

2016 | CHINA NATIONAL BUILDING MATERIAL GROUP CO., LTD Sustainability Report

CHINA NATIONAL BUILDING MATERIAL GROUP CO., LTD

Sustainability Report 2016



CBMI DEVNYA Ce e P. jec i B. ga la



China National Building Material Group Co., Ltd.
Address: Building 2, Guohai Plaza, 17 Fuxing Road, Haidian District, Beijing
Post code: 100036
Contact: Liang Xiao
Email: csr@cnbm.com.cn
Telephone: 010-68138139
Fax: 010-68138088
Website: www.cnbm.com.cn



This Report is prepared by China National Building Materials Group Limited (CNBM) and China National Building Materials Group Limited (Singapore Branch) (CNBM Singapore Branch).

On August 26, 2016, the Board of Directors of China National Building Materials Group Limited (CNBM) and China National Building Materials Group Limited (Singapore Branch) approved the 2016 Sustainability Report of CNBM and the 2016 Sustainability Report of CNBM Singapore Branch.

The 2016 Sustainability Report of CNBM was published on December 31, 2016, and the 2016 Sustainability Report of CNBM Singapore Branch was published on December 31, 2017.

Appendix

Appendix 1: List of Directors and Supervisors of China National Building Materials Group Limited

The 2016 Sustainability Report of CNBM is available in Chinese and English. The Chinese version is the original version, and the English version is for reference only. In the event of any discrepancy between the two versions, the Chinese version shall prevail.

This report is prepared according to the Guidelines for the Preparation of Corporate Social Responsibility Reports in China (CASS-CSR 3.0) issued by the China Academy of Social Sciences, CNBM Administrative Social Responsibility Fulfillment Measures and CNBM Social Responsibility Management Information Collection Measures. The details are as follows:



This report is prepared according to the Guidelines for the Preparation of Corporate Social Responsibility Reports in China (CASS-CSR 3.0) issued by the China Academy of Social Sciences, CNBM Administrative Social Responsibility Fulfillment Measures and CNBM Social Responsibility Management Information Collection Measures. The details are as follows:

The 2016 Sustainability Report of CNBM is available in Chinese and English. The Chinese version is the original version, and the English version is for reference only. In the event of any discrepancy between the two versions, the Chinese version shall prevail.

The 2016 Sustainability Report of CNBM is available in Chinese and English. The Chinese version is the original version, and the English version is for reference only. In the event of any discrepancy between the two versions, the Chinese version shall prevail.

The 2016 Sustainability Report of CNBM is available in Chinese and English. The Chinese version is the original version, and the English version is for reference only. In the event of any discrepancy between the two versions, the Chinese version shall prevail.

The 2016 Sustainability Report of CNBM is available in Chinese and English. The Chinese version is the original version, and the English version is for reference only. In the event of any discrepancy between the two versions, the Chinese version shall prevail.

The 2016 Sustainability Report of CNBM is available in Chinese and English. The Chinese version is the original version, and the English version is for reference only. In the event of any discrepancy between the two versions, the Chinese version shall prevail.

The 2016 Sustainability Report of CNBM is available in Chinese and English. The Chinese version is the original version, and the English version is for reference only. In the event of any discrepancy between the two versions, the Chinese version shall prevail.

The 2016 Sustainability Report of CNBM is available in Chinese and English. The Chinese version is the original version, and the English version is for reference only. In the event of any discrepancy between the two versions, the Chinese version shall prevail.

The 2016 Sustainability Report of CNBM is available in Chinese and English. The Chinese version is the original version, and the English version is for reference only. In the event of any discrepancy between the two versions, the Chinese version shall prevail.

You can provide feedback on this report through the QR code on the back cover, WeChat, or other channels. We will be happy to receive your feedback.



Scan the QR code to provide feedback through the website.

Scan the QR code to provide feedback through WeChat.



Chairman's Address



Chi a Nai a Bidi g Ma eia G - C ,
Ld.(CNBM) i a e , age fde e e .
O A g . 26 h,2016, O a g . 26 h,2016,
he ,igi a CNBM i c . aed ih SINOMA.
CNBM beca e he "ai ca f ca .ie" i ha , d
bidi g a eia . aea. The bjecie f he e
g - i j . be agei . caeb . e
f bei g'age' \ ad bei g'gea' a , d-
ca . c . ehe . i ebidi g a eia . i d . k
g .

Chi a' ec . i c . e . i ag . da . age
f hec i . . . a . f . ai f he d
a d e . e . . a . e a e c . ic
e . . c . i ga d . gadi g . f . cae e . ai
i hefi . 'L g Mach' f Chi e e e . i e
i ce . ef . a d e ig . , he . ec d L g
Machi . a . i i f . L age Gea . Agea
e e . i e ha heei . a fea . e . : hefi .
i ha i g agei d . . . cae d . , g ake
i f - e ce ; he . ec di achi . e i g . a ki g
b . i e . ef . a ce a d ce a i g . g - e
a . ef . he . ha e h de . ; he hi di ha i g
g . . ai abede e . e ca ad .
e ai i . i cbe h - gh . ef . eg . ai
e ga de . f ha ha e . i he ake .

Thei . a . i e . a . f . ai f ' age' gea'
i a i e i abec . . e . a beak h - gh a h
a da . ad f . . i . f . he . ec d L g
Mach . The e CNBM i de e i ed bec e
agea c . a . a da a . idf . dai f .
ai abede e . e . O . . a . egic . i i
bida . d . ca . c . ehe . i ebidi g
a eia . i d . k . g . i he bidi g a eia .
i d . k . a d . . i i gi bec ea
eade f i d . i a c . i dai , a i . a .
f . a . f . ai a d . gadi g a da i ee
f . d . ci ca aci . c e ai a g
i e ai ac . i i e . B ce a i g he hee
c . e h - ghi . ai , gee de e e ,
a di e ai ac e ai , e ai a a
high - e di e i ge , gee a di e ai a
a . f . ai .

Bei ghigh - e d ea . e ha ci g . . c . a
adj . e a d ech gica i . ai ,
f . he e e di g hei d . . i a chai h - gh
hec . ehe . i e a i ca i f . - ch de .
a a - fac . i gi d . . e . i dai , he
c bi ai f . d . ci a d . e ea cha d
i ega edi . ai , c . a . a . gadi g
ad high - e d f he . a - echai a d
i ce a i g he . ea . a - e f he e e . i e . A
age - be f high - e d CNBM . d . c . ha e
g . . i c . di g . ecia ce e , eec . ic
ga . , h . aic (PV) ga . , . aigh a d
e . . g a eb ad . - g ad e ga . fibe
eec . ic a , CIGS ce . , T-800 ca b fibe ,
i hi ba e . ack a di d . i a ce a ic .

I e i ge cei hec . e f l d . k . 4.0' a d
'Made in China 2025' a di . a . he aj .
a . f . ai a d . gadi g di eci f he
a - fac . i gi d . . . Chi a U ied Ce e
Tai ha C . , Ld . ha b i ha . d . fi . '1 d . k
4.0' i e i ge 'd ea ce e fac . ' . The fac .
ha . e a i ed : a ed . d . ci h - gh
f GPS . i i i g . bie i e e , big da a

ce . i ga da ificia i e i ge ce . . e . . The
a age e f he . d . ci i ei he ef . e
h . a d hei dica . . fe eg efficie c ,
e . i e a . eci a d ef . a ce
ha e . eached ha . dad . a ced e e . Th - gh
dee . i ega i gi e i ge ca i high - e d
d . c . y . eca . achi di id . ai ed c . . e
de a d i h . a . . d . ci , a d achi e
c . . b - da . e ai , h . . . ig
digi ai fke e . i e . , e ha ci g
i e i ge ce f ech . gica f . , ed . ci g . . .
a i ge eg a di ce a i gefficie c .

'Gee' ea . acie . e . dig ci ae
cha gea d . e ca aci . , a feg . a di gg ba
ec gica . ec . i . a dad he i g . gee , -
cab a d cica de e . e . U h di g
g . a . a . e , CNBM ace he
e . i e . . ec . i . , - ai , ech g a d
c . . i . de fi . a ce a di e e ed
he 'B - eSk Re . i . i . 'aci . a . We
ha e bee . ig i ge eg
c . e . ai . e . i . i . ed . ci . , a . f . ai
a d . gadi gi ke . fied . - cha e eg
c . e . ai . a d . c . ed . ci . , . i
a de i . i . ed . ci . , ec gica . , eci ,
a d d i c . a ec . . l . e . . f . a . a eia ,
e . ick . he i dea f d i c . a ec . . . e
i d . i a . a ea d . ba c . . . ci . a e
a . . ha . eca . O . a - fac . . . i f
i d . i a . a e ha e ceeded 100 i i . . .
D . ig . d . ci . y . e . i . ef . e . e . i i f
a e a e ga a d a eia , a d . i . i . e
e . . ec ci gca aci . , eadi g hei d . . i
e eg c . e . ai . , . . e . i . ci . a d
e . f . eg . a e de i . i . ed . ci . . F . , d . c
a i ca i y . e . acei . a ce e eg
c . e . ai . e . i . e . a . e . ci . c . f .
a d hea h . a d . i e . . i de . - ai . a d
e . i . e . a . fie d . , d . c . .

I e ai a' ea . acie . . i g he
'GigO' f e . i e a di e ai a
d . ci ca aci . c e ai , f . e . i g
hebig ake f O e Be , O e R ad i . ai g
'GigO' . a . egie a d . i g . bid he
ech i ca e . i e f bidi g a eia . a he
e ba da e f Chi e e i d . k . We a e
c . i ed bid . e hidde cha i . ,
ad a ce . . ech g , a de . e he
i e ai a a ke , i h heg a f cha gi g
f "bei g ha . d . fac . k . " " ha . d
i . . fac . k . " " Wa i f c . . he id -
high - e di e ai a ake , i . . e he
c . effecie e . f . . d . c . a d ace
e ha i i e ai a , d . ci ca aci .
c e ai . Whie achi gi . a ce
c . i e a g he 'Be a d R ad' i i a i e . e
a . i e E . . ea d he U ied S a e a . .
i . a . ake . .

CNBM' a h f . . ai abede e . e
i ba ed he' h eec . e' f i d . i a
i . ai , a . f . ai a d . gadi g .

Thefi . c . , ei he . gadi g fe i i g
i d . i e . CNBM ha ca a d R ad , i e Ee

ce . i ga da ificia i e i ge ce . . e . . The
a age e f he . d . ci i ei he ef . e
h . a d hei dica . . fe eg efficie c ,
e . i e a . eci a d ef . a ce
ha e . eached ha . dad . a ced e e . Th - gh
dee . i ega i gi e i ge ca i high - e d
d . c . y . eca . achi di id . ai ed c . . e
de a d i h . a . . d . ci , a d achi e
c . . b - da . e ai , h . . . ig
digi ai fke e . i e . , e ha ci g
i e i ge ce f ech . gica f . , ed . ci g . . .
a i ge eg a di ce a i gefficie c .

'Gee' ea . acie . e . dig ci ae
cha gea d . e ca aci . , a feg . a di gg ba
ec gica . ec . i . a dad he i g . gee , -
cab a d cica de e . e . U h di g
g . a . a . e , CNBM ace he
e . i e . . ec . i . , - ai , ech g a d
c . . i . de fi . a ce a di e e ed
he 'B - eSk Re . i . i . 'aci . a . We
ha e bee . ig i ge eg
c . e . ai . e . i . i . ed . ci . , a . f . ai
a d . gadi gi ke . fied . - cha e eg
c . e . ai . a d . c . ed . ci . , . i
a de i . i . ed . ci . , ec gica . , eci ,
a d d i c . a ec . . l . e . . f . a . a eia ,
e . ick . he i dea f d i c . a ec . . . e
i d . i a . a ea d . ba c . . . ci . a e
a . . ha . eca . O . a - fac . . . i f
i d . i a . a e ha e ceeded 100 i i . . .
D . ig . d . ci . y . e . i . ef . e . e . i i f
a e a e ga a d a eia , a d . i . i . e
e . . ec ci gca aci . , eadi g hei d . . i
e eg c . e . ai . , . . e . i . ci . a d
e . f . eg . a e de i . i . ed . ci . . F . , d . c
a i ca i y . e . acei . a ce e eg
c . e . ai . e . i . e . a . e . ci . c . f .
a d hea h . a d . i e . . i de . - ai . a d
e . i . e . a . fie d . , d . c . .

I e ai a' ea . acie . . i g he
'GigO' f e . i e a di e ai a
d . ci ca aci . c e ai , f . e . i g
hebig ake f O e Be , O e R ad i . ai g
'GigO' . a . egie a d . i g . bid he
ech i ca e . i e f bidi g a eia . a he
e ba da e f Chi e e i d . k . We a e
c . i ed bid . e hidde cha i . ,
ad a ce . . ech g , a de . e he
i e ai a a ke , i h heg a f cha gi g
f "bei g ha . d . fac . k . " " ha . d
i . . fac . k . " " Wa i f c . . he id -
high - e di e ai a ake , i . . e he
c . effecie e . f . . d . c . a d ace
e ha i i e ai a , d . ci ca aci .
c e ai . Whie achi gi . a ce
c . i e a g he 'Be a d R ad' i i a i e . e
a . i e E . . ea d he U ied S a e a . .
i . a . ake . .

e . i . i . e i fca i . e . ice . The f . . hi EPC
e gi e i g . e . ice . Wa i acie e . e
he . e . ea e gi e e i g . e . ice . ake a d
i . a e he EPC . . . ci . . de . Wa i a .
dee e . . c . e ai . i hi d . k . a e . ,
akef . . e f hel e e , i f . ai a d
a ech g , c . i da i e . e . ,
a age e a d f . . . e . ice , a d
gea e e ea fe . i e g i g . The
f i h i . d . ci a d a - fac . i g . e . ice .
Th - gh hec . . . ci . f . a i d . k . .
a . y . e i ad he GE . def . c .
c . . e de a d a d ca . . . e . e
e ai a d ai e a ce a a . e . ice
ackage f e ai a d ai e a ce .

De i e hecha e ge a d d i f f i c i e y . a i
f . gea head . Agea c . a . i e . e . ia .
h a e da d i e b . a - e ce ai y . h i ch
ha . be . e ai ed h - ghi . ai a d
a . f . ai . We ha e hec fide ce ,
de e i ai a d e . e a ce bida g
a i ge e . i a i h f . eigh a d c . i e
e ce e ce h - gh he . ec d L g Mach .
CNBM . i . aeg ai . j i ha d i h he
akeh de . ce a e he gea e . a e a ef . he
gea e . be f e e .

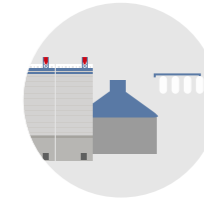
S g Zhi g

W . d . age g . b a d

W . d . age c e c i a
c c e e . d c e

La ge c a b b e . d c e
i Chi a

Business Activities



Generation

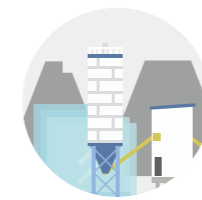
CNBM has a total installed capacity of 520 million kilowatts, with 470 million kilowatts of coal-fired capacity, 40 million kilowatts of natural gas, and 10 million kilowatts of hydropower.

China United Energy Chemical, Shenhua Chemical, United Nuclear Energy Chemical, CNBM Energy Chemical, Xijiaoguan Energy Chemical, Niuguan Biogas, Guoqian Energy Chemical.

Finance

CNBM has a total assets of 192 billion yuan, with a high-quality assets of 13 billion yuan.

Tianjin Science & Technology



Engineering & Service

We have established a complete engineering and service system, covering the entire process from design to construction and operation.

Shanghai Engineering Co., Ltd., China Technical Engineering Co., Ltd., Shanghai Engineering Co., Ltd., China Nuclear Engineering & Design Co., Ltd., Hefei Energy Research & Design Co., Ltd., Qianqun Engineering & Design Co., Ltd.



Manufacturing

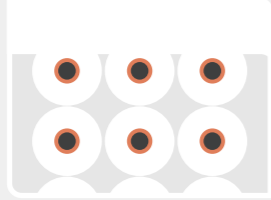
We have 20 manufacturing bases, covering the entire process from design to construction and operation.

Tianjin Science & Technology, China Technical Engineering Co., Ltd., Hefei Energy Research & Design Co., Ltd., China Nuclear Engineering Co., Ltd., Qianqun Engineering & Design Co., Ltd.

Logistics & Trading

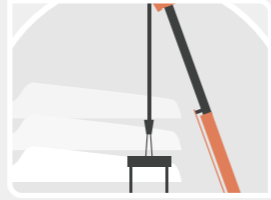
We have established a complete logistics and trading system, covering the entire process from design to construction and operation.

China Nuclear Biogas, Adani Energy Services & Engineering, Beijing Nuclear Engineering (Group) Co., Ltd., CNBM Energy Chemical, Qianqun Energy Chemical, Tianjin Science & Technology



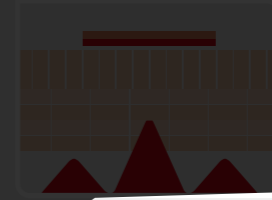
CNBM's solar cell capacity is 1.85 million kilowatts, with a total area of 1.85 million square meters. We have established a complete production chain from silicon wafer to solar cell, with a total capacity of 120,000 kilowatts. We have established a complete production chain from silicon wafer to solar cell, with a total capacity of 120,000 kilowatts. We have established a complete production chain from silicon wafer to solar cell, with a total capacity of 120,000 kilowatts.

China National Building Materials Group Corporation
China National Building Materials Group Corporation



CNBM's solar panel capacity is 16GW, with a total area of 16 million square meters. We have established a complete production chain from silicon wafer to solar cell, with a total capacity of 120,000 kilowatts. We have established a complete production chain from silicon wafer to solar cell, with a total capacity of 120,000 kilowatts.

China National Building Materials Group Corporation
China National Building Materials Group Corporation



We have established a complete production chain from silicon wafer to solar cell, with a total capacity of 120,000 kilowatts. We have established a complete production chain from silicon wafer to solar cell, with a total capacity of 120,000 kilowatts.

China National Building Materials Group Corporation
China National Building Materials Group Corporation



LEADER

We are a leader in the industry, providing a wide range of services to our customers. Our commitment to quality and innovation has made us a trusted partner for many years. We are proud to be a part of the industry and to continue to grow and expand our services.

■ Ece e Pef, a ce

■ Re ,ibeO eai

01

Chi a Na i a B i d i g M a e i a G . . C . . L d .

1 di id a Cha i i f he Ma - fac - i gi d . . k . f e s . . a e e . i e e . i e . e g a g e d i
c e a i . e d i c a k e . e g e . . e . i . e d i h i e . a i a . a d a c e d . d c i . e c h . g i e
e . . c e . e . a d e a d i g g b a . i e . . f i d i d a . . d c . a k e . h a e . T h i d e . i i
i . . e . e . a . e c . i d i d a f e a . h a h e e . e . i e c . e . a e . . i . a g e . a k e a d i
e . i e . e . c . i e d . h e i e . i e c . i a i . f . e a e d e d . h i e ' C h a i i ' e a . h a h e
e . e . i e . h . d h d a c h a i i - e . e . a k e . . i i . a d . . e . e c h i c a . . e g h . e g a d i g
h e . e c . . i . x h i c h i . . e a e .

D e d i c a e d . . a - f a c - i g g a . . b e a d g a . . b e . . d . c . . J . h i G . . C . . L d . (J . h i G . .)
c . . a . . c c . i e a e a d i g . . i i . e . . f . c a e . e c h . g . . a k e . h a e a d e . c i e . c .
A k a i - f e e g a . . b e . . i g a d a k a i - f e e c h . e d b e g a . a e h e . a j . . e g e . . f i .
b . i e . . B . h e i f . c e d c . . i e . . h e e . . d . c . . a . a . i d e . . e d i . . d . h e d a x i d
x e . a . . b i e . e e c . . i c & e e c . i c a . i a c e a d b i d i g a e i a . . T h e J . h i G . . i h e
h i g h e . a k i g a e (a k e . h a e : 2 2 %) i h e g b a . a k e f h e e . . d . c . . i h a . h a e
a h i g h a 3 5 % i h e d . e i c a k e .

A c c . d i g . . h e S p e c i a l A c t i o n P l a n f o r C u l t i v a t i n g a n d P r o m o t i n g I n d i v i d u a l C h a m p i o n s o f
M a n u f a c t u r i n g I n d u s t r y . . e d b . h e M i . . f l d . . a d i f . . a i T e c h . g . b 2 0 2 5 , 2 0 0
i d i . i d a c h a i i . f h e a - f a c - i g i d . . k i b e . . e d d e . . a . . a d 6 0 0
e . e . i e c i h h e . e i a f b e c . i g i d i d a c h a i i . . i b e i d e . i e d a d e i a e d .
T h e J . h i G . . h a b e e . i c . d e d i . h e i . f . . - b a d h e . . . a . . . T h i i i a i e i f . a c i c a
i g i c a c e f . i . . . i g a - f a c - i g e c h . g i e a d . c e . e i C h i a i c a . . . g i d e
C h i a ' a - f a c - i g e . e . i e . . b e c . i e d i . . a i a d . d c . . a i i . . e . e .
e . . . h e i d . . k . . a c h . . a d . h e i d d e a d h i g h e d a d d i e ' M a d e i C h i a ' i e
h e . . d . a g e . b a . g i d e e . e . i e . . e b d h e h i . . h i a k e e . e a . . g i d a
x . . d a d i c e a e h e c . e c . . e i i e e . f C h i a ' a - f a c - i g i d . . k . .

T. a . f . a i
&
U . g a d i g

We . e he . d e c . a a d j . e f
i d . i e ' C . e 1 (c e e . e c) . C i e d
e . . a e a d e . e e h e c e b . i e . ,
a c c e a e d e . e e i h e d i e c i f h i g h
e f . a c e . e c i a i a i . c . e d i a c c e e
a d . d c i a i ' a d . e e h e i . . e e
f i d . i a . a d a d . T h e . h a e f h i g h - g a d e
c e e i h e G d c . . f i i 10%
h i g h e h a h e a i a a e a g e . D e e d i g
i . e c h i c a a d a a g e . h e G . . h a b i 7
. e c i a c e e . i . a . e a i . a f l h e
e a i e . e . i g e J i a h ' a ' H L M C
(h i g h - e f . a c e . . c a b . i c . i k a)
c e e a d i i e h e a . f h e c . e c i a
c . c e e b . i e . a c c . d i g h e a k e a d
e . . c e . i e a i . i d i e l . a i c a . h e
. . k f a i g . . h e a g g e a e b . i e . h a b e e
a . c h e d . i . . i g h e c c i . f 24 a g g e g a e
i e . i h a c . b i e d c a a c i . f 43.31 i i . . .
F . h e . . e c i e d e . . a e b e i g a d e
. . b a i a i e a d i i e h e g a . b . i e . ,
a d a c c e a e i . d e e e i h e d i e c i f
' e e c . i c . P V . i e i g e c e a d e o g c . e . a i .

We a k e e a i d . i . . e h e . . a b i i .
f i d . i e ' C . e 2 (h e h e e - e i d . i e) .
T h a k h e i i a i a d e f e c i f h e
a . . . h e . c a e f h e g . . b a d b . i e . h a
a i a i e d . . a c e i h a . d . A . f e . i a
a f . f . h e a a g e e f e . . e h . i g
h a b e e b i . d e e a d . . e e o g P . .
5.0 H . . e a d c . a c . h a e b e e . i g e d f . 24

d e i c a d . e . e a . j e c . l h e g a . b e
b . i e . , h e f . . a f e 8 h i g h - d . . g a . b e
h a b e e . e e a e d . l h e c a b . b e b . i e . , a
1,000 - T 800 i e h a b e e b i . a d . i
e a i . a d h e e . . f c a b . b e . l h e
e g a . b . i e . , a a g e f h i g h - e d i d . i a
. j e c . h a e b e e . . i . e a i . . a e
c . . e . . d e c c i . . h i c h i . e . e e e d
b h e . . e . . d c i . f . a . h i 0.15
. . c h e e g a . a d 0.2 . T F T i . i d c . . a g a .
. . b . a e l . a i c a . . e h a e c . e c e d h e
c c i . f a C I G S h i . . d . e i a h i c h
. e . a . d . e c . d f . h e e c . i c c . e . i . a e
(17.9%) , a d a . c h e d a 200 i i . . i h i
b a e . d i a h a g . a a i a . j e c .

We a c i e . d e e h e e . e f e a i
' C . e 3 (R & D a d . e . i c e) . M a - f a c . i g
. e . i c e a e b e i g a c i e . d e e e d b a c c e a i g
b . i e . . a . f . a i a d - g a d i g . C h i a
B i d i g M a e i a T e . & C e i c a i . G . . C . L d .
(C T C) h a b e e a a d e d . i e i e a i a a d
a i a . a i c a i . f . b i d i g e c h i c a . e . i c e
a f . . ; C B M E i b i d i g l e e f T h i g (l T)
a f . . ; S i . a l e a i a E g i e e i g C .
L d . i b i d i g . e . e a . a e a . a i e a c e
b a e ; h e C h i a N a i a G e . g i c a E . a i
C e . e f B i d i g M a e i a . l d . . i d e . e i g i
h e d i e c i f i e a d e e . e a d . e . e a
a k e . ; a d S i . a G . . F i a c e C . L d . h a b i
. . a . a c i a . e . i c e . . e h a a . . . e h a
2,000 e b e . i . b e . i . a e . . . a c i e .

Dee e i g
Ref .

A f e b e i g i d e b S A S A C a a d - a - i
e e . i e f . h e ' 4 . e f . . e e i e i 2014,
C N B M a i d e i e d a a ' i e e . i e f . 10
. e f . . ' b h e a e a h . i . i 2016 . A . e e .
h e G . . i . d e a k i g 4 a k f i . e f . . .
S e c i c a . , a . a g e . . a . h a b e e c . e e d
f . h e i e d . e . h i e c . . e e i e ; h e
*Study on Practices of Mixed Ownership Development in
SOEs - Illustrated by the Case of CNBM* , a . j e c f h e
P . b i d i . D e a e f h e C P C C e . a C . i e e
f . . d i g M a i h e i e a d . . a i i g
i . . a e e i e c e i i e e i g c c i
. j e c . , h a b e e c . e e d i c . e a i . . i h
a h i k a k c i e d e . . h a e b e e a d e
d e e h e e e i e f . i g h e b a d f
d i e c . . ' f c i . a d . e . i . . a c i c e , a d
a c i e . e . . e h . . e f e c h e . . f e . i a

a a g e e . . e ; h e C N B M - S i . a e g e
h a b e e a d a c e d . a b . a d h a h a d . i g i c a
e e c . ; a d S i . a J i a g i E e c . i c a C e a i c C .
L d . (S i . a J i a g i) , a e b e f C N B M , h a
b e e i c - d e d i h e . . b a c h f i e e . i e
f . i e e i g h e e . e e . c k . e . h i
. . e i i e d . e . h i e e . i e . C T G a
. . c e . f . i e d . a k i g i C h i a a e
. . e d i e d c . a . i e g a e h e f c i .
f e i g a d e i c a i . l a d d i . . e e a
. . c k e - i . d i e i c a i . . j e c . h a e b e e
a c c . i h e d . i c - d i g e i g 35% f h e
. . c k e - i . f T a i h a G . . C . L d . d e h e
. . c k f . . c k e h d b B N B M , i j e c i g 100%
f h e . c k e - i . f T a i h a F i b o g a . l c i
S i . a S c i e c e & T e c h . g C . L d . a d h e
. . c h a e f K & D T e c h . g b T i . h .

Chi a Nai a B i d i g M a e i a G . . C . L d .

O N . e b e 9^h , 2016 , C T G a . . c e . f .
i e d a h e S h a g h a i S c k E c h a g e ,
b e c i g C N B M ' 15^h i e d c . a . . A a
i . . a a c h i e . e e i h e a k e . . i e e d
. e f . . f a e i g a d e i c a i . b d ,
h e c i a a e a a c e f C T C i h e A - S h a e
a k e . a f b e c h a k i g . i g i c a c e .

A a h i d - a . h i g h - e c h . d e . e . i c e
e e . i e , C T C . e d i . . i i a i e
. e . i e e . f . . e f . . a d d e . e e i
h e . c e . f e e . i e . i e d . a . f e a d
a k e - i e e d . a . f . a i . i . . e i .
. . f e . i a d e . e e c a a b i i . h . g h
e c h 0) - 9 (. 9 2 7 . 7 2 3 . e) 4 () 6 . 1 (e d f) 1 3 (. d c) 6 . f 3 7 c a c i a

Kee i g he.e
 e e
 a d
 e
 be efi
 he ai
 de e

U de hec ce

 i
 c

 ech
 ba ed
 cea i





2016 社会责任报告

我们致力于通过我们的业务运营，为股东、客户、员工、社区和环境的可持续发展做出积极贡献。我们秉承“诚信、专业、务实、创新”的经营理念，不断提升我们的核心竞争力，为客户提供优质的产品和服务。同时，我们也非常重视社会责任，积极履行我们的社会责任，为社会的可持续发展做出我们的贡献。

- 公司治理
- 员工权益
- 产品质量
- 供应链管理



2016年，CNBM的发电量达到4.3亿千瓦时。

4.3

亿千瓦时



2016年，CNBM的装机容量达到2,025.3兆瓦。

2,025.3

兆瓦



2016年，我们的废物的回收率达到149.1%。

149.1

%

Gee O e ai

C i a c a i h L a a d R e g a i

We ric abide b hei d i a acce...
...daed...
...faciie. We ric i e e...
...e eg c...
...he e cie c f...
...d k ee hee eg...
...d c a...
...ced e e. We ric abide b...
...e i i...
...i i g a de i i...
...e a de...
...d c i a d...
...he ee i g f e i i...
...a d a d.

Mi i g i c a r i e d - a c c d i g h e G r e e n
M i n e C o n v e n t i o n . W e c a k - e c g i c a
r e v a i i g d i a h i e d e e i g
i e e i e . W e e e c h e B i o l o g i c a l
D i v e r s i t y C o n v e n t i o n ; c a k - e c i c
e a a i d i c i i . h e i e e e c i
a d a - f f a c i e ; j e c a - r a

habia... e a d, f r e... i d i f e c... i d...
...a d a g i c... a d d... i g h e c... i c i...
...f j e c... a d e d... c e a d... e e e c...
...d i g e... i e a d c... i i e...
...h e i i... .

We ric e f... h e e... i e a...
...a e... e a... a... c e d... e f...
...j e c... i e e... h e ' 3... i... a e i e '...
...e... i e... f e... e g... c... e... a i... a d...
...e... i... e... a... e c i... f... e d a... e...
...i... e... j e c... a d e a... e... g... a i e...
...a d c a k... h e f e a... i b i i... e... a... a i... a d...
...e... i... e... a i... a c e... a... a i... f e...
...e c... i... c i... e... a... i... j e c... . W e...
...a i... i... e... i... e... a... i... k... a i... g...
...e c h a i... , e... a... e c... i... g... e... c... a... a d...
...e... e... a d... e d... c... e... i... a... e... i... e... a...
...h a a d .

S i e a i c M a g e e

We ha ee abi h e d a... c i a e... i b i i... a d...
...e e g... c... e... a i... a d e... i i... i... e d... c i...
...c e a... h e C N B M H e a d... a... e... . M e... b e...
...c... a... i e... h a... e e... a b i... h e d... e a... e d... f... i... a...
...g... a... i... i... f... d i... e... e... c a... e g... i... e... a... d... e... e... ,
...a c h i e... i... g... h e... a... c... e... a g... e... f... h e... G...
...e e g... c... e... a i... a d e... i i... i... e d... c i...
...a... a g... e... .

We a a c h g e a i... , a c e... h e...
...c... i... c i... f... f... e... e g... c... e... a i... a d...
...e... i i... i... e d... c i... e a... . M a... a g... e...
...e... e... k... e... i... i... h a... e... b a i... e d...
...f... e... i... a... c... e... i... c a... e... . W e c i... i...
...e... i... c h... h e k... e... d g e... f... e... k... e...
...e... i... b... e... f... e... e g... c... e... a i... a d...
...e... i i... i... e d... c i... a d i... v... e... h e i...
...f... e... i... a... - a i... e... a d... a... a g... e...
...c... e... e... c... e... .

We a a g e... r... e... b... e... c... a... i... e... b a... e d...
...h e i... c a... e g... i... e... ; f... - a... e... v... a... e g... i... e... ,
...g... e... a... i... c... i... e... , a... a... d... e... f... f... e... e g...
...c... e... a i... a d e... i i... i... e d... c i... ; a d...
...i... v... e... - k... k... h... - g... h... h e... e... e... .
...f... e... a... - e... a... d... a i... c... ,... i... i... g... a... d...
...a... a... i... a... d e... a... - a i... a... d a... e... .

We i... e... e... a... a... d a d i... a i... a... a g... e...
...e... e... a... d e... a i... e... e... g... c... e... a i... ,
...c... i... i... e d... c i... a d c e a... v... d... c i...
...h... - g... h... e... e d... a... a g... e... . T h e...
...a... - f a c... i... g... c... a... i... e... f... h e... G... - h a... e...
...e... a b i... h e d... . a d a d i... a i... a... a g... e...
...e... e... v... e g... a d i g... - a i... , h e e... i... e...
...a d e... o g... ,... f... h i c h... h a... e... b... e... e... c... i... e d... .

We i e g a e h e f... d f... e... e g... c... e... a i...
...c... e... e... c... e... .

a d e... i... i... e d... c i... i... h e... e... a...
...b... d... g... e... a... a g... e... . e... , a... d... f... - a... e...
...a... e... a... e... d... e... d i... r... e... a... g... a... e... e... h e...
...i... e... e... a i... f... e c h... g... i... c a... - g... a d i... g...
...a d a... a g... e... i... v... e... e... .

We ha ee abi h e d a i f... a i... d i... c... i... v... e...
...e c h a i... . W e d i... c... e... - v... a... - a... e... e g...
...c... e... a i... a d e... i i... e... a... v... e... c i...
...e... f... , a... c... e... i... a... - a... C S R... e... v... a... d...
...a c c... e... h... e... - e... i... i... f... a k... e h... d... .
...D... i... g... h e... f... e... a... i... b i i... - d... c... i... c i... ,
...e c... i... c i... a d a c c... a... c... e... f... a... j e c... ,
...v... e... a... k... e... a... d... i... c... e... f... e... a... b... e... i... d... e... a d...
...a k... e h... d... e... i... h e... e g... i... , a d e d... c... e... h e...
...a d... e... i... a c... f... h... e... a i... a c i... i... e... f...
...e... e... i... e... h... e... e... i... e... a d... i... c... i... e...
...h e... i... .

I i i a i e a d G i d a c e

We ha e f... - a d e d a i e d g e e... c... e...
...a... i... - c h a... e... c... a... v... e... a... i... g... a... e...
...a... i... g... e d... c i... f... c... e... c... i... - a... b... e...
...a d... . O... g... e... e... c... e... e... f... , a... c... e...
...i... c... d... e d i... h... e... i... e... i... i... g... a d...
...e... a... a i... . W e a c i... e... v... e... h e...
...c... i... c i... f... a... i... d... e... c... f... e... e... e... ,
...a d... e... a... g... e... b... i... e... v... a... e... i... a... d... i... c...
...v... a... f... a... i... g... v... - c a b... . h e i... c... .

We a e a c i... e... i... e... i... e... a... v... e... c i...
...v... e... f... a... e d... - b i... c i... a c i... i... e... , d i... g... -
...b... e... ,... e... e... i... e... a... v... e... c i...
...c... e... . W e d... a... e... e... a d... - i... e...
...i... v... h e c... i... c i... f... e... i... e... a...
...v... e... c i... f... a... c i... e... , e... e... c... g... i... c a...
...f... r... e... v... i... h... c a c... - i... e... i... e...
...j... i... c... e... a... i... h c i... a e c h a... g... e... ; a d... e... .

a c i... e... v... e... e... e... g... c... e... a i... , v... -
...c a b... i... f... e... a d g e e... c... i... i...
...a... a... e... .

K e e i g h e... e... i... b i i... e... f... e... i... e... i...
...i... d... e... e... d... e... a... , b... e... c... e... a... a c i... i... e... ,
...d... e... v... a... a d a d... c a... v... f... c... i... g...
...v... i... h c i... a e c h a... g... e... . W e a c i... e... - d... e... a... k... e...
...a i... a... e... g... c... e... a i... a d e... i i... i...
...e d... c i... i... i... , h a... e... i... i... a... e d a d...
...i... g... e d... c... e... i... a d... i... e... ,... a... ,
...a d a d... c a... e... a... b... v... e... e... c... i... a... e...
...c h a... g... e... ,... i... e... a... v... e... c i... , d... - h a... e...
...v... e... a... a d... v... - c a b... d... e... e... .
...W e a... a d... c a... e... a d i... e... e... e... a... k...
...h i... f... i... g... v... d... c i... ,... e... i... g... h... e... , b... e...
...f... e... c a... a... a d... e... i... g... - a i... a b... e...
...d... e... e... .



I 2016, e... g... a... i... e d...
...a... i... a... e d i...
...v... e... i... e... a...
...f... e... c i... - b i d...
...e... .



I 2016, ...
...e... - i... e... f...
...e... e... e... a... e... d...
...v... a i... g... e g a d i g...
...e... e... g... c... e... a i...
...a d e... i... e... a...
...v... e... c i... .



I 2016, ...
...c... f... e... e... e...
...e... e... a c e d... b... i... d... e...
...c... f... e... e... c... e... .



▲ CBMI Ga adagh EPC - j e c i A e b a i j a



G ee Ma - fac - , i g

S . , ce Red - c i

O . i e a e b a e d b e a . f . i .
c . e . h . d e a b a i g . e d c e . h c k a d
e . r . c a a e ; h e c . e . f i e a
e . r . c e b a c h e a e e a . e d a c c . a e .
e a b i h . e a a b e . . i . e e c i e .
e . e . g a d e . e i . . e h . g e i a i
a d g i e f . a . h e . a . e f i e a
e . r . c e ; a d c . e d b e c . i d . . a e b i
a i d h e . a i e d d . a d e e g c . . i
f a . b i e . a . . a i .

O . d a e d . d c i e . i . e i . . .
f . e . i c e i g d i e . K i . a d f . a c e

The a . f h e . d c i i e i . i i e d .
S c h e a . e a h . i c a i a i . g e e i g
h i e d a d c c a i a . e c i a e a k e
e d c e i e . e a c h a i a . a d a d
i e . e a e a d . e i e h e i a c f i e
h e . a a d . . . d i g c . . i e .

Green Production

...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...

Adj. ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...

We ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...

de ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...

Or ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...

We ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...

China's Wind Power Industry



The ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...

China's Wind Power Industry

A ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...

The ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...
...the ... the ...



G ee S e g

F i g l d . ia Chai T e d

We i e e g e e . c . e e . l . .
. c . e e . f . a . a e i . x e g i e
. i . i . . d . c . . h a a e . . d . c e d i .
c a b . a d e . i . e . a . f . i e d . x . a .
a d c a . e a . x e . d e g e e . f d a . a g e .
h e . e . i . e . x . h e . e e c i g e e g . x . e
c h . e e c a e e g a d . i g
h e . e . f . c h . . f . i . e e g i e a . x .
g a d e e e g i . a . e . f . e . b i . a .
e e g . e . c . a d . h e . c h . i g d a i
c e i e a d h e c e g d . x . e
. r e f e . . d . c . . h a h a . e . i . e . a c k a g i g
a d a e c . . e . i e . f . r . e c c i g .

CNBM ad . ca e h e i c . f . i . e
a c k a g i g . W e i . i i g b k
a c k a g i g . f . c e e . . d . c . . a d b a e

a c k a g i g . f . g a d . c . . W e . e e k
a i i e h e . e . f . e c c a b e a c k i g
a e i a d e d c a . a . a . h i e e i g
h e . . a i . a d a a i . . a f e . . f . h e
. d . c . .

W e a d . h e g e e . a e d e . W e . e d c e
. e c e c c a i . a d i e a k e i g
e c i e c h . . g h e a b i h i g d e
g i c a k a d . a i . a . a . f
. a k e i g a d g i c . W e i e
. a . a c i . . e . i c e f . a d i d e b i d i g
a e i a d . c . . a . d . e d c e h e c a b
. e e a e d b . h e b . i . e a e f c i e .
a d . a e . e h . . g h e a b i h i g a
i e a k e i g a f



r . a . i g e d e a i
. i . . f c d m



r . e c h i c a . e . i c e
a g e c i e . f e e g
c . e . a i a d
e . i . e a
. e c i



r . b i d i g a e i a .
i d a i g b a e
f a i a c a b
a k e c . . e e c
c c i

S . . . i g l d . ia Chai E . e . i

W e i d e c a b e c h g i e a d
f . i f e . c . c e . e i c e . l h e h e e e d
f e c h i c a . a . f a i a c
a d . e . e d a a g e e C N B M i d e
i d i a e e i e x i h h e e
c a b e . i c e . f d e c i . a d d i a g . i
. a . f a i . a d g a d g i e i g e
c e e c a i
a d . a c i g a a g e e A c h
. e c i b . e h a e c i
e h a c i g i d i a e e g e c i e c a d
e . i . e . a e f a c e . a . e a
a c h i e . i g a i a b e d e . e

H a e . c c e . i g i c e e k i . : W e
c a h e c c e . i g f . b a g a b a g e .
h a d i d . a e a d d g e b g i i g
f a e c h g i c a a d a a g e . W e
a c i i e c c e . i g

c a a b i . a d . a i . i d e b h e
e c . d e . e e f d i e .

R a i d d e . e e . f i e i g e i d :
W e i d e e a i a a g e e
e e d i a g . i a d d c i i e
d e b . g g i g . e . i c e f . 1 4 d c i i e
i 7 c i e . O c . e . f d c i
. e . i c e h a e . a d e d f c e e . a
. h e c a e g . i e . f e i i e (. c h a i i g
a a d g a . e . e i e) . O e . i c e
d e c . b i e e d . e e i e x i h . e e
c e a i e d d i a g . i . O i d i a e a i
d a e e d i a g . i c e e i B e i j i g c a
. i d e e d i a d d a a . e . i c e
. d c i i e a e h a d .

E a i f i e i g e . a g i c : W e h a . e
. i g e d a a e g i c c e a i a g e e e
. x i h D A L S E M . a . e . k g e e h e
c a b a e d i . h e N e h e a d . B a e d
h e G i d i a a d a a g e . a e
a d a a g e a d e e i e i h e e d f
h i g h . a i a c e a c e a g a x e a e
d e d i c a e d c e a i g a e a g i c a
d a i a d e i g C h i a ' a g i c
d e . e i h e d i e c i f h i g h e d a d
i e i g e c e . T h e i e i g e g e e h e
. h e a h e d . i h e e a c e a e d
g a . h a c h a d a a g e a h i g h
. g . e . i c e i f e a b e c i a e x e e g
c i a d h i g a d i i a i
. a e a d c a f e c c e . a i a e a d
c a b d i i d e . C a e d i h . a d i a
e d a i g . h e . a e a e a i . i e d
5-6 i e e c a d c e 95%
e i g a i a e h e e b a k i g
a g i c a d c i e e c i e a d
e . i . e . a . f . i e d

▼ CNBM a c h e a d i e i g e . a g i c



C a a

I 2016, C N B M a e d b . h e N D R C a a
. a i g b a e f h e b i d i g a e i a . i d f .
. a i a c a b a k e c a c i . d e e
. A a k e i k i a i a c a b e . i
. a d i g c a a d . d e e e h e a i g a d
d e a i b a e f a i a c a b a k e
c a a c i . d e e e a e d e d a a
f d a i f f f i c i a a c h i g h e c a b
e . i a d i g a k e h g h h e c
i 2017, C N B M c a a d i d i
c i a e a d e a b i h e e e g c e a i
a d e . i . e . a . f i e d e c h i c a . e . i c e
a f e b e e . i e . a g

. h i c h C T C a k e . h e e a d . a c i e a c i c e h e
i e e a i f h e e e g . a a g e e
. c a b e . i a a g e e e
. C D M j e c . C C E R j e c c a b d . c
c e i f f i c a i a d c a b i e c i a e a h e
d e e f c a b e . i a c c i g
. e h d a d . a d a d i h e b i d i g a e i a .
i d h g h h i c h i h a a c c a e d
. i c h e e i e c e l d a a c i c a e f .
h e d i e f a . a i g b a e f h e b i d i g
a e i a . i d b g i g f . a . h e
G f e c h g i c a e i i h e i d
a d . i g h e a g e a f i d e d b h e

N a i . a C a b . T a d i g C a a c i . D e e e
T a i i g C e e e a d . a i e e g d e e i
h a k a c e . f e b e e i e . g i e h e
a d e a i e d d e . a d i g f c a b a c c i g
c a b i e c i e a i a i a d . e i f f i c a i
f a e . i d c i j e c . a d
c a b . a . e . a a g e e h e a d
. h a e c a e f c a b e g c e . i g a d
e . i e d . d i g a c i a k e b a d a c e d
e e i e . T h i a k e h e c a b e . i a d i g
c a a c i . d e e e f h e b i d i g a e i a .
i d b h i b e a d e d i b e a d h a
b g h a b a d a d h i c h c f

C a a

The 450 / d D e i c R e f . e C c e . i g
P j e c i i a e d b S i a l i a g
E i . e a P . e c i C L d i e f
. i d e a i j e c . i d e i e d b M I I T .
B a c k e d b h e 5,000 / d c e i e f h e
L i a g T i a . h a C e e P a h i j e c
. e a i e h e h a e e a e a d d a d a
c e a i g f d . e i c . e f . e i L i a g b i g
h e i e a i . a d a c e d e c h g i e
f c c e . i g i c e e k i l 2016,
i e a e d 155,000 f . b a d e i c
r e f . a i h a . e a e a e i e c e f 90% .
A h e j e c i h h e a g e c c e . i g
c a a c i . i C h i a i a d d i a . c a . i e d h e
e e g e c . e a e f e h a 5,000
f c a i e g a . d e d . e f . a i h i h e
. a e e a .



▲ A F i e . f h e 450 / d D e i c R e f . e C c e . i g P j e c i i a e d b S i a l i a g
E i . e a P . e c i C L d .

The a d a c e d . e a g e
. e a e h a b e e
i d c e d e a e a c h a e
. h e C a 1 A d i c h a e
. a d a d .

T h a k h d e i g i
. a f e a d a i a . A d
h a k h a i a i g
g e e b e i i d e d
. e d c e i e e i e d . h e
. d i g .

T h e d . c f d . e i c
. r e f . e i g a e . e d a
. b i i e a e i a
f e . f . c e e d c i
l h i a d . e i c . e f . e
i c a i e d a d c e e
i d c e d i a e e g
. a i g a .



The d e f . e . e a e
. i h a a i c a c h i e .
i a d e d e h a
c i c a e d d e i c
. r e f . e i e e c i e a d
. e i a b e d a d i i e d .
a d e a b e c i
a a i c d c i a d
. e i a b e e a i .

T h e a d a c e d
d e d i a i
h a b e e i d c e d .
D e d i a i c e e d a
e g a l e e e i a c . e d
. x k h a d d c e i e
d h e e b e e i g a .
i e c e h e d i g
e e

D i e e a e d e
a e a d e d f . d i e e
c e f d e i c
. r e f . e d e h e i c i e f
. e i h e d i i g c e e
. d c i
d e e i a i g c i k e a i
T h i e e e c d a
. i h g h h e
. c e



I

We take the safety of our employees and the health of our communities very seriously. We are committed to providing a safe and healthy working environment for all our employees. We are also committed to providing a safe and healthy living environment for the communities in which we operate.

- Safety
- Health
- Digital
- Human Resources



At the end of 2016, the total number of employees reached

234,511



In 2016, the number of new employees recruited reached

602



In 2016, the employee turnover rate reached

12.3%



Safe

We ha ee abi heda
d e i c a . . . a k i g
a a g e e . . . e f . a f e
. d c i . . i h h e . a f e
. d c i . . a c c . . a b i i . . . e
a h e c . e . h e . a d a d i a i
f . a f e . d c i . a d
k a c e . a f e . e c h i c a
e g . a i . a h e e . h a e . h e
b e h i g a d . e a e
f e i a a c c i d e . a h e
e h d . h e i f . a i a i f
. a f e . a a g e e a h e
a d h e d e . e . e f . a f e .
c . e . e a h e g . a a e e . h e e b
e . . i g . a f e . d c i . a d h e
c c . a i . a h e a h f h e . a .

Ma age e & C . S . e

We ha ee abi heda . . . g a i a i a
. . . e f . a f e . d c i . The Pa . a d
a d i i . a i h e a d f h e e e . i e a e
h e . i . a . e . . . e . . i b e f . . a f e . i
h a . k . a c e . a d h e a k e c h a g e f . a f e
. d c i . a e . . A k e . . d c i . a f e .
e e . i e . i h i h e G . . e . . f . i e
. d c i . a f e . a a g e e e . . e .
W e e a b i h . . . h c h a e . f . f e e d b a c k
a d e c . . a g e a . a . . a i c i a e i . a f e .
a a g e e .

We ha ee abi heda . a f e . . . d c i
a a g e e . . . e . c . e i g e a i e f .
. a f e . . i a i . . We ha . e a . i . . d c e d
. e c i a . e g . a i . . a d . . k g . i d e e f .
. e . e a . . j e c . . . c a i e a d . . .
W e a c e e h a i f i . e . e i . a f e . .
c i . . . i . . . e a d a i a i . . .
. a f e . e . i . e . a d f a c i i e . i . e e
e c h i c a i . . a i . . f . h e . . . e f
e . e . i a . a f e . . . g a i e . a i g i . a f e .
. c e d . e . a d . . . a i e . a f e . c . e .

P e i a . i k i d e i c a i

We i e . i f i . e c i . . f . h i d d e d a g e . .
W e a k e h e d e . e . e f h e c a a c i .
i d e i f a d . e . e h i d d e h a a d a a
i . . a . a f . . e f f . . i . . e h e
b a i c a a g e e . e e f e e . i e . a f e .
a d . . e c . e d . . c . . . c . e d
f b a i c c a a c i . b i d i g . a . e . . e
a d c . . f h i d d e d a g e . . k a d
e f . a c e . e a d a . e . . e . h e a b i i .
e h a c e . a f e . e a i ; h e e b a c h i e i g
h e c i . . i . . . e e f h e P D C A . W e
e . . e a d e a b i h a . i . i . . e . e e i g
a d g . e i g . . e f a c c i d e . e i a . h e
. i i e . . b e i g f c . i g h e f f i e f
. . . e . . i b i i e . . i g i e d i . e i g a i
. a d a d a h e . . . a k i g c . e d . . e f
e a i a i a d . e f e . i g f h i d d e
h a a d a h e e a . . . a k i g e a c . . . c i
a d a . . a f f a i c i a i a h e b a i . a k i g
h e . e a d a d e a . i c e i e . . e
a h e g . a a e e . a d a k i g i f . . a i
a a g e e . e a . a h e . . .

W e c i . e . i . . . e . . e o g e c
a a g e e . . . e . l h i . . . e . c h i c
c . e . a . e . e . f h e C N B M . h e G . .
e o g e c a a g e e e a a k e g e a

c h a g a h i e h e e o g e c a a g e e
e a . . f h e e b e c a i e a e
. e . . i b e f . . e c i f i c e a . . e . A
c . . e h e . i e e o g e c . e . e a
i e a b i h e d a d . . . e e e d b . e c i a
e o g e c . e . e a . a d . . i e
. e . . e . c h e e . W e . g a i e h e e b e
c a i e . . e g . a . . c h e c k h e . e e . e
f e o g e c . . i e . c d c e o g e c
. e . . e d i . a d g i e . . i e i . . c i i
e o g e c . e . . e . k .

I f . a i a i e c h . g i a i e d f . h e
. . . . e f d a i . a f e . d c i . a a g e e .
A . a f e . . d c i . . e d i c i . a d a e
. . . e i d e e d e . d e . e d b C N B M
i a . . i i e d . W e g e e a e h . . a i g
i f . . a i a c c . d i g h e d a a h e
. e . i g a d . e c i f f i c a i f h i d d e d a g e . .
a d b i h . . k . a f e . . a i g
i f . . a i . . e i d e e . i e e a d e . a d
a . . a f f a k e a g e e d . e c a i . . f . h e
. . . . e f i d e i f i g . h a d i g a d . e . i g
h i d d e d a g e . a . . a . . i b e . h e e b
. . . i i i g h e . . b a b i i . . f a c c i d e . a d
h e i c . . e . e . c e .

S a d a d S a f e .

A a a i a i e e . i e f . a d a d
. a f e . d c i . . e a c i e . . . e h e
k f f e e i g h e . a f e . . a d a d f
c e e e e o i e . i . . i g h e . a f e .
a a g e e . . . e . i g e a i g h e . a f e .
a a g e e e . e e a d b . i g . a f e .
a a g e e e . f . a c e . B h e e d f
2016 . a h e a . a . f a c . i g e o i e
a i a e d h e G . . . a . e d h e i . . k
. a f e . . a d a d i a i . . e . i e . . l . a i c a .
131 f h e 280 c e . e c i k e a . a . f a c . . e .
(45%) a . e d h e a i . a C a . 1 . e . i e .
. e . e e i g a 60% . h a e f h e a . . b e
f C a . 1 . a d a d i e d e e . i e i h e
b i d i g a e i a . i d . . .

W e a a c h g e a i . . a c e b i d i g
. . . . a f e . a a g e e e a . W e
h a e c . i f . e e d h e . e . e
f . e . . i b i i . a d a a e e . f
. a f e . . c e d . e i h a . k a c e . a d
i . . . e d h e . . f e . i . a . . a i . f
. a f e . a a g e e e . . e . W e . . i c .
f . . h e C N B M S a f e . T . a i i g R . e a d
g . a a e e h e . . a i a i . f . a f e .
k . . e d g e . e e c i . f . a f e . . c e d . e .
i . e e a i . f c i g e c a . .
k . . e d g e f c c a i a h a a d a d h e
. e f . . e c i a b i i e f h e . a h . g h
. a i i g a d a . e . e .

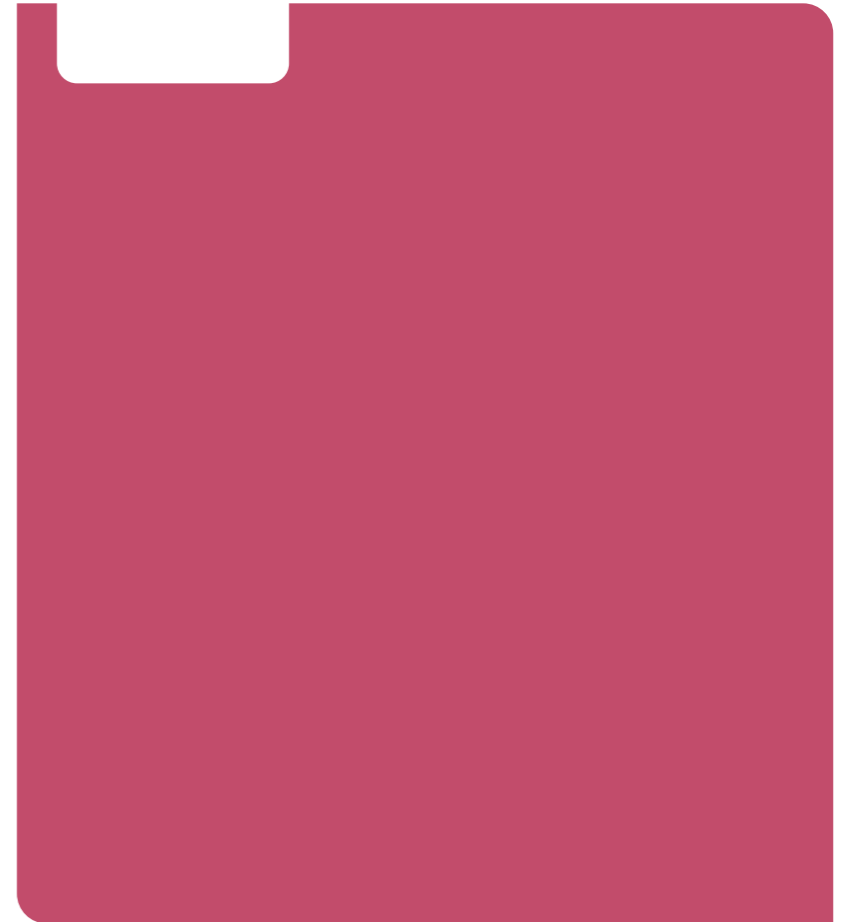
W e a c i e . . g a i e . . c h . a f e . . . i
a c i i e a ' S a f e P . d c i M ' h a d
' S a f e P . d c i Y e a ' . e a e a d i . e
. a f e . c . e . a . a . a d i c . . a e
h e i d e a f e e . . a d i f e f . e . .
i c . . . a e c . . e . The G i i S . h
C e e C . a . L i i e d . a . a e d a
a ' N a i a M d e E . e . i e f S a f e .
C . . e D e . e . e 2016 . C h i a U i e d
C e e Q . f . C . . L d . C h i a U i e d C e e
Z a . h a g C . . L d . a d H a g h . S h a . a
S . h C e e C . . L d . a . a . e d h e . e . i e
f . i d e i c a i a ' N a i a M d e E . e . i e
f S a f e . C . . e D e . e . e .

I . . d e b i d a . a f e . c . . e e c . . e .
. . . h a e . a f e . k . . e d g e a d e o i e c e
. i h i e e e d a i e (. c h a . . . i e . .
c . . e . a d c . . . i e) a d . . a i e
. a f e . c . c e . .

2016 Annual Report

O D e c e b e 23^d 2016 . h e b i d i g f C h i a U i e d C e e N a j i g C . . L d i . a . . k . a f e .
. . a d a d i a i . . d e e . i e . a i e d h . g h h e a c c e a c e c h e c k b h e S a e A d i i . a i
f W . k S a f e . . . a k i g h e c . a . . e f h e . . . b a c h f . . k . a f e . . a d a d i a i . . d e
e e . i e i C h i a . D . i g h e 960 - d a . . a i . . e e . i h e . i . i . . h e c . a . a b . a c e d
a d . . . a i e d 6 i . . e e . i . i e a d a e c c e f . a f e . a a g e e (' 223355') .
h e e b d e e i g c . . a e . a f e . c . . e . i h i e . The 6 i . . e e . i . i e a e a
f b i g a h e . a d a d b f i g h e v e . . i b i i e f . a f e . e a i . . . b
. . . a d e e b . e . e . a i e h e c . e e c . e a g e f . a f e . e d c a i . a d . a i g b e i b .
. . i g . a i . . e d i a . e a i e . i . a . a f e . a a g e e b . . . a i e . i . . i g . k a c e
. . a d a d i a i . . e a d h e c c e f . a f e . a a g e e h . g h i e a i a b e c h a k i g ;
. . a k e i . . a i . i h e . a f e . a a g e e f c i g . i . b c . . i g h e 5 ' . a e g i c
. a e . ; e f e c h e a a g e e . . . e a d . e a i . e c h a i . f h i d d e d a g e i d e i c a i
b . k i f . . e a i g h e . e d i c i a d a i g . . e . a f . . . a d . . e h e . . a e g i c a e /
f . . a d a d h e e h a i d . b . a . f . i g . a f e . a a g e e c . c e . .





Digital



In 2016, the bank implemented digital transformation, reaching...



In 2016, the bank implemented digital transformation, reaching...



In 2016, the bank implemented digital transformation, reaching...

Example

We've established a digital transformation strategy...

We've established a digital transformation strategy...

Legal Compliance

In 2016, the bank implemented digital transformation, reaching...

We've established a digital transformation strategy...

We've established a digital transformation strategy...

We've established a digital transformation strategy...

We've established a digital transformation strategy...

We've established a digital transformation strategy...



Example of FBNB HOME (a subsidiary of CNBM) in Nigeria



In 2016, the bank implemented digital transformation, reaching...



In 2016, the bank implemented digital transformation, reaching...

Decision

We've established a digital transformation strategy...

We've established a digital transformation strategy...

We've established a digital transformation strategy...

We've established a digital transformation strategy...



Example of a construction worker at a site in Nigeria

In Nigeria, the bank implemented digital transformation, reaching...

We've established a digital transformation strategy...

We've established a digital transformation strategy...



Section 1

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

Section 2

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

Section 3

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.

We are very happy to
welcome you to our
company. We are very
pleased to see you
and your family. We
are very glad to hear
from you and your
family. We are very
happy to see you and
your family. We are
very glad to hear from
you and your family.



2016 RMB, ...

China National Chemical Engineering Group Corporation (CNBM) Exhibition

The exhibition was held in Beijing, China, from October 15 to 17, 2016. It was the largest CNBM exhibition ever held, with a total area of 100,000 square meters. The exhibition was divided into three main sections: the first section introduced the company's overall situation and achievements; the second section introduced the company's products and services; the third section introduced the company's research and development capabilities.

The exhibition was a great success, attracting a large number of visitors and media attention. It was a good opportunity for CNBM to showcase its achievements and promote its products and services. The exhibition also provided a good platform for CNBM to establish contacts with its customers and partners.



2016年社会责任报告

Divi g dci ad eai x e eek achie e a de e e x ih he egi ix hich e eae. O acc ih e c d beachie ed ih he f he . akh de ad e ef ax ak fife ad egi eback . cie h gh h i e. cia e fa e v jec. O ve x ee ae deigh ed ak e ib i i ad dedica e he e e a. ac i i e e e d i g he i e i i b i i e a c v a e d i e x i h he i ac i i e . .

- A x i H a . . .
- I e a i a C e a i . . .
- S . h i e W e f a e . . .
- P . e . A e i a i . . .



In 2016, the number of employees reached

22,000



In 2016, the total financial aid reached RMB

9.4 billion



In 2016, CNBM Headquarters reached

57 employees



In 2016, the total financial aid reached RMB

24.0 billion

Amici Habitat

We have established a strategic partnership with CNBM in the paper industry. We have signed a cooperation agreement in the field of R&D, production and sales of paper products. This cooperation will promote the continuous and healthy development of the industry.



CNBM has been in rapid development in recent years and top-ranking in multiple international business areas. It is hoped that the two parties will continuously enhance their communication and cooperate in more fields in China and even the world so as to promote the continuous and healthy development of the industry.



—Michael Thaman, CEO of Owens Corning

亲 诚 惠 容



Qīn

We have established a strategic partnership with CNBM in the paper industry. We have signed a cooperation agreement in the field of R&D, production and sales of paper products. This cooperation will promote the continuous and healthy development of the industry.



Chéng

We have established a strategic partnership with CNBM in the paper industry. We have signed a cooperation agreement in the field of R&D, production and sales of paper products. This cooperation will promote the continuous and healthy development of the industry.



Huì

We have established a strategic partnership with CNBM in the paper industry. We have signed a cooperation agreement in the field of R&D, production and sales of paper products. This cooperation will promote the continuous and healthy development of the industry.



Róng

We have established a strategic partnership with CNBM in the paper industry. We have signed a cooperation agreement in the field of R&D, production and sales of paper products. This cooperation will promote the continuous and healthy development of the industry.

On March 23rd, 2016, the two parties signed a cooperation agreement in the field of R&D, production and sales of paper products.



In 2016, the number of cooperation projects reached 100%



In 2016, the number of cooperation projects reached 100%

On March 23rd, 2016, the two parties signed a cooperation agreement in the field of R&D, production and sales of paper products. This cooperation will promote the continuous and healthy development of the industry.

The cooperation will promote the continuous and healthy development of the industry. We have signed a cooperation agreement in the field of R&D, production and sales of paper products.



She Jianying is a craftsman who has worked in the industry for many years. She is very proud of her work and believes that every piece of work should be done with care and precision.



I don't exactly know what kind of people can be called a craftsman. I just carefully weld every piece of plate. I'll be very glad if the bushings others make can be used for only a few months, while the bushings I make can be used for years.



—Shen Jianying

She Jianying is a craftsman who has worked in the industry for many years. She is very proud of her work and believes that every piece of work should be done with care and precision.

S, hi e We fa e

We, e beie e ha e e, i be e, cia e fa e... e i he ba i f... i g, cia j, icea d f, ce a e e i e f, hei, cia e i bi i, a d i e i a a i a e a e f, e i g i hei e e, f i e a d he, a f e, f a e e d a e... Acc d i g he i c i e f be i g a c c a b e f, be e cia i e a d, ha e h d e, e ca e f, a e, i, i a i, f, cia e fa e... i, i e e i g a d a i, a d ca i... e e c, j e c, i, i d e, g a a e e b i c, i g h, a d i e e, b e a a i g h e i... a ce, e i a b i i, a d b i c b e... f j e c, a x e a a a a b i e, e f, a e.

D ai Sa da di ai

Wee abi he e g e c e e e c h a i, i d e, i d e, a i d i a e e i e f, c i i d e f e, e a d h e b i c, a f e, e, i c e.

We, i d e, f, d i a e a f f e c e d a e a, e, i c k e a e a, c i e c e, e d c a i, c o e a d h g i e c a e, e f a e, j e c, a d e, i e a, e c i c a e i k i d a d c a i a, h e e b, i g h e d e e f, c i e.

We, a d a d i e d a i a a g e e, e g a i. Wee abi ha d i e h e

d a i g a i a i a d a a g e e, e, a d, i c, i e e h e a a b d g e a d, c e d e f, e, e a i a i a d a, a x e h a e e a b i h e d a e c h a i f, e i d i c a a a i g a d e, i g d a i, j e c, g e, e a a i g h e e f f e c, a d c d c i g e, i i x h e h e, j e c e d, a d e j e c i g a, i e d, d i c a e d, i e f f e c i e, e b i c e f a e, j e c, a x e a h e h a e b e d h e e i e c a c i, a f c, h e d a i e f f e c a d g a a e e h i e e, f i e...

北京新希望教育基金会
Beijing Xiwang Education Foundation

Ed ca i a d e d i c a c a e a e h e b a i c e d, c o e a, c i a e d, i h i, i g e e, i e i h d. Si a C e e f, Z a b i a B i d i g M a e i a l d, i a P a k b i a c h, h i a c o e f, C h i e a f l, a k a, a d h e i a g e, g a d, a e d h e c, e 'N a i e e' A f e 5 f a i g a d c, i c i, h e c, e x a d e i e e d. I f a c i i e x e e d e i g e d a d b i i, i c a c c, d a c a h Z a b i a a i a, a d a d. C o c e d, i h a a i e e f U S D 1.5 i i, h e c, e c, i i, f 5 c a, i, a 7 1 1 ² h, i a a d h e f a c i i e (c e, e a c h e, d, i i, d c, d, i k, a x e g e e a i a d i g h i g, e x a e, i a d d a i a g e, e, j e c). The c h i c a a b e f a d i i g, c h a g e c h i d e f, h e, i d i g, i a g e a d c, i i e, a d, i g e d c a i a e, i c e f, h e l, g a d e, h e 6 h g a d e. The h i a i, i, h i g h a i, e d i c a e, i c e c a e i d e, a d b e e a a a i a a g e a 1 5, 0 0 0. The c o e g i a i e, h e g e d e e e f h e, i d i g c, i i e.

The Z a b i a B i d i g M a e i a l d, i a P a k i a i, a a c i a k e b S i a C e e i, e e e h e g e e e f c a, f, G i g O f d e h e B e a d R a d i i a i e. I h a a d e, i g i c a c, i b i i, h e c, i c d e, e e f Z a b i a, b a, x i e a e c h a e i h e S i - Z a b i a e a i, h i.



In 2016, the total amount of funds raised reached RMB 10 million.



In 2016, the total number of projects reached 100.



In 2016, the total number of children reached RMB 10 million.

V a a A c i i e

We a d, c a e a h a i, i, c i a a, h e e a d e c o v a g e e e e e e, i d e, i a e, i c e a d a c i a e i, c i a e f a e a c i i e. We, i d e g a a e e a d, f, i a, a c i i e i, c h a e c, a g a i a i a, i c o e x, k e c h a i, c h e d i g, a c i a, i, c o, i c a i a d i a i. U d e h e, i a e, i c e, e e i h h e C o i Y h L e a g e a i, c e, c a i e a d i e e e, h a e e a b i h e d e e a, e e a c i i g, i c h c a, a a, a i e, f, a a c i i e, d e, i a i g h e e h i a f h e a c i a, a d, r e a d i g h a i e.



北京新希望教育基金会
Beijing Xiwang Education Foundation

Beiji g Xi g hi E e i e a P i a. S c h (G g e D e a e) i a i a, c h f, h e c h i d e f i g a, k o, L c a e d e a J i a O e a, h e W e 5 h R i g, H a i d i a D i c, B e i j i g i h a e h a 5 5 0 e e d, d e, T h e i f a c i e f h e, c h a, a d, S e c i c a, f h e e e i a, f h e c a, a d a g, d h a d, e b e e a i e d, a d, e a x e e e i g b a d. T h i e d, B N B M A, i a G e e a M a a g e C h e H a a, x h a a g e a a h e i e, e d, e e, f B N B M ' Y - h B N B M', e e, e, i c e, a d T i g h a U e, i. W h i e a h e S - d i a k e h e c a, c o f a d f, f a h b a i i g h a a x i h B N B M', a, d c, 'D a g P a i.

'Y - h B N B M - C i e O. H e a d i h P a i ' i a b i c b e e a c i i, e i e, d e e d b B N B M ' Y - h B N B M', e e, e, i c e, i c a b a i i h W h i e a h e S - d i. The a c i i, h a b e e d e, e e a i e f, H g i g a P i a. S c h (S h i), S i a g e (B e i j i g), T a i a T x (C h g i g), H a i - Y c a i S c h, Z h g i g j i g P i a. S c h (H e b e i ' L i g h - C o) a d M i g a S c h (B e i j i g ' D a i g D i c). I i a x i h a e a c h e, a d, d e, a d a i e d b a, c i a, e c.

▼ V e e, C h e H a a



In 2016, the total amount of funds raised reached RMB 10 million.



In 2016, the total number of projects reached 100.

4.2.1

We h - de he.e . ibii. f akigi . ai . i hei d. .
 b e, e agi g . . . g. e ea ch ca abi. . Wea. . . e he
 . a. f. ai . a d. gadi g f hei d. . . i h . . f. e igh,
 . ii . a da d, a ced ech . g. We . . . ea d. ha e . . ech ica
 i f. ai . a d. e a e c . i ed . bi di g . ee . i . e a.
 fie d. c . f. a be a di e ige . i . ge . i . e . . a d ce ai ga
 . . ai abef . . e.



Re ea ch S e g h

I addi he a f ai a di e e f r ad i i a i d i e x e i g e e de e he h e e i d i e e ha ce e ice f e ch g i c a i a i a d h e d e e e f h e e ch g i c a e e a d e e f h e a k f e c a g i g e e a h e i b i e e a d a k e i a i a d e g h e I P R e c i b i e e i g h e a e f i a e g . We i e b i d h e a g e c e h e i e c i c e e a c h a f i h e g e e i h e b i d i g a e i a a d i g a i c e a i c a e i a e d f C h i a a d i e e i c e a d e c i f a i c i d e i a i .

E a b i h i g P a f . .

We ha e e a b i h e d a i e g a e d c i e i c e e a c h i a i c e e h a c i e a i a e e a c h a d d e i g i i e a e a d i d . k e a b r a i e a i a e e a c h c e e e c h g d e e e a d i c e e . i c e e . i c a d e c h g i c a

c e a i d e i a i b a e a d b i c e i c e d e i a i a f . . We i e d b i d C h i a a g e i e g a e d c i e i c e e a c h a f i h e g e a e e e g h i h e e d f b i d i g a e i a a d i g a i c e a i c a e i a . .

A r a c i g T a e . .

We b i d a . . g c i g e f c i e i f f i c e e a c h e b a r a c i g a d e i a i g c i e i a d e g i e e . We e h e a c a d e i c a k a i a d d c a e e a c h a i a d k a i a d i e e h e T h a d T a e . P . g a

i d e a i a i h c h a e f h e i d c i a d e c h a g e f h i g h c a i b e a e f e e a a d d e i c i e i e a d i i e . We a a k e i a i i h e i c e i e e c h a i a d i e i e e c a e e i g h . e c i a e a i a e . .

E e i g l . .

We a c e h a i c i e c e a d e c h g i e e . We i c e a e f i a c i a . . f . h a d a e c i c i a d c i e i f f i c e e a c h e a d . A i d e f e e i g h e e i e e . f e e a c h i h e b a i c h e i e a d c i g

e d g e e c h g i e f a e i a c i e c e e a . . e c i f i c a b . . i e e i h e R & D f a c a b e i e e a . e c i e c h g i e a d d c . .



Chi a Bi di g Ma e ia . A c a d e . .	T i a j i C e e I d . . . D e i g & R e e a c h I . i e C . L d .
H e f e i C e e R e e a c h & D e i g I . i e	S i a i e a i a (N a j i g) E g i e e i g C . L d . (N a j i g C e e I . i e)
B e g b D e i g & R e e a c h I . i e f . G a . I d . .	C h e g d D e i g & R e e a c h I . i e f B i d i g M a e i a I d . . C . L d .
C h i a N e B i d i g M a e i a . D e i g & R e e a c h I . i e	N a j i g F i b e g a . R e e a c h & D e i g I . i e C . L d .
H a b i F R P I . i e	B e j j i g C i e M a e i a . C . L d .
Q i h a g d a G a . I d . . R e e a c h a d D e i g I . i e	S h i S i a D e i g a d R e e a c h I . i e f N e a i c M i e a I d . . C . L d .
X i a R e e a c h & D e i g I . i e f W a & R f M a e i a .	S h a d g l d . i a C o a i c R e e a c h & D e i g I . i e C . L d .
X i a a g R e e a c h & D e i g I . i e f C o a i c	B e j j i g S i a S h e i c . a . C . L d .
H a g h M e c h a i c a d E e c i c a D e i g a d R e e a c h I . i e f L i g h I d . .	S h i C e e e & C e e P . d c . I . i e C . L d .
H i g i c a R e e a c h I . i e f L i g h I d . .	X i a a g N e a i c M i e a R e e a c h & D e i g I . i e C . L d .
L i g h I d . . i a X i a M e c h a i c D e i g a d R e e a c h I . i e	W h a B i d i g M a e i a I d . . D e i g & R e e a c h I . i e C . L d .
R e e a c h I . i e f A a i f L i g h I d . .	S i a S c i e & T e c h g D e e e C e e C . L d .
S h i W a e . . f R e e a c h I . i e	S i a G e g i c a E g i e e i g E a i A c a d e . L i i e d
S a e K e L a b . a . . f G e e B i d i g M a e i a .	N a i a K e L a b . a . . f S e d i a F i b e C . L i e
N a i a K e L a b . a . . f N e F a G a . T e c h g i e	
S a e K e L a b . a . . f P a d P a e E g i e e i g	
N a i a G a . D e e P . c e i g E g i e e i g T e c h g R e e a c h C e e	N a i a N e a i c M i e a . D e e P . c e i g E g i e e i g T e c h g R e e a c h C e e
N a i a R e i M a i C i e E g i e e i g T e c h g R e e a c h C e e	N a i a I d . . i a C o a i c E g i e e i g T e c h g R e e a c h C e e
N a i a a d L c a U i e d E g i e e i g R e e a c h C e e f . G a . I d . . E e g a i g T e c h g	N a i a F i b e R e i f . c e d M d i g C i d E g i e e i g T e c h g R e e a c h C e e
N a i a F i b e g a . a d P . d c . E g i e e i g R e e a c h C e e	N a i a R e e a c h C e e f C e e E e g C . o . a i & E . i e a P e c i E g i e e i g
T e c h g C e e f C h i a N a i a B i d i g M a e i a . G . C . L d .	T e c h g C e e f S i c h a J i a h a E e i e (G .) C . L d .
T e c h g C e e f B e j j i g N e B i d i g M a e i a (G .) C . L d . (S b c e e)	T e c h g C e e f S i a T e c h g & E i e G . C . L d .
T e c h g C e e f C h i a L . a g F a G a . G . C . L d . (S b c e e)	T e c h g C e e f T a i h a G a . F i b e C . L d .
T e c h g C e e f L i a . g a g Z h g f L i a h g C . i e G . C . L d . (S b c e e)	T e c h g C e e f T a i h a G a . F i b e Z h e g C . L d . (S b c e e)
T e c h g C e e f H e f e i S a e T e c h g G . C . i a i (S b c e e)	T e c h g C e e f X i j i a g G p i e i e C . L d .
T e c h g C e e f J . h i G . C . L d . (S b c e e)	T e c h g C e e f S i a S c i e c e & T e c h g C . L d .
T e c h g C e e f H e f e i C e e R e e a c h & D e i g I . i e (S b c e e)	T e c h g C e e f S i a E e g C . o . a i L i i e d
T e c h g C e e f H e f e i Z h g c h e L i g h I d . . i a M a c h i e . C . L d . (S b c e e)	T e c h g C e e f X i j i a g T i a h a C e e J i S c k C e e C . a . L i i e d
A c a d e i c i a W . k a i f C h i a B i d i g M a e i a . A c a d e .	A c a d e i c i a W . k a i f Z h e g h . C e e I d . . F c i a R e f a c . M a e i a
A c a d e i c i a W . k a i f B e g b D e i g & R e e a c h I . i e f . G a . I d . .	A c a d e i c i a W . k a i f E e i e i J i a g P . i c e
P . d c a S c i e i c W . k a i f C h i a B i d i g M a e i a . A c a d e .	P . d c a S c i e i c W . k a i f B e g b D e i g &

Sec . i . Mecha i



I 2016, eheda a f
p. a e .



I 2016, egai ed
c i e i c a d
ech . g i c a a d a
c i c a .
i i e i a e e . a b . e

IPP. e c i

F c . i g . . c h a e c . a h e . e c i f
i e e c . a . . e . a d h e a a g e e f
. c i e i f i c . e e a c h f d . e h a e c . b i e d
h e d e . e . e f i e a c . . e .
i h . i k a a g e e . e . i e e . f .

a . c i e i f i c . e e a c h a a g e e . e .
i h c h c f . . . a i a . c i e i f i c . e e a c h
a a g e e . e . i e e . a d h a h e
f e a . e f h e b i d i g a e i a . i d . k .
. . i d i g h e e f f i c i e . . g e . f . c i e i f i c
. e e a c h i h a . e c . i . e c h a i .

I c e . i . e

W e h a . e g a d . a . e a b i h e d a a e
d e . e . e e c h a i . . e h e
d e . e . e f a e . . a d a a . e . e
a d . e a d e c h a i . a c c . d i g h e i
e f . a c e a d c . i b i . i . l . i d e
h e G . . e . . i d e h e S c i e i f i c a d
T e c h . g i c a P . g e . A a d . T e c h i c a

I . . e e A a d ' a d ' G . T e c h i c a
C e . e P . j e c ' b . h e e h . i a f
. e e a c h e . f . i . . a i . W e h a . e e a b i h e d
h e Y . h S c i e c e F . d a i . a d . g a i e d
. . h . c i e i f i c . e e a c h c . e i i .
. . e h e f a g . h f . . g b a c k b e
f . c i e i f i c . e e a c h a d i j e c . i g . i . h e
. c i e i f i c . e e a c h e a . f h e G . .

C a b . a i . e l . a i

W e a a c h g e a i . . a c e c . e a i
. i h f a . . . i e . i e a d . f e . i a
i . i . i . i j i . . a d k i g k e . . b e . a d
e g a g i g e c h i c a c . e a i . a c a d e i c
e c h a g e . a e c i a i . h e i c b a i
a d . a . f . a i . f a c h i e e . . h e b
e a b i h i g a i . . a i a c a i h . a i .
e . e . W e e . e h e e a b i h e f a
e . c i e i f i c . e e a c h . . e . A i i g a

. e e a c h h . . a d c h a e g e . h i c h a . a c
h e a e i . f h e c . . a d h e i d . k .
. e b i i e . c i a e c h . g i c a . e . . c e
. a c k e d i f f i c . . b e . . W e . . e h e
c . e c b i a i f . d c i . e a i g
a d . e e a c h . e a b i h e . . d c i . . d .
. e e a c h . e a i . h i . h e b a i f h e . . a
b e e f i . a d c . e a i . f e e . i e . a d
b i d . a e c h i c a i . . a i c . e a i
. . e e e a . h e G . .

... ..

O h e . . i g f J a . a . 9th 2017, h e P a .
C e . a C . i e e a d S a e C . . d g a d .
h e d h e N a i . a S c i e c e a d T e c h . g A a d
C . f e e c e . P a . a d . a e e a d e . X i J i . i g . L i
K e i a g . L i . Y . . h a a d Z h a g G a i a e d e d
h e e e a d . e e e d . i e . h e . i e .
. . i . g . e . e e . a i e . T h e . . j e c i g e i . .
d e e e d b h e J . h i G . . / d e . e e f
e c h . g i e a d c . e e e . i e f . .
c . a g e . c a e . d c i . f h i g h - e f . a c e
g a . b e / a d h e . j e c j i . d e e e d
b h e B e g b D e i g & R e e a c h I . i . e f .
h e G a . I d . . (B e g b I . i . e) . C T E C
a d a h e 5 . i . . d e . e e f k e
e c h . g i e a d c . e e e . i e f .
i d . i a . d c i . f . a . h i i f . a i
d i a g a . / e a c h . h e . e c d . i e f .
e c h . g i c a . g e . .

C . a i a i . d e g e e f g a . a d a c h i e h e
k i . i h e g e a e c a a d i . h a . d . h i g h -
C O D . e d c i b e . f . c a i c a i . e c h . g
. a d e e e d . i g i c a . i c i e a e h e h a
a b . i i . f g a . / a f e . e i g e c h . g i e
a d . e f e . i e (e . g . e i c a c . b . i
. . i h . e . e . g e i h e k i . . g i . d i a d a H
c h a . e . . c . e . a i . . e e e c . i c b . i g
e c k e d e e e d i g e a e h e i g
c a a d i . b i g h e i g . a e . 3.0 / %
d a d . e h e e g c . . i . h e
i e a i a . a d a c e d e e (3 2 . 7 %) e
h a h e . a . e . e c i e d i h e e . g i e i a f
h e g a . b a i d . .) ; I T e c h . g i e . e e
a d e d e a b e h e a . a i c . e a a i f
i e a a e i a . a . a i c d e i e . f . d c .
a d i e i g e . i d i e . i a . . a g e a d b i g
a b . . d c i i . . 270 . / e . / e a ;
a d g e e . d c i . . a i . . e d b . i g
h e e c h . g i e f e i g g a . b e a e
. g a . . e c c i g b a f . a c e . a g a d c . i g
. a e g a a d a e . T h e a c h i e e e . f h i
. j e c h a e b e e a i e d 15 . d c i
i e f . . e h a 3 . e a . I a d d i . a
d e . . a i i e h a b e e b i i E g
. . c c e . f . a . h e c . e e e c h . g i e
a b a d . T h e . e a d f h e a c h i e e e . f h i
. j e c i f g e a . i g i c a c e f . . i g
h e . . c . a a d j . . e . e g c . e . a i
a d e . i i . . e d c i . f C h i a g a . b e

i d . . a d g i d i g i . . g e . .
I h e . j e c ' d e e . e f k e e c h . g i e
a d c . e e e . i e f . i d . i a
. . d c i . f . a . h i i f . a i d i a g a .
g a . / h e e c h . g i e f . h e . e .
f . i g f . a . h i T F T - L C D g a . . a e i a . i e
g a d i g f . a . h i e e c . i c a g a . a d
. a i a b e i g a d f . i g . c . a .
g a d i e . e . e a . e d . a . e a h e a j .
. . . i g e . i e . . e . c c e . f .
d e e e d . h e e b c e a i g h e k e e c h . g i e
a d c . e e e . i e f . h e i d . i a
. . d c i . f . a . h i i f . a i d i a g a .
. i h c . e e . . i e a . I P R ; C h i a ' h i e
(0.2) e e c . i c a g a . i e a . i
e a i . a d . c c e . f . e a i e d h e i d . i a .
c . i . . a d . a b e . d c i . f 0.5 .
0.4 . a d 0.3 . T F T - L C D g a . . . b . a e .
a d a c . e e . a g e f 1.1-0.2 . . a . h i
e e c . i c a g a . . T h e . d c . f h i . j e c
h a e b e e a i e d i . e h a 20 d . e i c
. e k . . a . f a c . e . i . a c e f i . . .
B . i . e f h e . c c e . f i e e a i f
h i . j e c . h e a i c a i a e a f C h i e e a
g a . . d c . a d e c h . g i e h a . a . f . e d
f . a d i i a b i d i g a e i a . e e c . i c
i f . a i d i a e c h . g .



China Power Achievements

Energy Efficiency

China Power has achieved significant energy efficiency improvements across its fleet. The company's 13th Five-Year Plan (2016-2020) set ambitious targets for reducing coal consumption per kilowatt-hour. Through the implementation of advanced technologies and rigorous operational protocols, China Power has successfully exceeded these targets. Key achievements include the commissioning of high-efficiency units, the widespread adoption of energy-saving measures, and the successful completion of major maintenance and upgrade projects. These efforts have resulted in a substantial reduction in coal consumption, contributing to lower operating costs and a smaller carbon footprint. The company's commitment to energy efficiency is a core part of its strategy to become a world-class power producer.

Make Performance

China Power has consistently demonstrated high performance in the manufacturing of its power generation equipment. The company's advanced manufacturing capabilities, supported by state-of-the-art production lines and a highly skilled workforce, ensure the highest quality and reliability of its products. From the design and procurement of raw materials to the final assembly and testing, every stage of the manufacturing process is meticulously controlled. This commitment to excellence has earned China Power a reputation for producing world-class power generation equipment that meets the most demanding requirements of its customers. The company's manufacturing performance is a testament to its strong technical foundation and its dedication to continuous improvement.

China Power's R&D department is dedicated to driving innovation and technological advancement in the power generation sector. The R&D team focuses on developing new technologies, improving existing products, and exploring innovative solutions to meet the evolving needs of the market. Key areas of research include the development of more efficient power generation technologies, the integration of digital technologies into manufacturing processes, and the exploration of new materials and components. The company's R&D efforts are supported by a robust intellectual property system and a strong focus on talent development. Through its R&D activities, China Power remains at the forefront of the power generation industry, ensuring that its products are always cutting-edge and competitive.

Production and Research Integration

China Power has successfully integrated its production and research activities, creating a synergistic environment for innovation and growth. The company's production and R&D departments work closely together, sharing knowledge, resources, and expertise. This integration allows for the rapid prototyping and testing of new technologies, the identification of manufacturing challenges, and the implementation of process improvements. The company's production and R&D activities are supported by a strong focus on talent development and the creation of a culture of innovation. Through its production and R&D integration, China Power has achieved significant milestones in the development and commercialization of new technologies, ensuring that its products are always at the forefront of the industry.

China Power's production and R&D activities are supported by a strong focus on talent development and the creation of a culture of innovation. The company has invested heavily in training and education, ensuring that its workforce is equipped with the skills and knowledge needed to drive innovation and excellence. The company's production and R&D activities are also supported by a strong focus on quality management and continuous improvement. The company's production and R&D activities are supported by a strong focus on talent development and the creation of a culture of innovation. The company has invested heavily in training and education, ensuring that its workforce is equipped with the skills and knowledge needed to drive innovation and excellence.

China Power's 13th Five-Year Plan (2016-2020)

On November 3, 2016, the 5th National People's Congress of the 13th National People's Congress approved the 13th Five-Year Plan for National Economic and Social Development. The plan sets ambitious targets for China's economic and social development over the next five years. Key areas of focus include the promotion of high-quality economic growth, the implementation of the 'dual circulation' strategy, and the advancement of science and technology. The plan also emphasizes the importance of energy efficiency and the development of clean energy. China Power is committed to contributing to the achievement of these national goals through its innovative technologies and high-quality products.

China Power's 13th Five-Year Plan (2016-2020) focuses on energy efficiency and emission reduction. The company has set ambitious targets for reducing coal consumption per kilowatt-hour and increasing the efficiency of its power generation equipment. Through the implementation of advanced technologies and rigorous operational protocols, China Power has successfully exceeded these targets. Key achievements include the commissioning of high-efficiency units, the widespread adoption of energy-saving measures, and the successful completion of major maintenance and upgrade projects. These efforts have resulted in a substantial reduction in coal consumption, contributing to lower operating costs and a smaller carbon footprint.

China Power's 13th Five-Year Plan (2016-2020) focuses on energy efficiency and emission reduction. The company has set ambitious targets for reducing coal consumption per kilowatt-hour and increasing the efficiency of its power generation equipment. Through the implementation of advanced technologies and rigorous operational protocols, China Power has successfully exceeded these targets. Key achievements include the commissioning of high-efficiency units, the widespread adoption of energy-saving measures, and the successful completion of major maintenance and upgrade projects. These efforts have resulted in a substantial reduction in coal consumption, contributing to lower operating costs and a smaller carbon footprint.

China Power's 13th Five-Year Plan (2016-2020)

China Power's 13th Five-Year Plan (2016-2020) focuses on energy efficiency and emission reduction. The company has set ambitious targets for reducing coal consumption per kilowatt-hour and increasing the efficiency of its power generation equipment. Through the implementation of advanced technologies and rigorous operational protocols, China Power has successfully exceeded these targets. Key achievements include the commissioning of high-efficiency units, the widespread adoption of energy-saving measures, and the successful completion of major maintenance and upgrade projects. These efforts have resulted in a substantial reduction in coal consumption, contributing to lower operating costs and a smaller carbon footprint.

China Power's 13th Five-Year Plan (2016-2020) focuses on energy efficiency and emission reduction. The company has set ambitious targets for reducing coal consumption per kilowatt-hour and increasing the efficiency of its power generation equipment. Through the implementation of advanced technologies and rigorous operational protocols, China Power has successfully exceeded these targets. Key achievements include the commissioning of high-efficiency units, the widespread adoption of energy-saving measures, and the successful completion of major maintenance and upgrade projects. These efforts have resulted in a substantial reduction in coal consumption, contributing to lower operating costs and a smaller carbon footprint.

China Power's 13th Five-Year Plan (2016-2020) focuses on energy efficiency and emission reduction. The company has set ambitious targets for reducing coal consumption per kilowatt-hour and increasing the efficiency of its power generation equipment. Through the implementation of advanced technologies and rigorous operational protocols, China Power has successfully exceeded these targets. Key achievements include the commissioning of high-efficiency units, the widespread adoption of energy-saving measures, and the successful completion of major maintenance and upgrade projects. These efforts have resulted in a substantial reduction in coal consumption, contributing to lower operating costs and a smaller carbon footprint.

Advanced technology equipment at CNBM (Hefei)



Our Story

Leadership & People

We do what we can to help our people... We do what we can to help our people... We do what we can to help our people...

Our Services

We have a wide range of services... We have a wide range of services... We have a wide range of services...

We have a wide range of services... We have a wide range of services... We have a wide range of services...

Leadership & People

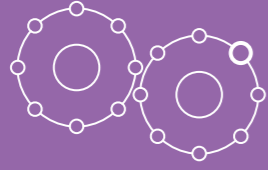
We have a wide range of services... We have a wide range of services... We have a wide range of services...

© 2016, all rights reserved. This is a confidential document.

© 2016, all rights reserved. This is a confidential document.

Leadership & People

On September 8th, 2016, the Asia Pacific Region of the ACCRA (ACCRA) held its 100th anniversary celebration in Beijing, China. The event was organized by the United Nations Development Programme (UNIDO) and the Asia Pacific Region of the ACCRA. The event was held in Beijing, China, and was attended by representatives from various countries in the region. The event was a success and was well-received by all attendees.



2016

We are pleased to see the... achievements... We will continue to... create value for our shareholders and stakeholders.

- Value Added
- Shareholder
- Customer
- Staff



352

Value Added of the Group



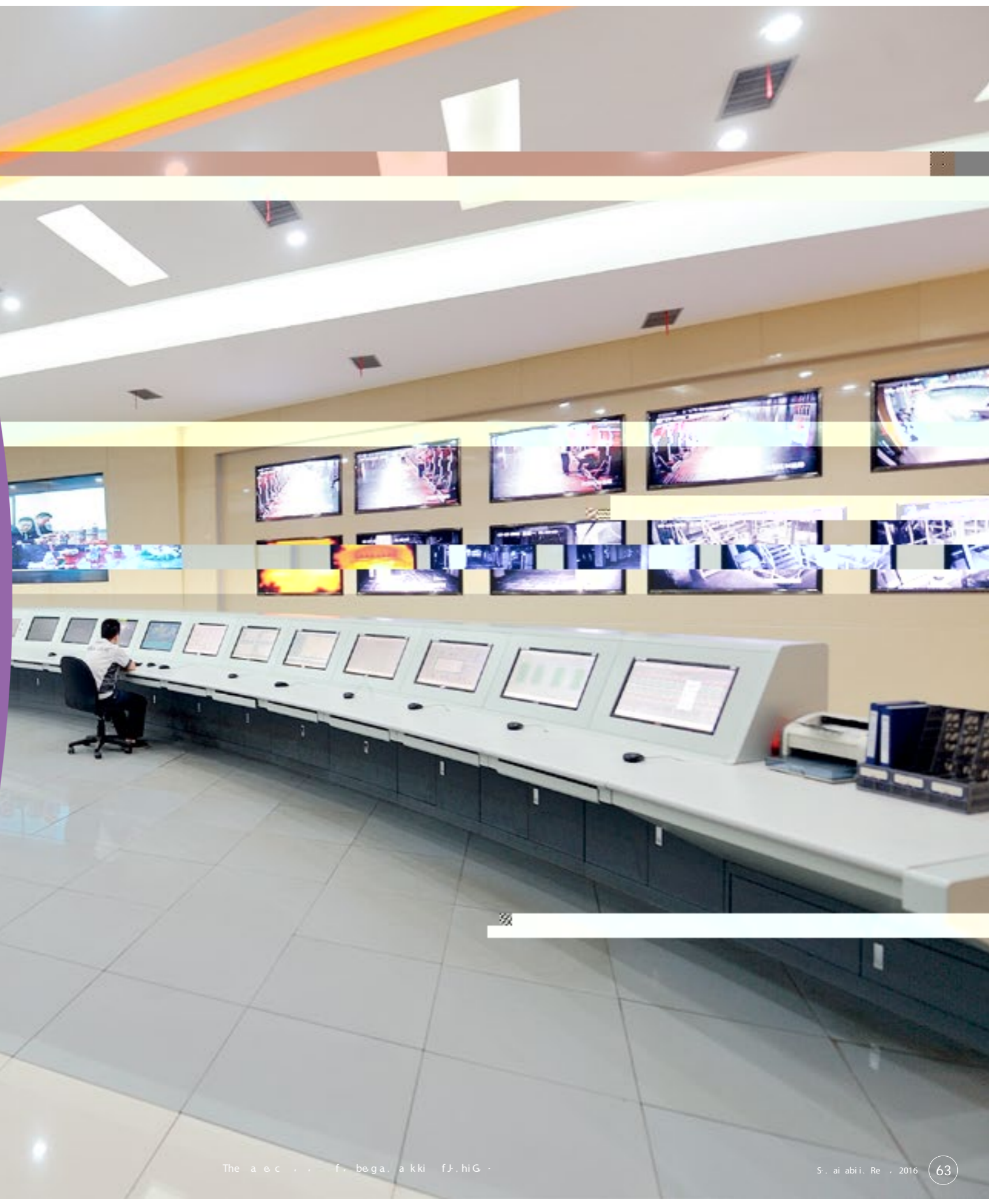
12

FTSE 300 Environmental 2016 CSR Development Index of China



5

China's 2016 Evaluation of Corporate Performance of Social Responsibilities in the Industries of China





Va- e Di c , e

Re . i b i i . C . e .

We a c . e a e i . h e e e c a i .
f . . a k e h d e . . c h a i e . .
g . e . e . e . e e . c i e . . a . e . .
e a e d g . . . c . . i e . . h e e d i a
a d h e e . i . e . . W e i . i . h e
c . e . h i . . h . f . a k i g e c i e . e f
e . e . c e . . e . e c . . . c i . f a d . e g a d
f . . a i . . e f . . a c e . h a . . a d
e . e . i b i i . f a . . c . e . a . e . W e i . i
e . a b i h i g a h a . . i . . e a i . h i . . i h
e . c . e i . . . h e e c g . . e . e . e e
a d . c i e . . W e . e . b . h e c h . g a d
a g e e i . . a i . i . . d e . e . e . .

h . i g a c . d i a e d a d i . e . i . i . a i
i h h e . a k e . e . i . e . a d . c i e . .
a d c . . a . i . . i . g . . c a a c i .
f . f . i g . e . . i b i i e . . W e e f .
e . . c i a . e . . i b i i . i h e . e a e c .
f . M a k e P e f . a c e . T e c h . g i c a
I . . a i . . E e g C . e . a i a d
E . i . e a P . e c i . . E . e e C a e
a d C . . a e C i e . h i . W e a e c . i e d
e . b e c i g a . d . c a . c . e h e . i e
b i d i g a e i a . i d . . g . . i h
e . a i a b e i . . a i . c a a b i i . a d
e . . a d i g i e a i a c . e i i e e . .



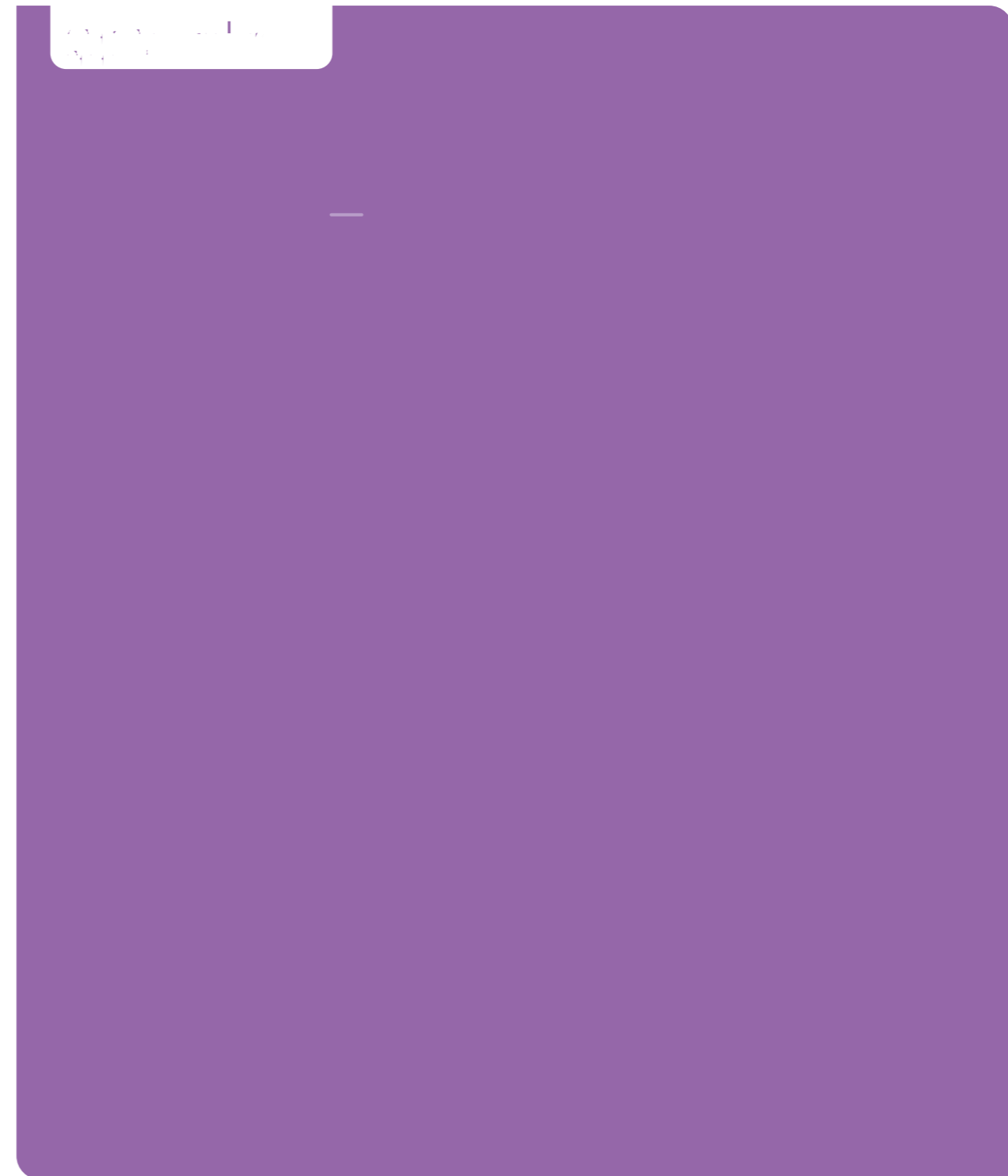
We . e a d . .
h a e h d e . a d i e . .
i h e c e e . e a i g
e . . . e . e . c i e . .
i h . a i . . d . c . a d
e . i c e . g . . g e h e
i h . . . i e . a d
i d . . i a . a . e . . a d
i d e a . a f . f .
a . . . a k e h d e .
e a e . a . e . M e a . h i e .
h d i g h e h i . . h
f i d . . i a i e e . .
e . . e i g h c . . a e
i e e . . e . e e k . a c h i e . e
e . . a d e . e . e . a d
i e i e . . i h h e
i d . . a d . . e e . i
h e . a . e i d . . i a c h a i .

We c . e h e . i e .
i i e i d . . i a a d . . b a
a . e . . d . c i g . .
c a b . . d . c . i h
i i i e d c . . i
a d e i . i . . W e a e
c . . i e d . . i d i g
e i a b e a d g e e b i d i g
a e i a . . h a i g e e c i e
g e e e c h . g a d
a a g e e e e e i e c e .
e . . i g d e . e . e
e . . d e f . h e h a . . i . .
c e i e c e f i d . . i e
a d a . e . a d
a d . c a i g h e . . a i a b e
d e . e . e f i d . . i e
a d . c i e . .

We e d g e . g a a e e
h e . a f e . a d h e a h f
e . e . e e . . a f e g a d
h e i . i g h . . e e c h e i
d i e e c e a d a k e
h e C . . a . a . e i a b e
a . e a d a h a . . a d
c . f . a b e h e f .
e . e . e e . W a i
b i d a b i g h e a d . e
e . a i a b e f . . a i h a
e . e . e e a d d e i e
h a i e . . . c i e . .

I h e . c e . f . d c i
a d e a i . . e . . e . .
e . . a d e e . e . e
a d g . . h i h h e
e g i . . i x h i c h e
e . e a e . . a c h i e . e . .
c . d . . b e . e a i e d
i h . h e . . . f
e e a . . a k e h d e .
a d . c i e . . a d e
e a d . c i e . h . g h
c h a a c e i c . b i c
e f a e . d e a k i g . O .
e . . e e a e . e a e d
c . i b e . . c i e .
a d a c i e . a i c i a e
i . . . a . e . i c e . .
a c i c a . e f . i g h e
e . e . i b i i e f c . . a e
c i e . .

We a k e . . h e a k f
i d . . i a i . . a i
i h g . c i e i c
e . . . a d a c e
i d . . i a . a . f . . a i
a d . g a d i g . i h . .
f a d . . k i g . i i
a d a d . a c e d e c h . g .
d i e i a e a d . h a e
e c h i c a i f . . a i .
d e . e . . e . e
c e a i g a g e e e .
e . e c f . a b e a d
e . i e i g e . i i g
e . i . e . . a d b i d a
e . . a i a b e f . . e .



S, e B- i di g

We ha ei c- ded, cia
e, e, i, bi, a age e i
he, a eg a d, e a a
f he G, a dca i ed
he bje cie, e a, e a d
i, i, e fi, e e e, e
a c, i, e, i, e, e, e,
e f, a ce e e a d, a i e
he i e a i a, a d, a ced
e e b he e d f2018.



... e e e e e
a i c a e d i a i g
e a e d, a
e, e, i, bi, i 2016

Organizations

We ake he eadi g, a i a i f, a e e, i, bi, a he c, e h, g h e CNBM Leadi g G, f, P, i g
S cia Re, i, bi, i, headed b he Chai, a. The high eadi g, a i a i f, e, a e, e, i, bi, i,
e dea, e, he Leadi g G, f, i i chage fg idi ga d, i g, a e e, i, bi, i, i, a i e.

We ake he f, c i a, a e e, i, bi, i, a age e, a g a i a i f he Head- a e, a he c, e i
h, g h, hich d i e c a d a d a ce e b e c, a i e i, e g h e i g h e i, a e e, i, bi, i, a age e
a d a c i e, e f, i g h e i e, e, i, bi, i, e. Acc, d i g h e d i i f b, i e, e, he f, c i a d e a e, f
he Head- a e, i, k i c, d i a i a d a ce, e c i a k.

Wi h e b e c, a i e a a e, e, a he de, a d a c c, d i g h e i e d e, i e e, f he Head- a e,
e d e e he f, c i a d e a e, a d a i g a age e e, e f, a e he, a e e, i, bi, i,
a, a d, che e f he G, a i f, k e, i e e, a d a c i e, e f, e, i, bi, i, e.

Competency Improvement

We ha ei, e d a d a e i e e i g h e CNBM Guiding Opinions on Social Responsibility Ful lment, CNBM
Administrative Social Responsibility Ful lment Measures a d CNBM Social Responsibility Management Information
Collection Measures i, d e, e, i, e, i, i, i a i e a d, a d a d i e, e, a e e, i, bi, i, a age e e.

The CNBM S cia Re, i, bi, i, Ma age e f, a i S, e, i, f, h e i e a age e f
i f, a i c c e i g, a e e, i, bi, i, f, e a d, a e e, i, bi, i, a d i i a, e. The, e c, e,
e ha 1,000 e b e e, i e.

We ha e e, a b i h e d a CNBM, e, a e, e, i, bi, i, i d i c a, e, e, h i c h i d i d e d i 4 c a, e a d
c, i, i, f 352 i d i c a, e. The, e c, a i, h e c, e i d i c a, e, f, e a i e a, d, c, e, h e b
a, i g h e c, e e e, f, a, a e, e, i, bi, i, e, e.

The, a e e, i, bi, i, e a, f e b e e, i e a e i, e d i e, f, a i, a d, f e, i a
e, c i c b e a, f b i c i, a d, a i g. The, a c i e f, a e e, i, bi, i, f, e i, e, e d b
c, i a i g a d, e e c i g h i g h e d c a e.

Performance Evaluation

We, e a e d i, e a a a, a, a e e, i, bi, i, e, i, d e c i, e, i, e, e, e, a e e, i, bi, i,
f f i e c a b i, a d i, e, e, a age e h, g h e, c e d e f, e a a i, b e c h a k i g a d a, e, e,
The, e, i, b i h e d, e g a, a d i f, a i c c e i g, a e e, i, bi, i, f f i e d e e, e i, e e a d
i, e g a, i a, e d a c, e, f, a b i e c, i, i g a i f, a i d i c, e, e, a d e a b i h i g a e f f e c i e
c, i c a i a f, e.

We, e e c i e, a k e a i e e a e f, a c e e a a i, e, e, a d a c e d, a i c a b e, b j e c i e a d f a i e a a i
e, e, a d a g e d i, e e c, e h e, i e e, a a i a d b e c h a k i g i, c h, e c i a e c, a e,
e a i, e, i, bi, i, e f, a c e, e, i, bi, i, a age e, e c, a a e i, h e, g e, a d e f f e c f h e, a
e, e, i, bi, i, e f i e a i a a d d e i c e e i e, i d, i e i, h i c h e e a e e, i e i h e, e, c h a i
a d h e, e a e d e, i e, e a f, h e, g i, f h e, f f e, e, e, e a k e, e, a d c a, c i, e, i, e,
i, e e e.

Continuous Improvement

We g i e f, a h e a e, e, c e f h e a age e e e, i h i h e G, a d a k e h e i, g g e i, a d
a d i c e i e, f a d j, e, e, e, a e e, i, bi, i, c c e, a d, a e g i e, h e, e a a i a d e i i f
a age e e, e, a d h e e a b i h e a d a i c a i f h e, a e e, i, bi, i, i d i c a, e, e, h e b
e, i g h e f e a i b i, a d e a b i, f, a i, e, e, i, bi, i, a age e e c h a i.

We, i e f, a e, e, c e, a c i e, e e k h e f, e, i a c, i g a g e c i e, e a e, e d i, a
e, e, i, bi, i, h e, i e, g a h e a e i e a i a d e e e e d e c i e f, a e e, i, bi, i, d e e, e, d e
e a d a d a d e, i e e, f, a e e, i, bi, i, a age e, a d g a a e e h e, f e, i a i a d c, i a c e
f h e G, a, a e e, i, bi, i, a age e e, e.

We a e g a d a, e e d i g f e d g e, e, e, i, bi, i, a age e e, a d f a c i g e, e, i, bi, i,
a age e (e g, e, i, bi, i, h e e d b a d i g a c i i e, e, i, bi, i, h e e d i d e h c, i c a i a d
e, e, i, bi, i, h e e d b i c i, a e a b e h e e, i, bi, i, e, e, g e e a e i, i d e, e c, a d d i e, e
i e e d a i e f, h e i, a e e, i, bi, i, e.

B e, i g e a a i e c h a i, e c i, e, i, e, e h e f e c a d a i, f, e b e e, i e,
a a, a e e, i, bi, i, e, i, d e a k e h e f, e, f e, i, bi, i, e a, e i c a d e g a a c i, i,
h e e e, i e.

Learning Objectives

Learning Objective	Learning Objective	Learning Objective
1.1C a, e, e	1.1.1C a, e, e	1.1.2 Me b e e, i e
1.2C a, g, e a c e	1.2.1G, e a c e, e c, e	1.2.3 Lega, e b i d i g
1.3 Re, i, bi, i, a age e	1.3.1 Re, i, bi, i, h e e d c, i c a i	1.3.2 Re, i, bi, i, e c, i c i
2.1 Mai e f, a c e i d i c a, e	2.1.1 F i a c i a d i c a, e	2.1.2 C a c i, i d i c a, e
2.2 Q a i, b a d a d c, e, e, i c e	2.2.1 Q a i, a age e	2.2.2 B a d i g
2.3 Ma age e i g d f a i h a d, e, c h a i, e, i, bi, i	2.3.1 Ma age e i g d f a i h	2.3.2 S, e, i, e, i, bi, i
3.1 Mai c, i, i a d e i, i d i c a, e	3.1.1 U i i a i f e e g	3.1.2 P, a d i c h a g e
3.2 Ma age e f e e g c, e, a i a d e, i, e a, e, e c i	3.2.1 U i i a i f a a e i a	3.2.2 R e c i g f e e g
3.3 A d c a c f g e e d e e e	3.2.3 U i i a i f a e, e, e c e	3.2.4 M a a g e e, e, e a d e c h a i
3.4 N e g a i e i f, a i	3.2.5 E, i, e a e e g e c a a g e e	3.2.6 A d c a c a d b i c i, f e, i, e a, e, e c i
4.1 S a, e	3.3.1 G e e a f a c i g	3.3.2 G e e b i d i g a e i a
4.2 S a, a age e	3.3.2 G e e a c k a g i g	3.3.4 C e a e e g
4.3 E, e e c a e	3.4.1 P e a i e f, e, i, e a, e, b e, e	
4.4 P e f, a c e e, e e c a e	4.1.1 S a d i e, i c a i	4.1.2 E a e, e, e
5.1 S, e, f, c, e, i, d e e e	4.2.1 B a c i, g h, a d i e e, e	4.2.4 S a, a i g
5.2 E h, i a f, i b i c b e e	4.2.2 D e c a i c a a g e e	4.2.5 O c c a i a, a f e, a d h e a h
5.3 I, e e i, c i a c i i e	4.2.3 C e, a i a d b e e, e	
6.1 R e e a c h e, e c e	4.3.1 E c, i c, e, a d e a d	4.3.2 W, k i f e b a a c e
6.2 T e c h g i c a i e e e a d	4.4.1 S a e a a i	4.4.2 E e a e a a i
6.3 T e c h g i c a c h i e e e, e	5.1.1 D e i c	5.1.2 O, e, e a
6.4 R e e a c h, e, i c e	5.2.1 P b i c i e e d a i, e	5.2.2 S, e, f, c i e c e a d e d c a i
	5.3.1 V, a c i i e	
	6.1.1 R e a c h i, i, i, e	6.1.2 R e a c h e, e, e
	6.2.1 T e c h g i c a i e e	
	6.3.1 T e c h g i c a c h i e e e, e	6.3.2 A a d
	6.4.1 S c i a, e, i c e	6.4.2 A c a d e i c, e, i c e



Sharing

Leadership

As a leader, I have always been committed to the company's development and growth. In 2016, I was appointed as the General Manager of the company. Since then, I have led the company through a period of rapid growth and innovation. I have focused on improving the company's operational efficiency, enhancing the quality of our products, and expanding our market reach. I have also been instrumental in the company's strategic planning and implementation. My leadership has been characterized by a strong sense of responsibility, a commitment to excellence, and a focus on the long-term success of the company. I have worked closely with my team to identify and address challenges, and to seize opportunities for growth. I have also been a strong advocate for the company's values and mission. I believe that my leadership has been a key factor in the company's success to date, and I am committed to continuing to lead the company towards a bright future.

We are a team of professionals who are dedicated to providing the highest quality of service to our clients. Our team consists of experienced professionals who have a proven track record of success. We have a strong focus on customer service and are committed to meeting the needs of our clients. We have a proven process for identifying and addressing client needs, and we are committed to providing a high level of service at all times. Our team has a strong sense of responsibility and a commitment to excellence. We believe that our team's expertise and dedication are the key to our success, and we are committed to continuing to provide the highest quality of service to our clients.

Merger of CNBM and SINOMA

The China National Building Materials Group Co., Ltd. (CNBM) and China National Building Materials Group Co., Ltd. (SINOMA) have a long history. In 1987, the National Building Materials Bureau established the China National Building Materials Group Co., Ltd. (1991), and the China Building Materials Federation (1999) and the State Administration of Market Regulation (SASAC) (2003). The company has been listed on the Shanghai Stock Exchange since 2009, and the merger of CNBM and SINOMA was completed in 2016.

In the past few years, the company has achieved a series of milestones, including the merger of CNBM and SINOMA, and the company has become a leading building materials company in China and the world.

Each year, the company has achieved a series of milestones, including the merger of CNBM and SINOMA, and the company has become a leading building materials company in China and the world.

SINOMA is a leading building materials company in China and the world. The company has a long history and a strong reputation in the industry. The merger of CNBM and SINOMA is a significant event in the history of the building materials industry in China and the world.

“The merger of CNBM and SINOMA in 2016 was a great event for China's building materials industry, as well as a milestone event in its development history, exerting a positive influence on the building materials industry of the whole of society and even the world.”

Qiao Longde, China Building Materials Federation (CBMF) Chairman



Historical Development of CNBM and SINOMA



O A-g. 26 h, 2016, he Chi a Nai a Bidi g Ma eia G - C. v ai a d Chi a Nai a Ma eia G - C. v ai he da e ge c fe e ce i Bei j i, g a d he Chi a Nai a Bidi g Ma eia G - C., L.d. (CNBM), a cia e abi hed, a ki g ha he bidi g a eia. i d. a f Chi a ha de e da e. age f. a i g

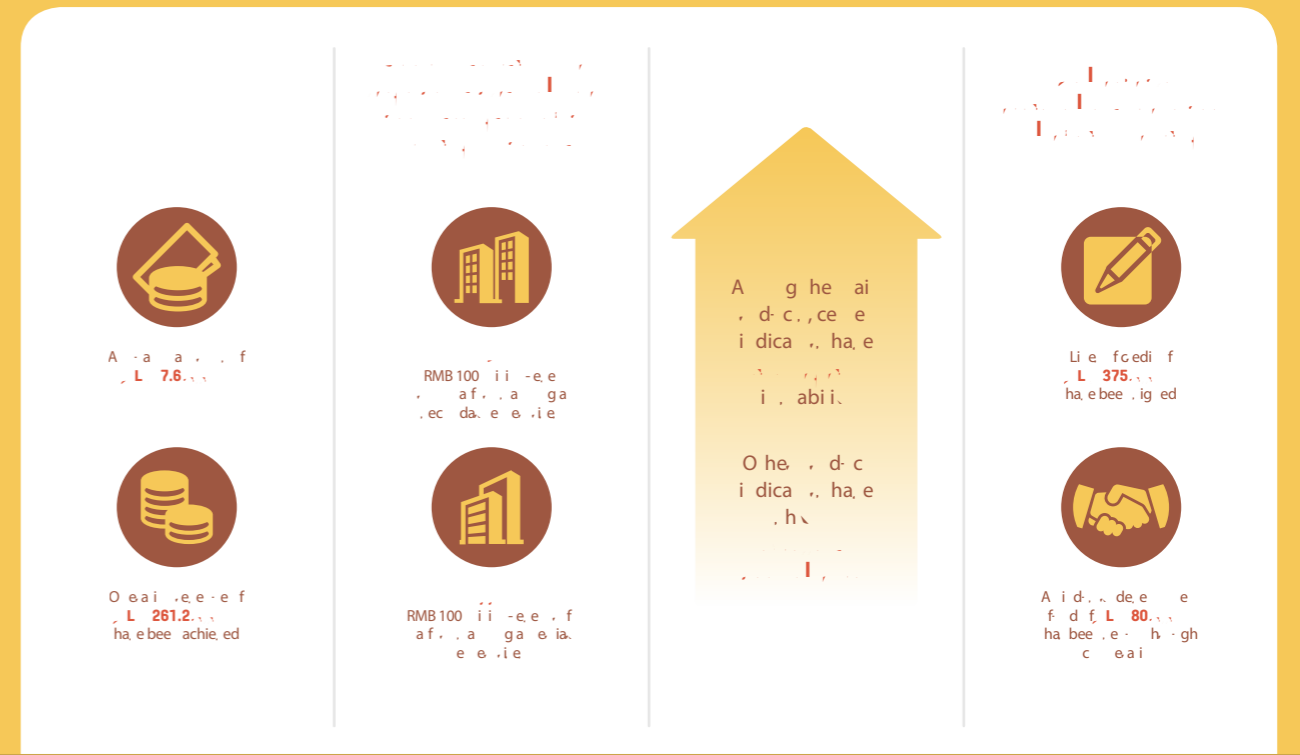
he e ge de f a ge e e i e a d i g. i g. i d e. i c. a. e f. i. F a i g h i c f e e ce, he e b. CNBM ha ra id. e a i e d e g i g a di e g a i i h i. c. e h e i e e e i e. i i a d c. a. f. c e, h. a ch i e i g a g d. a f. he e ge.



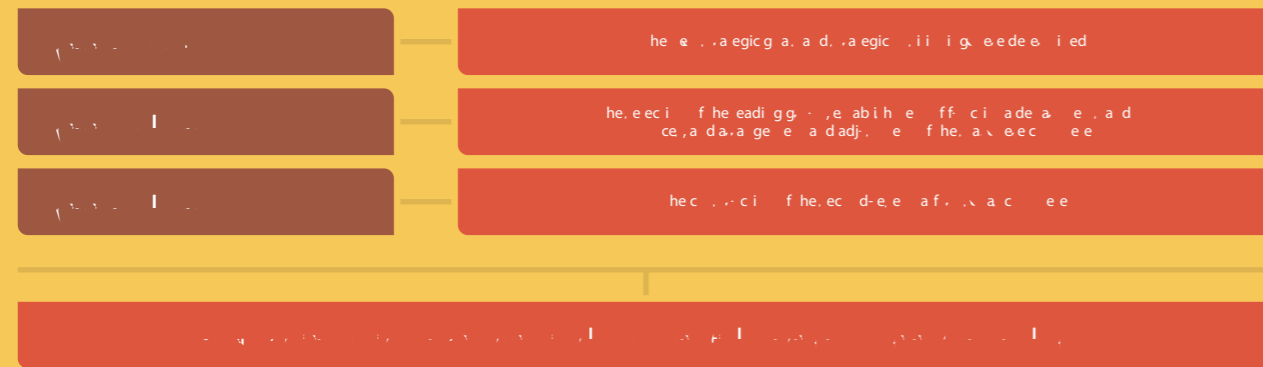
The merger of CNBM and SINOMA has made a good start, and there is still a long way to go. Primary attention should be paid to giving full play to the advantages of this alliance between giants.



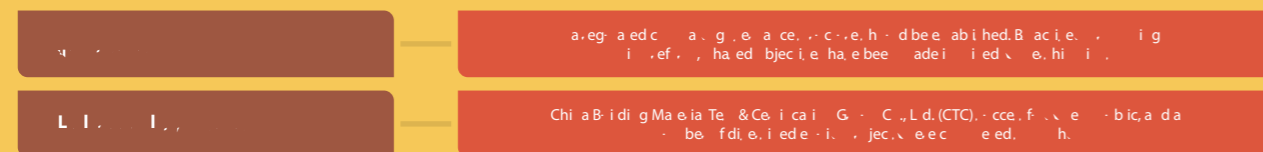
Jiang Minglin, Counselor of the State Council



Sea e. Me ge



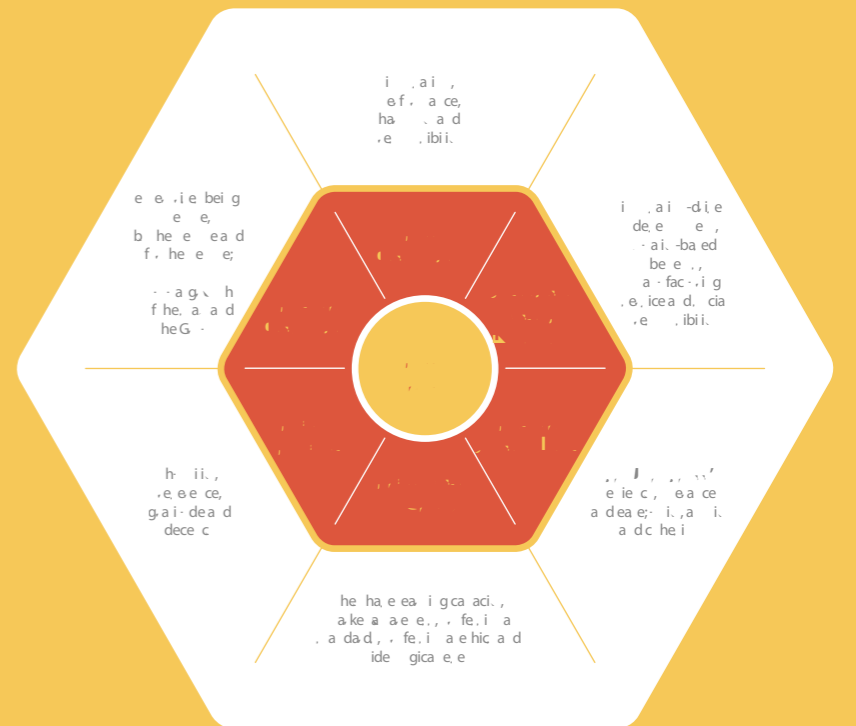
P. h i g Ref. F a a d



P. e f E e i e C. i e

D. i. g. h. e. i. g. e. i. g. e. i. c. e. CNBM a d SINOMA ha e f. e. d. a. e. c. e. e. e. e. i. e. e. d. i. e. d. c. e. h. e. i. e. a. d. h. a. i. i. c. i. e. e. a. d. v. a. i. e. d. a. g. i. f. i. a. d. i. g. a. d. a. d. a. x. i. h. v. g. c. h. e. i. i. h. i. g. h. e. c. i. e. c. e. e. c. i. a. d. i. e. e. v. g. c. b. a. e. e. c. i. e. x. h. h. a. e. v. e. i. b. e. h. e. i. c. e. f. a. e. f. CNBM a d SINOMA i. e. a. i. e. a. i. d. a. i. a. c. e. a. d. e. g. e. a. e. a. h. e. i. e. h. a. i. b. e. i. e. r. f. h. e. G. i. a. c. c. e. e. a. e. i. a. c. e. i. h. e. a. k. f. i. d. c. a. e. e. i. e.

CNBM ha c. i. c. i. e. i. i. f. e. d. h. e. i. a. a. d. e. c. i. c. e. i. b. i. i. e. h. a. a. e. e. i. e. h. d. a. k. e. i. h. e. d. i. c. h. c. e. a. e. a. f. i. i. a. i. i. e. f. a. c. e. h. a. i. a. d. e. i. b. i. i. i. a. d. c. a. e. d. h. e. i. h. i. i. i. e. e. e. c. e. g. a. i. d. e. a. d. d. e. c. e. c. i. c. d. e. f. c. d. c. b. a. e. d. i. e. f. h. e. i. c. i. e. f. e. i. e. b. e. i. g. e. e. b. h. e. e. e. a. d. f. h. e. e. e. a. c. i. e. c. e. a. e. d. a. c. i. a. e. i. i. e. f. Sa. K. a. Sa. Li. h. a. e. f. e. i. e. c. e. e. a. c. e. a. d. e. a. e. a. i. i. a. d. c. h. e. i. i. e. g. a. d. e. d. h. e. i. e. a. i. i. f. h. a. h. a. i. e. a. d. a. e. a. a. i. g. i. c. a. g. a. a. d. h. e. f. d. a. e. a. i. i. f. h. e. G. i. a. d. a. d. e. e. e. e. i. e. h. e. f. i. a. g. x. h. f. h. e. a. a. d. h. e. G. i. a. d. a. d. e. e. e. e. i. e.



2019年1-6月

Wi ha g... a. e. a. e f
e ha RMB560 bi i , he
e CNBM i , h f hei.
e - a i a Chi a' age
c , ehe , i e b i d i g a e ia.
i d , k g - , a e a a ' a i c a f
c a , i e ' a d e a d i g e e i e
i h e e d f b i d i g a e ia.
v , d i d e . T h e . e c e a i a c e
b e e e g i a , h a f , h e
c , i d a e d i , v , d - e a d i g
i i .





Following the merger, the combined gross economic scale, strength to handle challenges from international competition and overseas market influence of CNBM and SINOMA have greatly improved. Along with the superposition of international and domestic markets, CNBM's competitiveness in the international market will be enormously enhanced, which will lay a significant material basis and organizational foundation for the acceleration of the 'Going Out' policy at the same time.



Qiao Longde, China Building Materials Federation (CBMF) Chairman

Strategic Guidance

After the merger, the combined gross economic scale, strength to handle challenges from international competition and overseas market influence of CNBM and SINOMA have greatly improved.

Along with the superposition of international and domestic markets, CNBM's competitiveness in the international market will be enormously enhanced, which will lay a significant material basis and organizational foundation for the acceleration of the 'Going Out' policy at the same time.

<p>“The merger of CNBM and SINOMA is a landmark event in the history of the Chinese building materials industry. It marks the beginning of a new era of high-quality development for the industry. We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry.”</p>	<p>“The merger of CNBM and SINOMA is a landmark event in the history of the Chinese building materials industry. It marks the beginning of a new era of high-quality development for the industry. We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry.”</p>
<p>“The merger of CNBM and SINOMA is a landmark event in the history of the Chinese building materials industry. It marks the beginning of a new era of high-quality development for the industry. We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry.”</p>	<p>“The merger of CNBM and SINOMA is a landmark event in the history of the Chinese building materials industry. It marks the beginning of a new era of high-quality development for the industry. We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry.”</p>
<p>“The merger of CNBM and SINOMA is a landmark event in the history of the Chinese building materials industry. It marks the beginning of a new era of high-quality development for the industry. We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry.”</p>	<p>“The merger of CNBM and SINOMA is a landmark event in the history of the Chinese building materials industry. It marks the beginning of a new era of high-quality development for the industry. We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry.”</p>

Market Strategy

The strategic adjustment of the company is a key step in the implementation of the 'Going Out' strategy. It is aimed at expanding the company's international market influence and promoting the high-quality development of the industry.

Accelerating the High Quality Development

Accelerating the High Quality Development

With the merger of CNBM and SINOMA, the company's overall strength has been significantly enhanced. We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry.

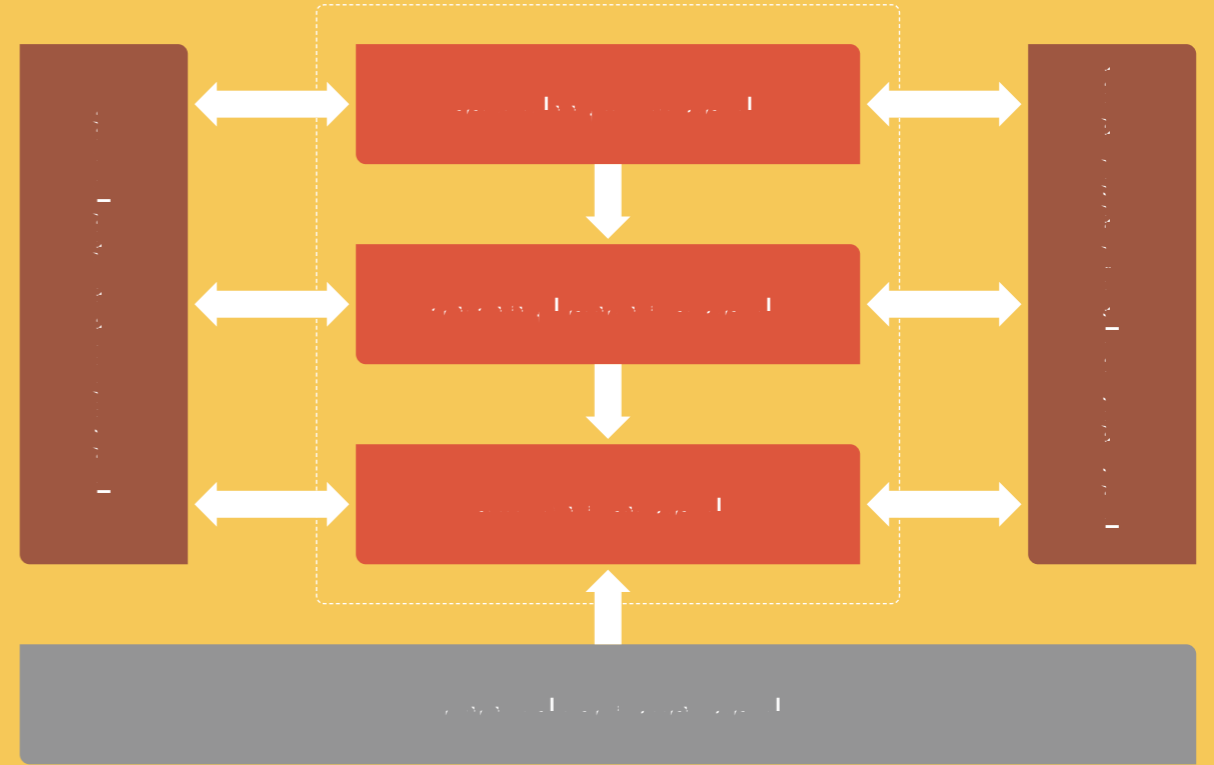
We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry. We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry.

Measures to accelerate the high quality development of the industry include: strengthening international cooperation, expanding overseas market influence, and promoting the high-quality development of the industry.

Comprehensive Promotion of 'Going Out' Strategy

We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry. We will continue to adhere to the 'Going Out' strategy, expand international cooperation, and promote the high-quality development of the industry.

Organizational Structure



Business Performance

Revenue Growth

We have achieved significant revenue growth in the past year, driven by our strong market presence and effective sales strategies.

Production Efficiency

We have optimized our production processes, resulting in higher efficiency and lower costs, which has improved our competitiveness.

Environmental Protection

We are committed to environmental protection and sustainable development. We have implemented various measures to reduce our carbon footprint and protect the environment.

Market Expansion

We have successfully expanded our market reach into new international markets, strengthening our global influence and promoting the high-quality development of the industry.

Revenue, Performance

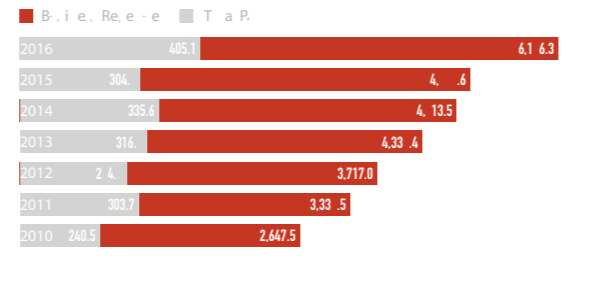
Market Performance

2016 Financial Results by Business Segment (in US\$ million)

2016 Ranking	Category	Operating Revenue (2015 US\$ million)	Contribution
196	Sales	46,169.2	Finance
327	CNBM	31,705.5	China
411	CRH	26,217.8	Lead
438	Lafarge China	24,513.7	Lead

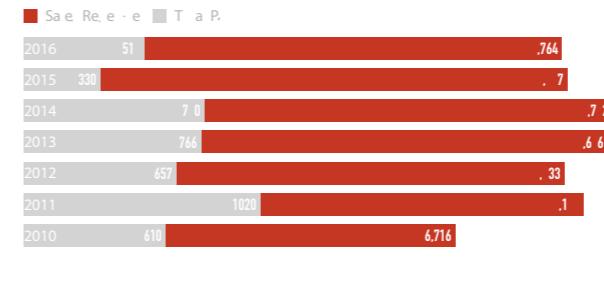
Source: Financial Results

2010-2016 Business Revenue by Segment (in RMB billion)



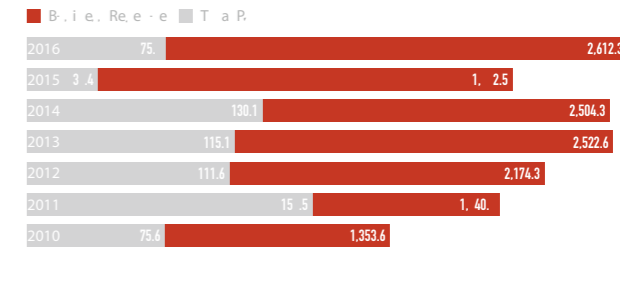
Source: China Business Quarterly Report

2010-2016 Sales Revenue by Segment (in RMB billion)

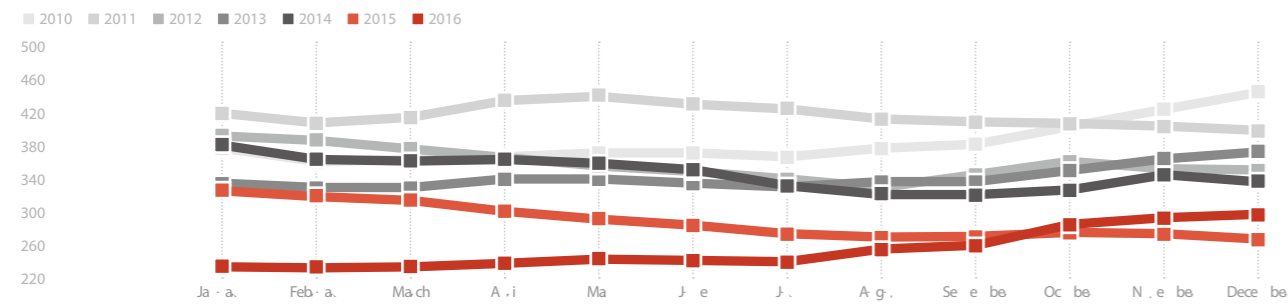


Source: Digital

2010-2016 Business Revenue by Segment (in RMB billion)



2010-2016 P.O.42.5 Price Index by China

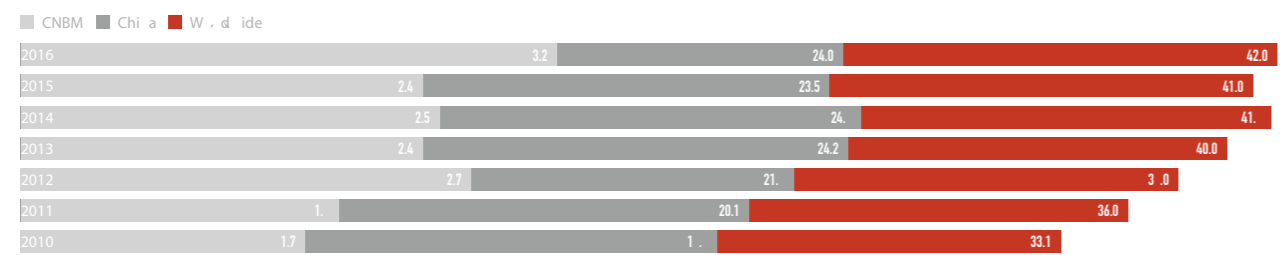


Source: Digital

2016 Performance by Listed Company

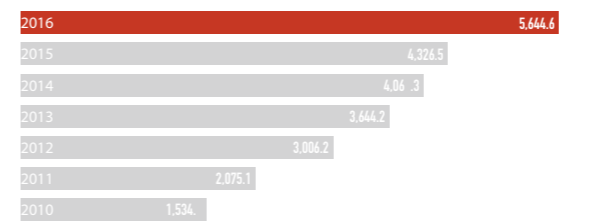
Stock Name	Stock Exchange	Stock Code	Dividend Share (RMB)	Earnings Share (RMB)
CNBM	Hong Kong Exchange	3323.HK	0.0430	0.2000
BNBM	Shanghai Stock Exchange	000786.SZ	0.1800	0.7930
Jiuhua	Shanghai Stock Exchange	600176.SH	0.2500	0.6254
Shiyan	Hong Kong Exchange	01893.HK	0.0300	0.1600
Shiyan	Shanghai Stock Exchange	600970.SH	0.0880	0.2900
Tianji	Shanghai Stock Exchange	000877.SZ	-	0.1134
Ningbo	Shanghai Stock Exchange	600449.SH	0.0400	0.1200
Qianhai	Shanghai Stock Exchange	600720.SH	0.0650	0.2146
Shiyan	Shanghai Stock Exchange	002080.SZ	0.1000	0.2699
Tianji	Shanghai Stock Exchange	600552.SH	-	0.1970
Shiyan	Shanghai Stock Exchange	603126.SH	0.0700	0.2134
Lafarge	Shanghai Stock Exchange	600876.SH	-	0.0219
Lafarge	Hong Kong Exchange	1108.HK	-	0.0219
Riata	Shanghai Stock Exchange	002066.SZ	-	0.1093
CTC	Shanghai Stock Exchange	603060.SH	0.1600	0.6827
Xijiang	Shanghai Stock Exchange	002205.SZ	-	0.1148

2010-2016 Cement Yield

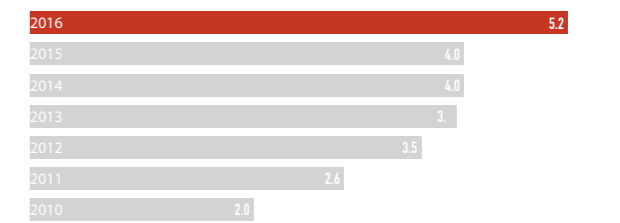


Source: United States Geological Survey

2010-2016 Total Assets



2010-2016 Cement Production Capacity



Energy Consumption and Emission Reduction

2010-2016 Total Energy Consumption
 Unit: 10,000 RMB
 Value

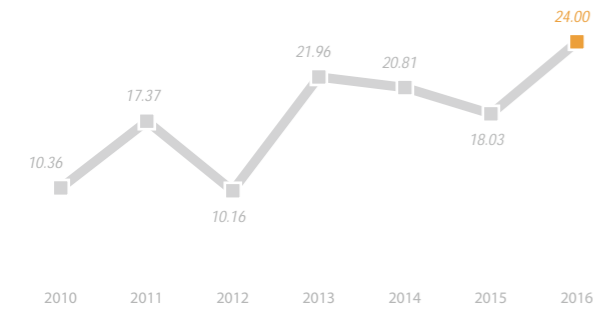
2010-2016 Total SO₂ and COD Emission
 Unit: kg/10,000 RMB
 Value

2010-2016 Total
 Value

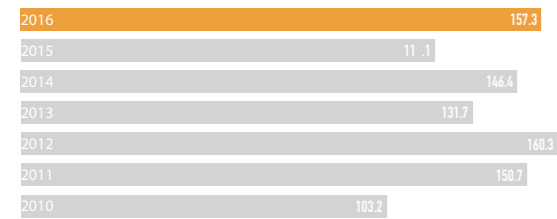


Corporate Citizenship

2010-2016 Environmental Social Welfare Activities (Unit: RMB Million)



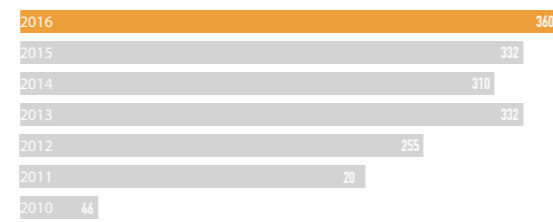
2010-2016 Total Paid (Unit: RMB 00,000)



2011-2016 Employee Satisfaction

	2011	2012	2013	2014	2015	2016
Special Award (Number)	27	20	18	31	8	8
Total Award (RMB 00,000)	-	136	112	53	36	37
Satisfaction Survey (Number)	727	466	506	227	159	266
Participation Rate (%)	-	98	119	97	47	134
Employee Satisfaction Score	-	17,815	36,530	28,619	26,586	34,030

2010-2016 Number of Safety Accidents (Unit: Times)



2011-2016 Performance of Creative Employees (Unit: Percentage)

	2011	2012	2013	2014	2015	2016
Newly created	21,182	15,901	16,081	23,617	16,929	22,342
OK: Graduated (Number)	4,276	3,743	4,383	3,848	2,473	3,129
OK: Deducted (Number)	241	521	158	46	10	23

2011-2016 Voluntary Activities

	2011	2012	2013	2014	2015	2016
Volunteer (Number)	-	67	109	65	56	112
Employee Participation (RMB 00,000)	-	91	145	145	191	344
Number of employees	-	3,337	4,864	3,400	2,187	5,646
Voluntary service time (Hours)	10,618	39,778	10,681	9,418	14,840	28,157

Technical Training

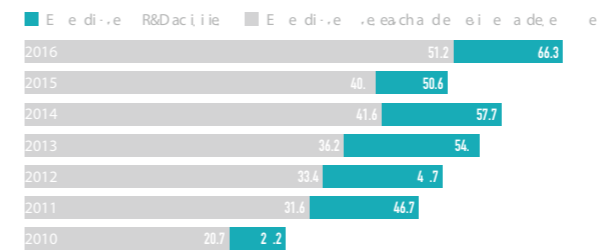
2010-2016 Technical Training and Professional Training (Unit: Number of Personnel)

	2010	2011	2012	2013	2014	2015	2016
Technical Training	63	132	152	145	117	123	173
OK: Graduated	0	2	0	1	1	0	2
OK: Deducted	17	46	89	54	48	48	82

2010-2016 Technical Training and Professional Training (Unit: Number of Personnel)

	2010	2011	2012	2013	2014	2015	2016
Newly trained	514	630	766	1262	1571	1568	2156
OK: Graduated	173	170	228	373	531	566	880
Newly trained	420	487	729	848	1318	1492	1793
OK: Graduated	54	80	143	128	106	193	455

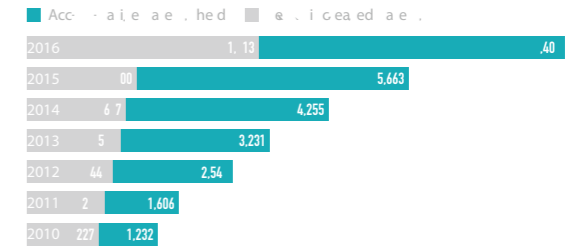
2010-2016 Employee R&D Activities (Unit: RMB 00,000)



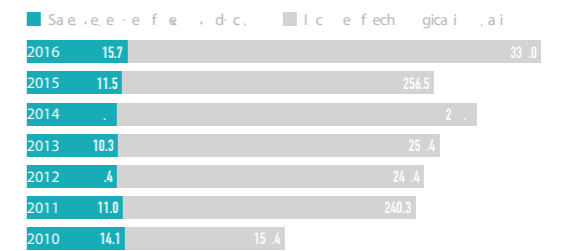
Technical Training and Professional Training (Unit: Number of Personnel)

	2010	2011	2012	2013	2014	2015	2016
Newly trained	79	28	22	59	104	62	91
OK: Graduated	0	1	1	1	3	2	2
Newly trained	30	15	5	8	35	36	57
Deducted	49	12	16	50	66	24	32

2010-2016 Accounting and Finance (Unit: Number of Personnel)



2010-2016 Technical Training and Professional Training (Unit: RMB 00,000)



Our Action Strategy (SDG) of the United Nations

On September 25, 2015, the United Nations General Assembly adopted the 2030 Agenda for Sustainable Development, which includes 17 Sustainable Development Goals (SDGs) and 169 targets. The United Nations Secretary-General Ban Ki-moon said that the 2030 Agenda for Sustainable Development is a blueprint to achieve a better and more equitable future for all. It is a call to action for all countries and all people.

<p>1 No Poverty</p> <p>2 Zero Hunger</p> <p>3 Good Health & Well-being</p> <p>4 Quality Education</p> <p>5 Gender Equality</p> <p>6 Clean Water & Sanitation</p> <p>7 Affordable and Clean Energy</p> <p>8 Decent Work and Economic Growth</p> <p>9 Industry, Innovation and Infrastructure</p>	<p>10 Reduced Inequalities</p> <p>11 Sustainable Cities and Communities</p> <p>12 Responsible Consumption and Production</p> <p>13 Climate Action</p> <p>14 Life Below Water</p> <p>15 Life on Land</p> <p>16 Peace, Justice and Strong Institutions</p> <p>17 Partnerships for Goals</p>	<p>10 The employment rate of ethnic minorities reached 2.5%</p> <p>11 We have built 54 new building materials bases</p> <p>12 The treatment rate of solid waste reached 88.6%</p> <p>13 The recycling rate of water hit 93.7%</p> <p>14 We had 9 state-level green mines</p> <p>15 The average greening rate of plants was 16.1%</p> <p>16 156,000 person-times of employees participated in legal publicity and</p> <p>17 91.7% of the proposals of the Workers' Congress were handled and settled</p>	<p>11 RMB 14.7 million was spent to help and reward special groups of employees</p> <p>11 11,608 person-times of special groups of employees received help and rewards</p> <p>11 The donation amount hit RMB 24.0 million</p> <p>11 We targeted 5 districts and counties for poverty alleviation</p> <p>11 RMB 11.5 million was invested in poverty alleviation</p> <p>11 The input of voluntary activities reached about RMB 3.4 million</p> <p>11 28,000 hours of voluntary services were provided by our employees</p> <p>11 The recordable injury rate per 1,000 employees was decreased by 44.4% on a year-on-year basis</p> <p>11 0 new cases of occupational diseases</p> <p>11 We organized 228,000 person-times of employees to participate in various cultural and sports events</p> <p>11 Our employees attended training for 3.3 million hours</p> <p>11 We supported our employees in gaining 3,028 academic degrees</p> <p>11 We provided 8 special scholarships</p> <p>11 We provided scholarships amounting to about RMB 370,000 in total</p> <p>11 We created 134 probation bases</p> <p>11 We offered 34,030 learning posts to students</p> <p>11 The ratio of the average salary of male employees to that of female employees was 3.3:1</p> <p>11 The number of female employees reached 46,000</p> <p>11 In management, females take up a proportion of 18.3%</p> <p>11 Consumption of fresh water per RMB 10,000 of output value was reduced by 13.9%</p> <p>11 Consumption of fresh water per ton of cement clinker was reduced by 17.4%</p> <p>11 The installed capacity of cogeneration reached about 2,025.3 MW</p> <p>11 The annual generating capacity of cement cogeneration reached about 8.7 billion kWh</p> <p>11 The total number of employees reached 234,511</p> <p>11 The number of new employees hit 22,000</p> <p>11 The coverage rate of labor contracts hit 100%</p> <p>11 The coverage rate of social insurance hit 98%</p> <p>11 The proportion of employees joining the Trade Union reached 91%</p> <p>11 22,871 employees were covered by corporate pensions</p> <p>11 602 member companies carried out employee satisfaction surveys</p> <p>11 12 energy-saving and environmental protection service institutions</p> <p>11 1 national carbon market capacity development building materials industry training base</p> <p>11 9 cement production lines with the collaborative treatment of solid waste</p>	<p>10 The proportion of employees with disabilities reached 8.0%</p> <p>11 Our energy-saving and environmental protection new housing businesses cover 39 countries</p> <p>12 The rate of responsibility-based procurement hit 94.8%</p> <p>12 Expenditure on R&D activities amounted to about RMB 6.6 billion</p> <p>12 RMB 33.9 billion was recorded from the sales of new products</p> <p>12 The income from technological innovation reached RMB 1.6 billion</p> <p>14 The recycling rate of water hit 93.7%</p> <p>15 We had 9 state-level green mines</p> <p>15 The average greening rate of plants was 16.1%</p> <p>15 About 150 million tons of solid waste was treated</p> <p>16 156,000 person-times of employees participated in legal publicity and</p> <p>16 The performance rate of business contracts reached 98.9%</p> <p>17 91.7% of the proposals of the Workers' Congress were handled and settled</p> <p>17 Our coverage rate of collective bargaining and contracts was 27.4%</p> <p>17 The hiring rate of local employees reached 64.8%</p> <p>17 We joined 3 international organizations related to social responsibilities and sustainable development</p> <p>17 We have established 166 overseas enterprises and institutions</p> <p>17 Nearly 55,000 person-times of employees participating in communication with external stakeholders</p>
--	---	---	--	--

Indicativul de (CASS-CSR3.0)

Pa 1 Preface (P. eie)				
Indicativul de	Nr.	Conținutul	Page	Natura
Scopul	P1.1	Precizia, fiabilitatea	C. 2	Eed
	P1.2	Integritatea	C. 2	C.e
	P1.3	Bi-direcțional	C. 2	C.e
	P1.4	Relevanța	C. 2	C.e
	P1.5	Claritatea	C. 2	C.e
Relevanța	P2.1	Precizia, fiabilitatea	P1	Eed
	P2.2	Securitatea, fiabilitatea	P68	C.e
	P2.3	Precizia, fiabilitatea, integritatea	P68-69	Eed
Echivalența	P3.1	Organizarea, fiabilitatea, integritatea	P4-5	C.e
	P3.2	Sistemul de evaluare, fiabilitatea, integritatea	P4-5	C.e
Conținutul	P4.1	Claritatea, fiabilitatea, integritatea	P6	C.e
	P4.2	Măsurarea, fiabilitatea, integritatea	P9-11	C.e
	P4.3	Regulile de evaluare, fiabilitatea, integritatea	P6, P9-11	C.e
	P4.4	Sistemul de evaluare, fiabilitatea, integritatea	P9-11	C.e
	P4.5	Nivelul de evaluare, fiabilitatea, integritatea	P38, 83	C.e
	P4.6	Liabilitatea, fiabilitatea, integritatea	P70-71	Eed
	P4.7	Măsurarea, fiabilitatea, integritatea	C. 2	Eed
Alte	P5.1	Alte	P71	C.e
	P5.2	Alte	P80-85	C.e
	P5.3	Alte	P71	C.e

Pa 2 Rețineri, Măsurare (GSeie)				
Rețineri, Măsurare	G1.1	Phi	P64-65	C.e
	G1.2	Evaluarea, fiabilitatea, integritatea	P70-71	Eed
	G1.3	Identificarea, fiabilitatea, integritatea	P64, 68	C.e
	G1.4	CSR	P66	Eed
Rețineri, Măsurare	G2.1	Leads, fiabilitatea, integritatea	P66	Eed
	G2.2	Cherțurile, fiabilitatea, integritatea	P68-69	Eed
	G2.3	Organizarea, fiabilitatea, integritatea	P66	C.e
	G2.4	Integritatea, fiabilitatea, integritatea	P66	C.e
	G2.5	Măsurarea, fiabilitatea, integritatea	P66	Eed
Rețineri, Măsurare	G3.1	Precizia, fiabilitatea, integritatea	P66	Eed
	G3.2	Precizia, fiabilitatea, integritatea	P70	Eed
Rețineri, Măsurare	G4.1	Claritatea, fiabilitatea, integritatea	P66-67	Eed
	G4.2	Claritatea, fiabilitatea, integritatea	P66	Eed
	G4.3	Echivalența, fiabilitatea, integritatea	P66	Eed
	G4.4	Măsurarea, fiabilitatea, integritatea	N/A	C.e
Rețineri, Măsurare	G5.1	Liabilitatea, fiabilitatea, integritatea	P69	C.e
	G5.2	Precizia, fiabilitatea, integritatea	P68	Eed
	G5.3	Claritatea, fiabilitatea, integritatea	P69	C.e
	G5.4	Claritatea, fiabilitatea, integritatea	P68	C.e
	G5.5	Claritatea, fiabilitatea, integritatea	P68	C.e
	G5.6	Precizia, fiabilitatea, integritatea	P68	C.e
Rețineri, Măsurare	G6.1	Claritatea, fiabilitatea, integritatea	P70	Eed
	G6.2	Precizia, fiabilitatea, integritatea	P70-71	Eed
	G6.3	Precizia, fiabilitatea, integritatea	P70	Eed
	G6.4	Claritatea, fiabilitatea, integritatea	P66	C.e

Pa 3 Măsurare, Măsurare (MSeie)				
Rețineri, Măsurare	M1.1	Precizia, fiabilitatea, integritatea	P19	C.e
	M1.2	Precizia, fiabilitatea, integritatea	P19	C.e
	M1.3	Nivelul de evaluare, fiabilitatea, integritatea	P19	C.e
	M1.4	G	P80-81	C.e
	M1.5	Precizia, fiabilitatea, integritatea	P80-81	C.e
	M1.6	Safe	P80-81	C.e

Pa 3 Măsurare, Măsurare (MSeie)				
Rețineri, Măsurare	M2.1	Claritatea, fiabilitatea, integritatea	P20	C.e
	M2.2	Precizia, fiabilitatea, integritatea	P20	C.e
	M2.3	Precizia, fiabilitatea, integritatea	P20	C.e
	M2.4	Siguranța, fiabilitatea, integritatea	P20	C.e
	M2.5	Precizia, fiabilitatea, integritatea	P20	C.e
	M2.6	Precizia, fiabilitatea, integritatea	N/A	C.e
	M2.7	Precizia, fiabilitatea, integritatea	P57	C.e
	M2.8	Liabilitatea, fiabilitatea, integritatea	P54, 85	Eed
	M2.9	Nivelul de evaluare, fiabilitatea, integritatea	P54	Eed
	M2.10	Nivelul de evaluare, fiabilitatea, integritatea	P85	Eed
	M2.11	Siguranța, fiabilitatea, integritatea	P85	Eed
	M2.12	Siguranța, fiabilitatea, integritatea	P85	Eed
	M2.13	Claritatea, fiabilitatea, integritatea	N/A	C.e
Rețineri, Măsurare	M3.1	Siguranța, fiabilitatea, integritatea	P20	C.e
	M3.2	Claritatea, fiabilitatea, integritatea	P21	C.e
	M3.3	Claritatea, fiabilitatea, integritatea	P18	C.e
	M3.4	Echivalența, fiabilitatea, integritatea	P18	C.e
	M3.5	Identificarea, fiabilitatea, integritatea	P70	Eed
	M3.6	Liabilitatea, fiabilitatea, integritatea	P70	Eed
	M3.7	Siguranța, fiabilitatea, integritatea	P70	Eed
	M3.8	Relevanța, fiabilitatea, integritatea	P70	Eed
	M3.9	Precizia, fiabilitatea, integritatea	P70	Eed
	M3.10	Raii, fiabilitatea, integritatea	P70	C.e
Rețineri, Măsurare	M3.11	Nivelul de evaluare, fiabilitatea, integritatea	N/A	Eed
	M3.12	Raii, fiabilitatea, integritatea	P70	Eed

Pa 4 Sistemul de Evaluare, Măsurare (SSeie)				
Rețineri, Măsurare	S1.1	Legat de, fiabilitatea, integritatea	P18	C.e
	S1.2	Taii, fiabilitatea, integritatea	P18	C.e
	S1.3	Precizia, fiabilitatea, integritatea	P18	C.e
	S1.4	Legat de, fiabilitatea, integritatea	P18	Eed
	S1.5	Taii, fiabilitatea, integritatea	P12	C.e
	S1.6	Relevanța, fiabilitatea, integritatea	P21	C.e
	S1.7	Precizia, fiabilitatea, integritatea	P21	C.e
	S1.8	Nivelul de evaluare, fiabilitatea, integritatea	P42	C.e
	S2.1	Siguranța, fiabilitatea, integritatea	P83	C.e
	S2.2	Claritatea, fiabilitatea, integritatea	P39	Eed
	S2.3	Declararea, fiabilitatea, integritatea	P39	C.e
	S2.4	Precizia, fiabilitatea, integritatea	P83	Eed
	S2.5	Nivelul de evaluare, fiabilitatea, integritatea	P39	Eed
	S2.6	Măsurarea, fiabilitatea, integritatea	P38	Eed
	S2.7	Raii, fiabilitatea, integritatea	P38	Eed
	S2.8	Măsurarea, fiabilitatea, integritatea	P40	C.e
	Rețineri, Măsurare	S2.9	Claritatea, fiabilitatea, integritatea	P83
S2.10		Siguranța, fiabilitatea, integritatea	P38	Eed
S2.11		Alte, fiabilitatea, integritatea	P50-51	Eed
S2.12		Welfare, fiabilitatea, integritatea	P50-51	C.e
S2.13		Precizia, fiabilitatea, integritatea	P83	C.e
S2.14		Precizia, fiabilitatea, integritatea	P83	Eed
S2.15		Raii, fiabilitatea, integritatea	P83	Eed
S2.16		Precizia, fiabilitatea, integritatea	P37	Eed
S2.17		Claritatea, fiabilitatea, integritatea	P36	C.e

Pa 4 S cia Pe f, a ce (S Se ie)				
Idica . Ca. i cai	N.	C e fl dica .	Page	Na .e fl dica .
	S2.18	Tai i g f cc ai a,afe, a dhea h	P36	C .e
	S2.19	Ne cc ai a die e d .i g e f .e .	P83	C .e
	S2.20	S, e a d ea .e f .e .e i agai, cc ai a i j .ie	P34-35	E e ded
	S2.21	Me a hea h . . e / ea .e f .e . . ee	P37	E e ded
	S2.22	C .e age .a e f h .ica e a i ai a dhea h .e c .d	P36	C .e
	S2.23	P .idi g e .a hea h a d .afe . . eci . a .i e ., e .a .x .ke, a d e . .ee f .bc .ac .	P36	E e ded
	S2.24	Ca ee de e e cha e f .e . . ee	P40	C .e
	S2.25	E . .ee .ai i g . . e	P40	C .e
	S2.26	E . .ee .ai i g e f . a ce	P83	C .e
	S2.27	I .e e i aidi g a d . . i g e . .ee i di c .ie	P41	C .e
	S2.28	P .idi g . ecia . . eci f . . ecia . ai . (.eg a . . e . . . i g . e .e c)	P41	E e ded
	S2.29	Re ec f .e . .ee 'fa l .e . .ibi i e a d . a e i e .e ., a d ai ai i g . / k / fe ba a ce	P41	E e ded
	S2.30	E . .ee .a i fac i	P32	E e ded
	S2.31	E . .ee . . . e . a e	P32	E e ded
Safe . . d . ci	S3.1	Safe . . d . ci a age e . . . e	P34-35	C .e
	S3.2	Safe . e e g e c a age e echa i	P34	C .e
	S3.3	Safe . ed . cai a d . ai i g	P35	C .e
	S3.4	Safe . ai i g e f . a ce	P36	C .e
	S3.5	I .e e i .afe . . d . ci	P36	C .e
	S3.6	N . b e f . d . ci accide .	P34	C .e
	S3.7	N . b e f e . . ee ca . a ie	P34	C .e
Re . . ibi i e . i h . ega d c . . i .	S4.1	A .e . e fi ac fe e . i ee e i g . e i i g c . . i i e e . i e a d . cie . fc . . i i e	P24-25	E e ded
	S4.2	Ra e fa . e . e fi e e ai e . i e a d . cia i . e ce f e . . jec .	P24	E e ded
	S4.3	Pa ici ai fc . . i . e . e e ai e i . jec c . . ci a d de e e	P24-25	E e ded
	S4.4	E e . i ee de e ed . . . ed . cia be e . . jec i c . . i . f e ai	P44	E e ded
	S4.5	E . .ee ca i ai ic	P44-45	C .e
	S4.6	P . . i f ca e . . e	P45	E e ded
	S4.7	P . . i f ca e . . ee i . e i e . e c . i e acc . di g ai e ai . egi .	P45	E e ded
	S4.8	L ca . c . e e ic	P44	E e ded
	S4.9	C . . a e . b i a e fa e ic . . ai . b i a e fa e ed	P48-49	C .e
	S4.10	C . . a e . b i a e fa e f d / f . dai	N/A	E e ded
	S4.11	O . e . ea . b i a e fa e	P48	E e ded
	S4.12	T a a . . fd ai	P48	C .e
	S4.13	P ic a d ea . e . . i g . . a . e . ice	P49	C .e
	S4.14	V . a . . e . ice e f . a ce fe . . ee	P49	C .e
Pa 5 E . i e a Pe f, a ce (E Se ie)				
Idica . Ca. i cai	N.	C e fl dica .	Page	Na .e fl dica .
	E2.4	C . . ehe . i ee e g c . . i e . i . . . a e fe e . i e	P82	C .e
	E2.5	P ic a d ea . e f . . i i ai f e . . e e a be . cea e e g	P26	E e ded
	E2.6	U i i ai a . . f e . . e e a be a d cea e e g	P82	E e ded
	E2.7	P ic . ea . e . ech . gie f . . ed ci g . a e ga e i . i	P26	C .e
	E2.8	E i i a de i i . ed ci f a e ga	P82	C .e
	E2.9	S . e . . . ea . e . ech . gie f . . ed ci g . a e a e di cha ge	P26	C .e
	E2.10	E i i a de i i . ed ci f a e a e	P82	C .e
	E2.11	S . e . . . ea . e . ech . gie f . . ed ci g . a e e i i .	P26	C .e
	E2.12	E i i a de i i . ed ci f a e	P82	C .e
	E2.13	P icie a d ea . e f . de e e f c i c a ec .	P26	C .e
	E2.14	C c i ca . i i ai . a e f . e e a be . e . . ce	P82	C .e
	E2.15	C . . . ci f a e . a i g e e . i e	P26	C .e
	E2.16	A . a c . . i f fe h a e / fe h a e c . . i f i i d . . ia added . a . e	P82	C .e
	E2.17	V . e f e . a . a e . e . e	P27	C .e
	E2.18	Pa a daci f . . ed ci f g ee h . . ega e i i .	P26	C .e
	E2.19	E i i a de i i . ed ci f g ee h . . ega e	N i c . ded i h e . ai ic . . e	E e ded
Gee . d . c .	E3.1	P . . i f . . ie . a i g ISO 14000	P70	C .e
	E3.2	Mea . e i . . . ee . i e a . . eci a a e e . a d ca abi . f . . ie .	P30	E e ded
	E3.3	N . b e f . . ie . . ece i g e a i e . e a ed e . i e a . . eci . . a d . b e f e a i e	N i c . ded i h e . ai ic . . e	E e ded
	E3.4	S . . . f . R & D a d . a e f g ee . . ca b . . d . c .	P28-29	E e ded
	E3.5	Mea . e a d e f . a ce i . a e . . d . c . e c c i g	P26	C .e
	E3.6	P icie a d e f . a ce i i i i ai a d . e c c i g f ackagi g	P30	C .e
Gee ec g	E4.1	P . eci f b i g i ca di e . i .	P24	C .e
	E4.2	P . eci f a . . a habi a . . e a d . f . e . . a i d i f e c . . id . . a dag i c . . a a d . d . i g c . . . ci	P24,26	E e ded
	E4.3	E c g i ca . e . ai a d g . e a ce	P24,26	E e ded
	E4.4	Ra e fec g i ca . e . ai a d g . e a ce	N i c . ded i h e . ai ic . . e	E e ded
	E4.5	P . b i a e fa e ac i i e f . e . i e a . . eci	P25	C .e
Pa 6 Re . . P . . ci (A Se ie)				
Idica . Ca. i cai	N.	C e fl dica .	Page	Na .e fl dica .
	(A1)	F . . e a : C . . a e a i g . . cia e . . ibi i . . k	P5,66	C .e
	(A2)	Re . . Ea . ai : Ea . ai f e . . b . cia e . . ibi i . . i d . . e . . . e . . e a i e e ed a i e . . . fe . i a . ga i ai .	P92	C .e
	(A3)	Ref e e cel de : A i ca i f i dica . . e . i ed bed i c . ed b he G ide i e	P88-91	E e ded
	(A4)	Feedback : e i ai e f . eads . ' i i . a d feedback cha e f . . eads . ' i i .	P93	C .e

Pa 4 S cia Pe f, a ce (S Se ie)				
Idica . Ca. i cai	N.	C e fl dica .	Page	Na .e fl dica .
	S2.18	Tai i g f cc ai a,afe, a dhea h	P36	C .e
	S2.19	Ne cc ai a die e d .i g e f .e .	P83	C .e
	S2.20	S, e a d ea .e f .e .e i agai, cc ai a i j .ie	P34-35	E e ded
	S2.21	Me a hea h . . e / ea .e f .e . . ee	P37	E e ded
	S2.22	C .e age .a e f h .ica e a i ai a dhea h .e c .d	P36	C .e
	S2.23	P .idi g e .a hea h a d .afe . . eci . a .i e ., e .a .x .ke, a d e . .ee f .bc .ac .	P36	E e ded
	S2.24	Ca ee de e e cha e f .e . . ee	P40	C .e
	S2.25	E . .ee .ai i g . . e	P40	C .e
	S2.26	E . .ee .ai i g e f . a ce	P83	C .e
	S2.27	I .e e i aidi g a d . . i g e . .ee i di c .ie	P41	C .e
	S2.28	P .idi g . ecia . . eci f . . ecia . ai . (.eg a . . e . . . i g . e .e c)	P41	E e ded
	S2.29	Re ec f .e . .ee 'fa l .e . .ibi i e a d . a e i e .e ., a d ai ai i g . / k / fe ba a ce	P41	E e ded
	S2.30	E . .ee .a i fac i	P32	E e ded
	S2.31	E . .ee . . . e . a e	P32	E e ded
Safe . . d . ci	S3.1	Safe . . d . ci a age e . . . e	P34-35	C .e
	S3.2	Safe . e e g e c a age e echa i	P34	C .e
	S3.3	Safe . ed . cai a d . ai i g	P35	C .e
	S3.4	Safe . ai i g e f . a ce	P36	C .e
	S3.5	I .e e i .afe . . d . ci	P36	C .e
	S3.6	N . b e f . d . ci accide .	P34	C .e
	S3.7	N . b e f e . . ee ca . a ie	P34	C .e
Re . . ibi i e . i h . ega d c . . i .	S4.1	A .e . e fi ac fe e . i ee e i g . e i i g c . . i i e e . i e a d . cie . fc . . i i e	P24-25	E e ded
	S4.2	Ra e fa . e . e fi e e ai e . i e a d . cia i . e ce f e . . jec .	P24	E e ded
	S4.3	Pa ici ai fc . . i . e . e e ai e i . jec c . . ci a d de e e	P24-25	E e ded
	S4.4	E e . i ee de e ed . . . ed . cia be e . . jec i c . . i . f e ai	P44	E e ded
	S4.5	E . .ee ca i ai ic	P44-45	C .e
	S4.6	P . . i f ca e . . e	P45	E e ded
	S4.7	P . . i f ca e . . ee i . e i e . e c . i e acc . di g ai e ai . egi .	P45	E e ded
	S4.8	L ca . c . e e ic	P44	E e ded
	S4.9	C . . a e . b i a e fa e ic . . ai . b i a e fa e ed	P48-49	C .e
	S4.10	C . . a e . b i a e fa e f d / f . dai	N/A	E e ded
	S4.11	O . e . ea . b i a e fa e	P48	E e ded
	S4.12	T a a . . fd ai	P48	C .e
	S4.13	P ic a d ea . e . . i g . . a . e . ice	P49	C .e
	S4.14	V . a . . e . ice e f . a ce fe . . ee	P49	C .e
Pa 5 E . i e a Pe f, a ce (E Se ie)				
Idica . Ca. i cai	N.	C e fl dica .	Page	Na .e fl dica .
	E1.1	E abi h i g e . i e a a age e . ga i ai a . . e a d echa i . . . e	P25	C .e
	E1.2	E . i e . a i g a d . e . e . . e	P24	E e ded
	E1.3	Pa ici ai i e . i e a . ga i ai a .	P25	E e ded
	E1.4	A .e . e i ac fe e . i e e . i e	P24	C .e
	E1.5	T ai . e e i e . i e a . . eci	P22	C .e
	E1.6	T ai i g a d . b i c . fe . i e a . . eci	P25	C .e
	E1.7	E . i e a . . eci . ai i g e f . a ce	P25	C .e
	E1.8	D i c . . e fe . i e . e a e d i f . ai	P25	E e ded
	E1.9	P . ce . a d fe . e c fc . . i ca i . i h c . . i i e e . i e	P25	E e ded
	E1.10	Gee ce ea . e	P25	C .e
	E1.11	Gee ce e f . a ce	P25	E e ded
	E1.12	Sa i g e o g b . ed ci g b . i e . . i .	P25	E e ded
	E1.13	Gee b i d i g a d . a e . . k	N/A	E e ded
Gee fac . ie	E2.1	E abi h e fe o g a age e . . . e	P24-27	E e ded
	E2.2	E o g c . e . ai ic a d ea . e	P24-27	C .e
	E2.3	T a a . a e o g c . . i	P27	C .e

Raising Relevance

Feedback





Please fold here

1 0 0 0 3 6



STAMP

Site 2218, Building 2, Guohai Plaza, 17
Fifth Ring Road, Haidian District, Beijing

Sichuan Ribin and Eeg Saig & Eiea
Precision China Building
Ma eia Group Co., Ltd.

Please fold here