

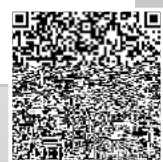


中国建材集团有限公司
China National Building Material Group Co., Ltd.

SUSTAINABILITY REPORT 2018



2017 可持续发展报告
2016 可持续发展报告
2015 可持续发展报告
2014 可持续发展报告
2013 可持续发展报告
2012 社会责任报告
2011 社会责任报告
2009 社会责任报告



2018 1 1 -12 31 h
2017 1 1 -12 31 h
2016 1 1 -12 31 h
2015 1 1 -12 31 h
2014 1 1 -12 31 h
2013 1 1 -12 31 h
2012 1 1 -12 31 h
2011 1 1 -12 31 h
2009 1 1 -12 31 h

2018 1 1 -12 31 h
2017 1 1 -12 31 h
2016 1 1 -12 31 h
2015 1 1 -12 31 h
2014 1 1 -12 31 h
2013 1 1 -12 31 h
2012 1 1 -12 31 h
2011 1 1 -12 31 h
2009 1 1 -12 31 h

2018 1 1 -12 31 h
2017 1 1 -12 31 h
2016 1 1 -12 31 h
2015 1 1 -12 31 h
2014 1 1 -12 31 h
2013 1 1 -12 31 h
2012 1 1 -12 31 h
2011 1 1 -12 31 h
2009 1 1 -12 31 h

2018 1 1 -12 31 h
2017 1 1 -12 31 h
2016 1 1 -12 31 h
2015 1 1 -12 31 h
2014 1 1 -12 31 h
2013 1 1 -12 31 h
2012 1 1 -12 31 h
2011 1 1 -12 31 h
2009 1 1 -12 31 h

2018 1 1 -12 31 h
2017 1 1 -12 31 h
2016 1 1 -12 31 h
2015 1 1 -12 31 h
2014 1 1 -12 31 h
2013 1 1 -12 31 h
2012 1 1 -12 31 h
2011 1 1 -12 31 h
2009 1 1 -12 31 h



d 1+1>2 d	16	28	38	54	66	78
d 3 d	22	30	42	58	70	80
		34	46	62	74	84
			50			86
						88

CONTENTS

04	90
06	92

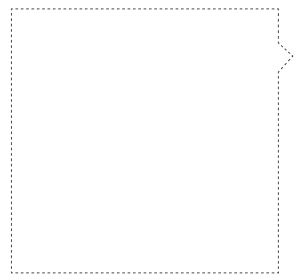
h
Hu
Hu
Hu
g
h
g
Hu
1978
h
h
g
f f
d
h
h
h
h
d



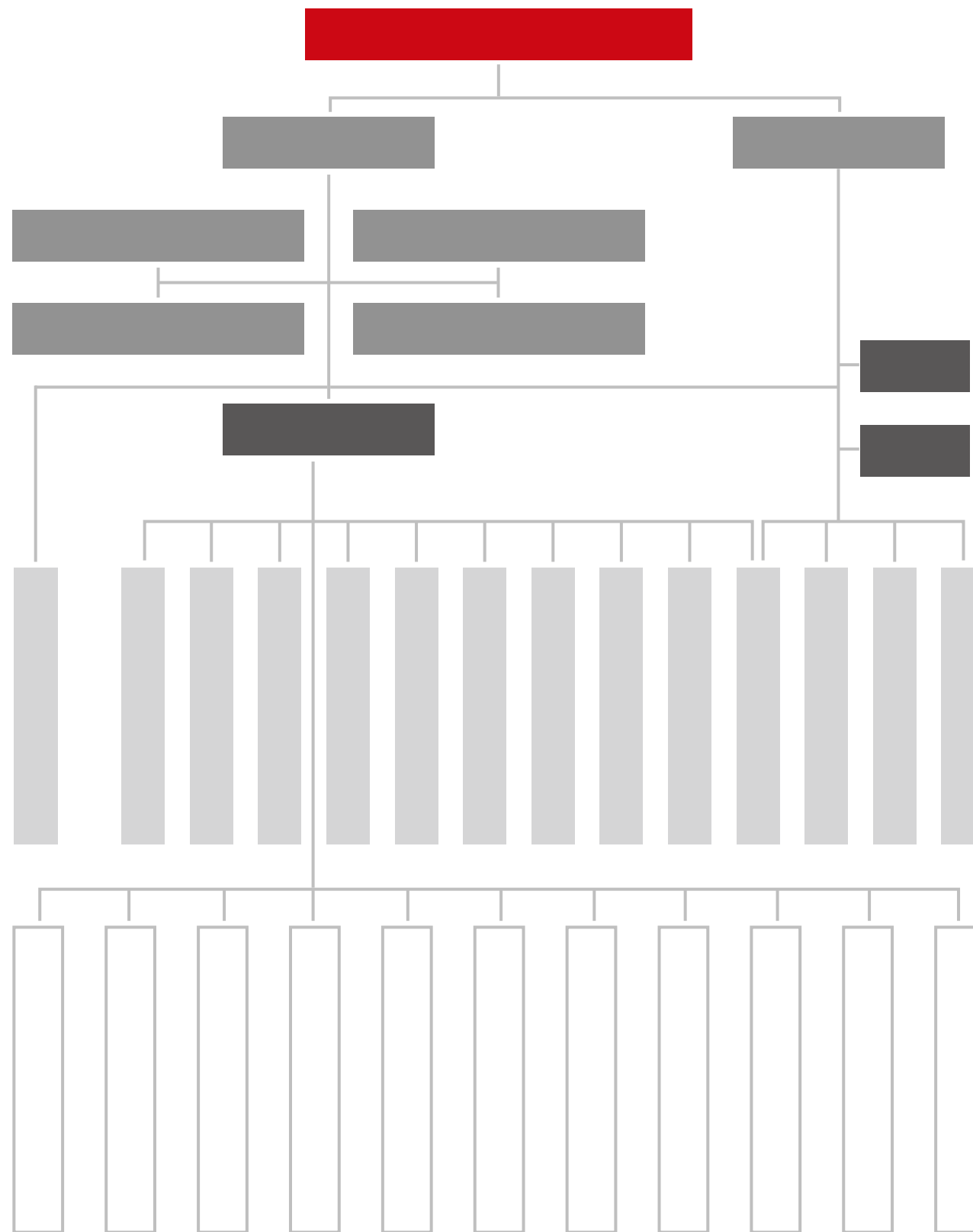
[illegible]

h H h h H G











1



5.2 h
4.6 h G

Hu
Hu
Hu
Hu
Hu
Hu

2



65% H
Hu
Hu
G

Hu
Hu
Hu
Hu

3



24.7 h
G Hu
h
G
Hu

250 h G
12 Hu
h G
Hu

2438 h
2117 h
G

45 h
4
h 10 h
Hu h G Hu



Hu
h
13000 Hu6000
H
T700
h T800 Ÿ
T1000 HuM30 HuM35
M40 Ÿ H
150 f 1660mm²
h 35 f 1100
G
Hu



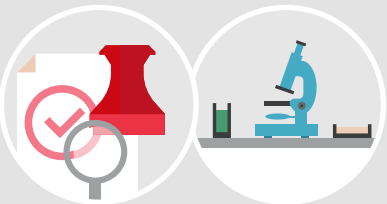
3.15 h
G 1.25MW
6.7MW h 31 80 h
10 60 G
Hu Hu Hu Hu
Hu Hu Hu Hu Hu Hu
Hu
G
Hu



h
G
h
G
100 Hu100
h
G
Hu

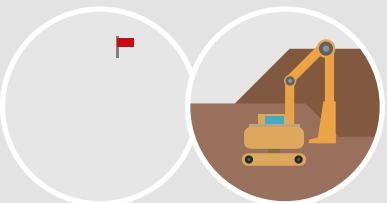
HuPC h
Hu Hu Hu h Hu
h
G
Hu Hu Hu

4



Hu
26
G

5

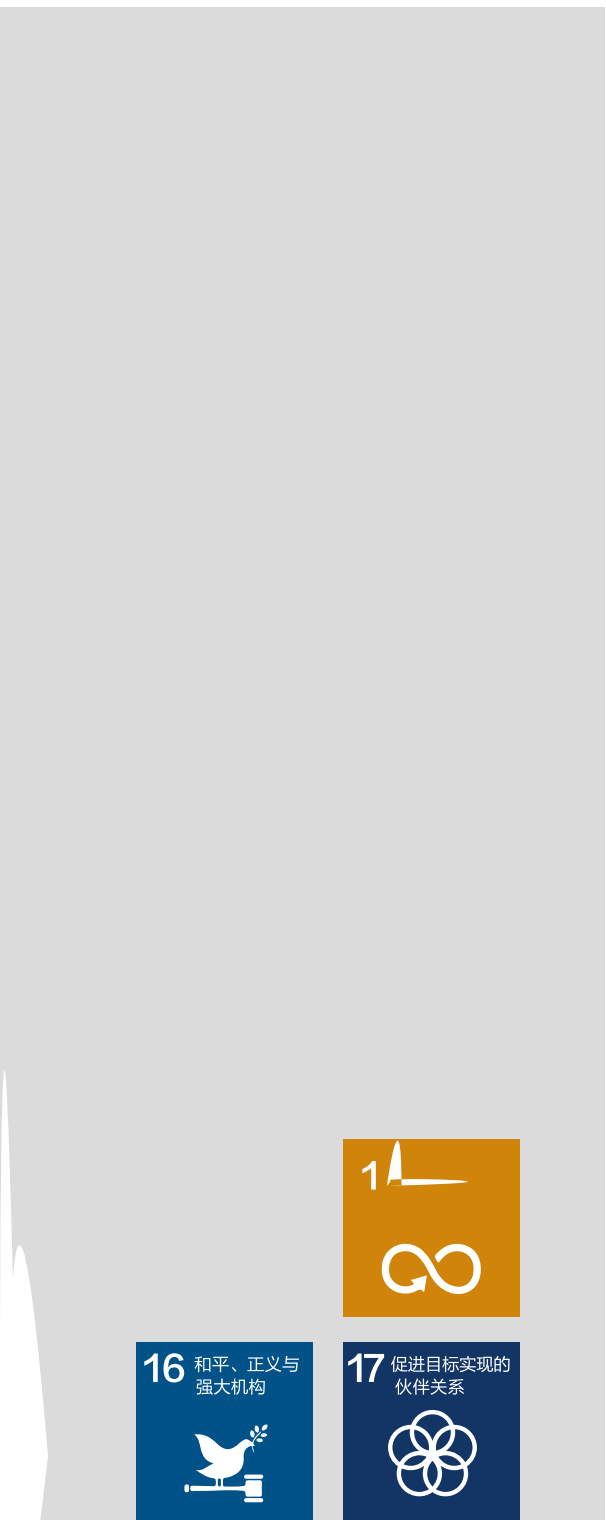


Hu
Hu

6



Hu



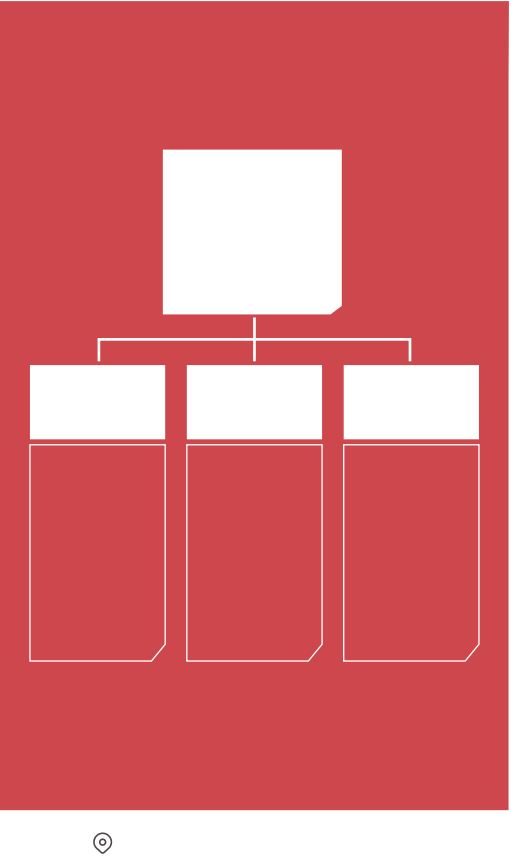
16 和平、正义与
强大机构



17 促进目标实现的
伙伴关系

1+1>2

h
h
g 2018 h
h
d d g



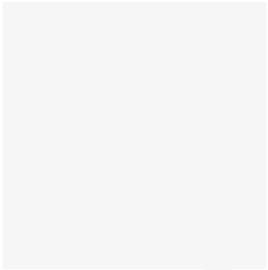
2018

4809

150652

100%

98%



Icon: Ruler and pencil

h
g
h
h
h
h
h
h

Icon: Target with arrow

h d 2422 d
g 167 h
444 h
h
h
h
d d 15.31 h
34 g

Icon: Scales of justice

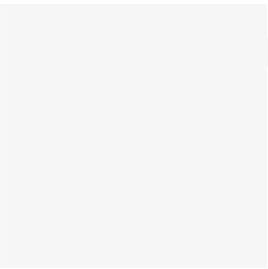
2018 15%
h d d 64
h 0.8 h 717% h
186 h
g

Icon: Shield with checkmark

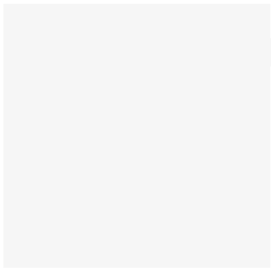
23 2018 h
h
h
164 h
3 h
h g

Icon: Person with gear

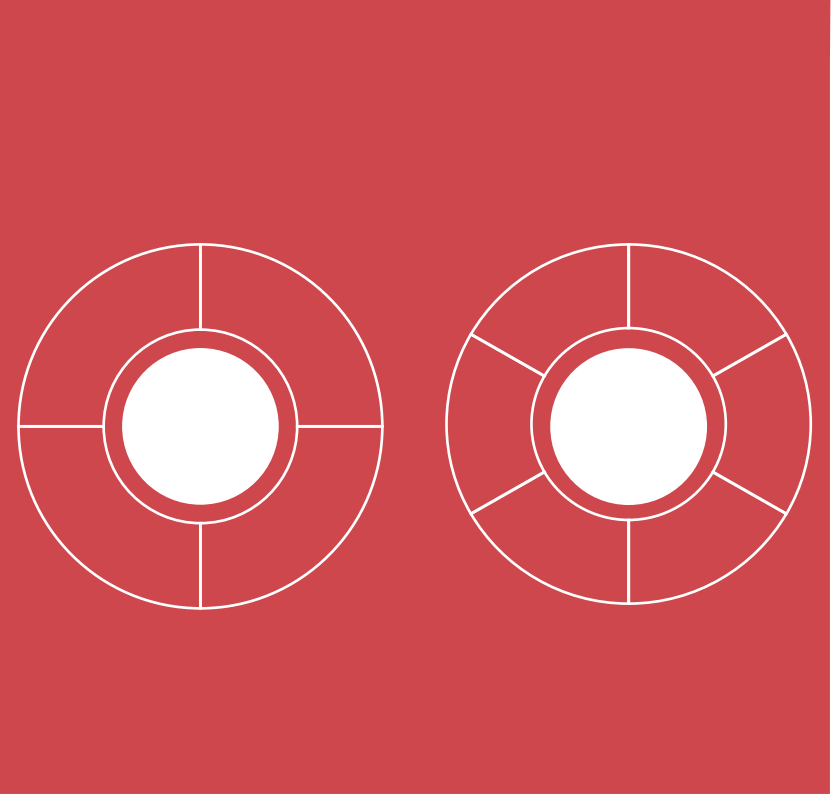
d d Hd d
Hd d d Hd
d d d d
d h d
d h
g



d d h H H
d d h h H + H
g d d h
h h
H h
h H



2018 h f f d d h H
d h
99% h 100% h h g
h
H d d h
d d h
h3 d

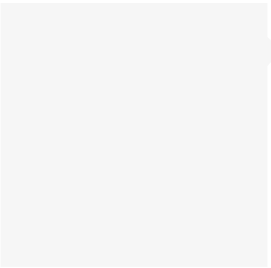


IECRE

2018 10 17-19 h 2018
Y CWP2018 y
g
h
TüVNORD Sinoma59.5D
IECRE h
IECRE
g



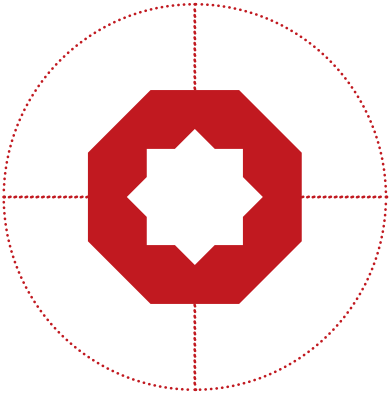
2018 12 28 h
h
11
g h
h
h
h d - -
d
h
g



h d d h d
d h d d g
d d d
h 93 H 13
H
d d h H H
d d H
H h
H H g

h d d h
h h
h 423 h 16 275 H
h 20
h 8
g h H

h d d
h 3
h g
20 h
6238 h 4.6
g d d 215 h
d d 976 h 10 d
d 20 d
d g



2300

45

275

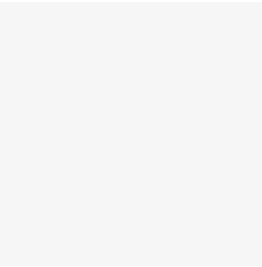


-

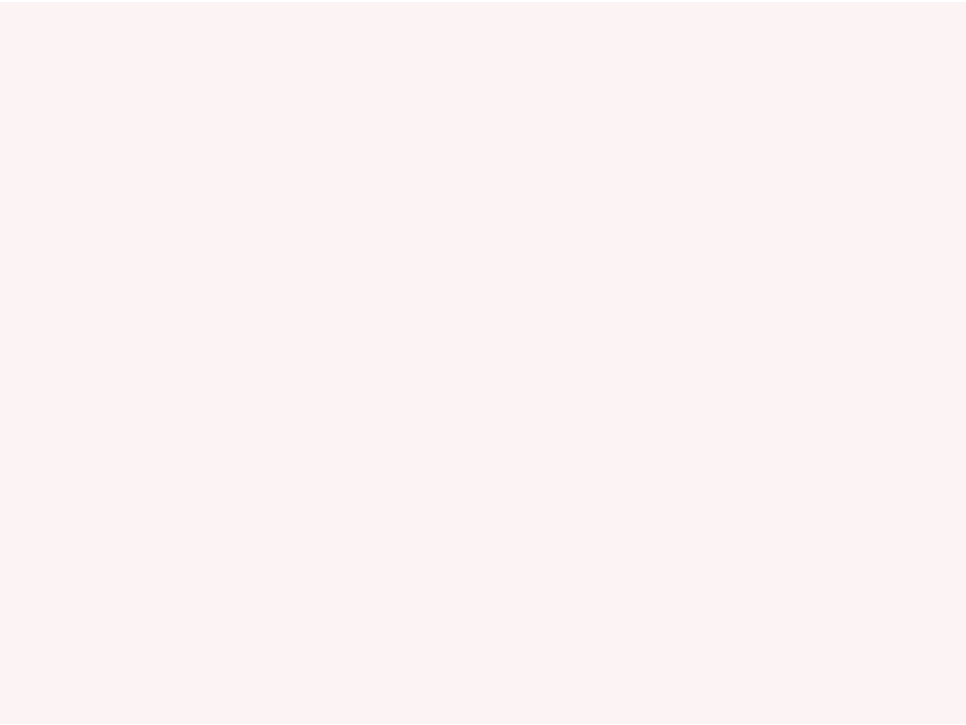




h
Hu Hu d
d g



2018 h d h h H
d h h d H Hu
h H g
H 623.5 H
h h H 1228.05 h Hu
d d h
2 3

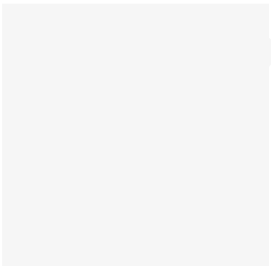




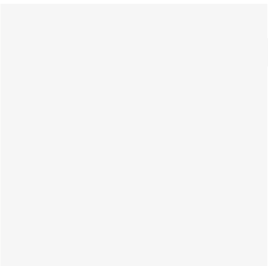
B75



- T1000 H700
Hu
- 1000
- 0.12 Hu Hu
- LZ84-6.0
- d d
- SYT49-24K
- E7HUE8HUE9
- Hu



d d h d d
h d h
g



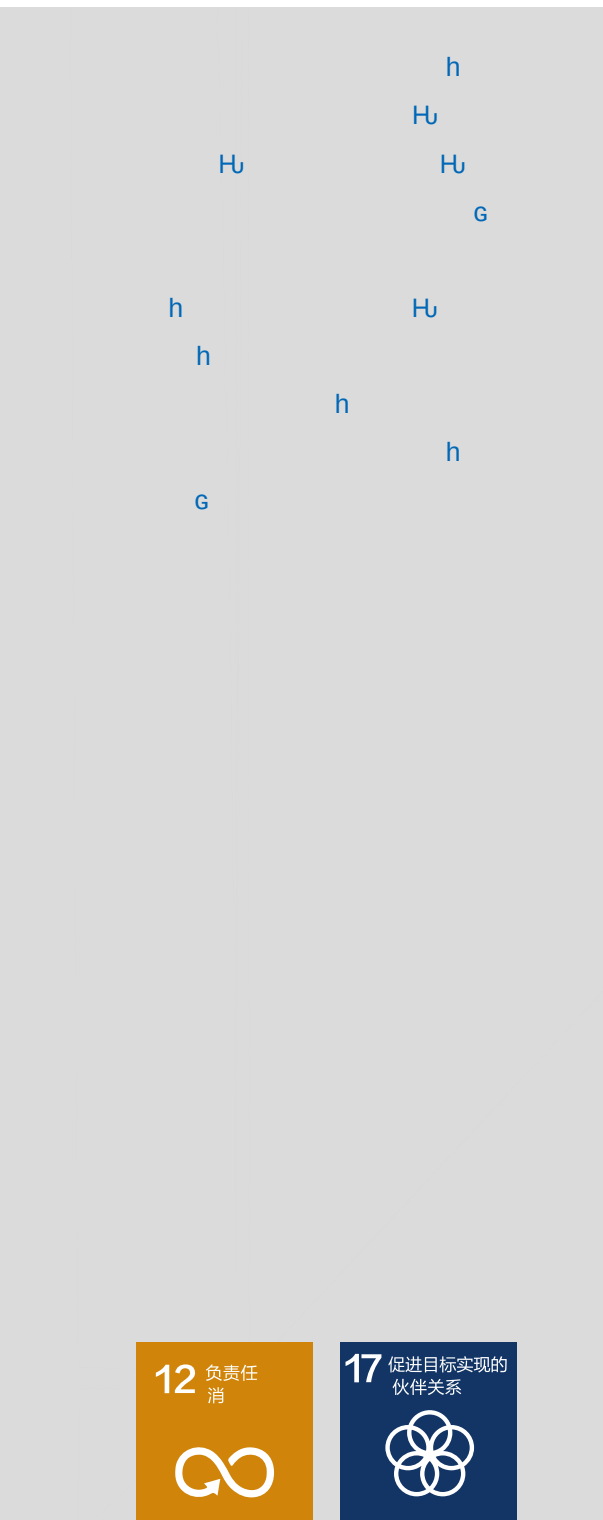
h EPC G 50
h 13 H
g 2018 h 124 H
h Hu
120 H
h H h
h 1.1 g

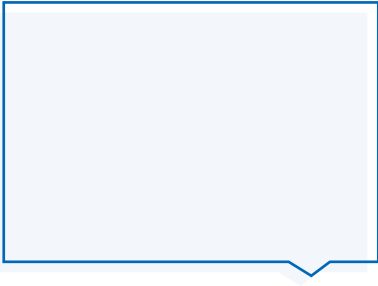


h
b
2018 9 15
CCTV-2 d d h



“ ”
2018 1 10 h d
d h ITO
g f d h g
h PTEF h Hu
h g



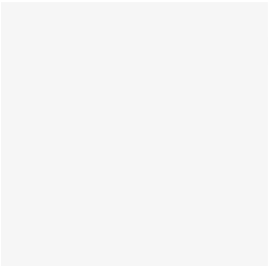


23098

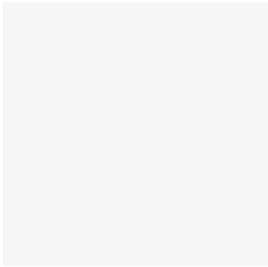
5

14

1

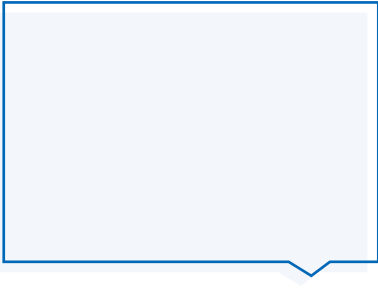


Г	Н	h
Н	Г 2018 h	81.93 Г
		15
ŷ ŷ		8
		26
		3
		7
		1
		13
		20
		5
		10
		6
		3
Н Н		325



h h Н d Н 489
d h Н
h h
Н h
h Г
2018 h





h
d d h
h
H H
g 2018 h
A h
20 d
d h
g



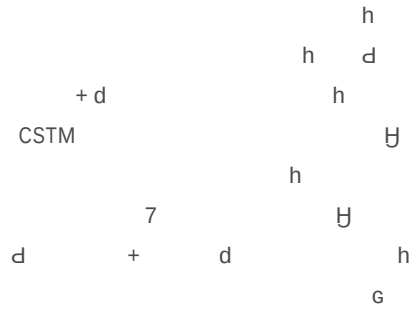
“ + ”
2007 h
Microsoft Dynamics ERP
h
H H H H H H
H H H
d + d
h
H H
H H
h

○ d	d	72	H	19
○ d	d	60		
○ d	d		H	20
○ d		d		h H
○ d	d		h	300
○	d	d	h	
○				

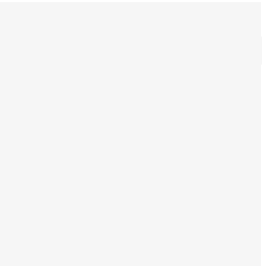
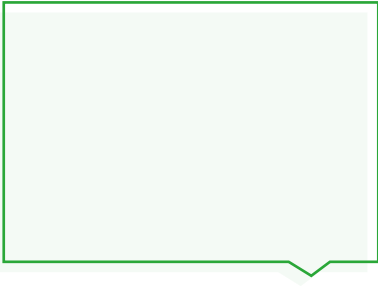
⊙ ŷ ŷ f
d +d h d d
g
h g2018 h
d
d



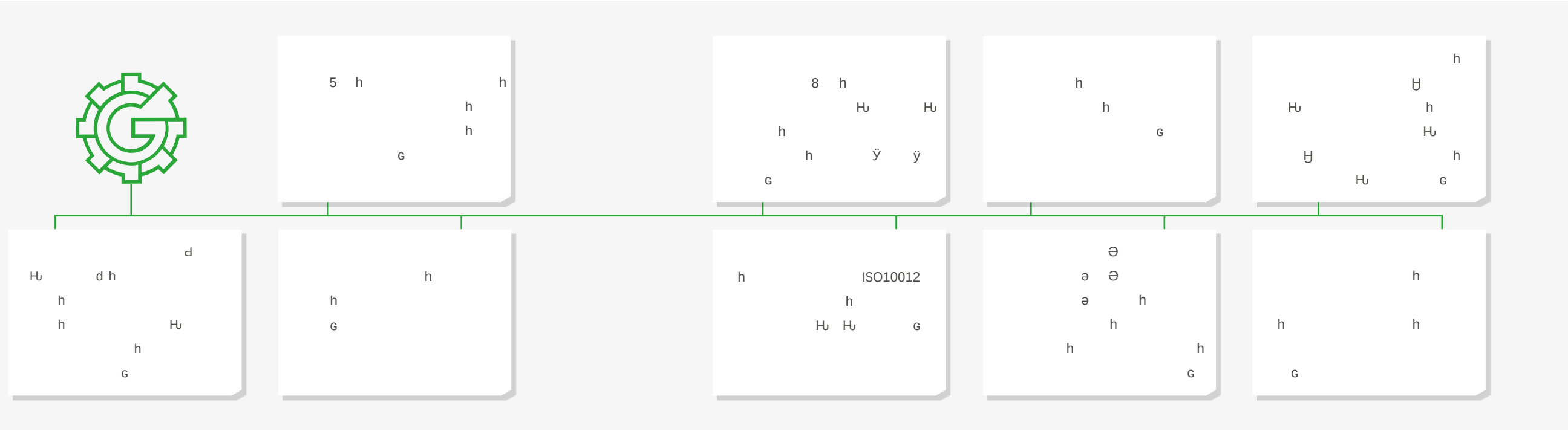
“ ”
H H
h h
h
h
H H
d d h
g
H H H
H H 8
H

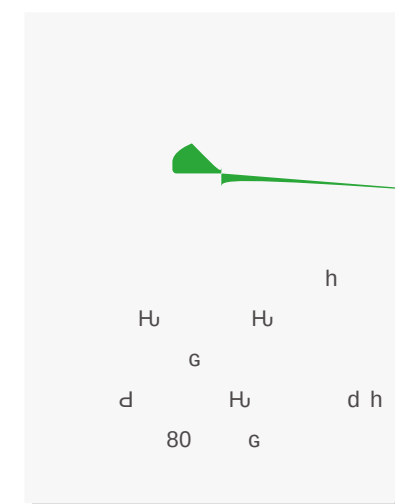
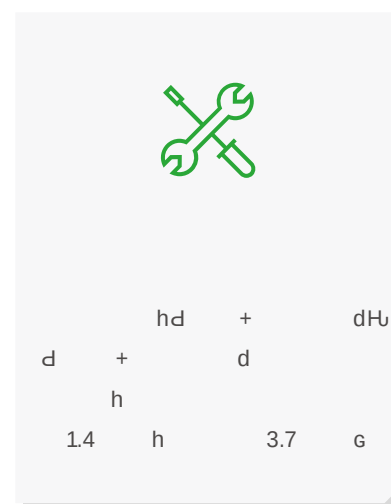
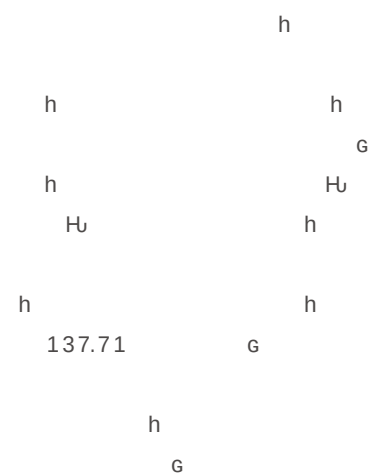
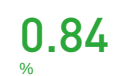
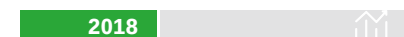


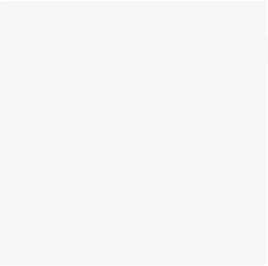




h d H H H H
d h d
d G 2018 h
44 h
0 G





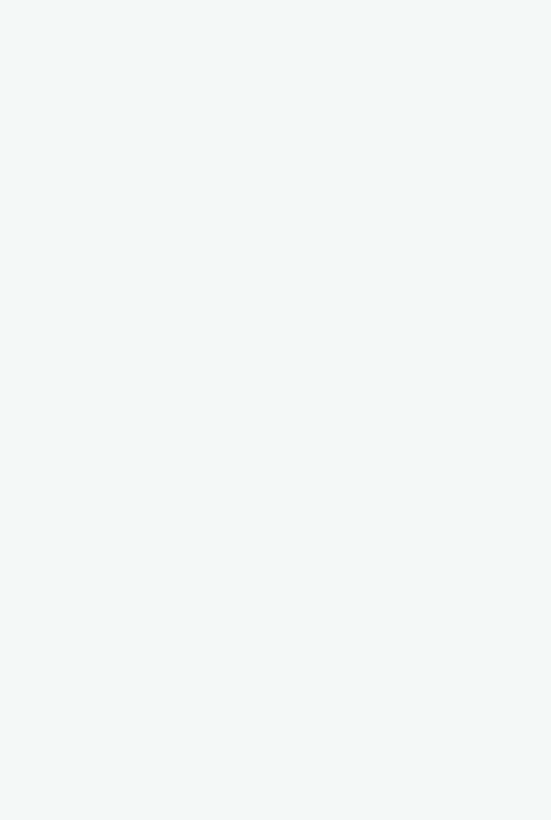


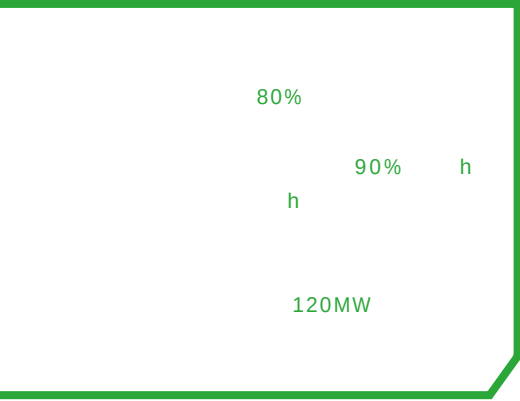
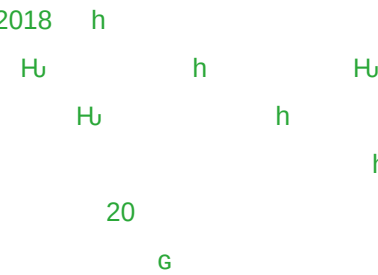
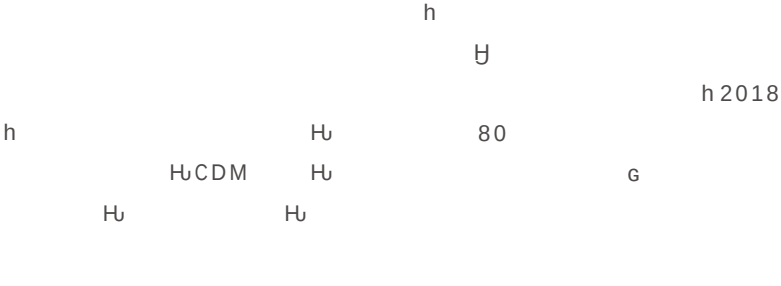
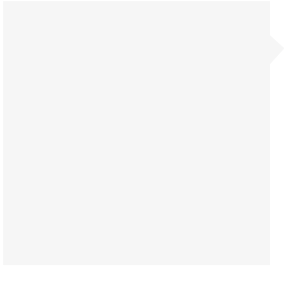
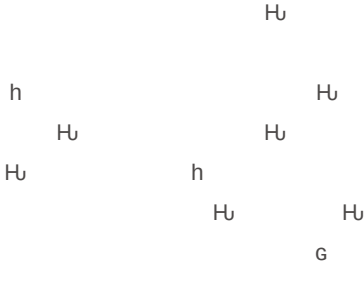
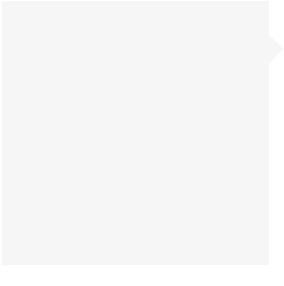
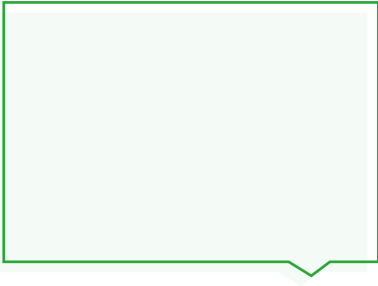
h
h h
h H H
h
G

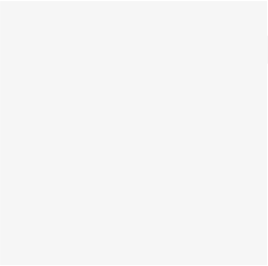
H H h h
h h
d d G
10mg h
G

H h
G h
G

H H h

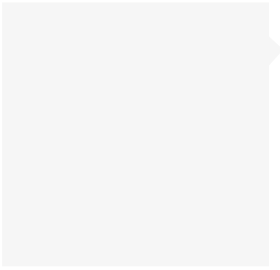




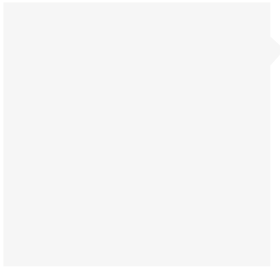


2
G
h
h
G 2018 h
h
H 39 H

h
G
F F
h
G 2016 7
200~500t/d
h
5000t/
d G h
h
2-3
1.2 h
COV
d d 6
100% h
H H H G
2018 h



d dd d
h
Hu Hu Hu Hu Hu
h Hu Hu
Hu
Hu G 2018 h
3302.28
h P



£ ŵ & 6



h

G

h

h

h

h

G

d h

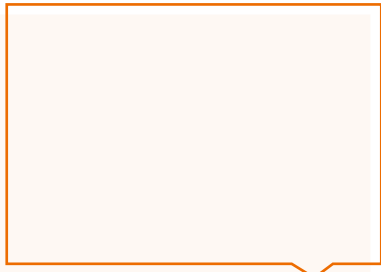
d

10.83

20.86

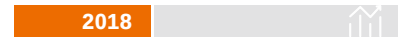
12.32
%





d H
 H H d
 h
 h h
 h
 h ə ə
 ə h ə
 ə h
 d d h
 h
 g

h
h
ə
ə h
h
Hu
G



3

101

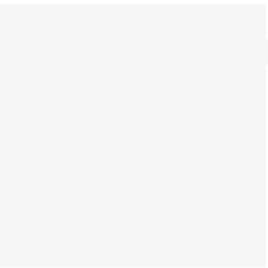


94.15%

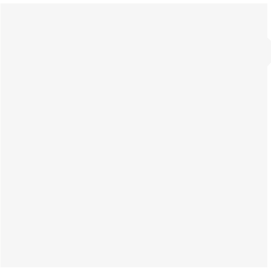
96.88 %

9537

27.24



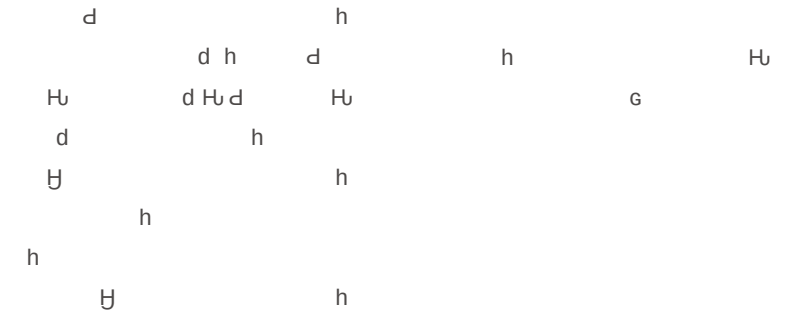
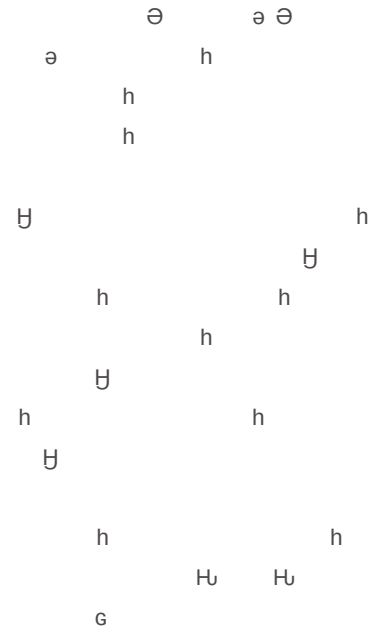
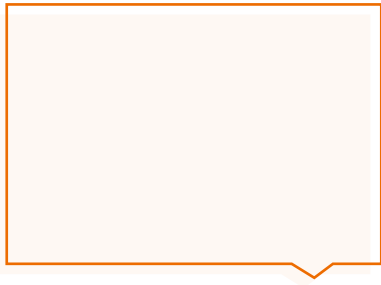
2018 h
h
Hu Hu
h
h
g



h Hu g 2018
h
h
328 h
1 g
d
d h 20 h
12 h
g

172.59





2018 10 21 h

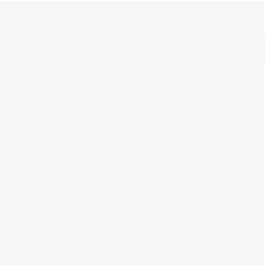
2018

3151

18.8%

92.31
%

13.7



ŷ ŷ

h h h g

h h

h h

h h

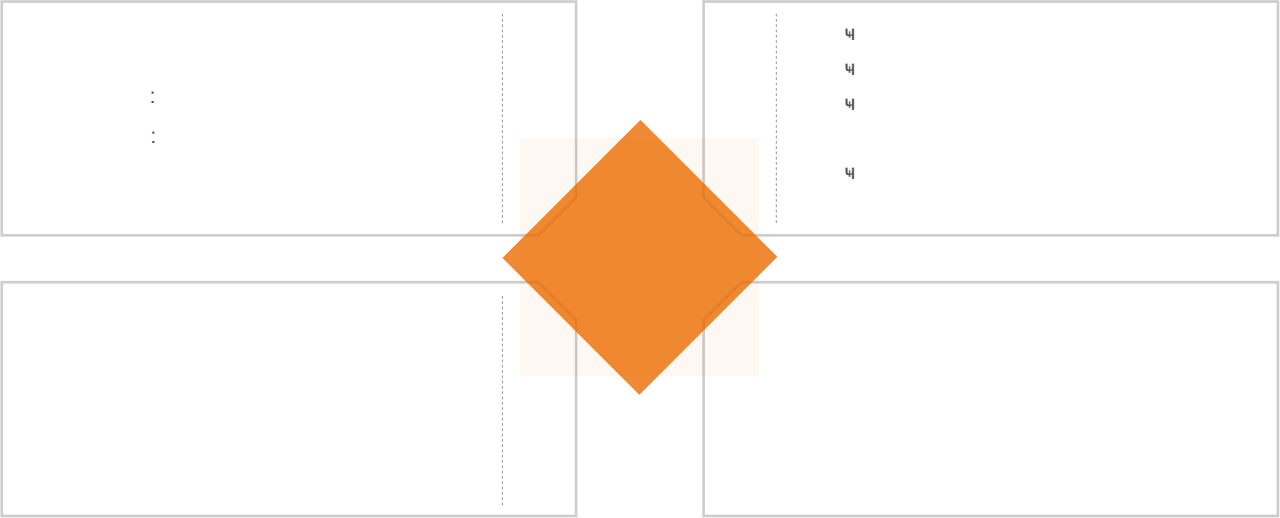


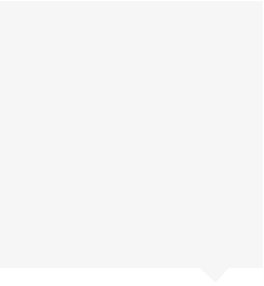
2018

2.51

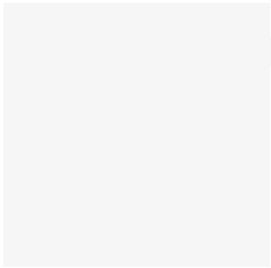
75157

485





h
h ə
 d
 d d
d d d h
 h h
 g



h
h h
 h

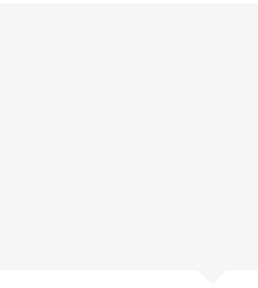
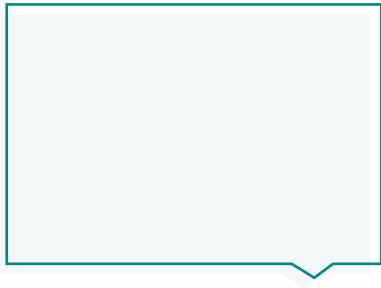
h h h
 g
5027 h
 g

2018 11 h h h g h h
 h h h h h h
d d h h h h h
 15 g h h
 h g h
h h h



h
h d d h
H H H
h H
h
G





h d d
h
h d EPC+
+ + d d h
Hu Hu Hu
7 d g 10 h
d d
312 h 65% H
30 h
20 g 2018
h 170
h y
500 y 71 g

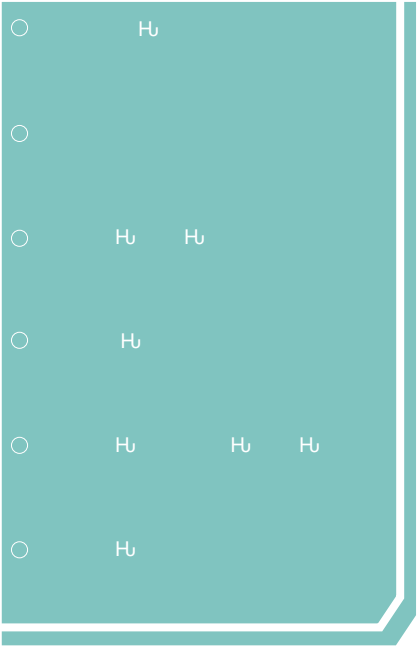
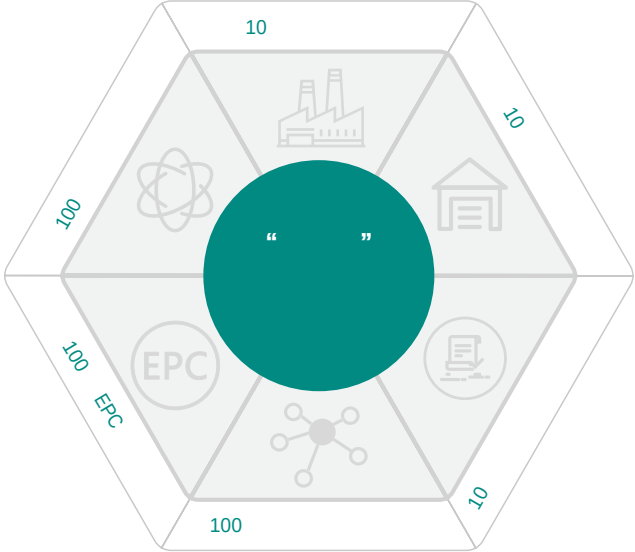
“ ” “ ”

h h

h h

h

h h

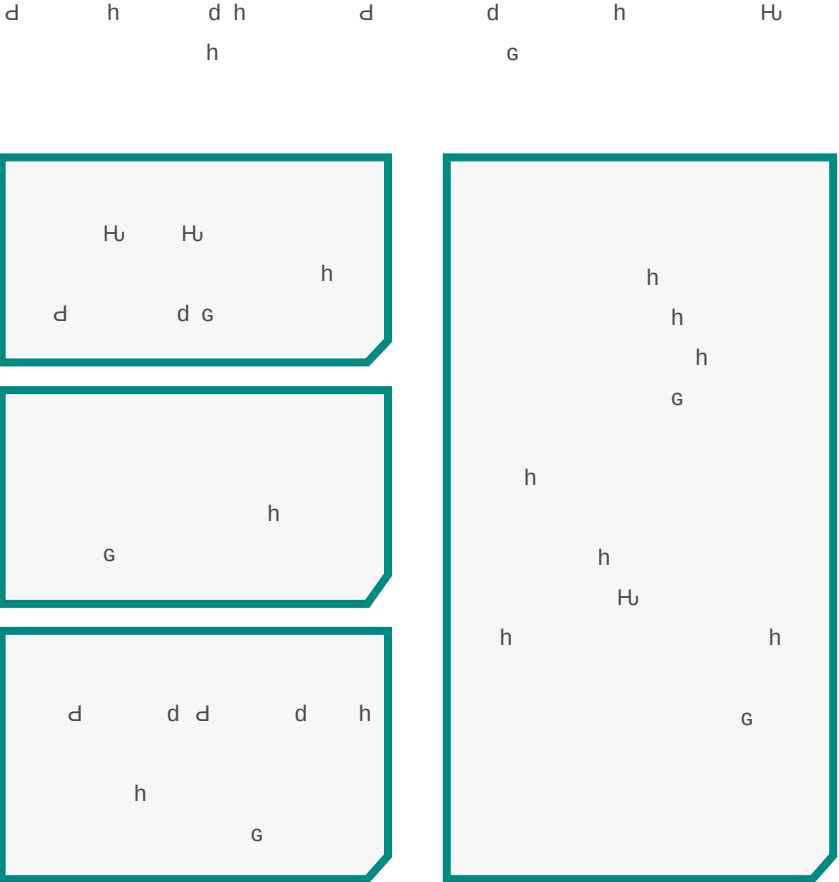
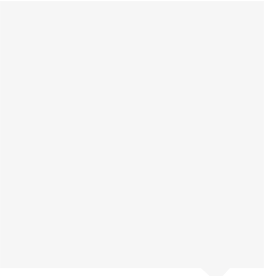


h
h 2000
Hu
g
h g
f f

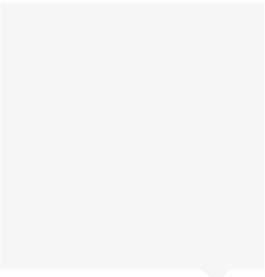
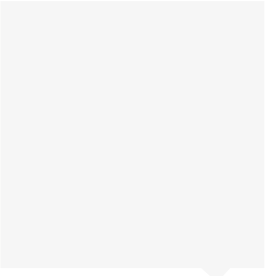


10000TPD

2018 7 26 h
I g
g
h h h d d
Hu Hu Hu h h
h g
h g
h h
Hu Hu
g



2018 11 h
h
h
BHS
h
h
Hu
g

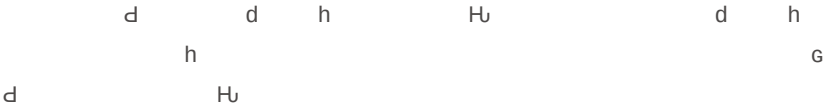
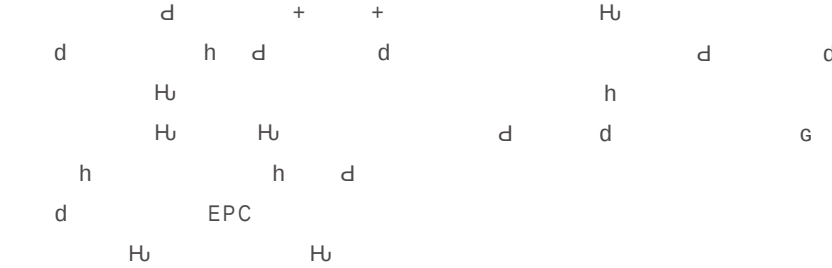


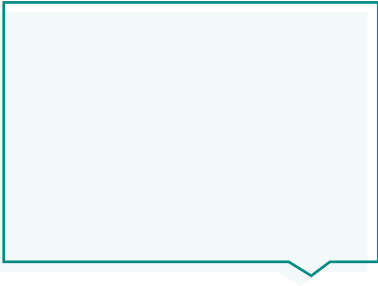
2018

5556.07

87.13

18098





2002

ŷ	ŷH	ŷ
ŷH	H	H
ŷ	ŷ d	d
	h	
H	H	H
H	H	d
d h		g 2018
h	h	H
		g
H	H	
		h
	g	



2018



3247.01

17672

2018 10 22-24 h H H H g

h h h h h
h H h
g
H H H
H H h
g h
H H h
g h h
g



h

[illegible]

h

g 2018 h

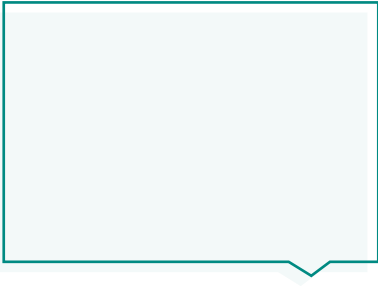
d d

H₀ H₀ d

d H₀ d d H₀ d

d

504 h f



h Hu

h Hu

G

h Hu

G 2018 h

126.94 h

6858 h

629155 G



YOUNG

1 Hu2018 Hu2018 h d h h
Hu2018 h d d h
2018 6 1 h h h
Hu h h
d C C d h

2018 6 20 h Hu Hu Hu
Hu G d
d 1000 h
h h
12 31 h d d
3829.14 h
665.84 G
h d d h Hu

2018

44445

1821

19 /



YOUNG



d H
d h d H
H H d
h
h H H
h H H
H H H
h H H H
H H H
H
G



SDGs

17 促进目标实现的
伙伴关系

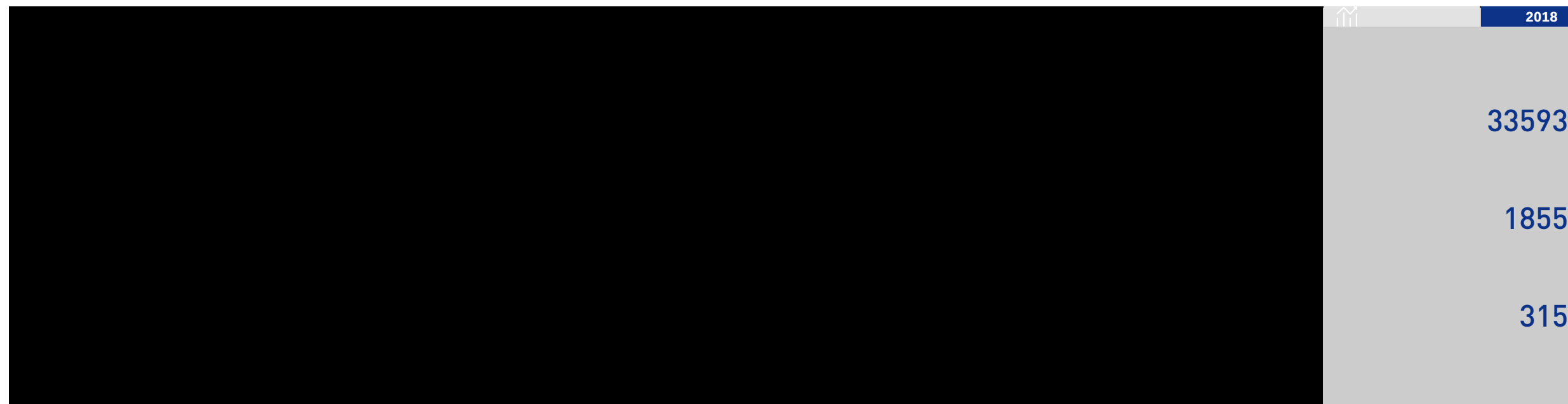
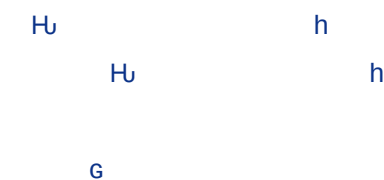


369

2018 300

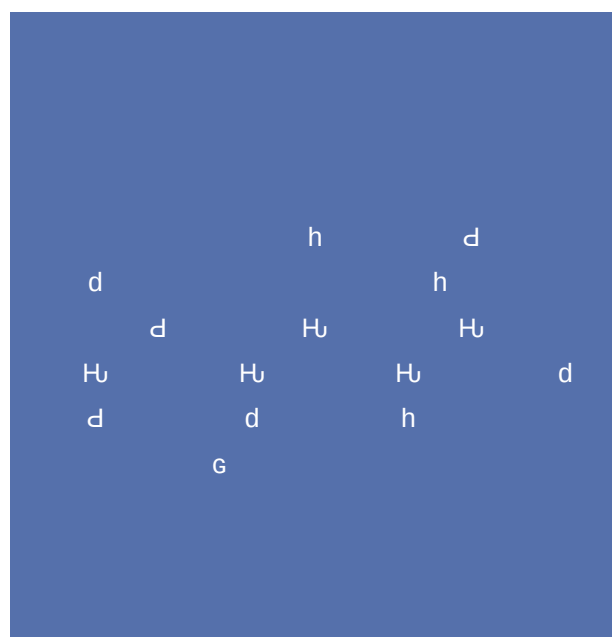
9

113782



 Devnya

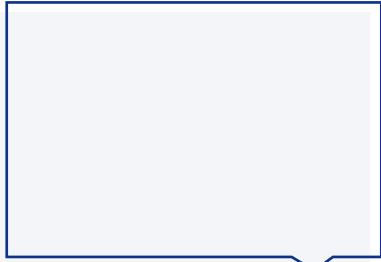




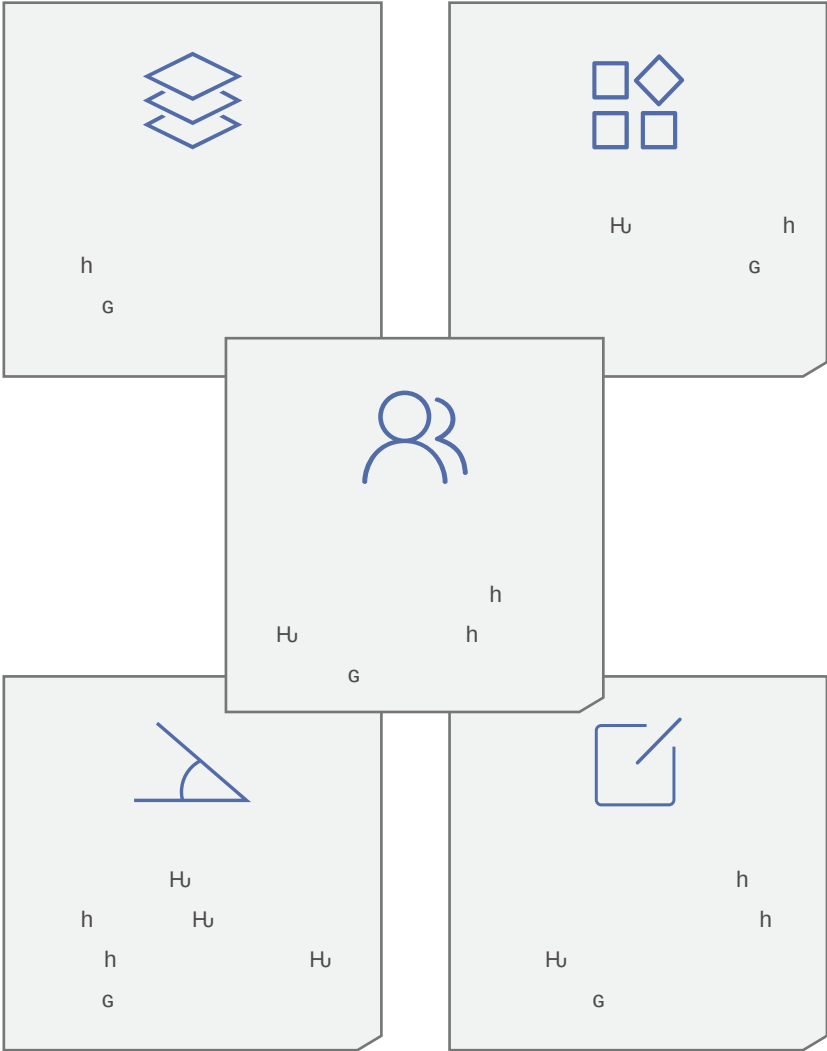
		$\begin{array}{ccccccc} & / & & / & & / & \\ & / & & / & & / & \\ / & & / & & & / & \\ & & & / & & & \end{array}$
	$\begin{array}{cc} d & d \\ d & d \end{array}$	$\begin{array}{ccccccc} & & / & & & / & / \\ & / & & / & & / & / \\ & & & & & / & / \end{array}$
		$\begin{array}{cc} / & \\ & / \end{array}$
		$\begin{array}{c} / \\ / \end{array}$
	H_u	
		$\begin{array}{ccc} / & & / \\ & / & / \end{array}$

2018

[illegible]



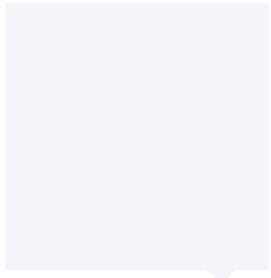
d d h h
Hu
h
h
h
G



2018

15734



2018年，中国非金属矿制品业企业社会责任报告发布数量达到38863份，较2017年增长了41.98%。其中，发布报告的企业数量达到59家，较2017年增长了105%。报告内容涵盖了环境、社会、治理（ESG）三大领域，其中环境领域报告数量达到18.28%，较2017年增长了2342.78%。

2018

38863

41.98%

59

105

18.28

2342.78

CTC

2018

741

1474

63893

100%

99.74%

3.19



d
d d
d

2017
16 H
2018 d
100 d 4 H
d 500 d
8

H
d 40 40
f f
d h d 2018
d h
d 2018
d h
50

H
d CEO d h
d CEO d

d d H
d
d

d
d d 2017
d

d
40 d h d
d

2018
h

d H H
d

d
d H e
d

d
d

d
d

d d d

d 2018
d

101

d d

57 2017



CNBM

2019

70

h

Hu

G

h

h

Hu

Hu

d

d

Hu

d

d

Hu

h

ϕ

Ÿ

G

η

ω^{ac}

ϕ

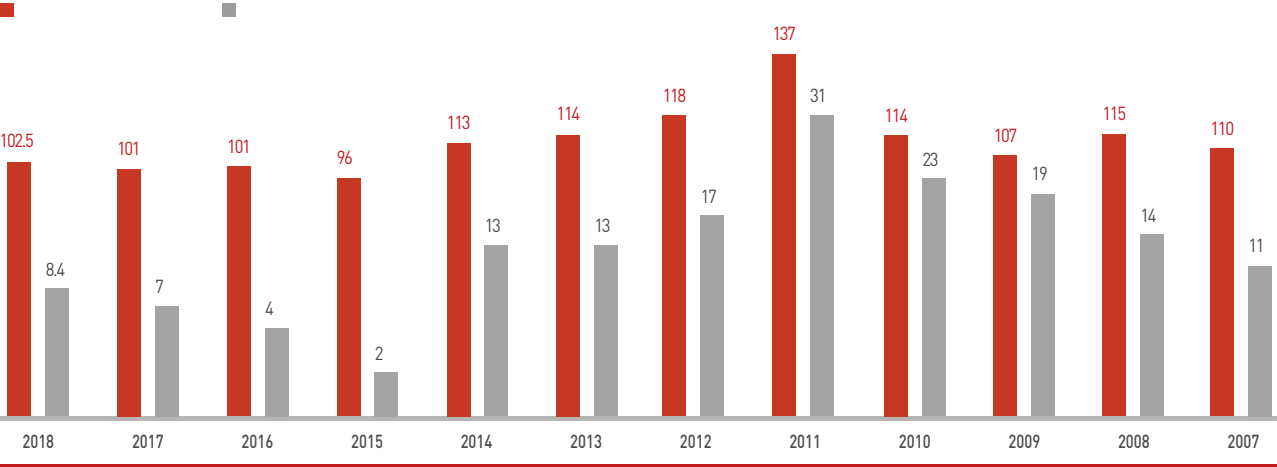
D

2018500			
2018		2018	
		¥	¥
231		46001.7	
243		44701.2	
382	CRH	31069.4	
444	Lafargeholcim	26545.3	

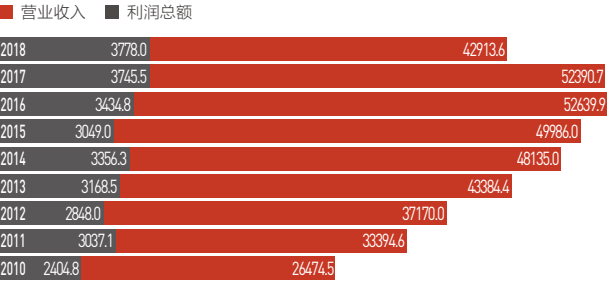
2010-2018

2018	3.4	22.1	39.5
2017	3.4	23.2	41.0
2016	3.2	24.0	42.0
2015	2.4	23.5	41.0
2014	2.5	24.8	41.8
2013	2.4	24.2	40.0
2012	2.7	21.8	38.0
2011	1.9	20.1	36.0
2010	1.7	18.8	33.1

2007-2018



2010-2018



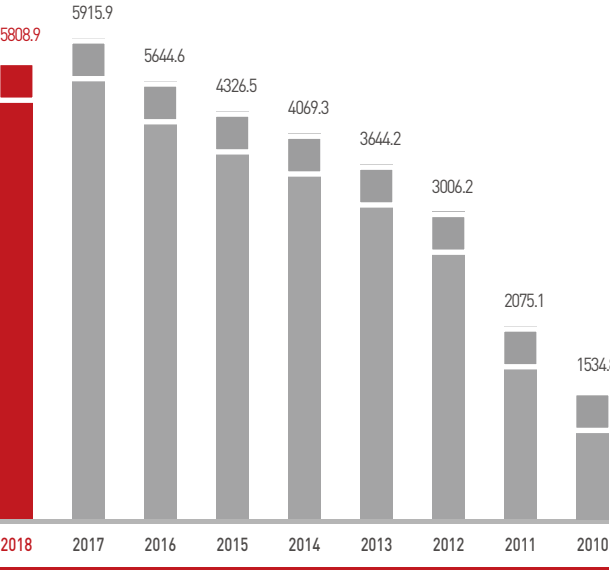
2010-2018

2018	3480	206.6
2017	3021.2	151.1
2016	2612.3	75.8
2015	1992.5	38.4
2014	2504.3	130.1
2013	2522.6	115.1
2012	2174.3	111.6
2011	1940.9	158.5
2010	1353.6	75.6

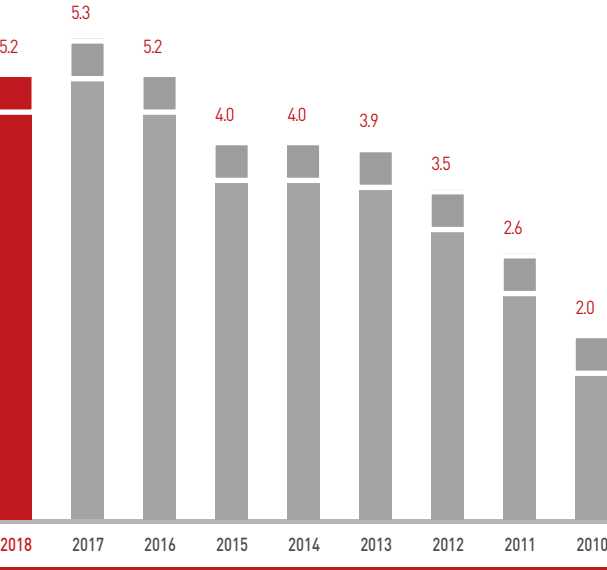
2018

		3323.HK	0.18	0.96
		000786.SZ	0.46	1.46
		600176.SH	0.225	0.6778
		600970.SH	0.265	0.78
		000877.SZ	0.38	1.1835
		600449.SH	0.30	0.8956
		600720.SH	0.296	0.8435
		002080.SZ	0.243	0.7237
		600552.SH	¥ ¥	0.06
		603126.SH	0.07	0.2136
		600876.SH	¥ ¥	0.028
		1108.HK	¥ ¥	0.028
		002066.SZ	¥ ¥	0.0748
		603060.SH	0.265	0.8689

2010-2018



2010-2018



2010-2018

2018	231	1	73
2017	197	2	66
2016	173	2	82
2015	123	0	48
2014	117	1	48
2013	145	1	54
2012	152	0	89
2011	132	2	46
2010	63	0	17

2010-2018

2018	2287	1056	1571	385
2017	2144	1039	1524	428
2016	2156	880	1793	455
2015	1568	566	1492	193
2014	1571	531	1381	106
2013	1262	373	848	128
2012	766	228	729	143
2011	630	170	487	80
2010	514	173	420	54

2010-2018

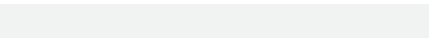
2018	95.4	81.9
È Ö		

2010-2018

2018	167	4	90	73
2017	122	4	90	28
2016	91	2	57	32
2015	62	2	36	24
2014	104	3	35	66
2013	59	1	8	50
2012	22	1	5	16
2011	28	1	15	12
2010	79	0	30	49

2010-2018

2010-2018



2010-2018

2010-2018



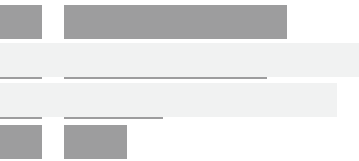
2010-2018

ȳ ȳ		ȳ ȳ
2018	100	35644
2017	74	24093
2016	71	22871
2015	68	22165
2014	67	21750
2013	67	21131
2012	66	20392
2011	53	13368
2010	38	12811

2011-2018



2010-2018

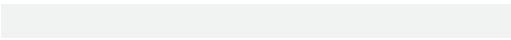


2010-2018

ȳ%ȳ		ȳ ȳ
2018	0.5 †	1
2017	0.5 †	2
	†	



LJ f f f K q f æ † W e † 5 2 E † 1



			G4-18 G4-28-G4-31	P1.1-P1.3
			G4-1 G4-2	P2.1 P2.2 P3.1 P3.2 G2.1-G2.3
			G4-3-G4-8 G4-13 G4-34 G4-38 G4-40 G4-56	P4.1-P4.4 G1.1 G1.2
	“ 1+1>2 ”	9 产业、贸易和 基础设施 12 高质量 基础设施 16 和平、正义与 强大结构 17 促进目标实现的 伙伴关系	G4-42 G4-46	M1.1 M1.3 M2.4 S1.4,
	“ 3 ”		G4-58 G4-EC7 G4-SO3	M2.2-M2.7
		4 优质教育 9 产业、贸易和 基础设施 12 高质量 基础设施 17 促进目标实现的 伙伴关系	G4-EC4	M2.4-M2.7
		6 清洁能源 12 高质量 基础设施	G4-EN29 G4-EN31	E1.1-E1.5 E2.5
			G4-EN3 G4-EN5 G4-EN15 G4-EN19 G4-EN21-G4-EN23	E1.7-E1.10 E2.6 E2.7 E2.10-E2.12 E2.15 E2.16 E2.25
			G4-EN6 G4-EN7	E2.3 E2.4 E2.6
			G4-EN12 G4-EN13	E1.6 E2.17 E2.19 E2.21 E2.23 E2.24 E3.1 E3.4-E3.6
			G4-LA6	S3.1-S3.7
			G4-9 G4-10 G4-LA1 G4-LA9 G4-LA10 GE-LA12 G4-HR1-G4-HR5	S2.1-S2.10 S2.14-S2.16 S2.19
			G4-HR8-G4-HR12	S2.11-S2.13 S2.17 S2.18,

