

QUECTEL



ESG

ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT

2025



01



- 04
- 06
- 07
- 08 2025
- 08 ESG

02

ESG



- 11
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03



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04



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ESG



ESG

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198.3

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1,438.83

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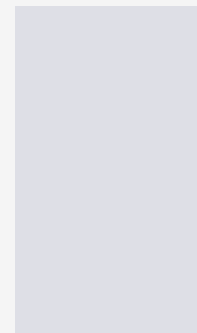
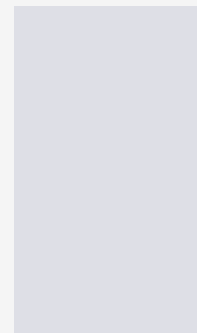
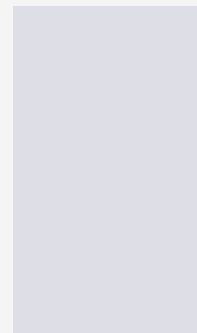
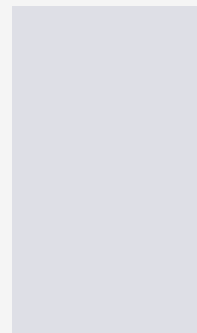
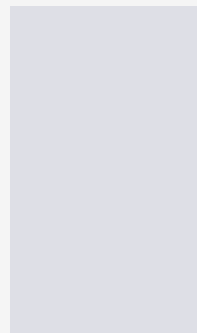
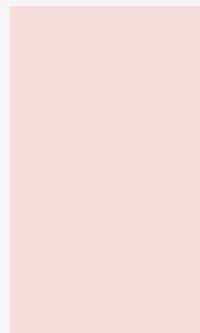


2010

IoT
(5G/4G/3G/2G/LPWA)
5G/4G/
(Wi-Fi&BT) GNSS

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- 5G
- 4G
- LPWA
- 3G/2G

- 5G/ 4G/ V2X
- GNSS (Wi-Fi/Bluetooth /UWB/)

- 5G
- 4G
- SBC
- AI Box

- Wi-Fi
- Bluetooth
- Zigbee/Thread
- LoRa/ Wi-SUN/ WM-Bus/ other Sub-GHz
- Wi-Fi HaLow
- Amazon Sidewalk
- Matter
- UWB



GNSS

- DR
- RTK
- IMU

- AI+
- XR

- ODM/JDM EMS
- RTK



- OBD
- DVR
- UBI

- POS
- ATM



- LED

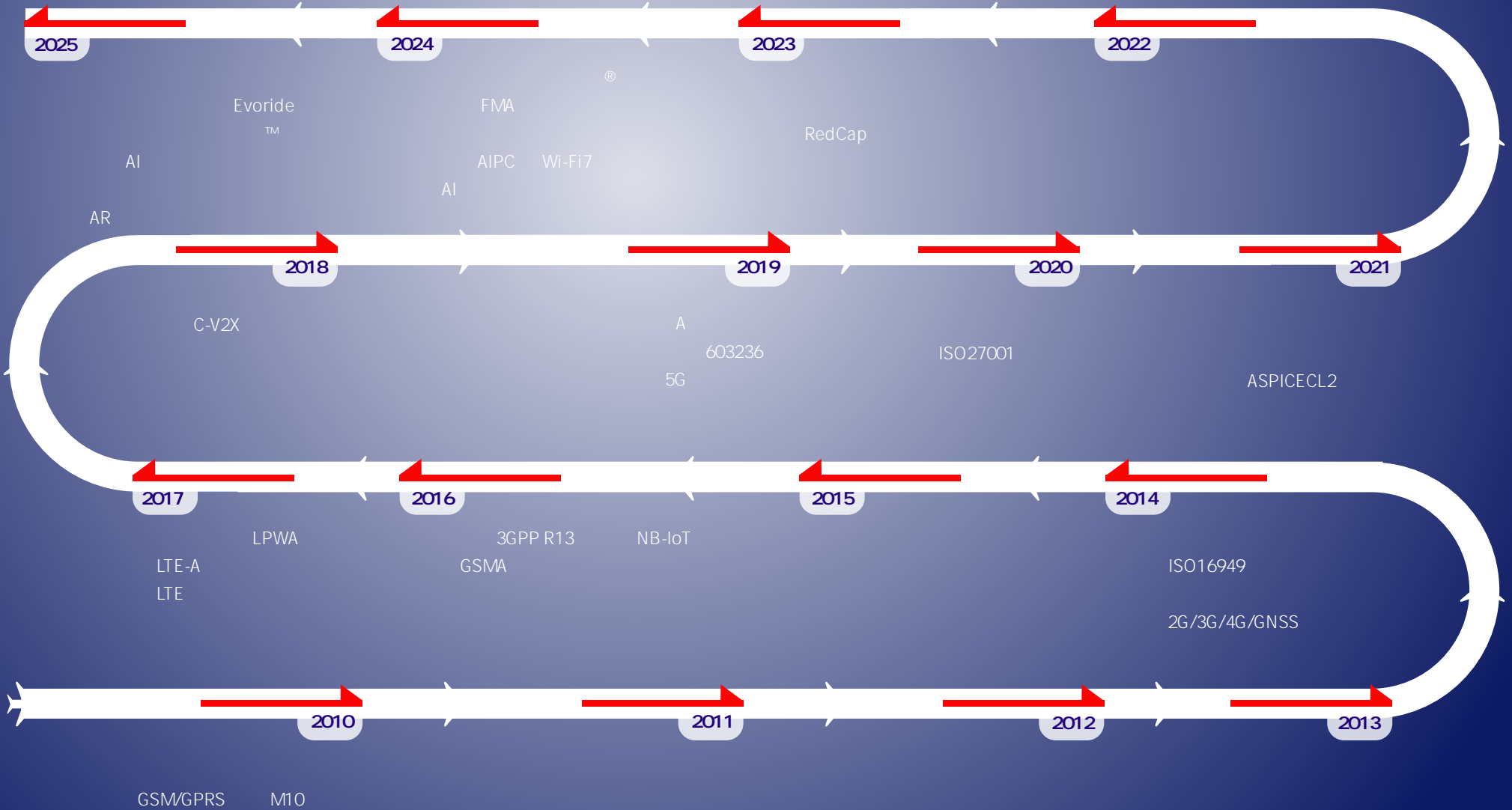
- DTU
- VOIP
- Wi-Fi



- PDA/
- /



- PC



2025



2025
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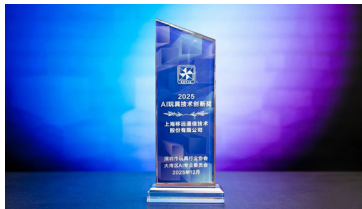
" 2025 — "



2025
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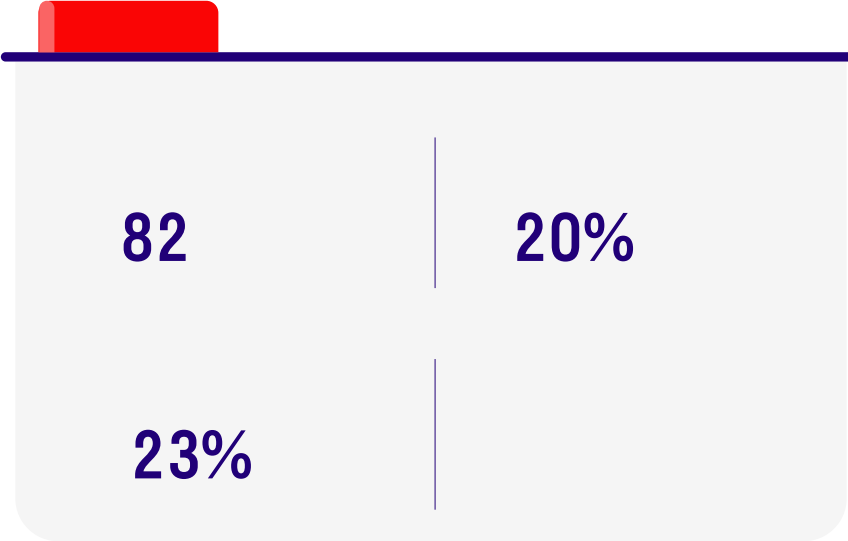
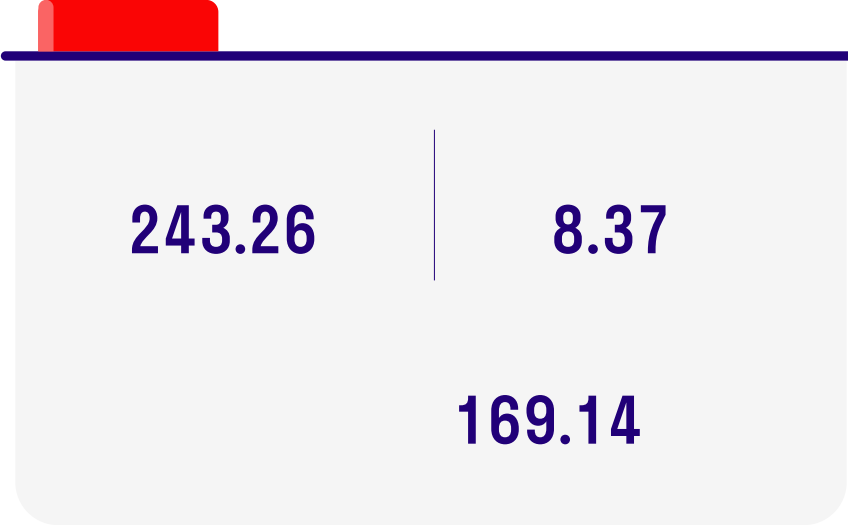


+ " " "



2025 AI
" AI "

ESG





405	38.39	100%	100%	101
21,356		19.51	8.02%	68.13%
778	<small>CSR</small> 100%	198.3	1,583	



161.03	ISO14001	271.7	0.016 <small>tCO2e/</small>
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02

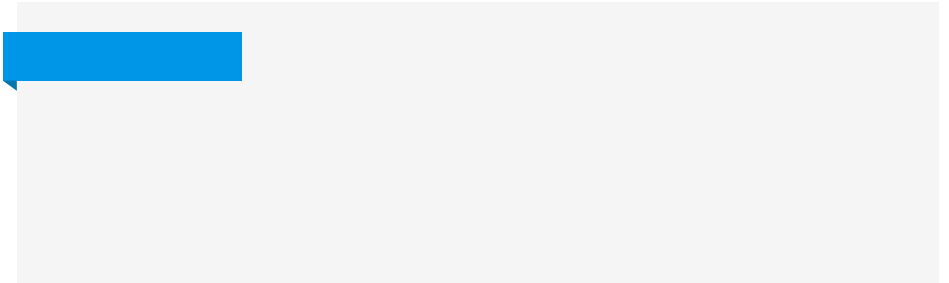
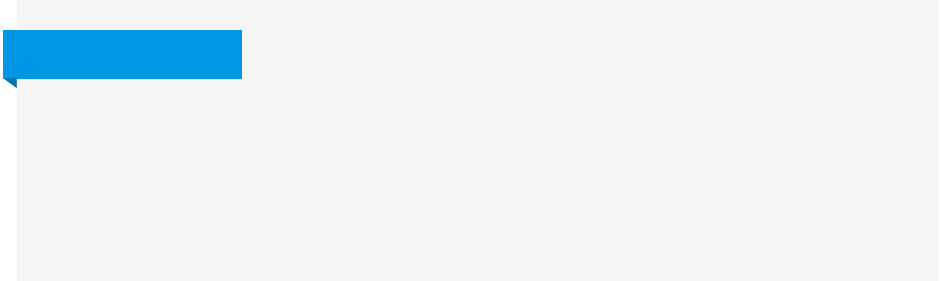
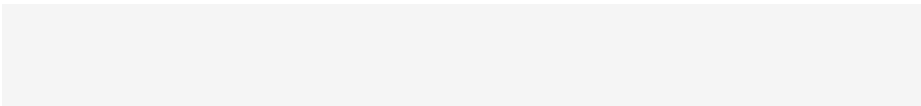
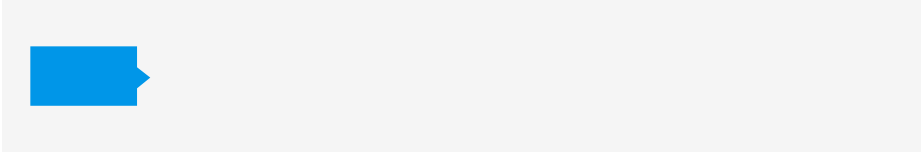
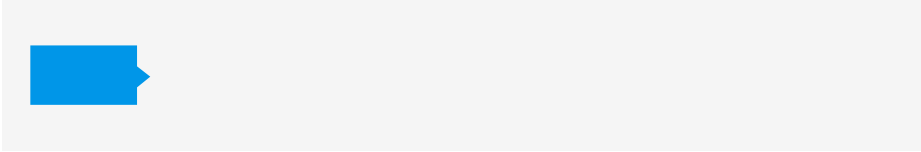
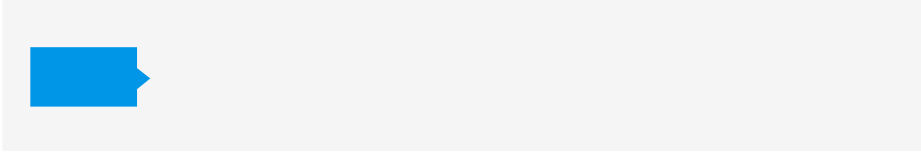


ESG

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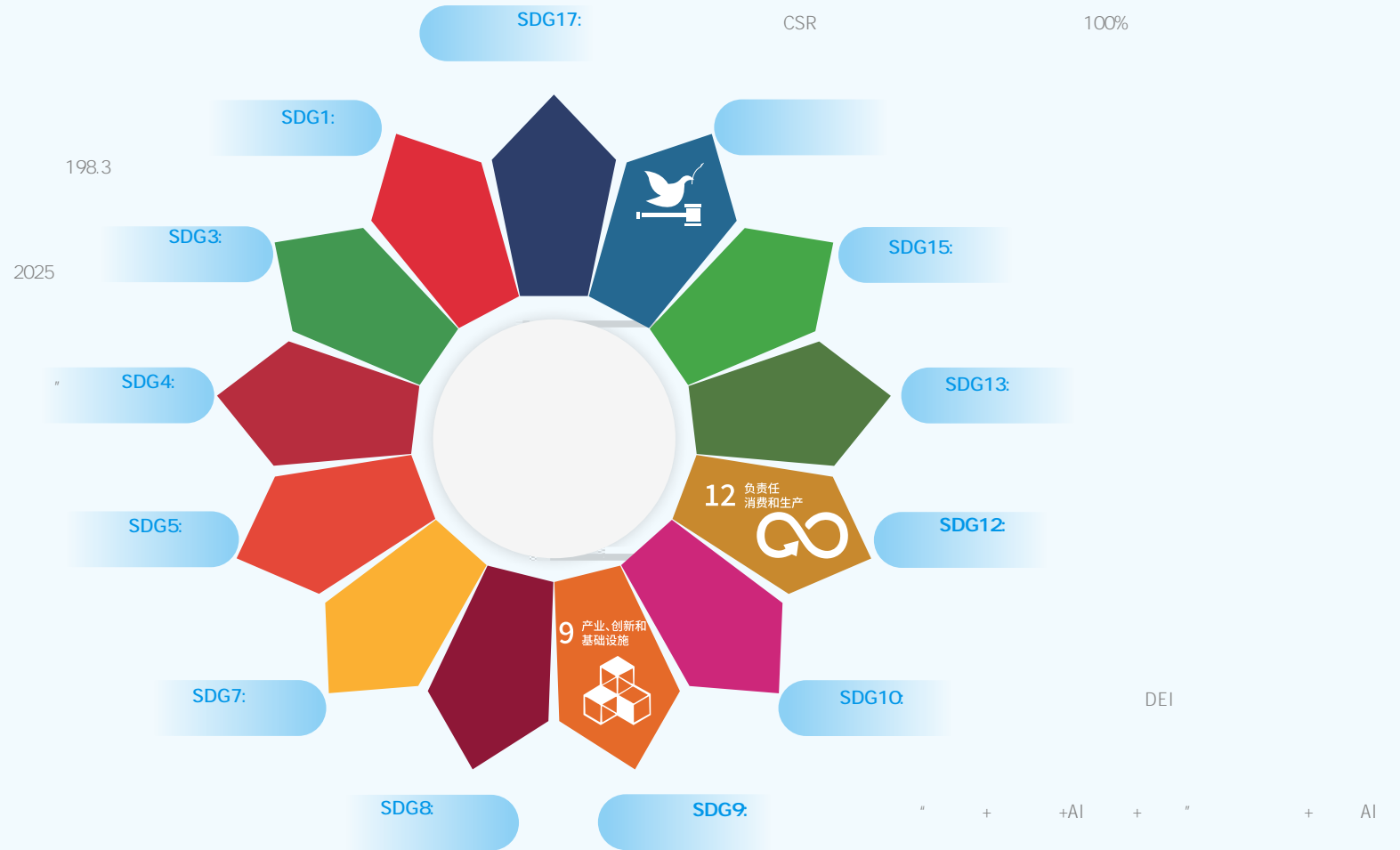
ESG





2030

UNSDGs2030





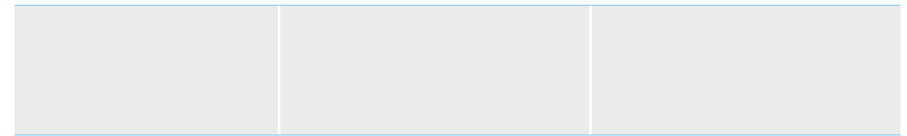
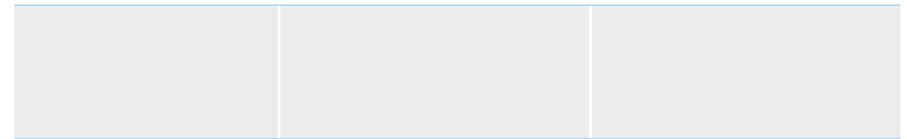
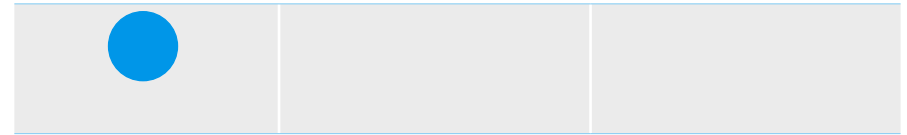
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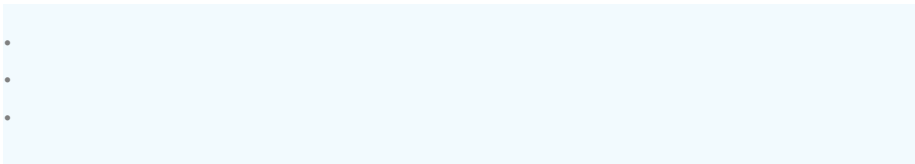
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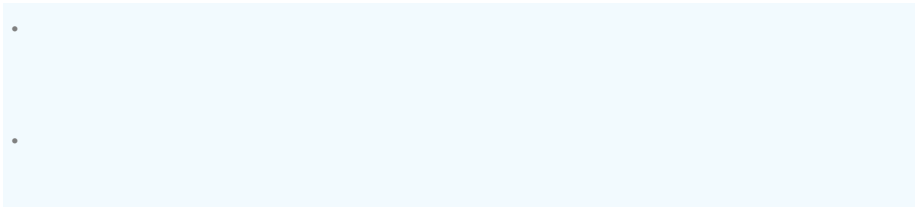
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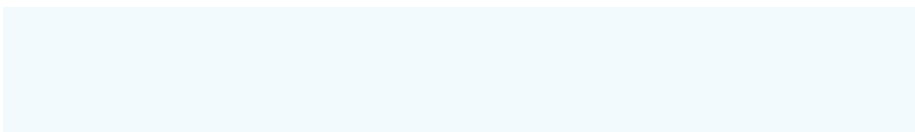
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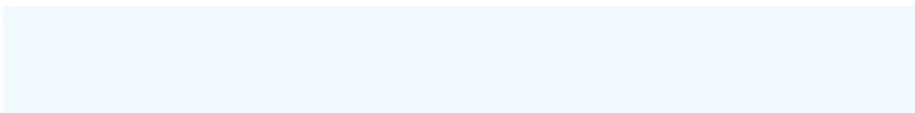
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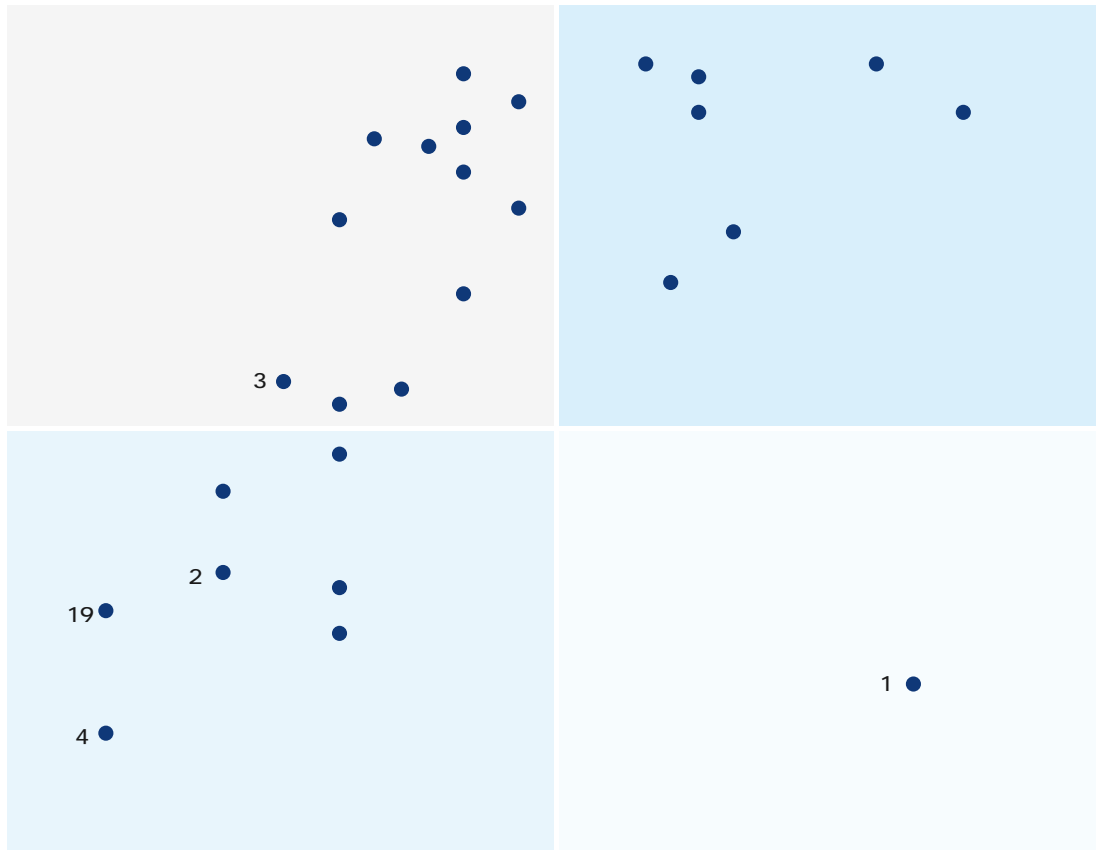
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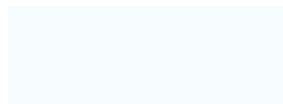
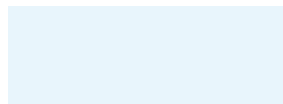
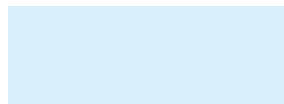
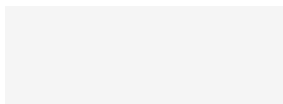
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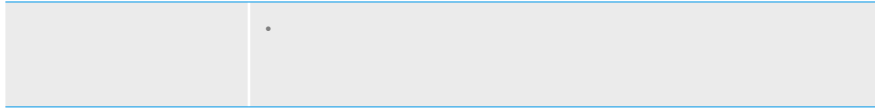


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FAE



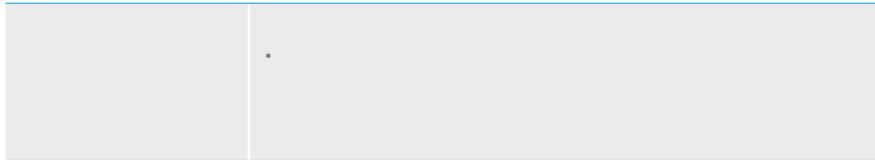
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ODM



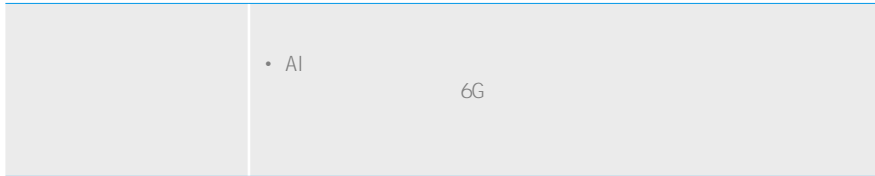
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ISO27001

ISO27701



• AI

6G

• AI 5G

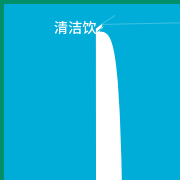
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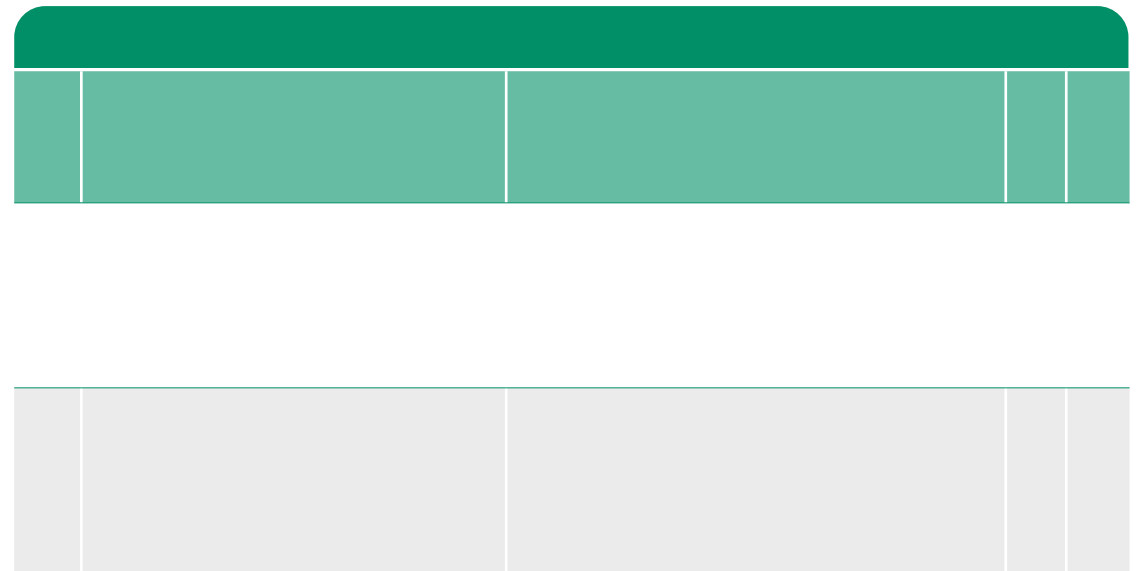
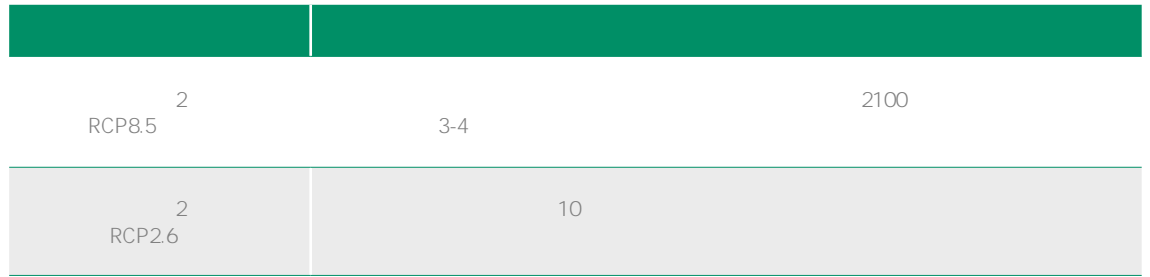


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ESG





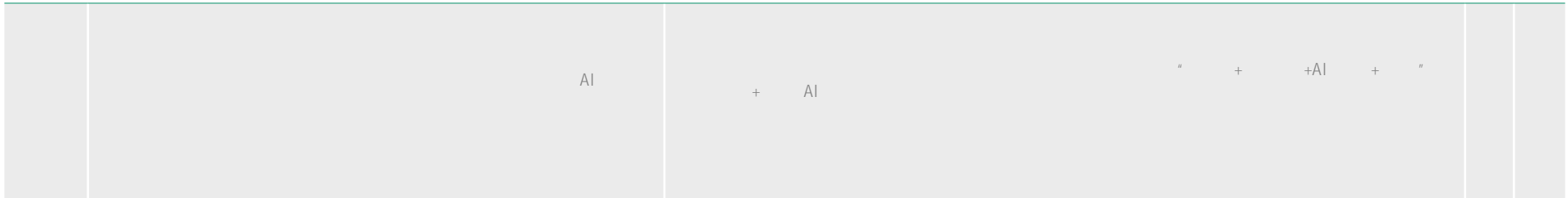
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CBAM

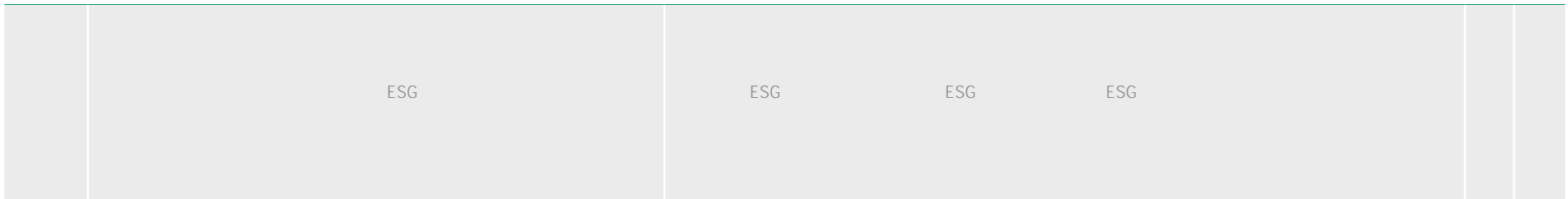
ESG

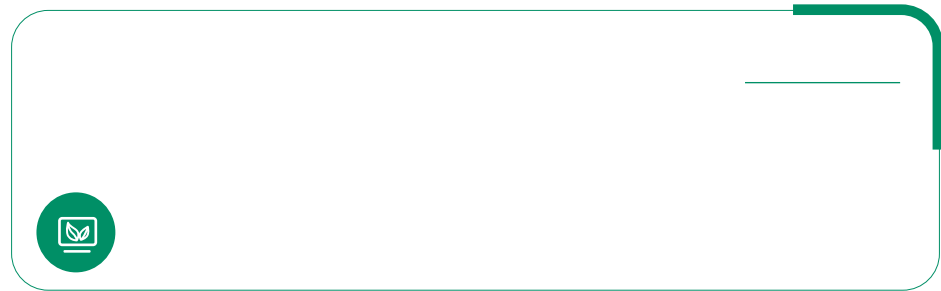
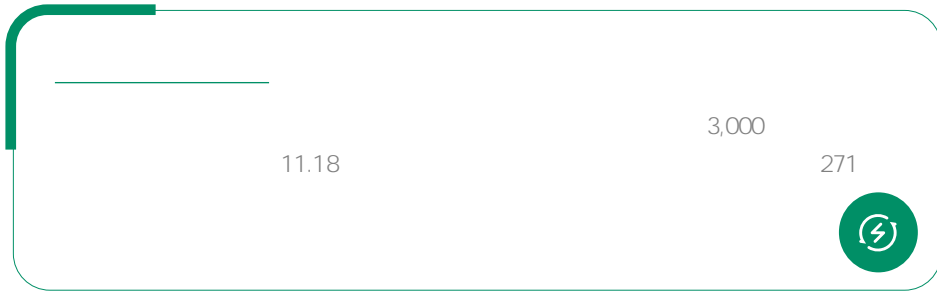
ESG

ESG



AI







		2025
		61.46
		38,331.42
		38,392.88
	/	0.016
		1,438.83

2025 12

2023

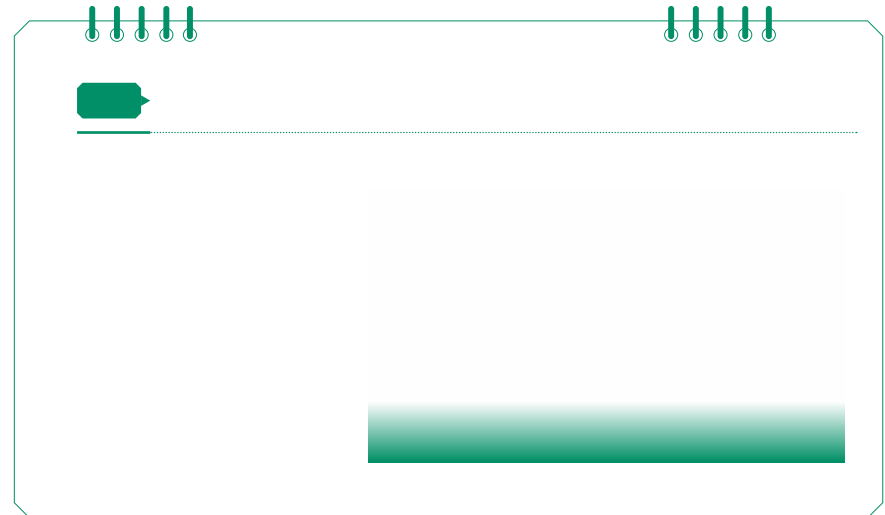
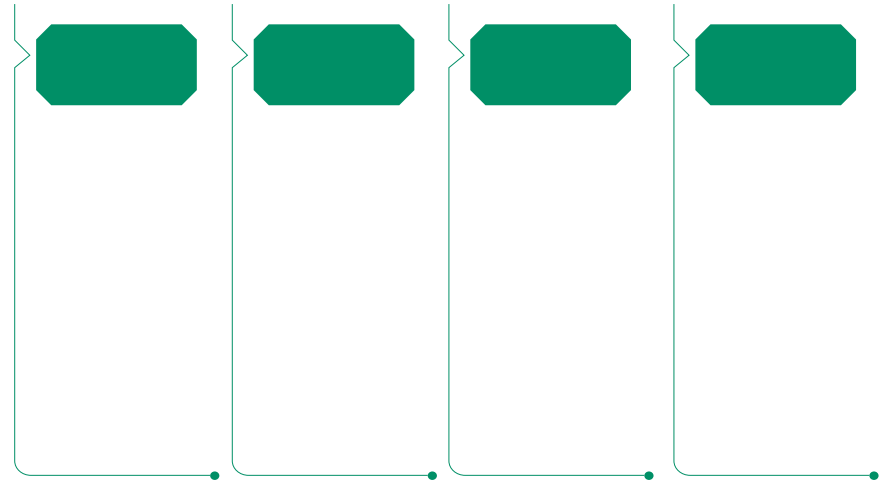
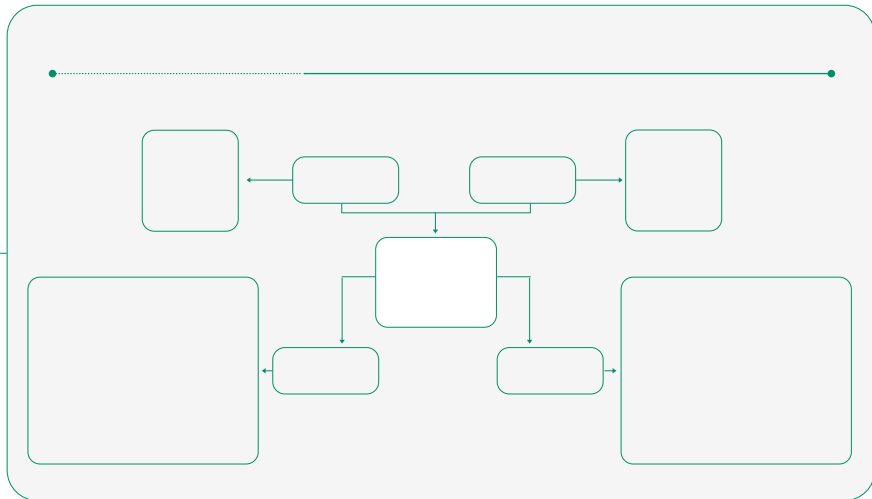
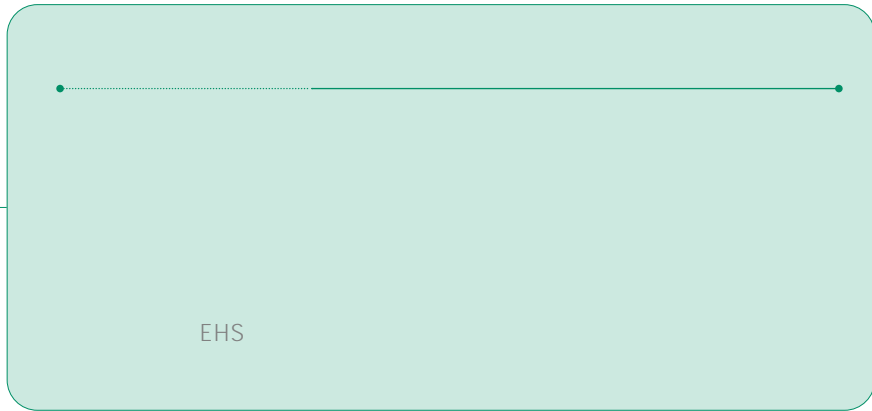
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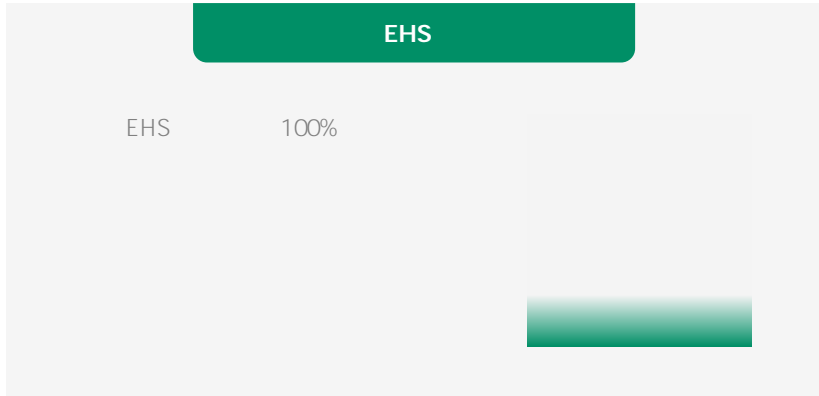
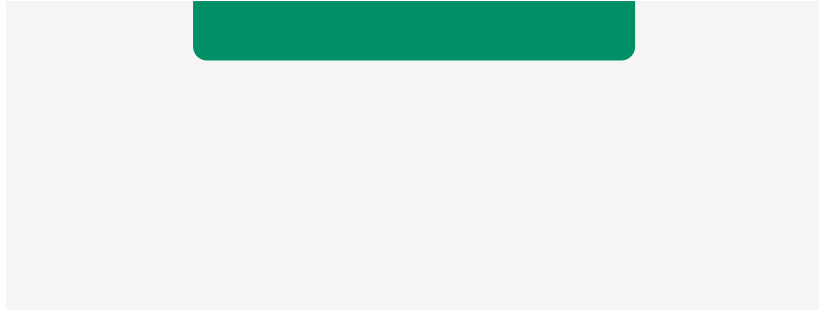
ISO14001



ISO14001

100%



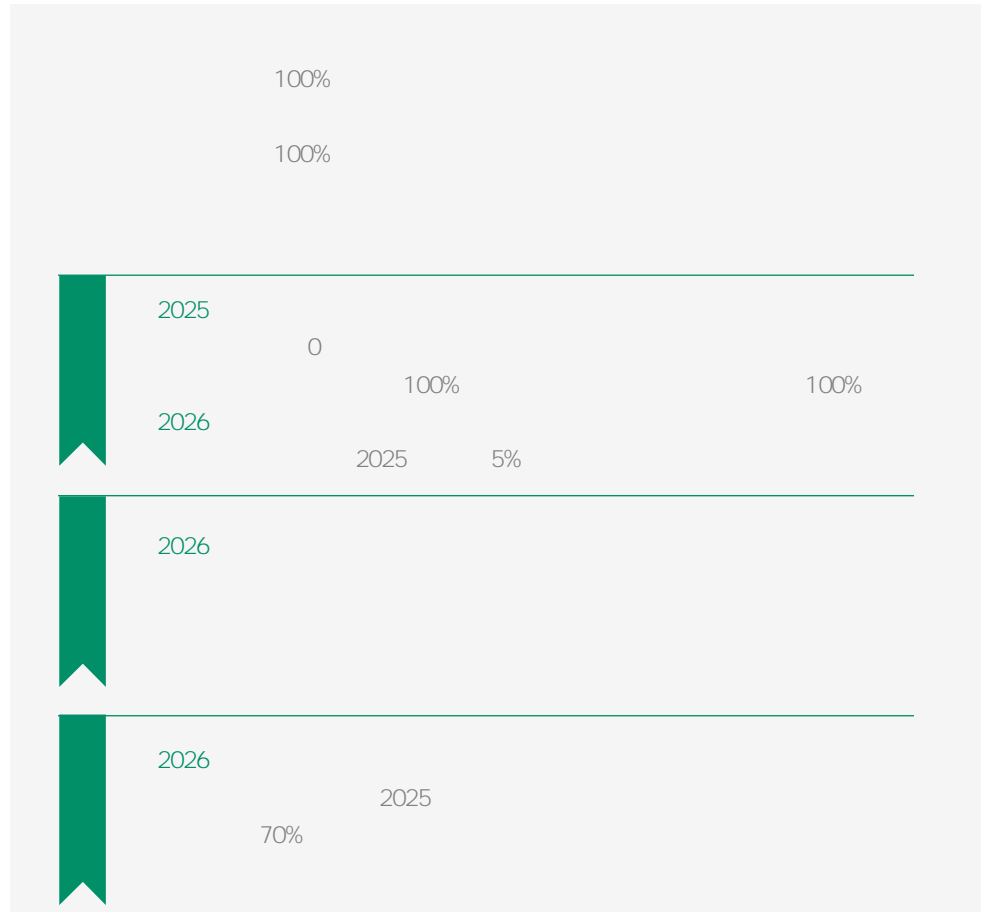


2025

117.5

8,726

2025





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		2025
PM		0.35
		0.329
		181,422.35
COD		3.6
BOD		3.6
		1.56
		1.1
		0.04
	/	0.075





Green header bar

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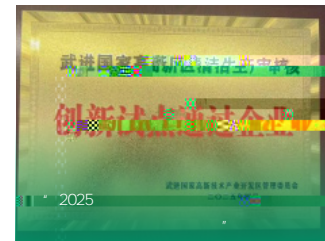
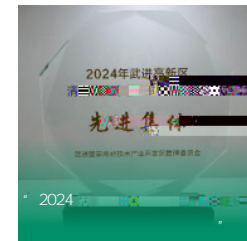
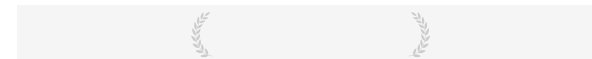
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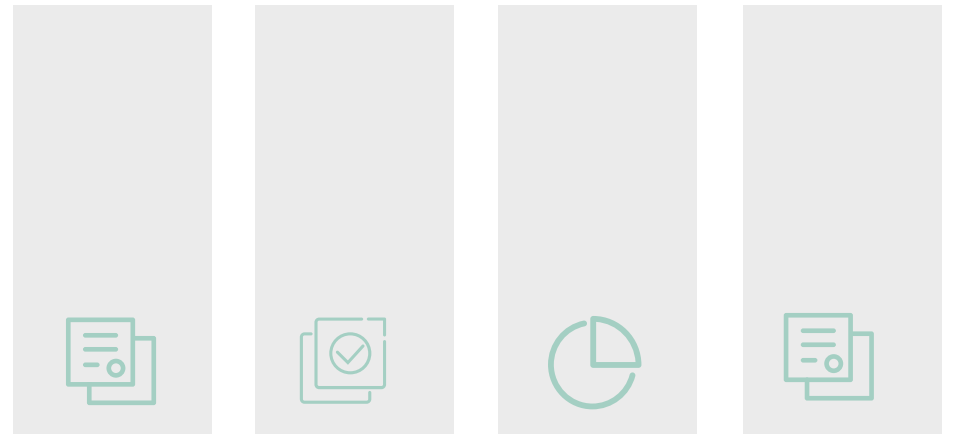
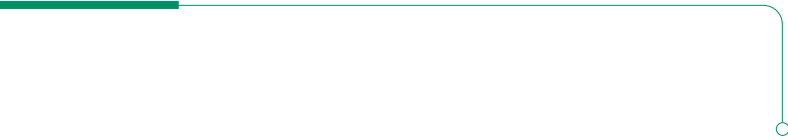
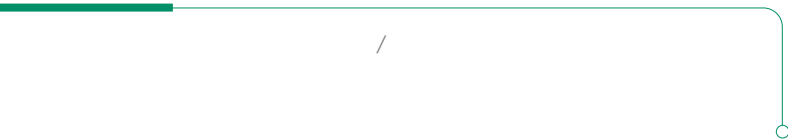
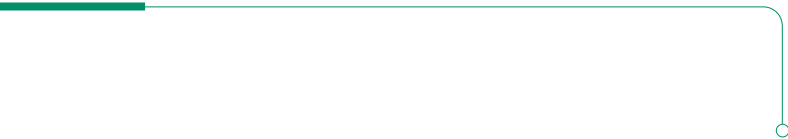
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- 100%

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Green header bar

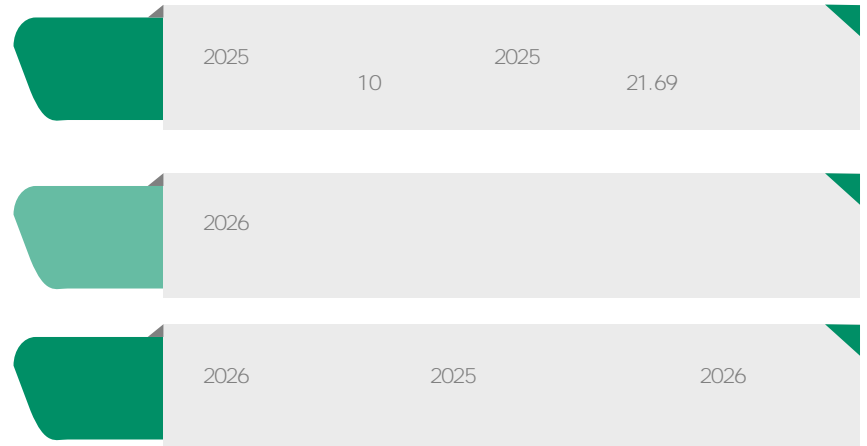
		2025
		1,904.79
		75.19
		1,829.60





┌	2025	368.86	└
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	•	
	•	1,250kW
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	•	
	•	5,300kW
	•	
	•	
	•	



		2025
		7,185.33
		1,873.54
		16.84
		3.46
		8,925.40
	/	0.004
		271.17
	%	5.3



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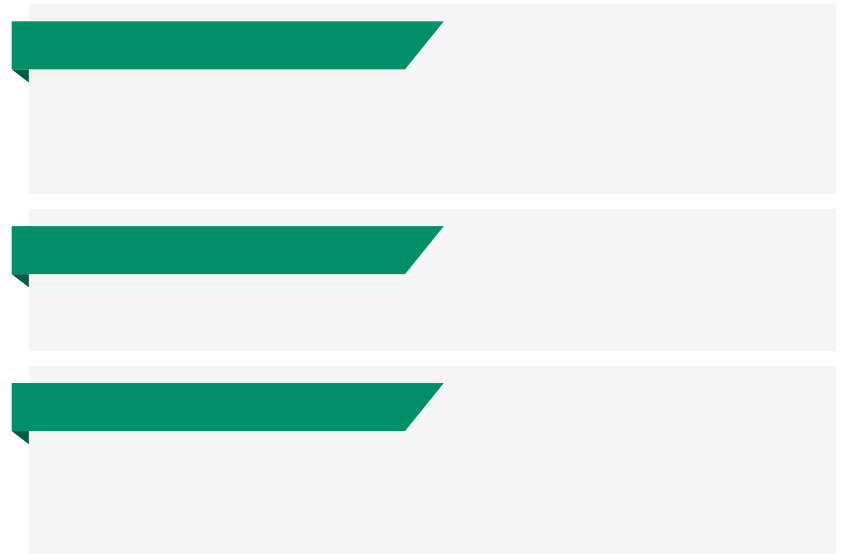


2026

2025



		2025
		273,156.69
	/	0.112
		700



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FUN

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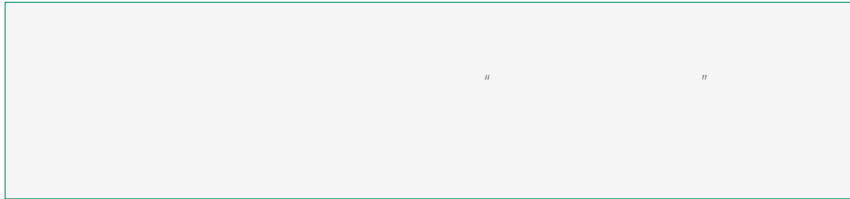
+10%

3R





2025



3mA/12V
5G

2025

HCM511S MCU

HCM511S	LCC
16.6 mm × 11.2 mm × 2.1 mm	0.57
5.4	+6
dBm	

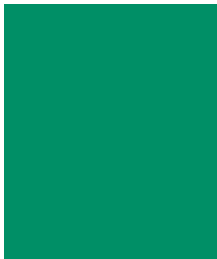


KCM0A5S Wi-SUN

KCM0A5S	28.0mm x 22.0mm x 3.15 mm	LCC
+85		-40
	IEEE 802.15.xg/e	
	Wi-SUN FAN 1.1	
Mbps		2.4

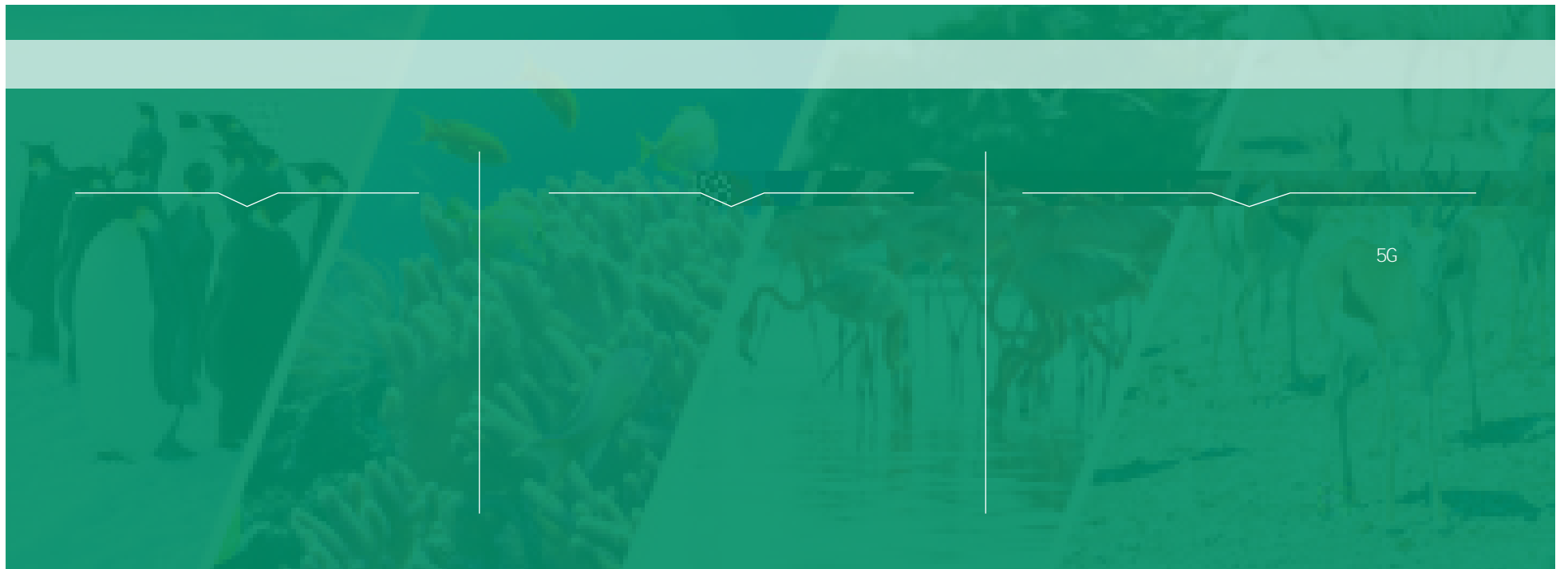


移远通信正式发布
Wi-SUN 模组 KCM0A5S
高性能 | 低功耗 | 远距离传输 | 部署灵活





	RTK		GNSS		RTK	
85%	AI			+		1.5
	SLAM	3D	VOC			
			5% -30%	1	10	CO2



04

3 良好
健康与福祉



4 优质教育



5 性别平等



8 体面工作和
经济增长



产业、创新和
基础设施





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APQP

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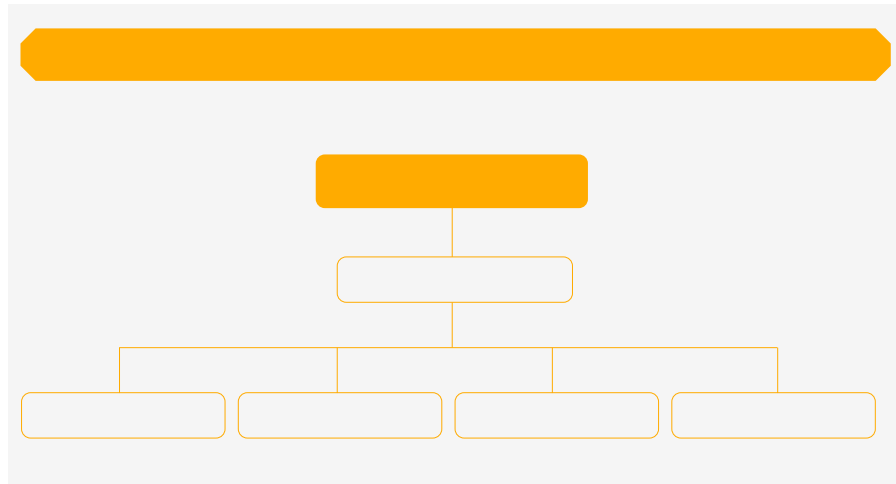
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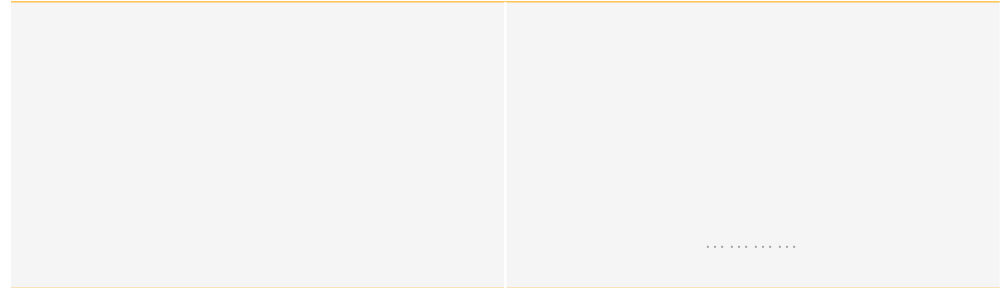
ISO9001 IATF16949



99

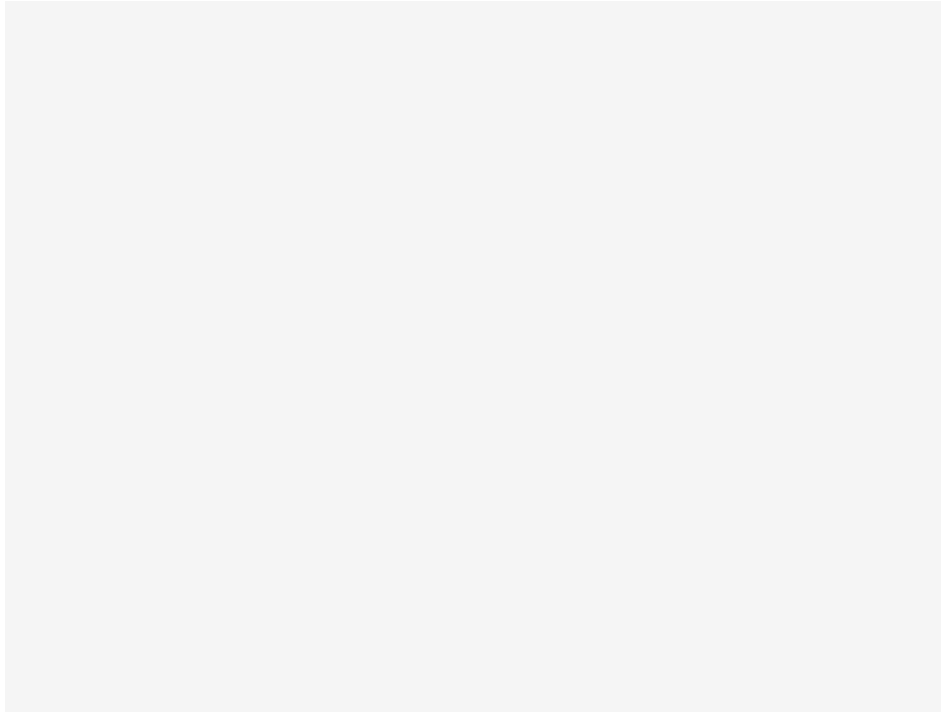
920

560



ISO9001



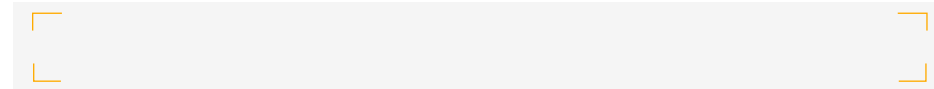
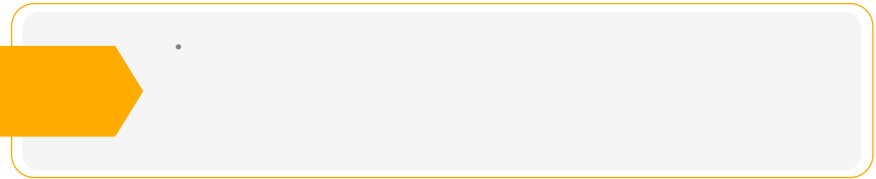
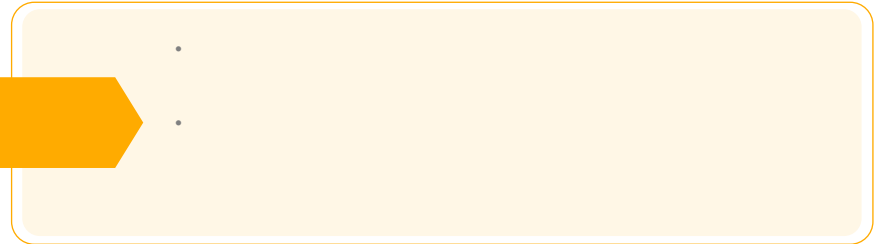
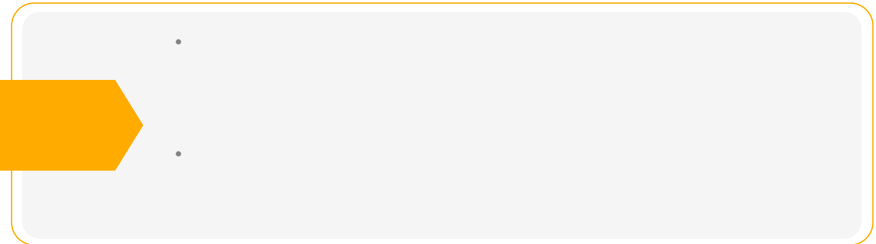


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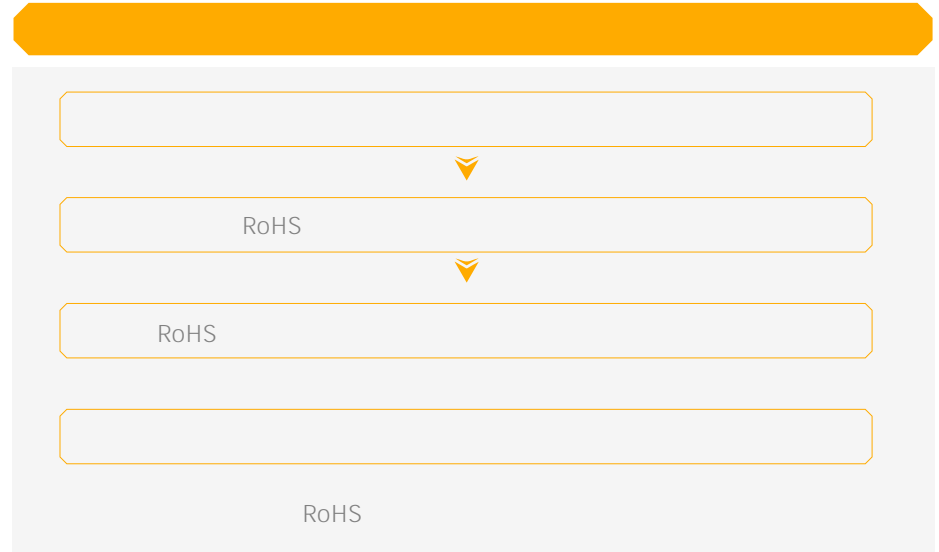
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- PCBA

- SPC
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RoHS

REACH
PBB





PR

VIS

为全球海量终端客户提供入网能力，保障千行万业有网可联

业务覆盖 150+ 国家和地区

坚持国际化战略



2025
+
45
24

+
2025
360
Python Smart 4G/5G
Open GNSS

2025

21.9 + 60

FA

Return

Material Authorization Instructions

7x 24

" "

Chatbot



Agenda

- Conferencia 2025
- Top3

-

- 2025
- 38
- FAE
- + "



>> ESG



14

JSD

e-service



2025

		2025
		99.82%

0%

		2025	1,300
		CE	CCC,NAL,SRRC
		JATE,TELEC	FCC
			KC
			IC
			ANATEL
		1000	260
			8,700+

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90% 91.8% (FAE) 99.5% 98.26%

	90%	92%
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100% 100%



2025

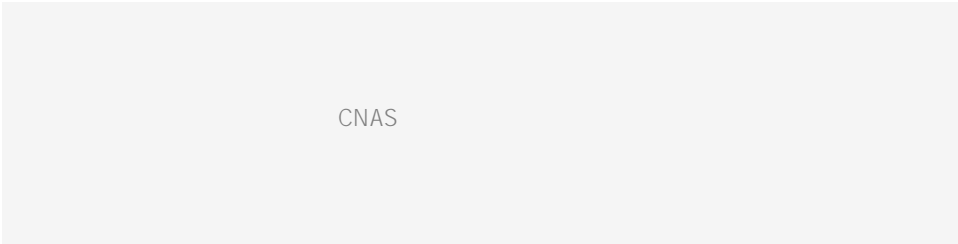
15

600

" "



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CNAS

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2025

AI

5G

AI

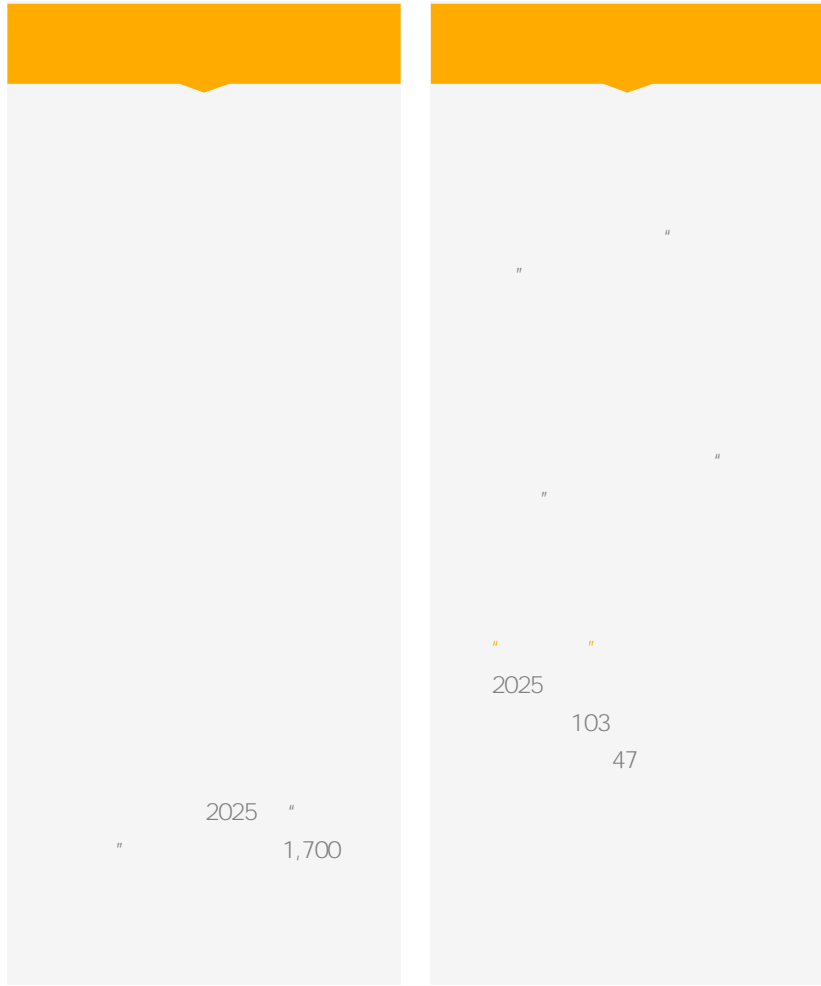
"

+

"



" + "



-

2025

"

"

109

5

30+

1

2

+

"

"



12

560

2025

95.81

2025

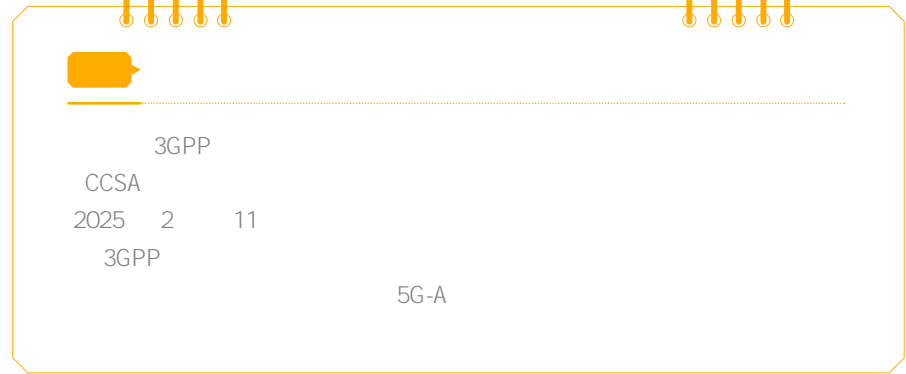
GB/T 29490

"

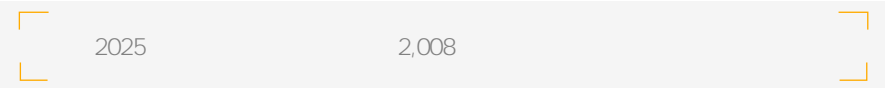
"

"

"

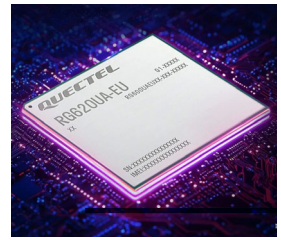


5G AI / AI



FWA" 5G+AI"

SA	RG620UA-EU 5G CPE	" 5G+AI" R16	AI	V20	4.67Gbps	1.25Gbps
----	-------------------	--------------	----	-----	----------	----------



- [Redacted]
- [Redacted]
- [Redacted] 2025 64.8
- [Redacted]



LTE

" "

LTE

D2C



GNSS LG290P

GNSS

RTK

LG290PGNSS

± 1cm



15% -20%

Robrain AI

V2.0

Robrain AI

V2.0

AI

AI

QSM882GP

AI



2025

45.84%

197

	2024	2025
()	4,184	6,102
(%)	71%	68.13%
(,CNY)	16.69	19.51
(%)	8.97%	8.02%
	219,500	200,161
%	91.5%	93%

	2024	2025
	568	778
	199	308
	440	659
	303	327
	363	327
	7	6
	51	81
	88	110



" "



- SMT
PCB
- 100%

- AGV
AGV
- WMS MES " "
- WMS
- 90%
BPM

- SAB WMS
QMS MES
- EMS
MES

- 2025
-
-



2025

"

+

+AI

+

"

+

AI



® AI

AI

SOP

AI AI

PIN

DynaBlue

LXC

QuecOpen

TCU

5GR18

" ®

FMA

FBS

FSC200

FPS100

GNSS

LG680P

VA500-GLAI

AI

FGM842D

Wi-Fi4&BLE5.2

RD6000CC

AI

TM

2025

VAS ValueAddedService

AgenticloT AI

AI

TM

AI

•

Robrain

ATEX

•

Wi-Fi

WEB/APP

RS-485

OTA



V2X

2025

V2X

10% -20%

15%



AI

- " 4G AI " " +AI " " " " " "
- " 4G EC800M-CN " " " " " "
- " AI " " " " " "
- " " " " " "



5G-A AI 2025

AI

AI

5G



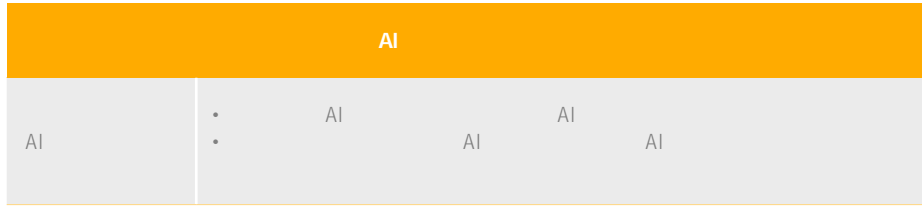
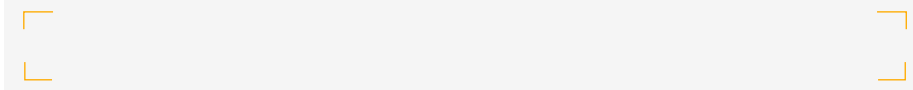
AI

AI

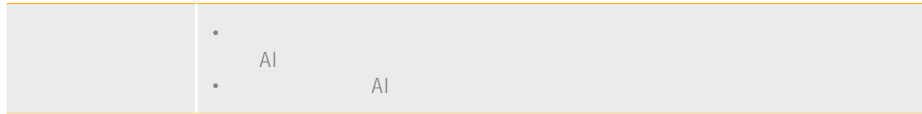
2025

AI

AI



- AI



-

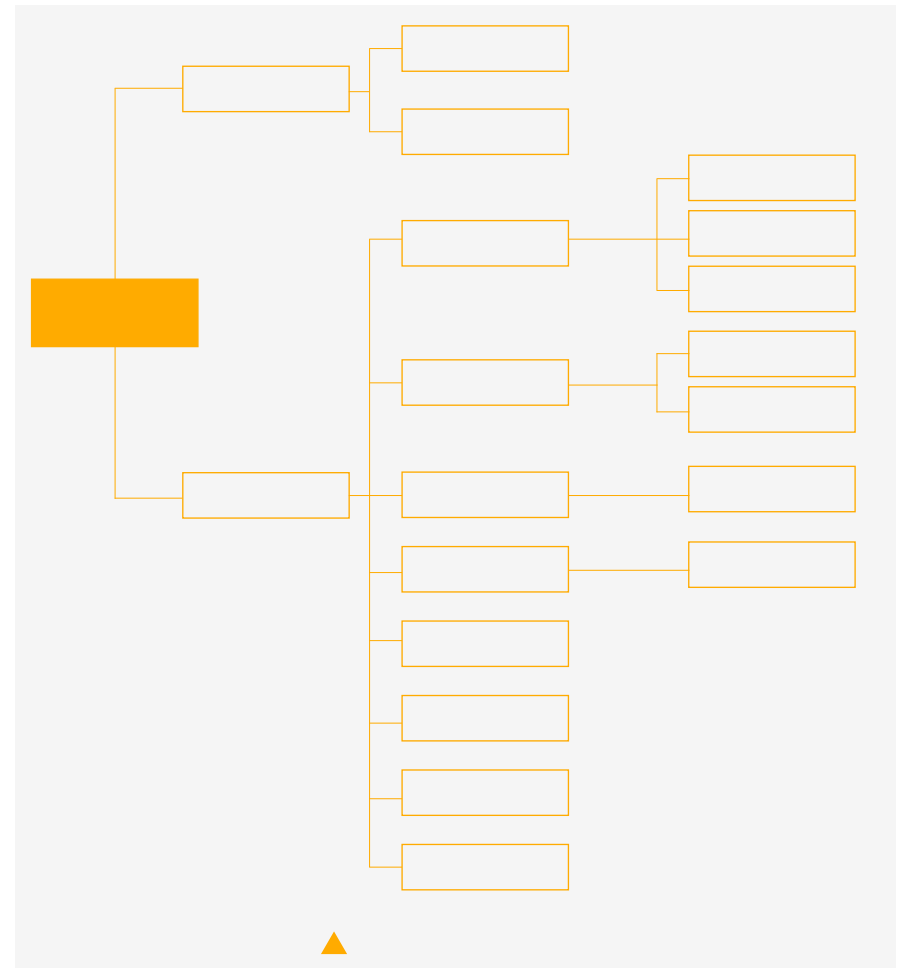


ISO/IEC27001

ISO27701

ISO21434

TISAX2





ISO21434

GB/T32960

	• BIA	5
	• IT	
	• FTP SharePoint OneDrive	
	• PI	
2025	• 13	2,400
100%	• 5	4,768
100%		561

2025

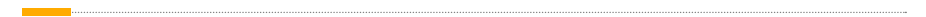


DIPA

DIPA



HSM



TLS

WPA

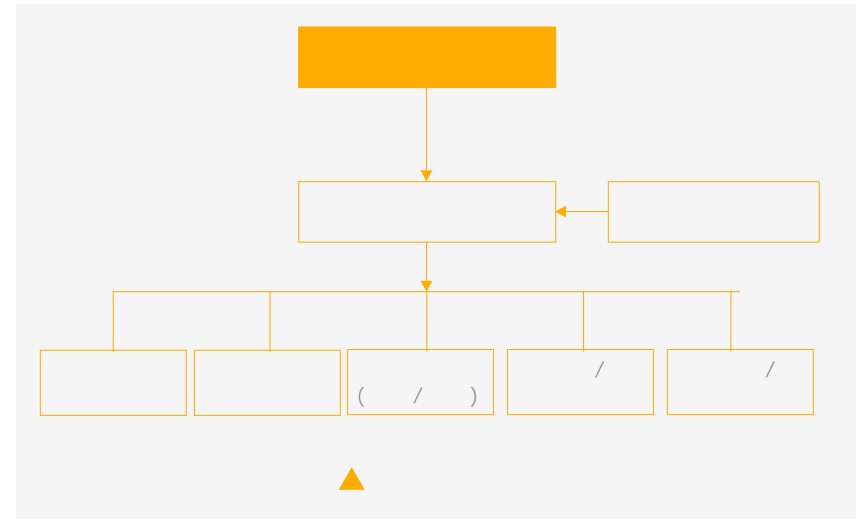
TARA

HSM

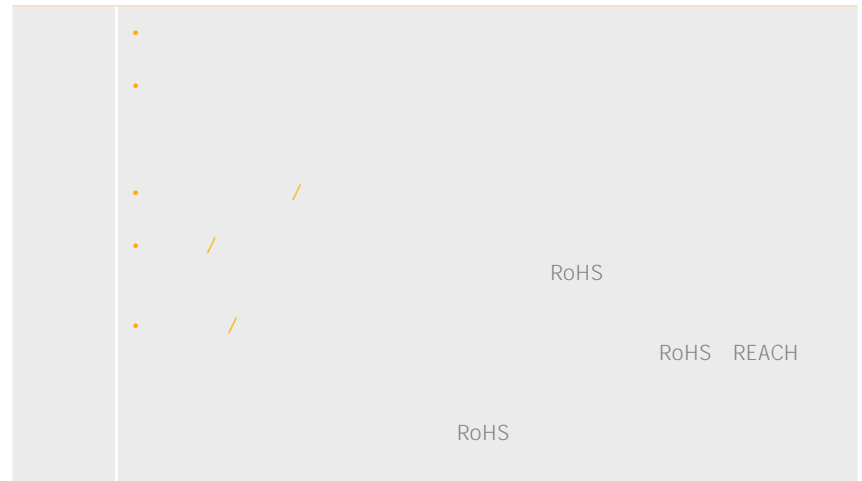




		2025				
		0	0	0	0	0
		0	0	0	0	0
(30)		0	0	0	0	0
		100%	95%	95%	92%	98%
(100%	0	0	1	4



•





ESG

ESG

ESG

"

" "

"

80%

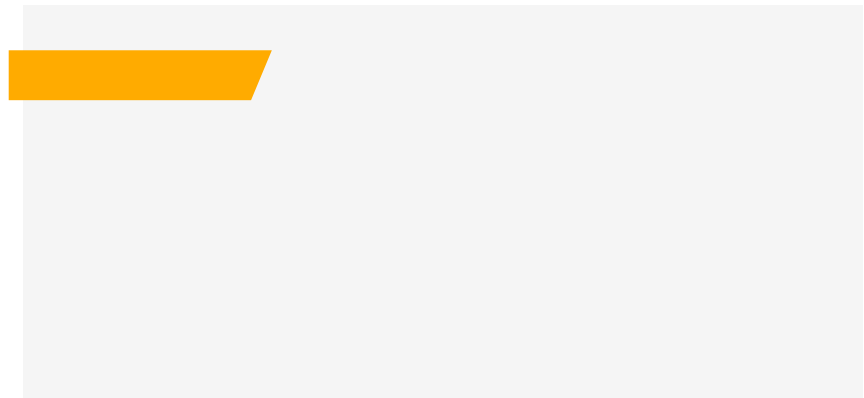
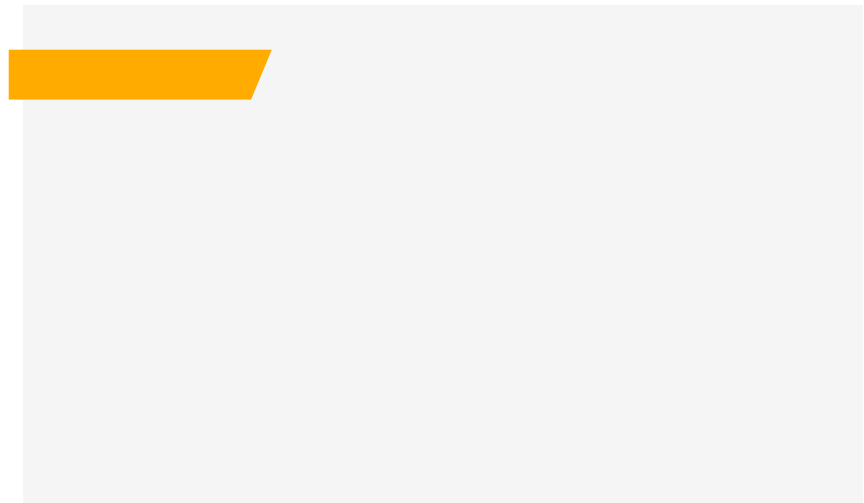
10%

CSR

ESG

1







AEO

- AEO



AEO



2025	
	544
	35
CSR	100%
	100%
ISO14001	234
ISO45001	109
/	98.71%



ESG



RoHS REACH

2025

REACH



AIoT

AI 5G

" - "



2025

MWC

MWC

2025

3Tx

L4S

RG620T

RG660MK

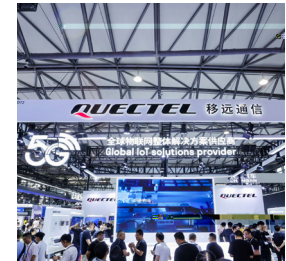
5G

5G AI

Robrain AI

"

"



WAIC 2025

2025 7

WAIC 2025

WAIC

"

AI

+

"



3GPP

CCSA

GSMA



ESG



"

"

2025

2025

35

587

3,708

770

12.31%

12.31%

7.6%



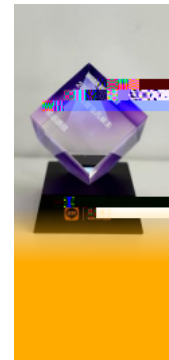
18

Moka

2025

100%

100%



AI



Moka
2025



2025



" "

2025 8

" " " " APP



2025 12

" "



/ /





2025

2025 7

2025



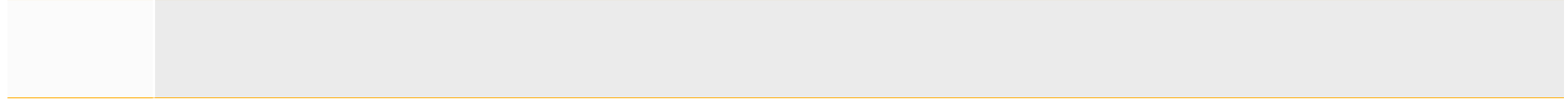
2025

939.51	87%	187.39
	8.09	31.95%

<ul style="list-style-type: none"> • EIP • CEO 		<ul style="list-style-type: none"> • 0-14
<p>CEO</p>		



ESG



• / /

• " " " "

• " " " "

7 ()

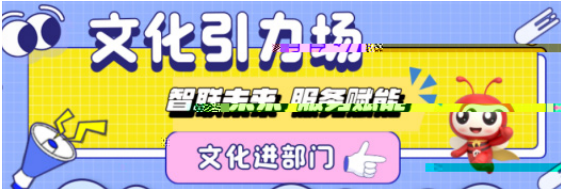


2025 118

" "

2025 3 " "

2025 8 " "





IT

2025		5,098	
•	98%	• IT	94%
•	95.94%	•	93.51%
•	94.6%	•	93.4%



" "

" "

ESG

"	"



2025	1,700

2025	1,621



>> ESG



" "

" " " " " " " "



" " " " " "

" " " " " " " " " " " "

M1



/

M1-M13

T1-T11





>> ESG








10

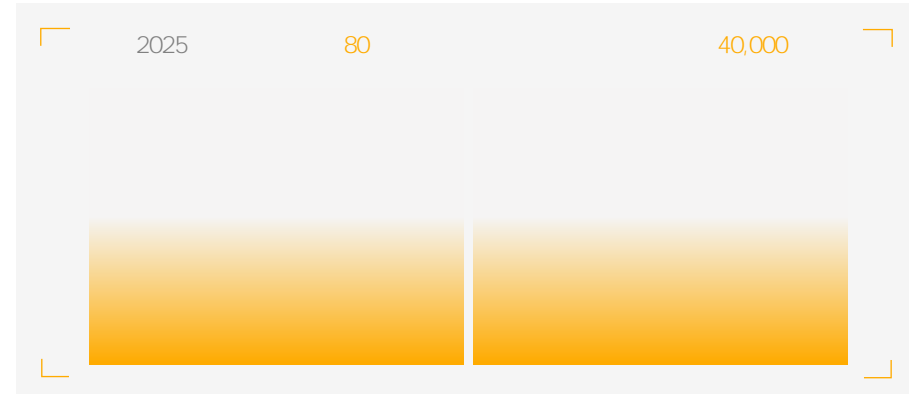
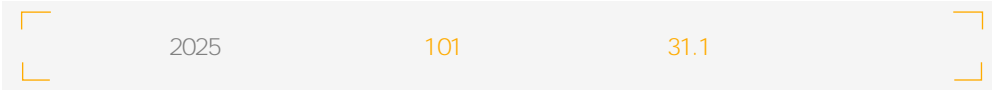
42

4,266

98.9%

			
er"	" 520 —		
		12 4,290+	66 
			
"	"	1,700 99.3%	

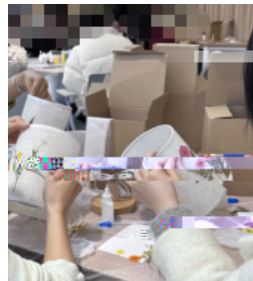
		4-9 711	32 50	
	ESG FUN"		ESG	
			4,200 2,000	
		2025	103 3,699 3,295	
		234.91		



2025

2025

DIY



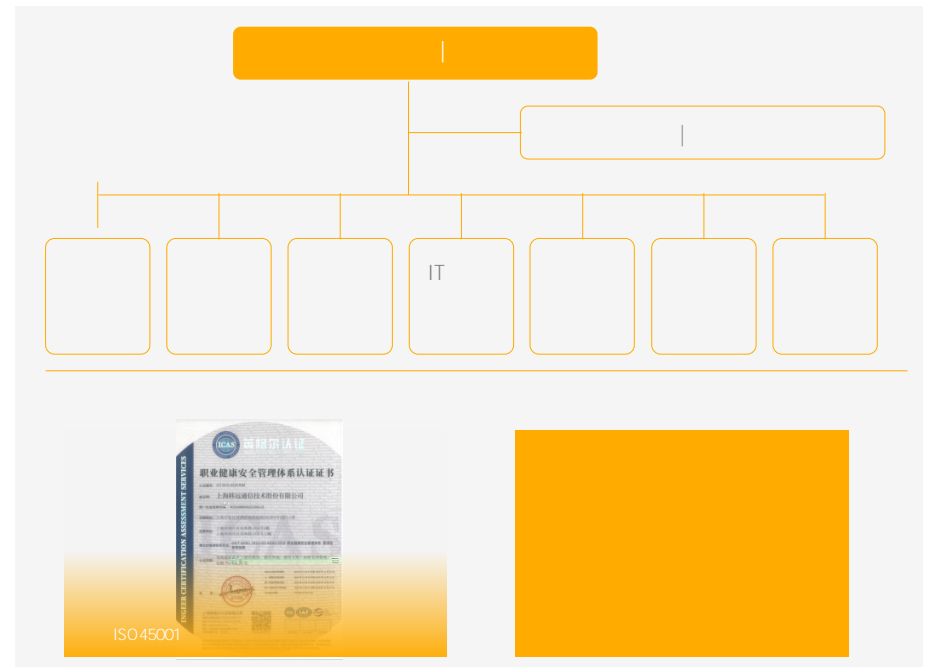


ESG



2025		
25		
2025	• Tips	48
2025	12	

ISO45001



ISO45001



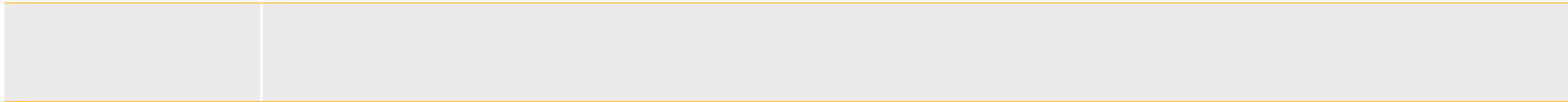
" _ _ "

26 AED

" - - - "

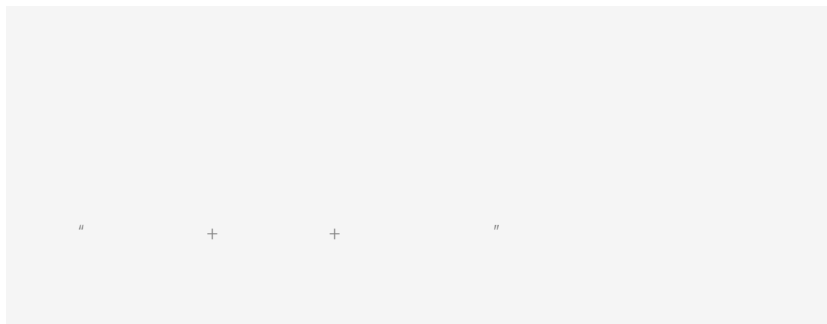
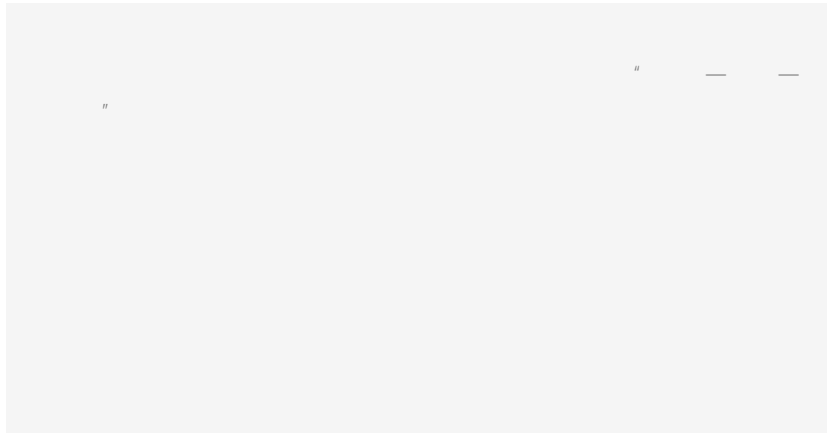
5

+



AED





2025	
	151.5
	21,356
	1,982

Progress indicator: 5 bars

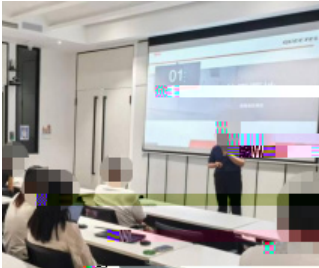
Icon: [Warning]

Text: " " " "

EHS

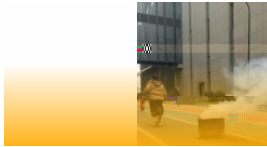
Progress indicator: 5 bars

Icon: [Warning]



Progress indicator: 5 bars

Icon: [Warning]





	2025
	61.18
0%	
100%	339.95
100%	66.82
	789 100%
100%	

AI



NB-IoT 5G

AI

@AI

" " "



PPP

FMA 75% 97%


AI 30% 18%

AB

" "

FMA310

FMA210





2

"	"	2025
"		
		
		
		






" "

2020
12,135

2025

475.01

100

2025	" "	 
	<p>1,772 2025 12</p>	96.3
2024	2025 3	3,499
		

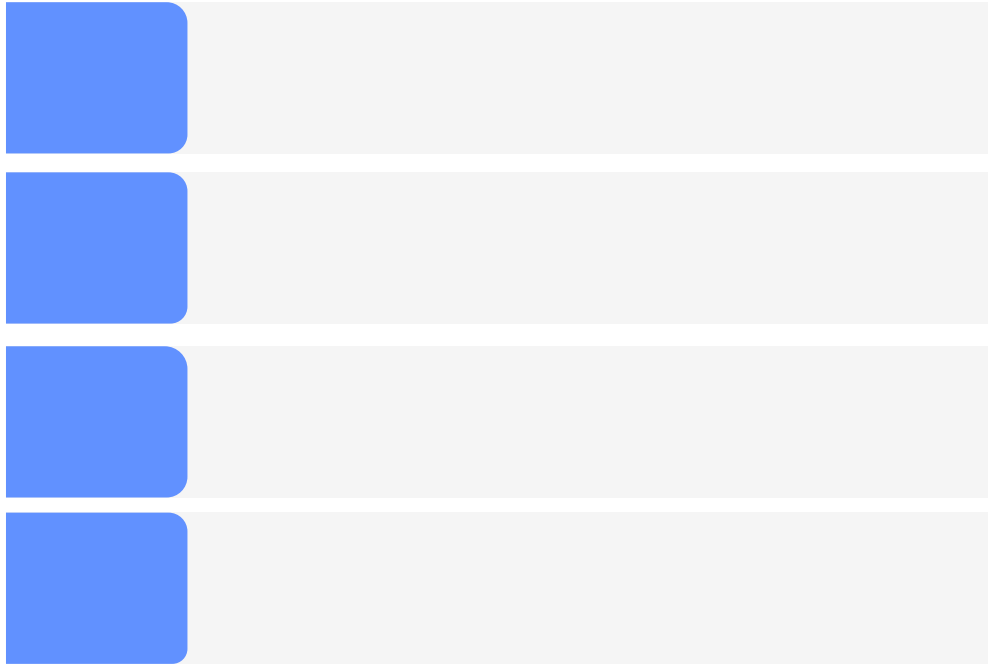
2025		
		618
	44.14	
	1,583	
	198.3	



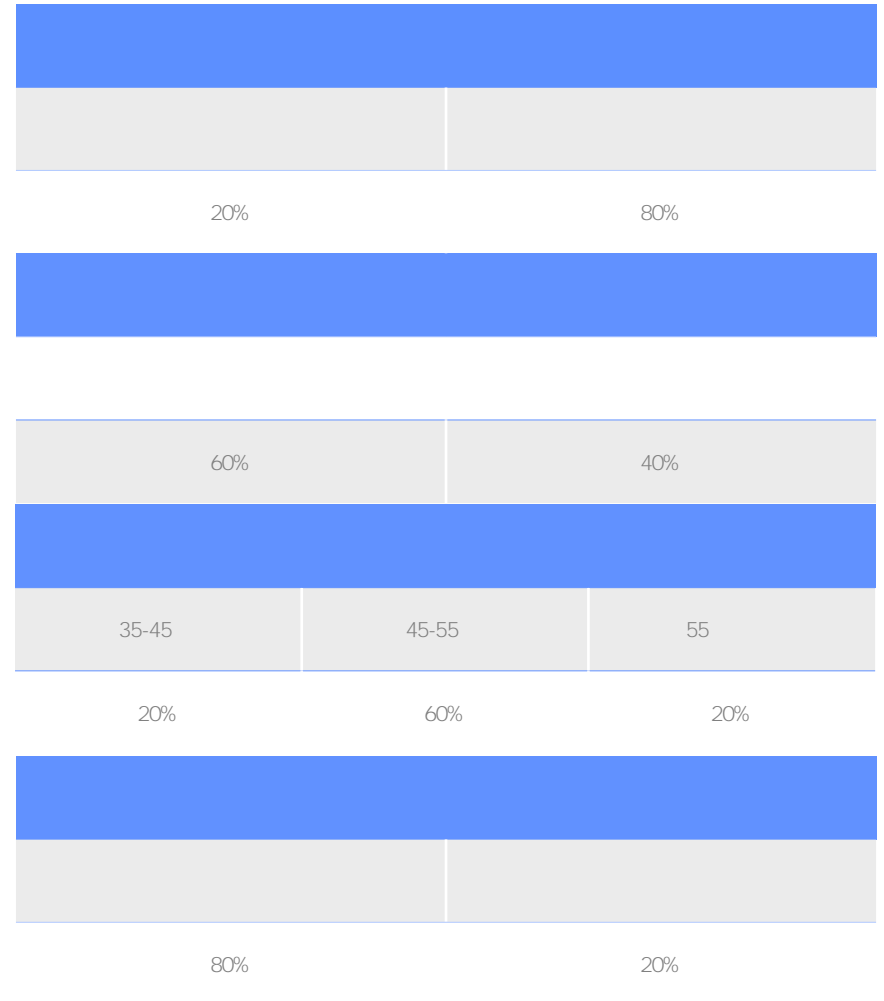
QUECTEL

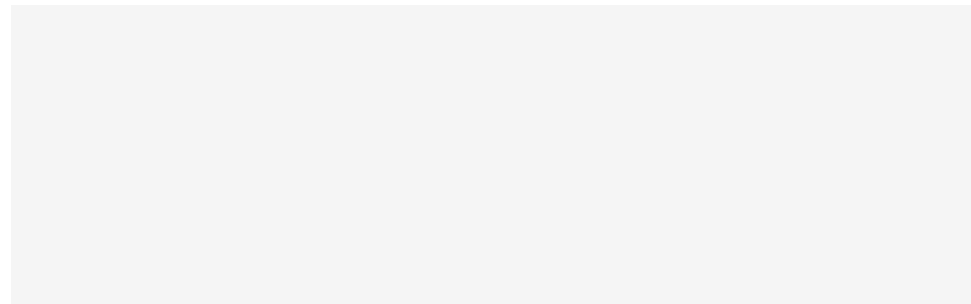
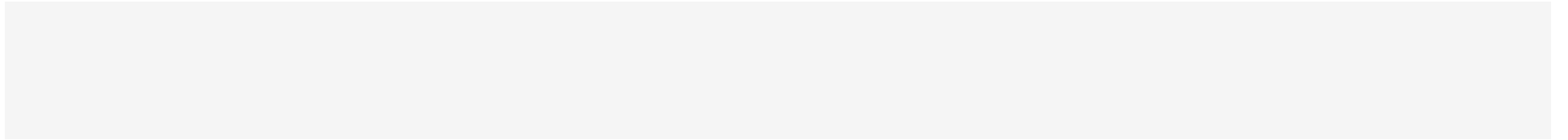


ESG



2025	5	2	40%
------	---	---	-----



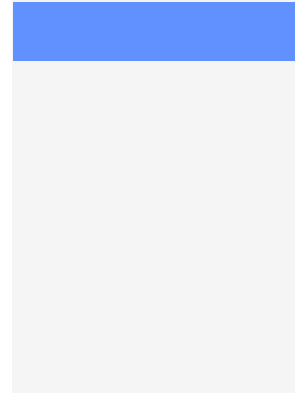
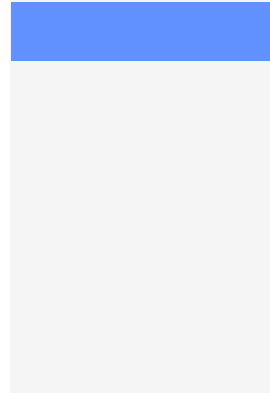
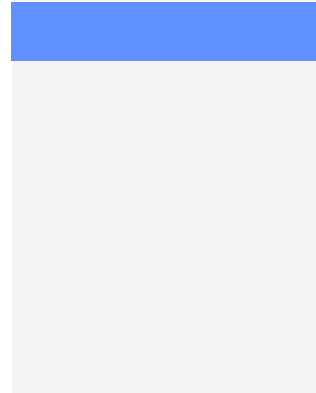




ESG



ESG



2025

Committed	2025	B	137	4	2022-2024	A	133	EcoVadis
ESG	Wind ESG	AA,	ESG	A				



2025

CMS

4,395.42

3,570



(2020)



			2025
/	"	"	
"	"		

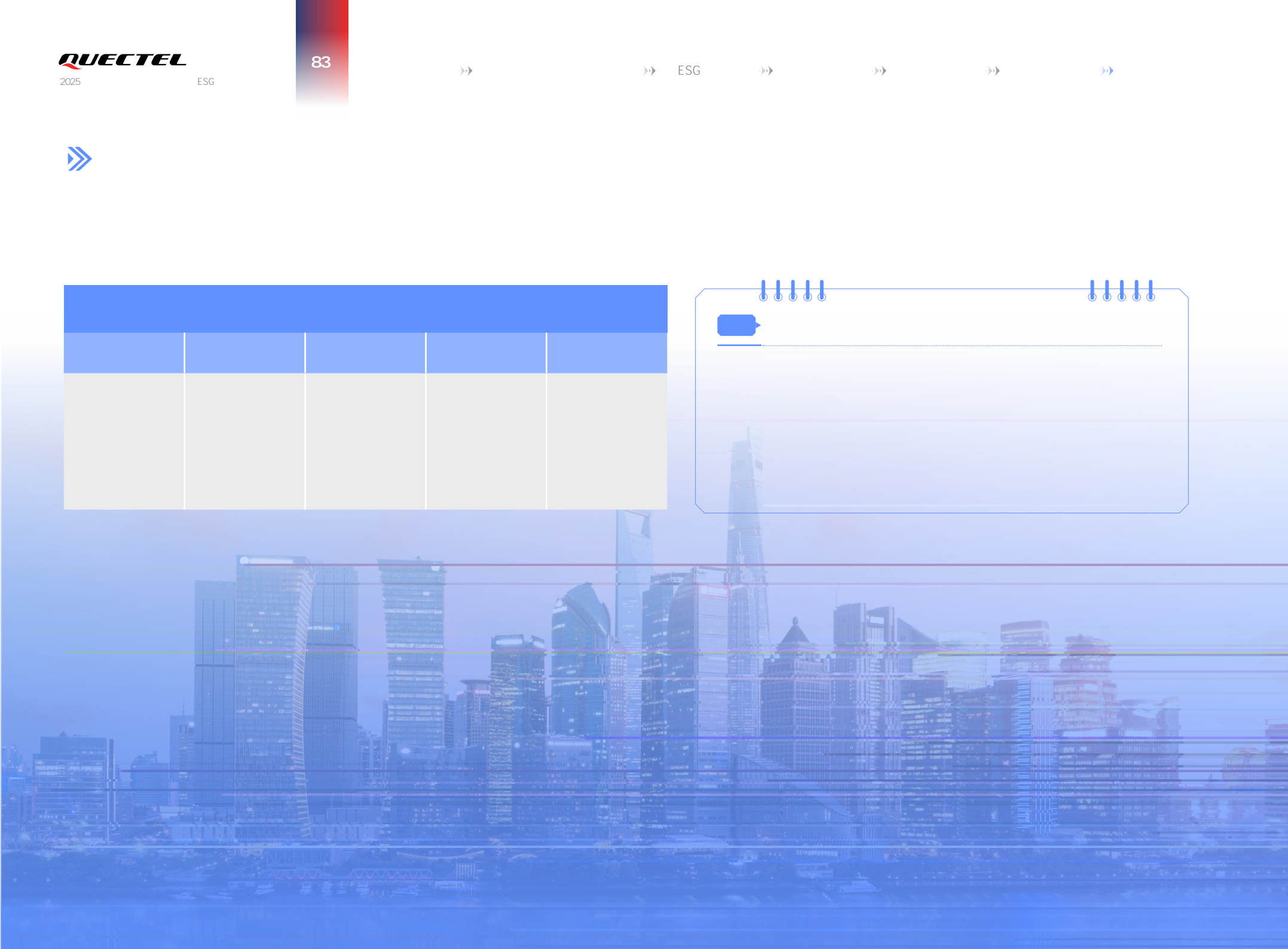
2025		
	2,834	
	178	
	100	%
	26	
	100	%
	2	
	1	

- EIP
-
-
-
-



[Blue Header Bar]				
[Blue]	[Blue]	[Blue]	[Blue]	[Blue]
[Yellow]	[Yellow]	[Yellow]	[Yellow]	[Yellow]

[Blue Notepad Template with Ring Bindings]





GRI Standard 2021		
GRI 2		
2-1		
2-2		
2-3		
2-4		
2-6		
2-7		
2-8		
2-9		
2-10		
2-11		
2-12		
2-13		
2-14		
2-16		
2-17		
2-18		
2-19		
2-20		
2-22		
2-23		

GRI Standard 2021		
2-24		
2-25		
2-26		
2-27		
2-28		
2-29		
2-30		
GRI 3		
3-1		
3-2		
3-3		
201		
201-1		
201-2		
203		
203-1		
203-2		
204		
204-1		
205		
205-2		



GRI Standard 2021

GRI Standard 2021		
205-3		
206		
206-1		
207 2019		
207-1		
207-2		
207-3		
301		
301-1		
301-2		
301-3		
302		
302-1		
302-2		
302-3		
302-4		
302-5		
303		
303-1		
303-2		
303-3		

GRI Standard 2021

GRI Standard 2021		
303-4		
303-5		
304		
304-2		
305		
305-1	1	
305-2	2	
305-4		
305-5		
305-7	NOX	SOX
306		
306-1		
306-2		
306-3		
306-4		
306-5		
308		
308-1		
308-2		
401		
401-1		



GRI Standard 2021

GRI Standard 2021		
401-2		
401-3		
403		
403-1		
403-2		
403-3		
403-4		
403-5		
403-6		
403-7		
403-8		
403-9		
403-10		
404		
404-1		
404-2		
405		
405-1		
406		
406-1		
408		

GRI Standard 2021

GRI Standard 2021		
408-1		
409		
409-1		
413		
413-1		
414		
414-1		
414-2		
416		
416-1		
416-2		
417		
417-1		
417-2		
417-3		
418		
418-1		

QUECTEL

移远通信