

2018

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# 社会责任报告

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CORPORATE SOCIAL  
RESPONSIBILITY REPORT





CORPORATE SOCIAL RESPONSIBILITY REPORT

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## ABOUT THE REPORT

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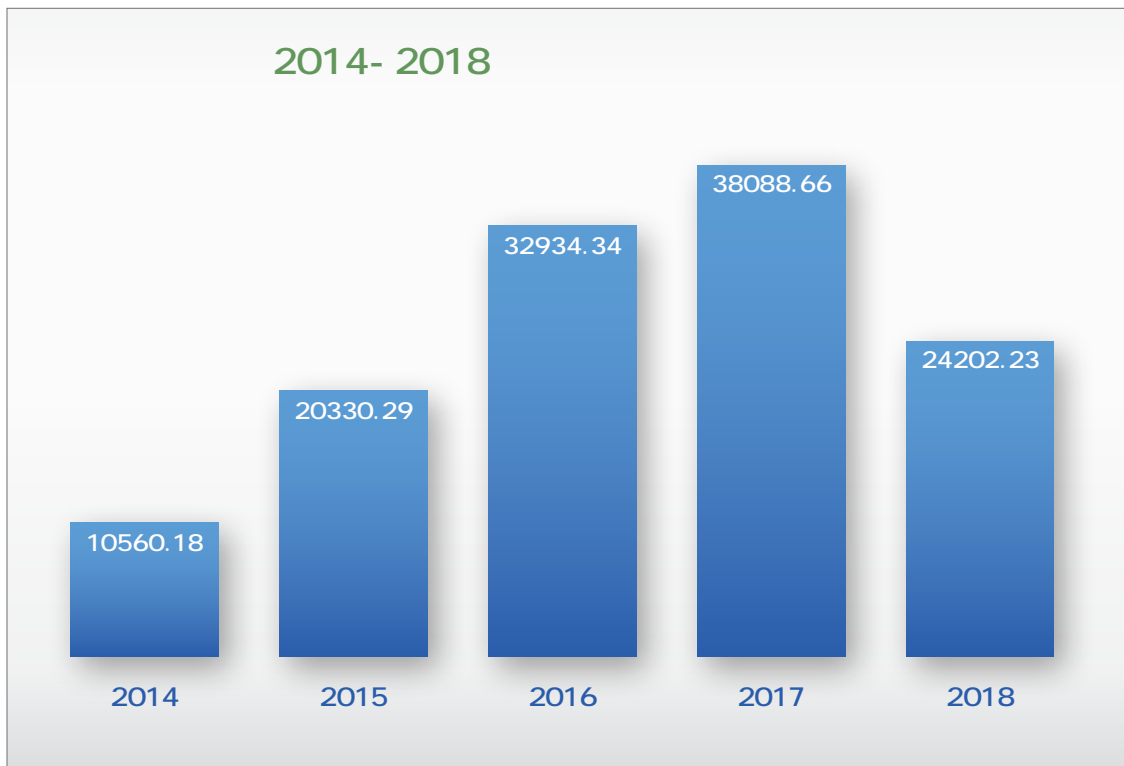
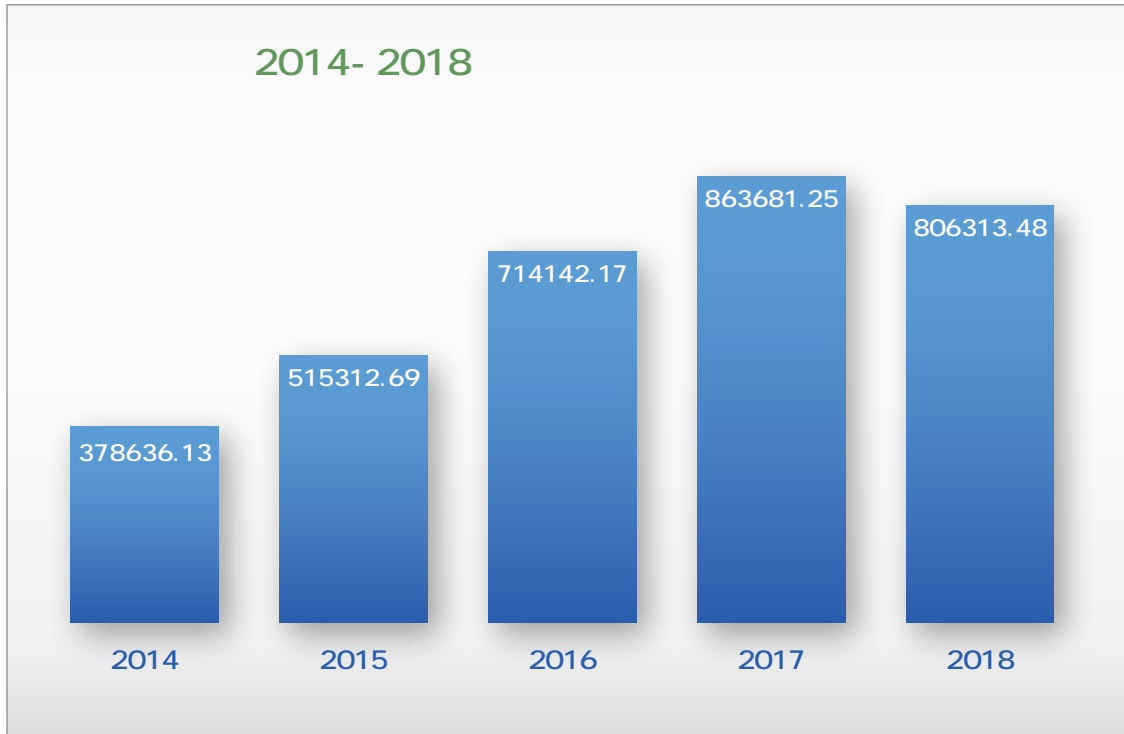
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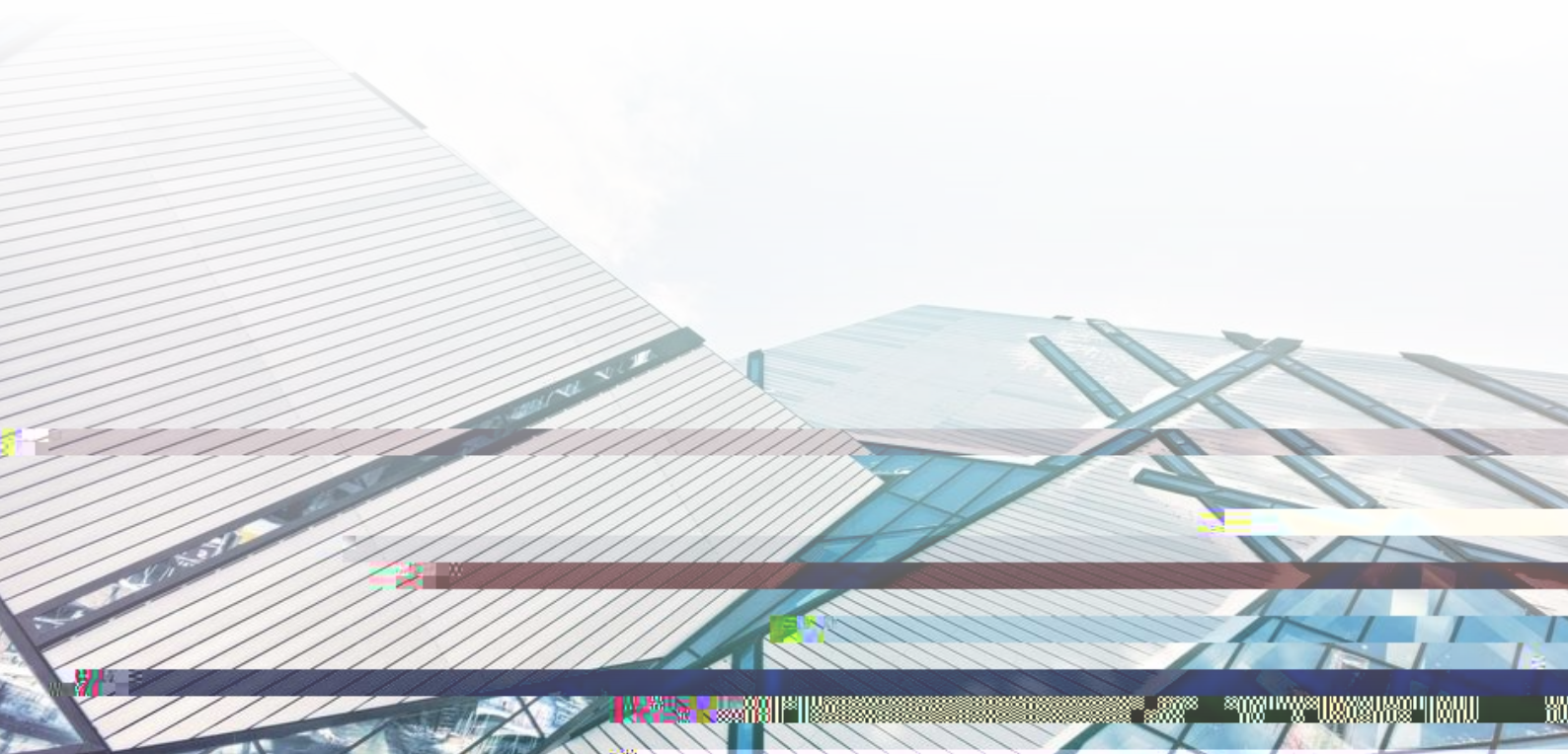














1	2018 2	-
2	2018 5	" 2018 "
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6	2018 5	" 2018 "
7	2018 6	2018 UPS " "
8	2018 6	" "
9	2018 7	2018 " "
10	2018 7	2018 " "
11	2018 7	2018 " "
12	2018 9	2018 500
13	2018 10	2018 " "
14	2018 11	
15	2018 12	2018 " "
16	2018 12	2018
17	2018 12	2018



1	ALABC	
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21	CNECC	
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30		
31		
32		
33		



Strategy and management of responsibility





ISO 9001 ISO 14001 OHSAS 18001 SA 8000 QC 080000 EICC

1996	12	ISO 9001
2000	7	ISO 14001
2004	9	
2006	12	
2006	12	QC 080000
2006	12	OHSAS 18001
2008	3	TL 9000
2009	2	SA 8000
2010	7	EICC
2012	1	
2016	3	TS 16949
2017	11	ISO 50001
2017	12	IATF 16949
2018	10	QC 080000

## Participation of interested parties

"

"



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CSR



## Business ethics and commercial liability

2010 7 EICC Electronic Industry Citizenship Coalition

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/

E-mail [dd@narada.biz](mailto:dd@narada.biz)

0571-56975986

## Reliable and trustworthy new energy

Enormous achievements in scientific and technological innovation

2018	30	21	2018	13	3
2018	112	50		43	





ALABC

"

"



5G

2018 4

IDC +

2018 7

IDC +

8

2018 9 R&D

+

2019

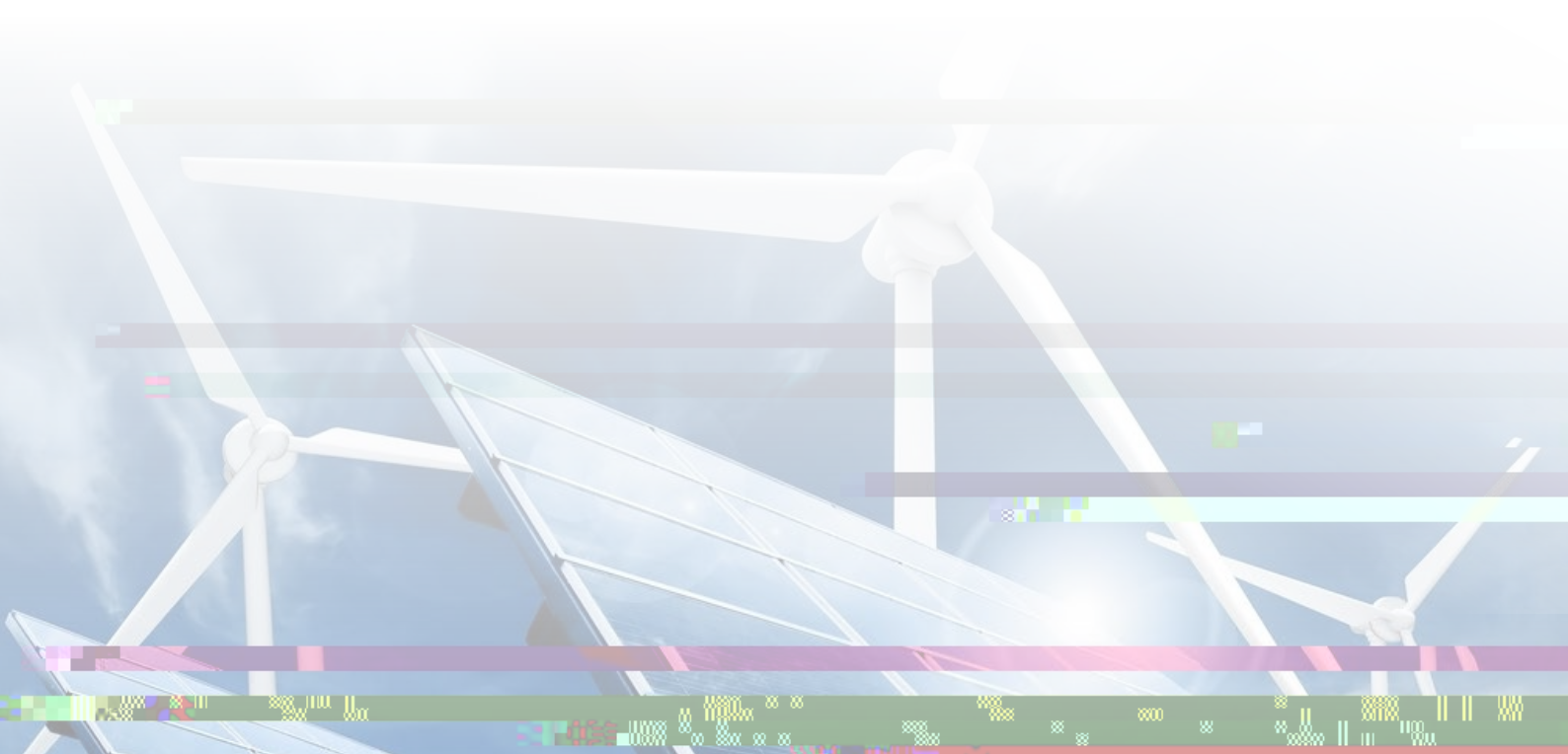


2018

" CAP1400

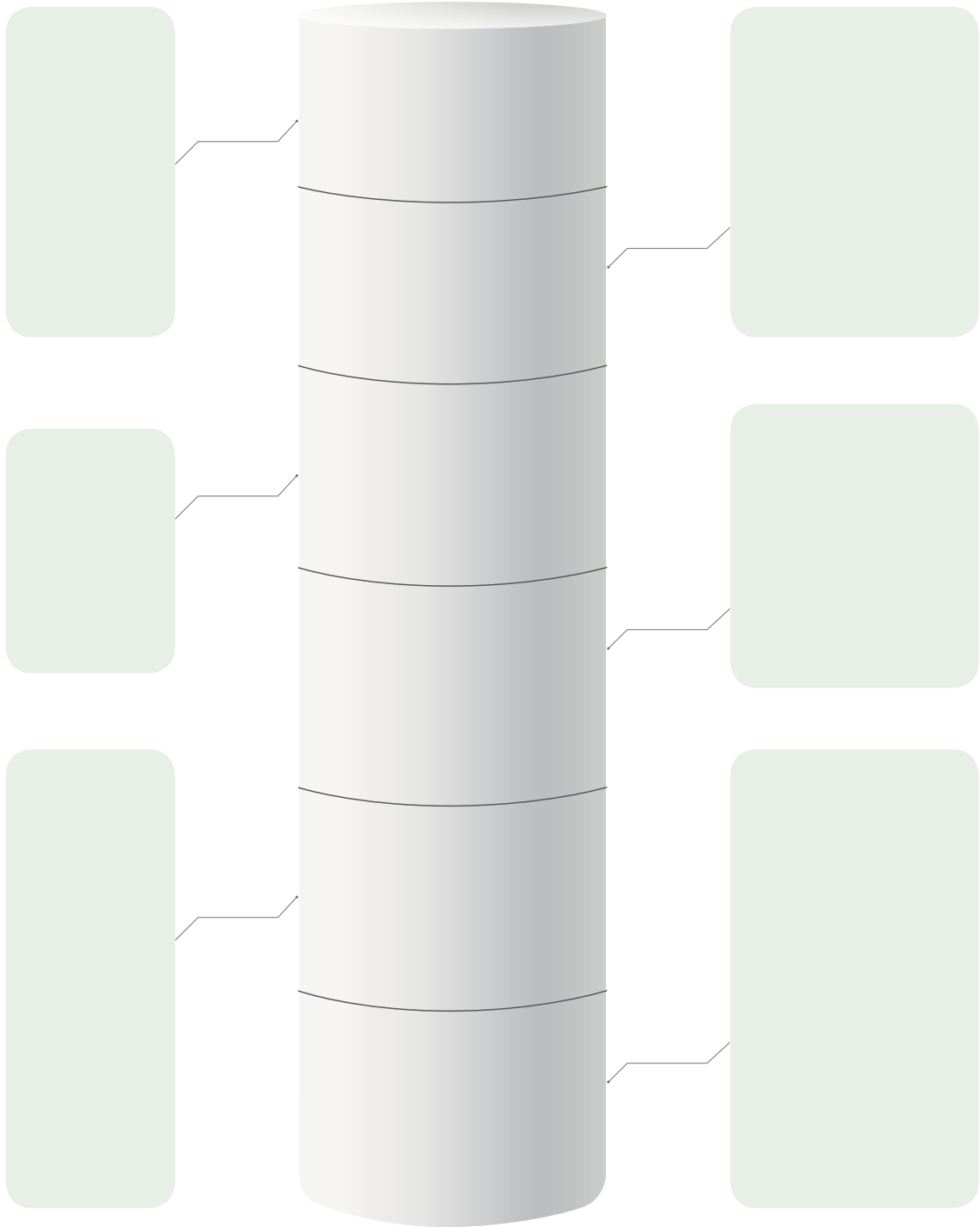
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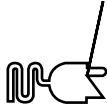
"





35KV  
“ ”





1		100%		
2		58.8MWh		
3		1.094		
4				
5		-		100MW
6				-
7				-



1				
2	35kV		35kV	80 MWh
3	45	160 MWh		
4				



1	"	"	
2			20.5MW /164MWh
3		6MW /48MWh	4MW /32MWh
	5MW /40MWh		3MW /24MWh 5
4			



1			863
2			6MW /36MWh
3	"	"	



2018

2018 7

2MW/0.5

1

4

2018

/ /

" + "



## Assurance of communication and big data security

IDC

2017

5G

5G

5G

5G

5G

5G

## 2018 ICT



NPFC 100Pack 30%  
NPFC 50Pack 20%



480V 5





2019 5G 5G 5G  
5G  
2018 5  
2018 5G 5G  
2018 8 2018-  
2020 5G 5G  
2019 5G 5G  
5G  
5G 5G  
2019 5G





## Notable achievements in recycling of renewable resources

2016-2020 2015 33% 2020 2018 45%

2018

120 /

2018 7

2018

12

"

/

" "

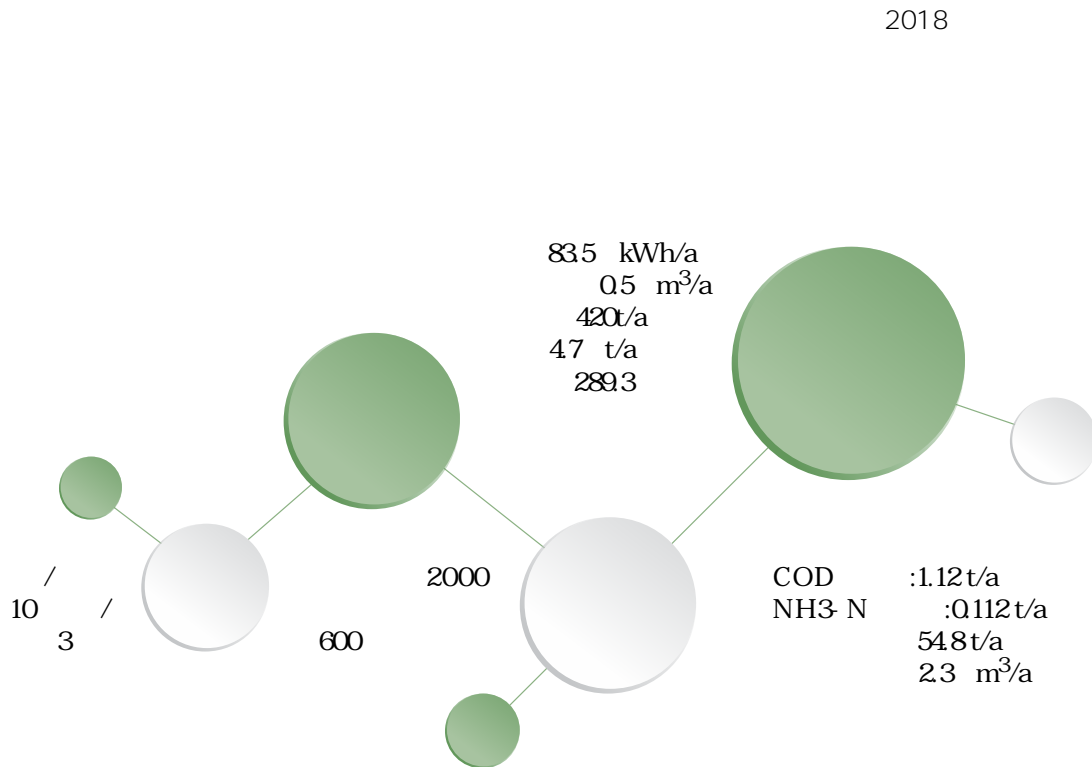
"





# For a wonderful world

## Cleaner production



## Resource management

2018		2018	
13.46%	2V	LED	6
		13600	2V
		20%	" "

## Greenhouse gas(ghg) inspection

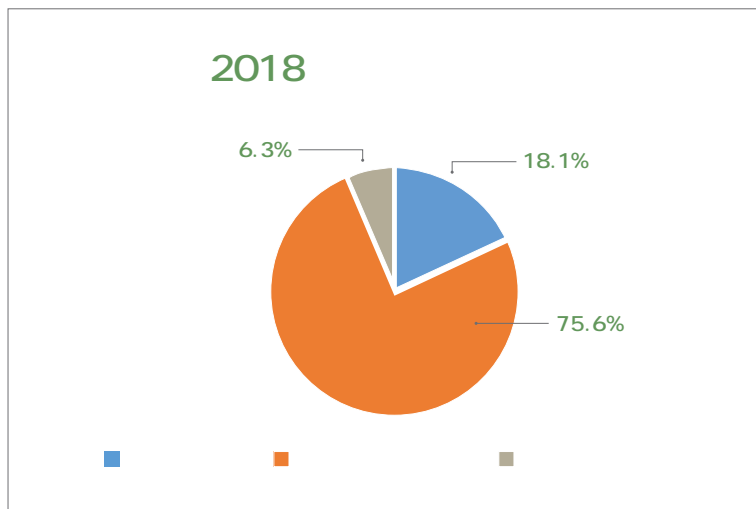
ISO 14064- 1:2006 2018

### 2018

	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFC <sub>s</sub>	PFC <sub>s</sub>	SF <sub>6</sub>	t- CO <sub>2</sub> e
t- CO <sub>2</sub> e	99543.44	19.60	9.84	0.00	0.00	0.00	99572.88
	99.97%	0.02%	0.01%	0.00%	0.00%	0.00%	100.00%

## 2018

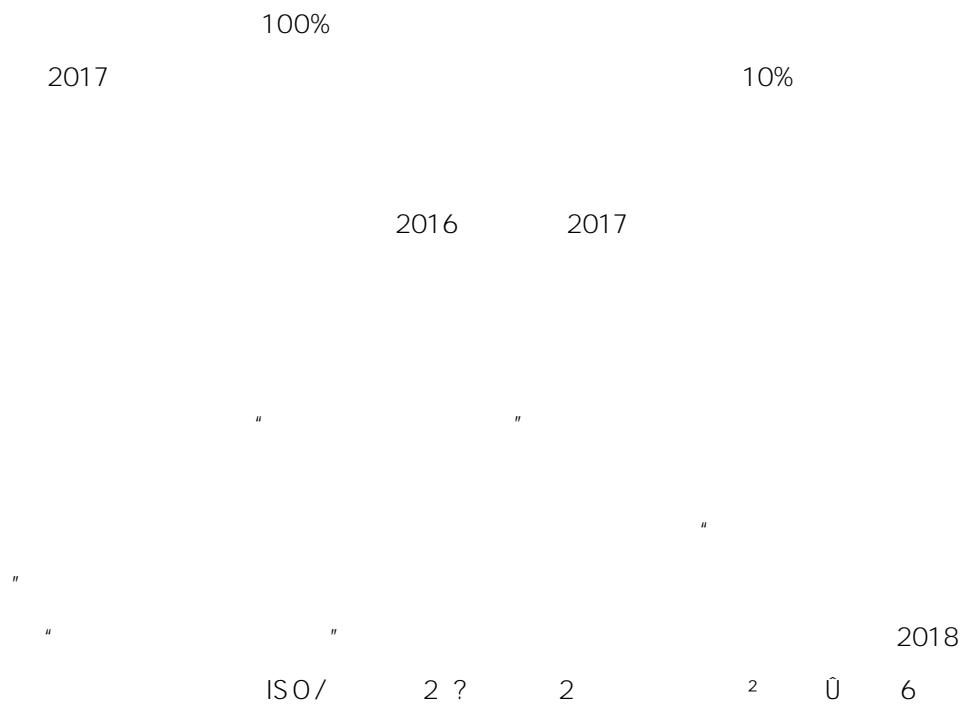
				t- CO <sub>\$W</sub>
(t- CO <sub>\$W</sub> )	18067.03	75283.08	6222.76	99572.88
	18.1%	75.6%	6.3%	100%



2018	99572.88	2017	0.3
2017	65.8%		
2018	81.9%		75.6%
6.3%			

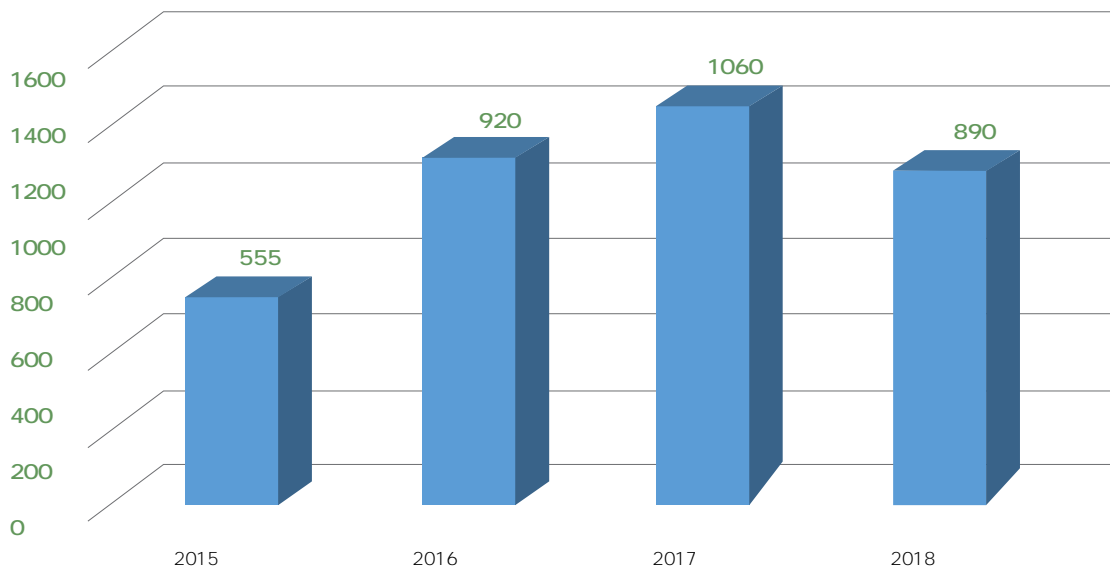
Environmental protection







2015- 2018

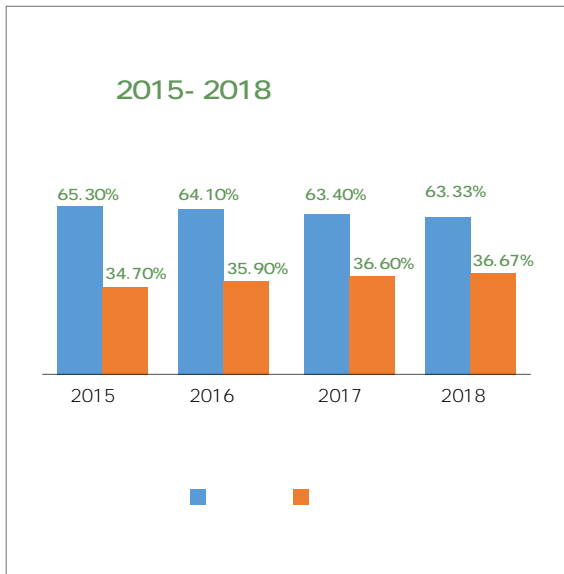




# Common development

## Care for our employees

2018		2017		2016	
2018	12	7343	17	58	15.93%
	36	36.67%	364	58	15.93%
			2018	15.93%	



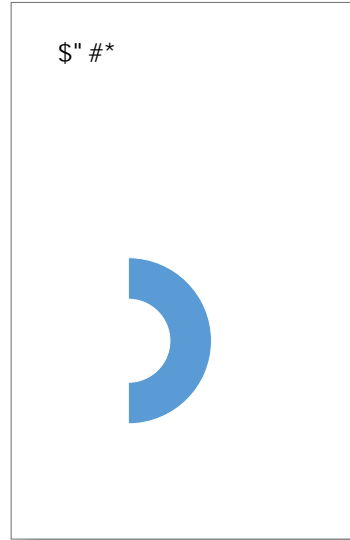
100%

169

2018

56

" 40" " 50"



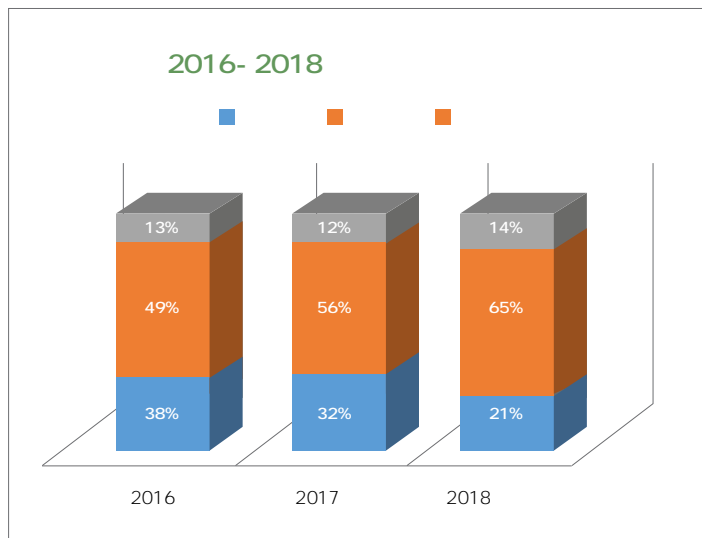
3

29

2018  
169.17

2018 , 397  
31.84 116.67% 260  
65%

2018



1 3  
34



2 KT  
5 9 18



3 5





4



4

7

118

5



39

7

6



44

9



7



45

8



8



34

24



9



95

5

2



1

3

64



2

8

335



3

5

158



3



CSTD

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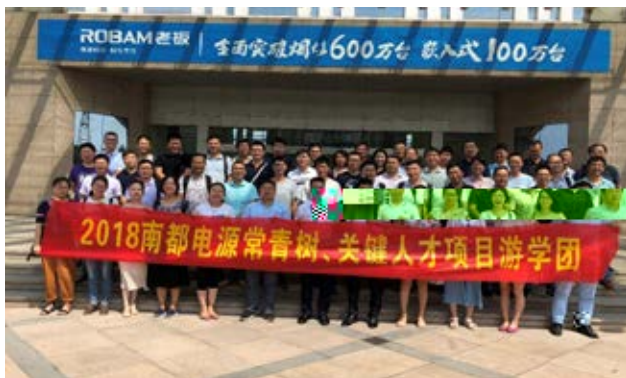
" 2018



17

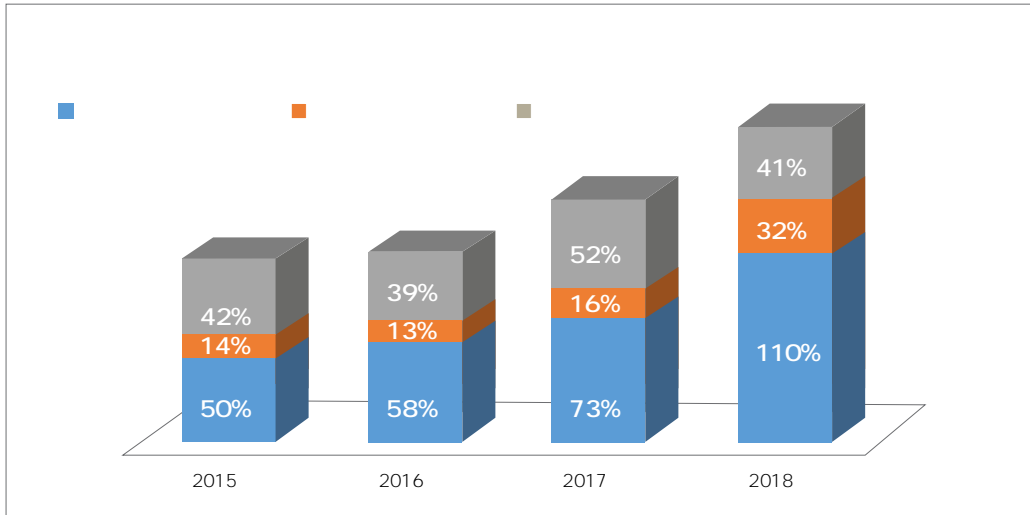


61



4



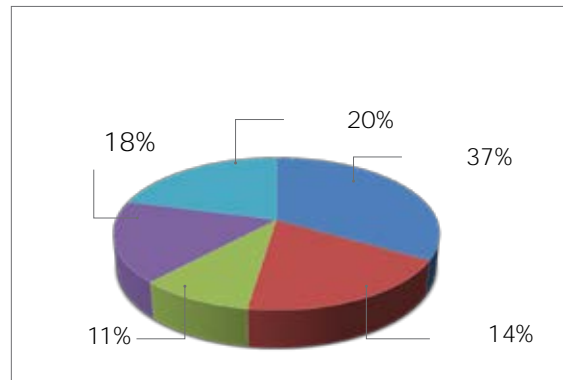
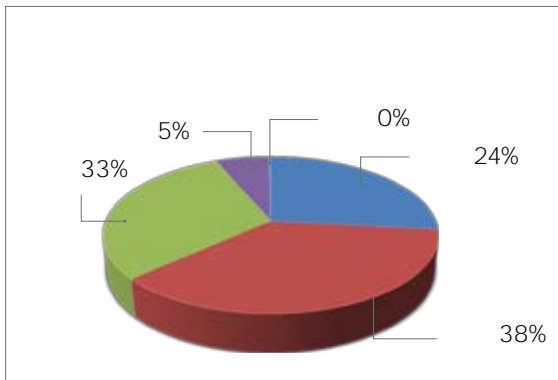


2018

20

134

64



2018

4.79

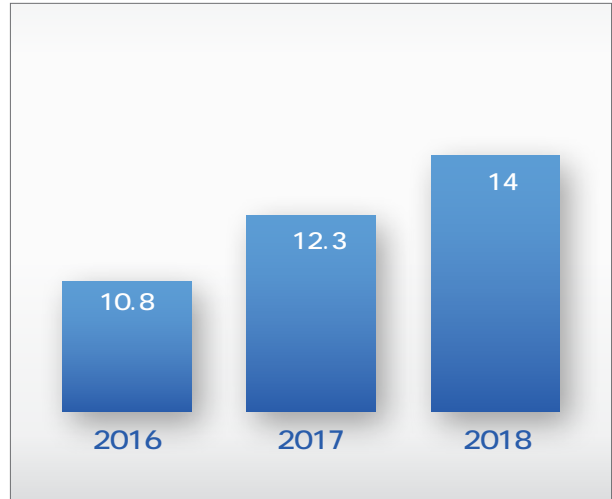
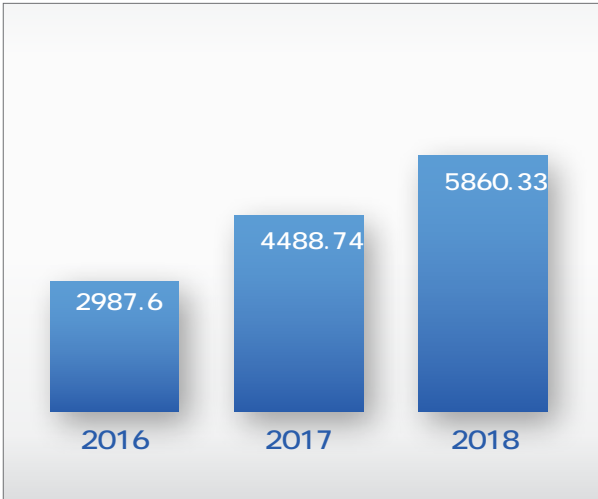
19.1%

13.6%

2018

5860.33

30.18%



/

2018

275

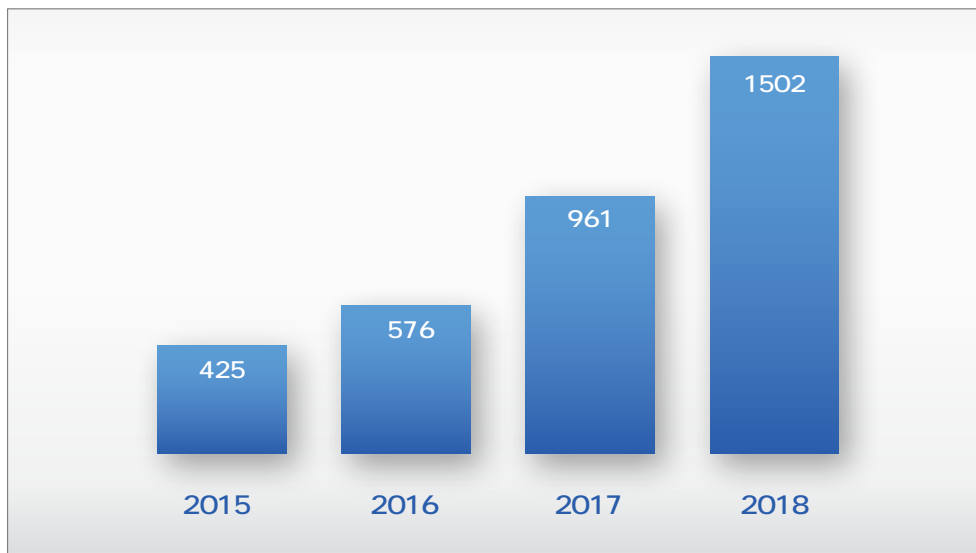
14



2018

1500

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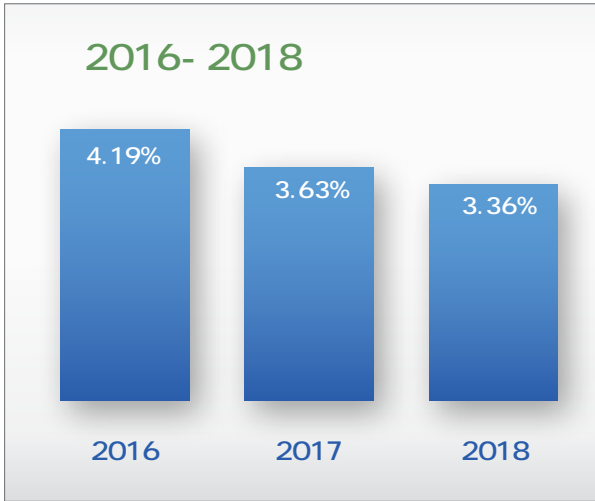


2017  
2017

2018

3.36%

5%



2018

" TOP100&

2018

TOP33

"



Health&safety frst

OHSAS18001











1-2



## Sustainable supply chain

1

2018

2

SAP ERP

IBM

3



## Public welfare undertakings





CSR	Corporate- Social- Responsibility
ISO 9001	
ISO 14001	
OHSAS 18001	
SA 8000	
ISO 14064- 1:2006	-
QC 080000	
EICC	Electronic Industry Code of Conduct
RoHS	The Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment
REACH	Registration Evaluation Authorization and Restriction of Chemicals
MSDS	Material Safety Data Sheet
IPCC	Intergovernmental Panel on Climate Change
kVAh	kilovolt- ampere- hour
	1- 35
	6 (HFCS)
	(PFCS)
	( ) (CO2)
	(CH4) (SF6)
	(N2O)



	G 4	G 3.1			G 4	G 3.1	
	G 4-28	3.1			G 4-EC 3	EC 3	
	G 4-29	3.2			G 4-EC 4	EC 4	
	G 4-30	3.3			G 4-EC 5	EC 5	
	G 4-31	3.4			G 4-EC 6	EC 6	
	G 4-32	3.13			G 4-EC 7	EC 7	
	G 4-33	3.13			G 4-EC 8	EC 8	
					G 4-EC 9	EC 9	
	G 4-EN1	EN1			G 4-LA8	LA 9	
	G 4-EN2	EN2			G 4-LA9	LA10	
	G 4-EN3	EN3/ EN4			G 4- LA10	LA11	
	G 4-EN4				G 4- LA11	LA12	
	G 4-EN5				G 4- LA12	LA13	
	G 4-EN6	EN5			G 4- LA13	LA14	
	G 4-EN7	EN6			G 4- LA14		
	G 4-EN8	EN8			G 4- LA15		
	G 4-EN9	EN9			G 4- LA16		
	G 4-EN10	EN10			G 4-HR1	HR1	
	G 4-EN11	EN11			G 4-HR2	HR3	
	G 4-EN12	EN12			G 4-HR3	HR4	
	G 4-EN13	EN13			G 4-HR4	HR5	
	G 4-EN14	EN15			G 4-HR5	HR6	
	G 4-EN15	EN16			G 4-HR6	HR7	
	G 4-EN16	EN16			G 4-HR7	HR8	





2018

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ndgf@ narada.biz

0571- 56975900

2019 4



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