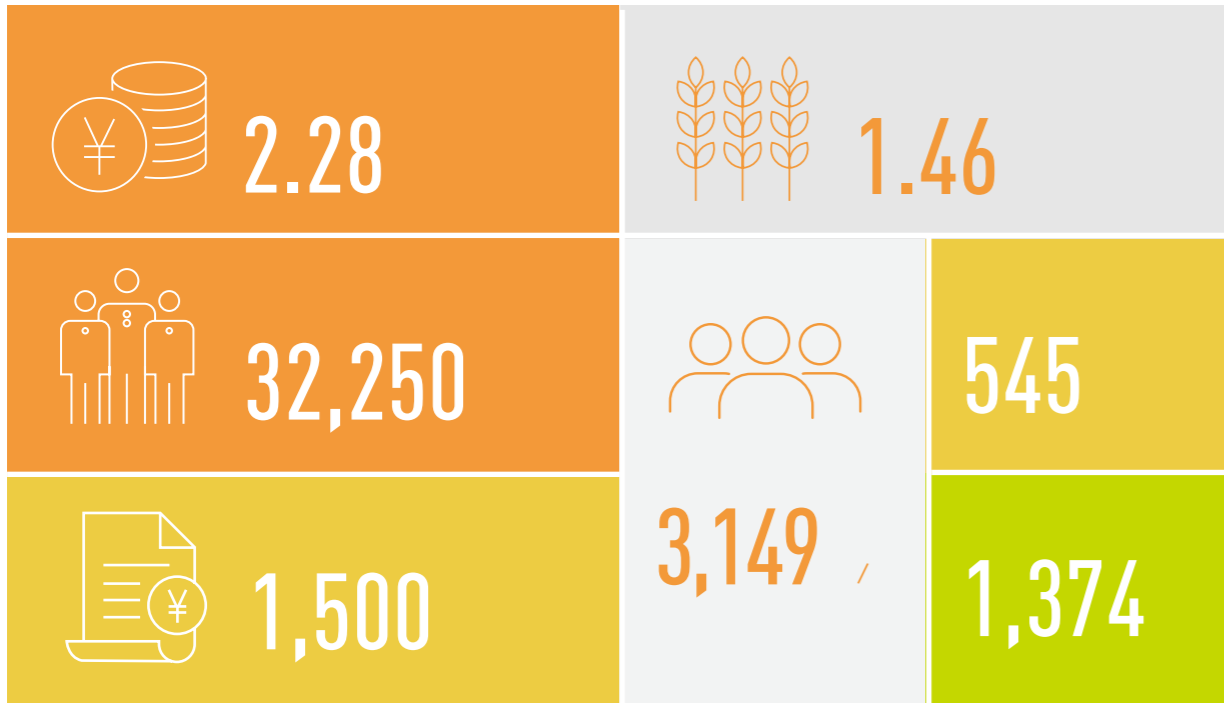
" "

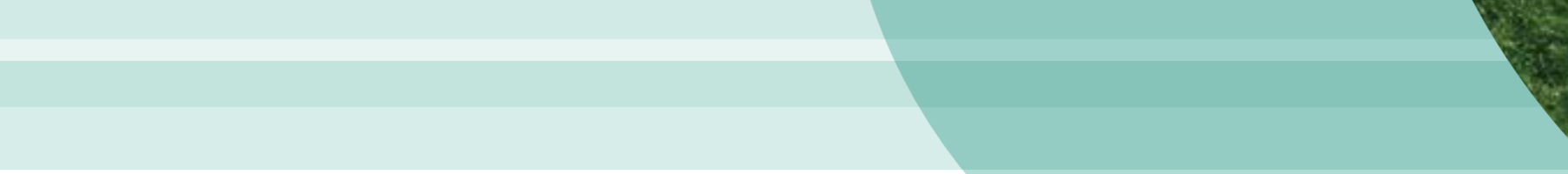
2018

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

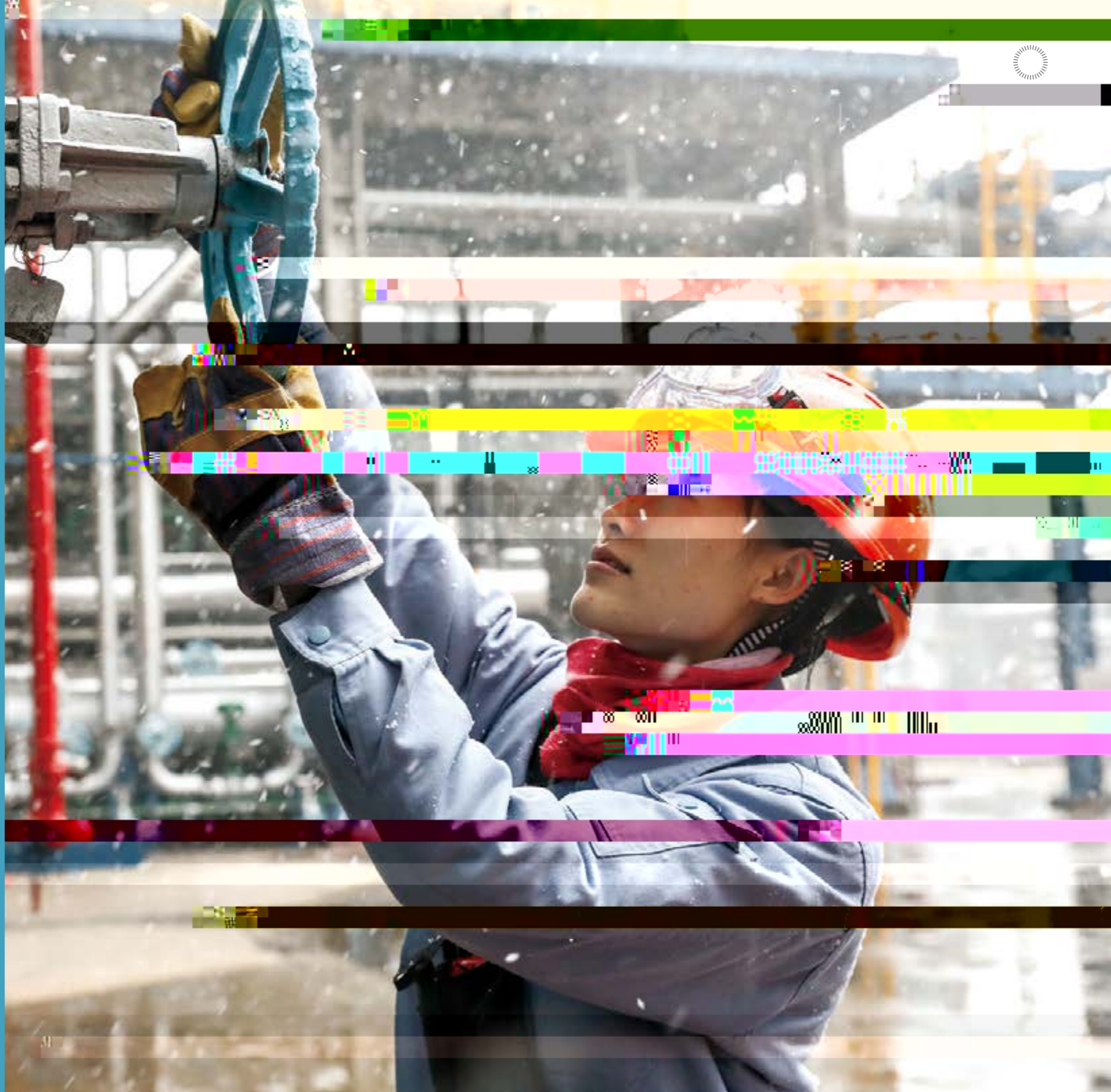
5

2018

2018

SOS

43









ESG



65%

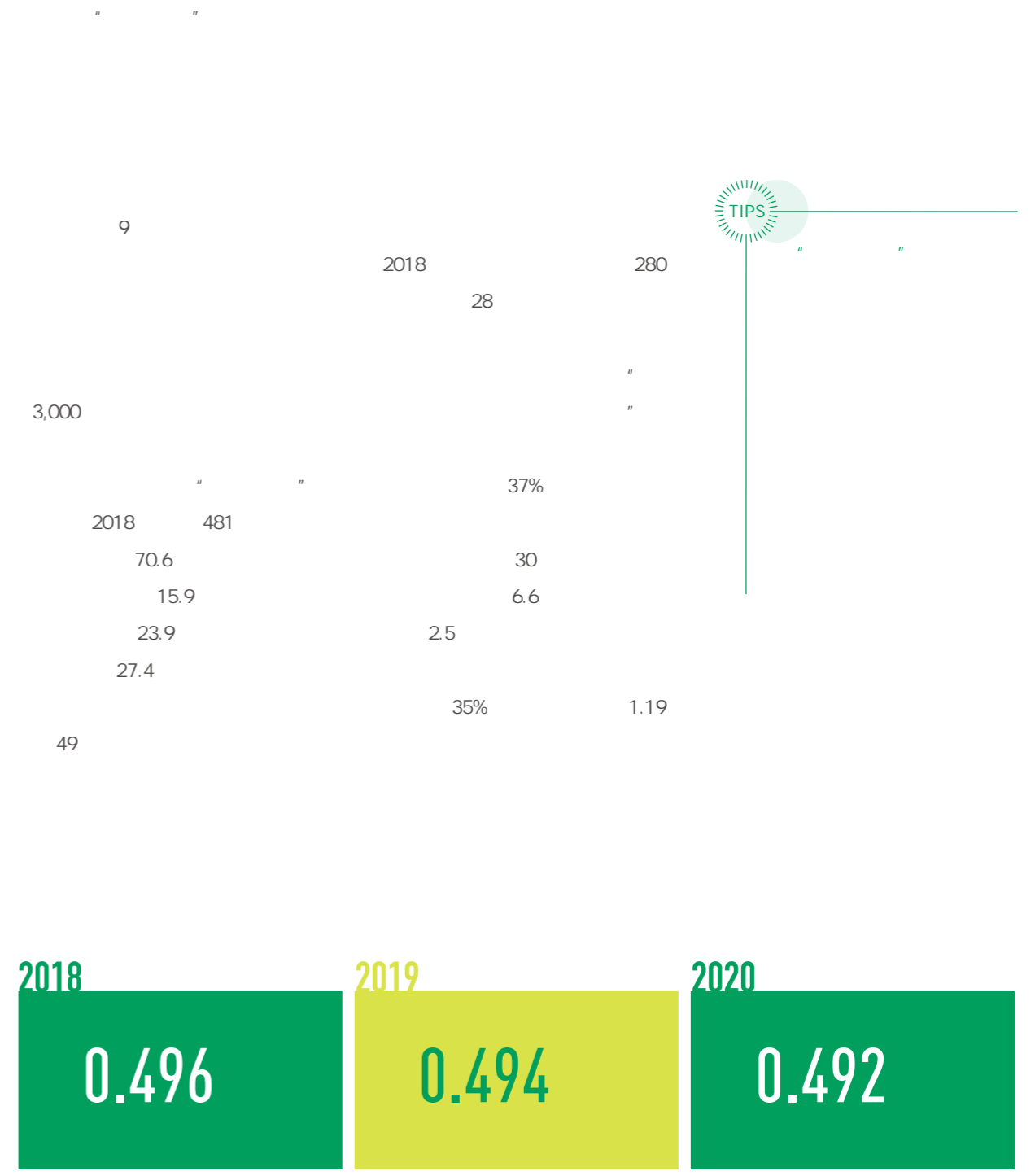
2030

2005

60%-

2017

20%



2018

2019

2020

0.496

0.494

0.492

TIPS

2018

280

3,000

2018

481

70.6

15.9

23.9

27.4

49

2.5

35%

1.19

37%

30

6.6

28

"

"

"

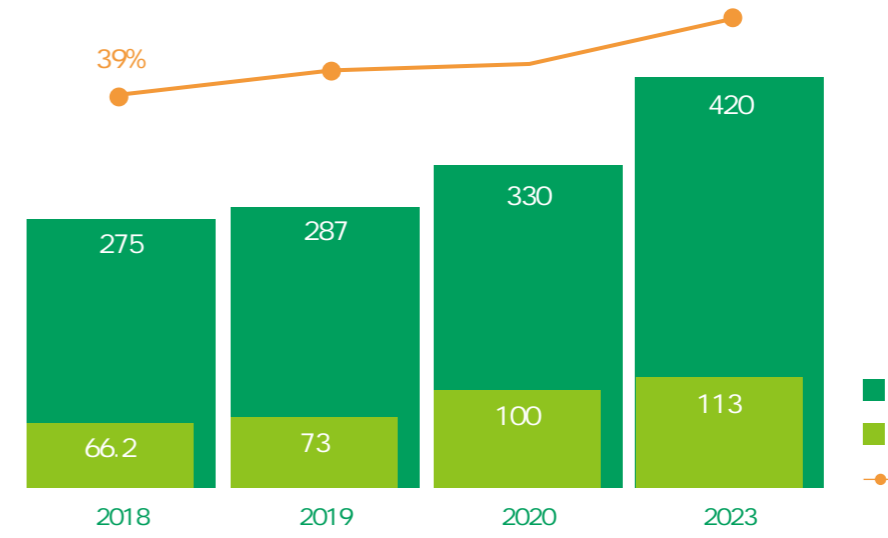
"

"

"



- 2030      2021-2030      2016



2018

1.4

" "

+ " " +





2018  
2.07%\*

1.72

1.03



\*

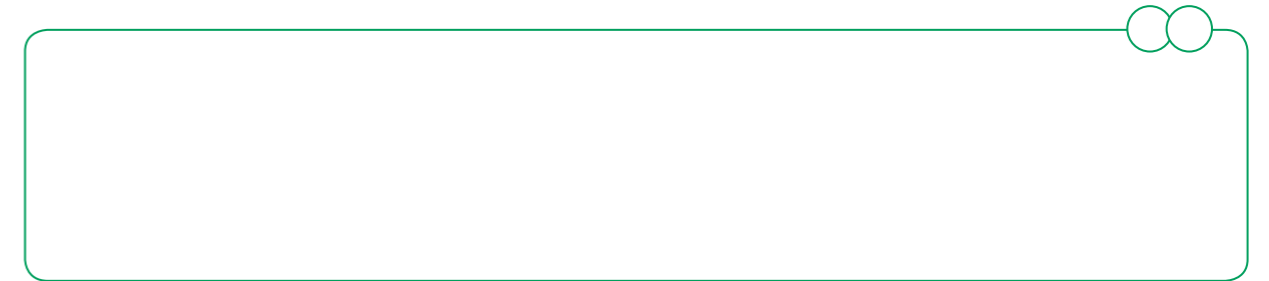
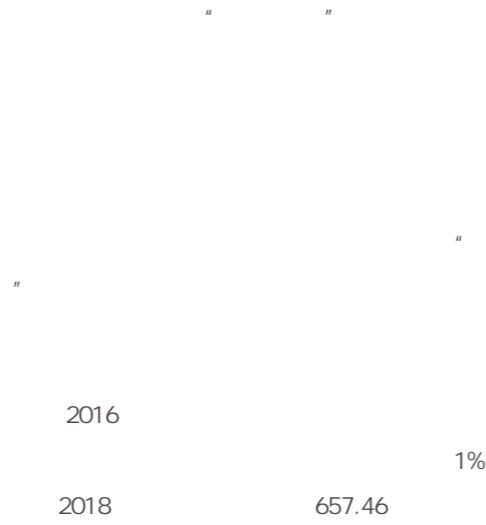




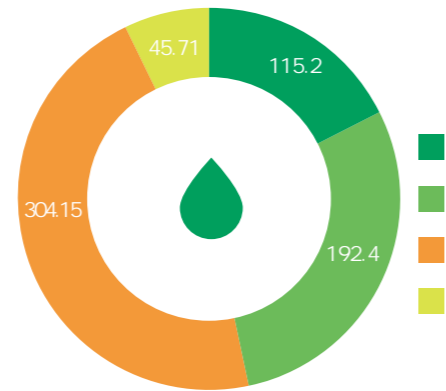
"

"

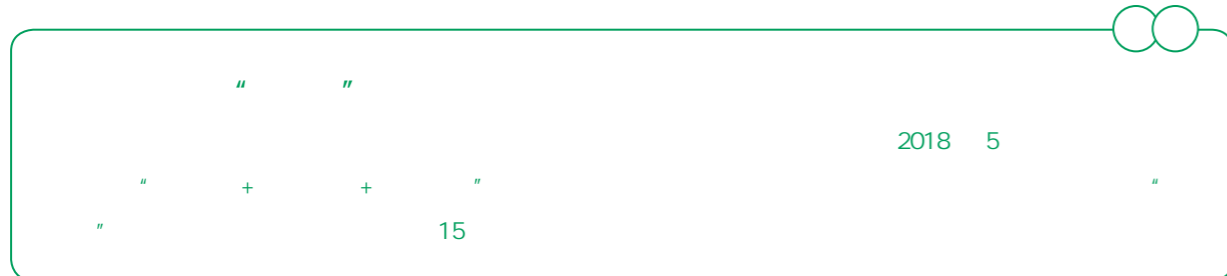
- - - -



2018 " "



COD1.94 0.2



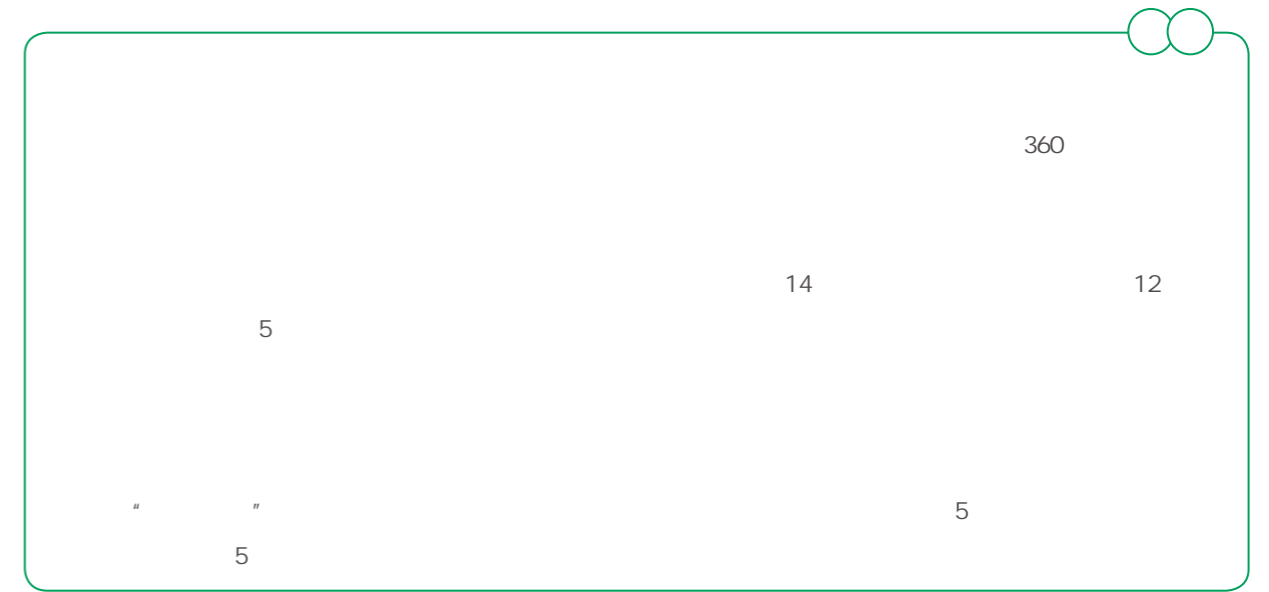


2018 1.69 7 330 88 53  
1.68

2018



2018





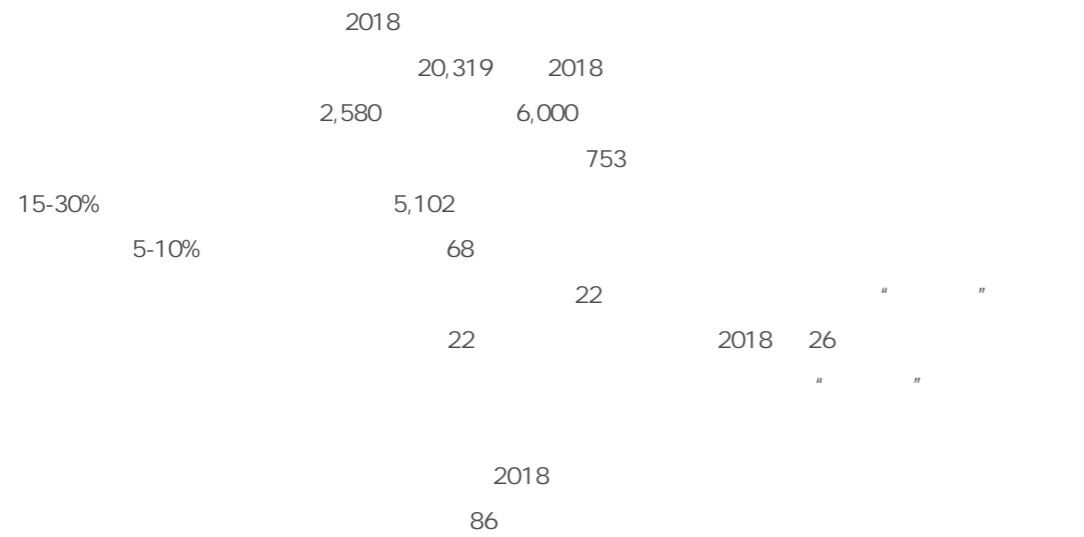




96

66

" 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	ISO 9001	120		

60



				2018	
"	+	+			24
"		"	e"	"	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

5

2004

" "

" 4

1

20

/

2018

"

3,456

4.4

1.54

" "

13

30%

5,000

7

2018 "

1,200

30

2018

5,000

238

60

"

"

98%

2018

3,246

66.64

R

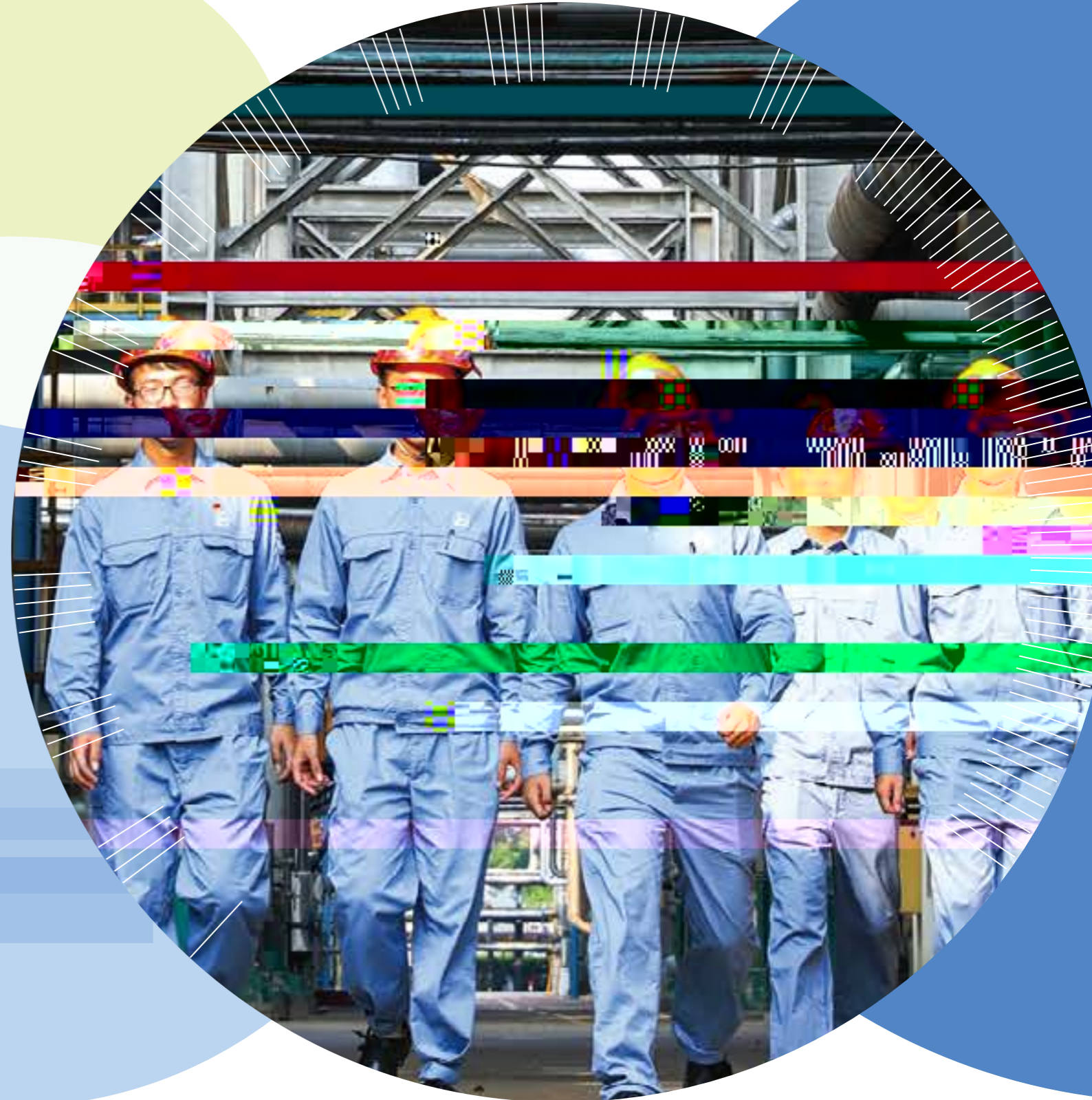
1.8

"

"

2018

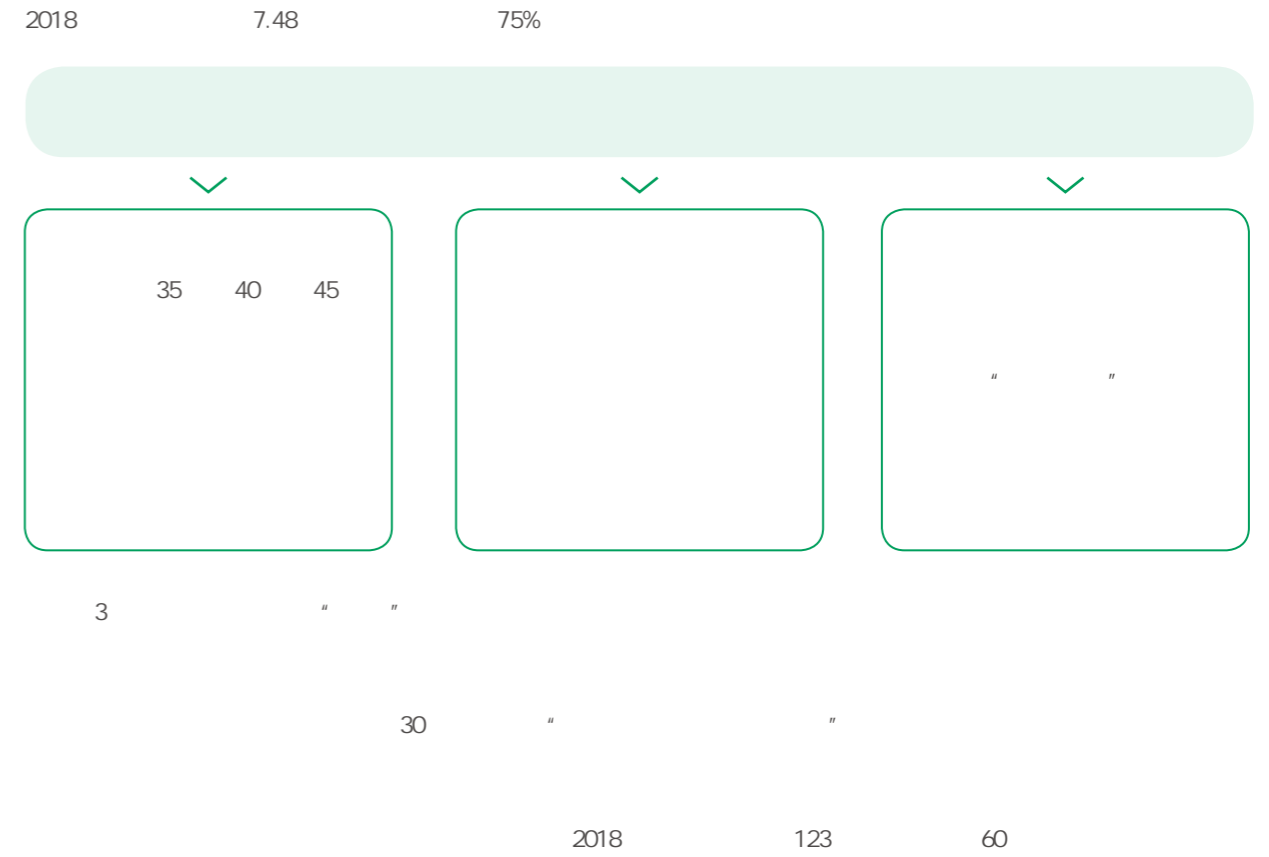
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董事长寄语:

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  
35%  
12.67%

4

" " "

99%

2018 9 99%





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

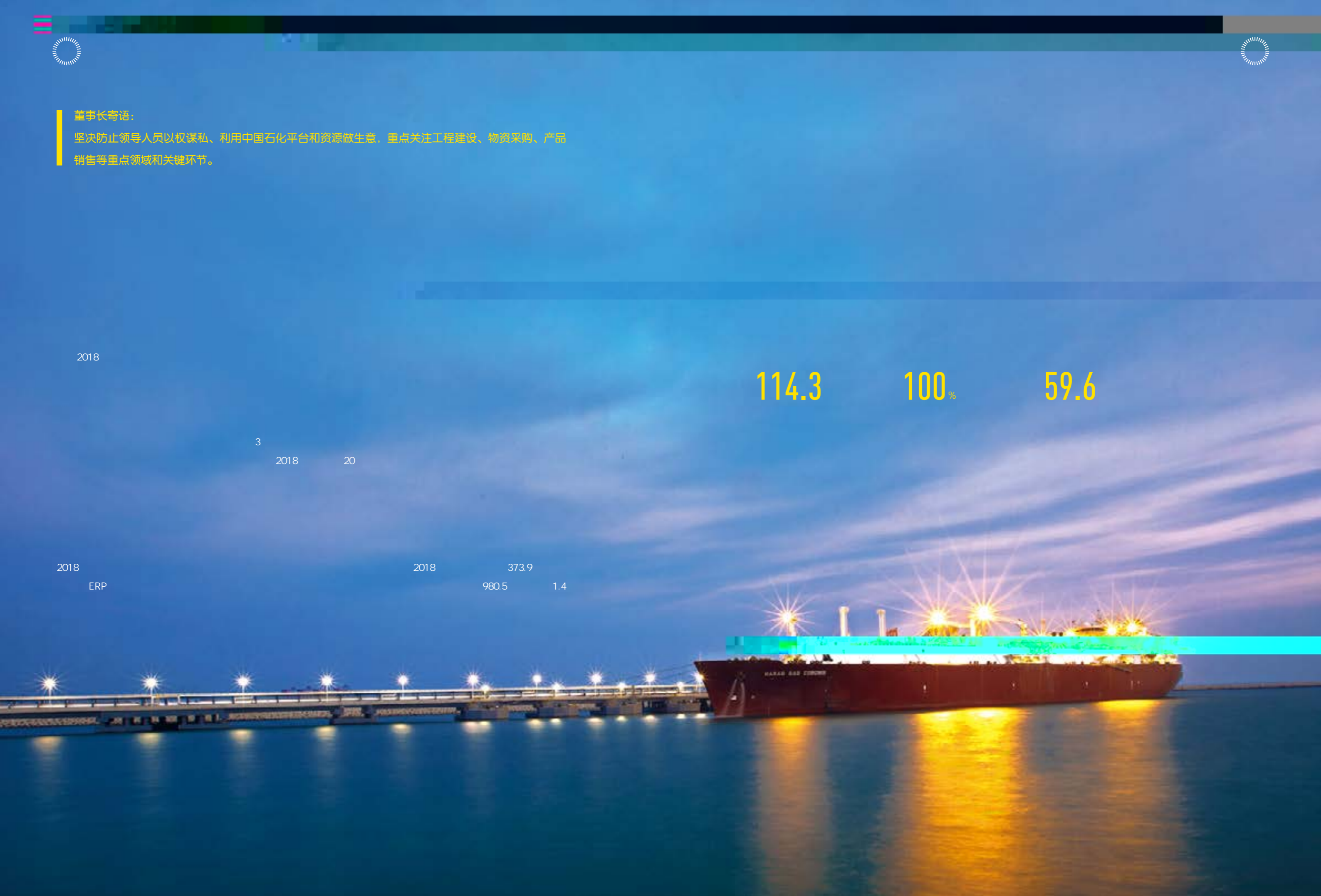
ERP

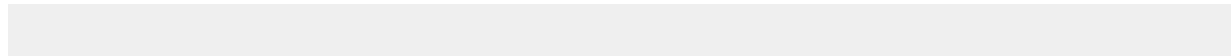
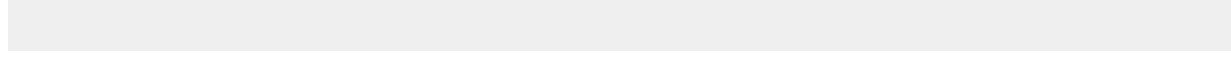
2018

373.9

980.5

1.4









	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

CH<sub>4</sub> N<sub>2</sub>O HFCs PFCs SF<sub>6</sub>

CO<sub>2</sub>

	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



GSSB GRI

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	-

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

302-1

302-2 è

305-3

302-1

[Redacted]

302-2



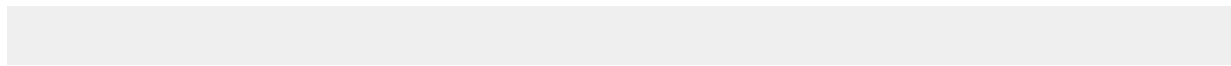
22

100728

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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"/>

