# 2024
# 环境、社会及公司治理
# ESG报告

奥特维
股票代码：688516

无锡奥特维科技股份有限公司
Wuxi Autowin Technology Co., Ltd.

2024 1 1

2024 12 31 p

p

2 ᴗ EQG

p

p

γ δ γ

14 - δ γ

CAQQ-EQG6.0 ] δ γ γ

(QDGq) δ

1 -- δ γ

13 δ ᴗ γ

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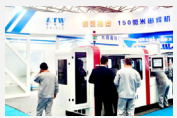

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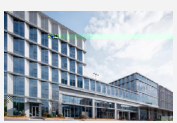
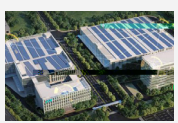
v





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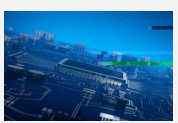

# 2024

EQG

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γ

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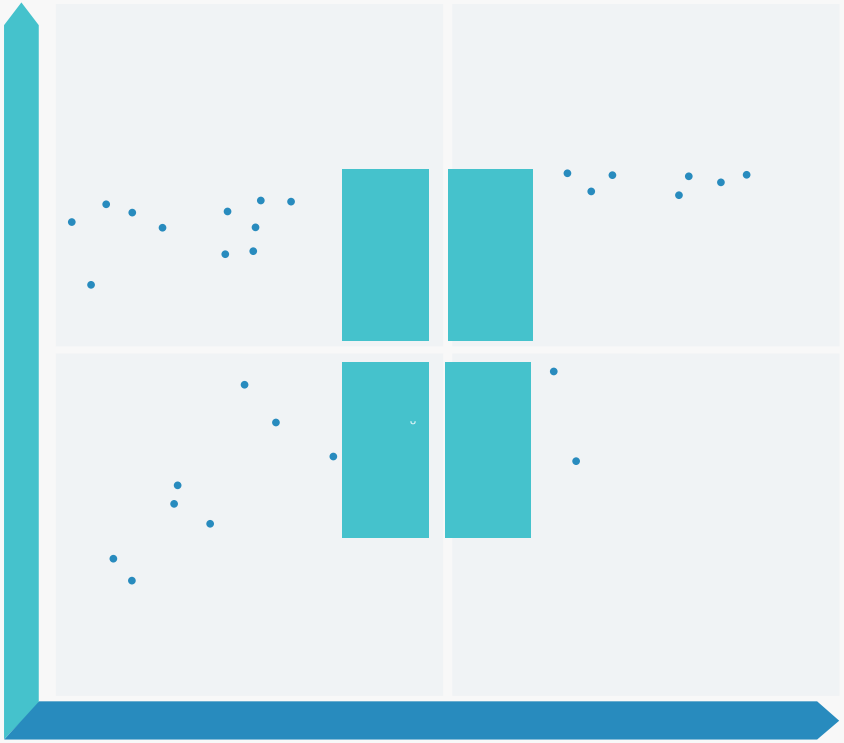
2024



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|---|---|---|
| v | v | v |
| v | v | v |
| v | v | v |
| v | v | v |
| v | v | v |
| v | v | |
| v | v | |
| v | v | |
| v | v | |
| v | v | |
| | v | |
| | v | |
| | v | |

EQG

EQG

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EQG

EQG

EQG

EQG

v EQG p

v EQG p

v E5G p

EQG

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v EQG p

v EQG p

EQG p

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EQG

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2024 2015

2024 12 31 1971 260 1368 128 6

2024

2024 12 31

128

91

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2015

2021

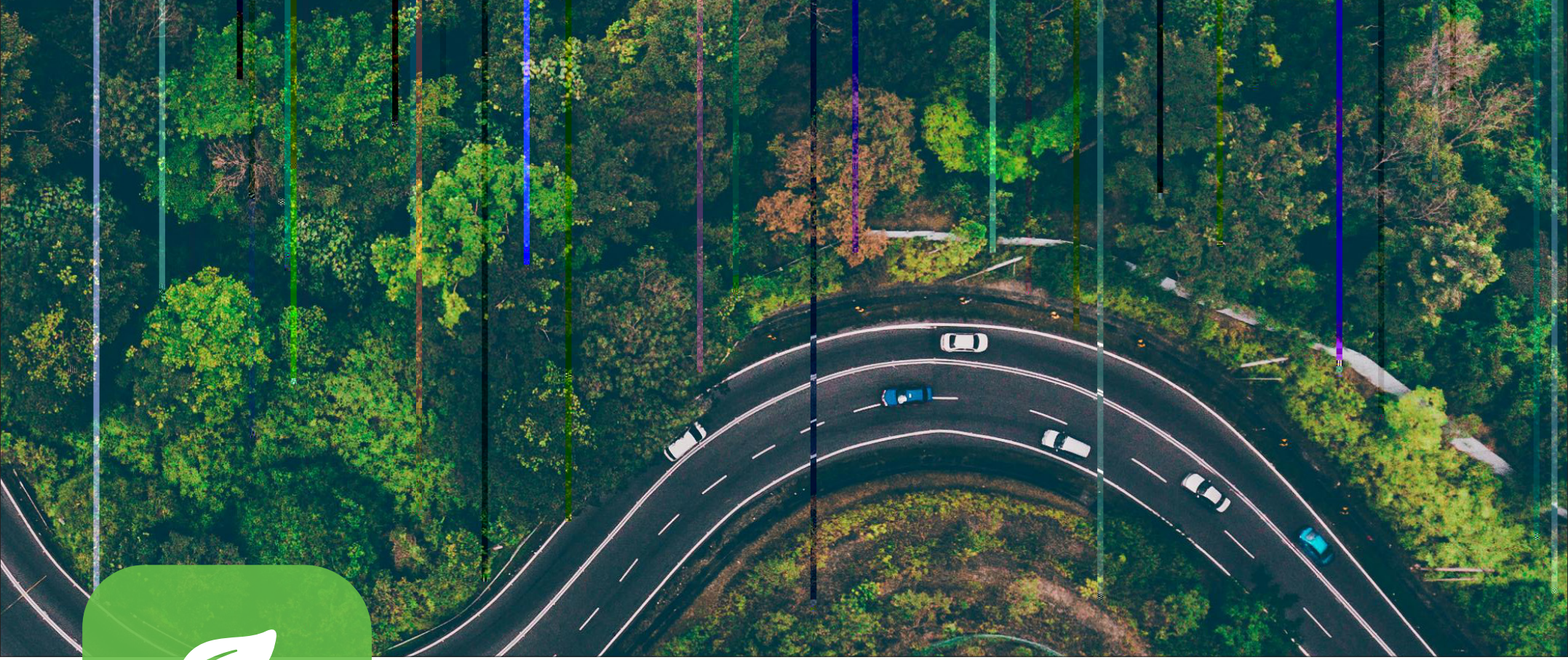
GP202132005383 2024

GP202432014252

15%

2024

30%



## SDGs

p

v p
v p

v GHG ; GHG
p
v GHG
p
v GHG p
..... .....

v
v IQ014064 p
p
.....

v GHG p
v GHG p
v GHG GHG p

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p

IPCC QQP5-8.5

QQP1-2.6

p

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|---|---|---|---|
| (SSP5-8.5) | p | 2100<br>4.3¬ C 6.7¬ C p<br>2050<br>p | ˘<br>˘<br>p |
| (SSP1-2.6) | p | 2100<br>1.5¬ C p<br>2050<br>p | p |

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| | ˘<br>˘ ˘ | ˘ ˘ ˘<br>˘<br>p | | | ˘<br>˘ ˘<br>p |
| | | IPCC 2100 0.3<br>1 p<br>˘ p | | | p |

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| | | p | | | p |
| | | p | | | IQO 14064 EQG p |
| | | p | | | p p |
| | | p | | | p p |
| | | EQG p p | | | EQG p |

IQO 14064

p 2024

2023

p

2023

p

p

| 1,2 | | |
|---|---|---|
| | | 2024 |
| | | 2,621.25 |
| | | 375.85 |
| | | 2,245.40 |
| | / | 0.0028 |

1 γ δ

2024 12 γ 2022 δ

p

2 5 p

■

o p

p

p

018F o o o

p

90% p

p

7,484.29 ie $CO_{2c}$

γ δ γ δ p 2024

IQO 14001 p

IQO14001

“ ”

“ ”

623.82 ) p

p

γ δ

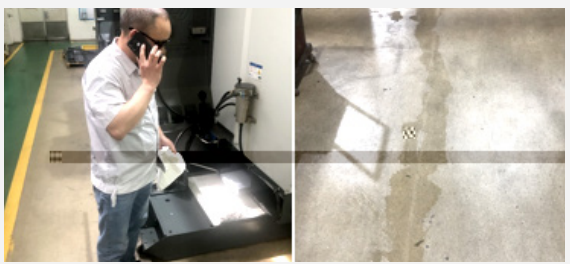
γ δ

p

p

p

100% p



p

γ δ γ δ γ δ

p

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p

p

p

p

| | | |
|---|---|---|
| 1,413 | p | 2024 1,660.94MU f |

| 1 | | |
|---|---|---|
| | | 2024 |
| | | 418.45[2] |
| | | 13.63 |
| | | 78.29 |
| | KN k⁻ | 43.60 |
| | | 702.51 |
| | | 188. 23 |
| | | 514.28 |
| | / | 0.0008 |
| | MU f | 1,660.94 |
| | % | 22.45 |

1 p γ

δ (GB/R2589-2020) p

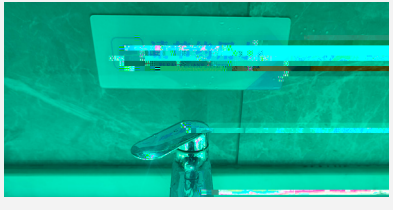
2 p

γ δ

p

p

p



| | | 2024 |
|---|---|---|
| | | 83,191 |
| | / | 0.0904 |

p

γ δ γ

δ p

2024

403 p

p

p

p

p

30 p

p

2024 618.29 p 2024 2023 4.6% p

p

p

p

p ⌣

p

## 0BB

2024 0BB

p

ROPCm l ⌣ HJR ⌣ BC

p

⌣ ⌣

p

ST

p

## /PACK/

p

p

p

/PACK

## SC-1600 MCZ

QC-1600 MCX

395 k k ⌣ 1.7 k p

p

⌣ p

SPH 20%

p

γ δ γ δ

p

γ δ γ δ γ

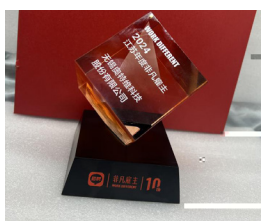
δ γ δ γ δ γ δ

18 18

p

100% p

2024



2024

2024 γ δ γ δ γ

δ γ δ

p

100

450

2024

2024 8

p ʊ ʊ γ δ

p ʊ p

ʊ ʊ

p

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p

p

p

p

p

| | |
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| | ▼ 1 p<br>▼ 2024 100% p |
| | ▼ p |
| | ▼ γ δ 8 p |
| | ▼ p |
| | ▼ p |

■

p

p

| | | |
|---|---|---|
| 2024 | 1 019 | 80% p |

p

γ δ γ δ

p 2024 8 20

p

2024 2

p

1,763 p

p

p

γ δ

p

3

p

3 p

p

v / p
v HPBP p

v HPBP p
v HPBP p
v p

p

p

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2024 5

p

2024 7

p

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γ
δ p
DIW
p

E-jc_plgle

2024

11

1,100

3

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δ γ δ γ δ ˘ γ δ ˘
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ẏ p
ẏ 2024 ˘
239 p

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p

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˘ ˘ ˘
p
ẏ 2024 2 γ δ 92 p

+ - -
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p

2024

p

138

p

58 80

93%

p

2024

p

24 82 p

&

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|---|---|
| 19,832 | 97.18 |
| 120 | 100 |
| 86 | 124.5 |
| 4,041.50 | 18.3 |
| 15,790.5 | 81.7 |

p

p

p

43

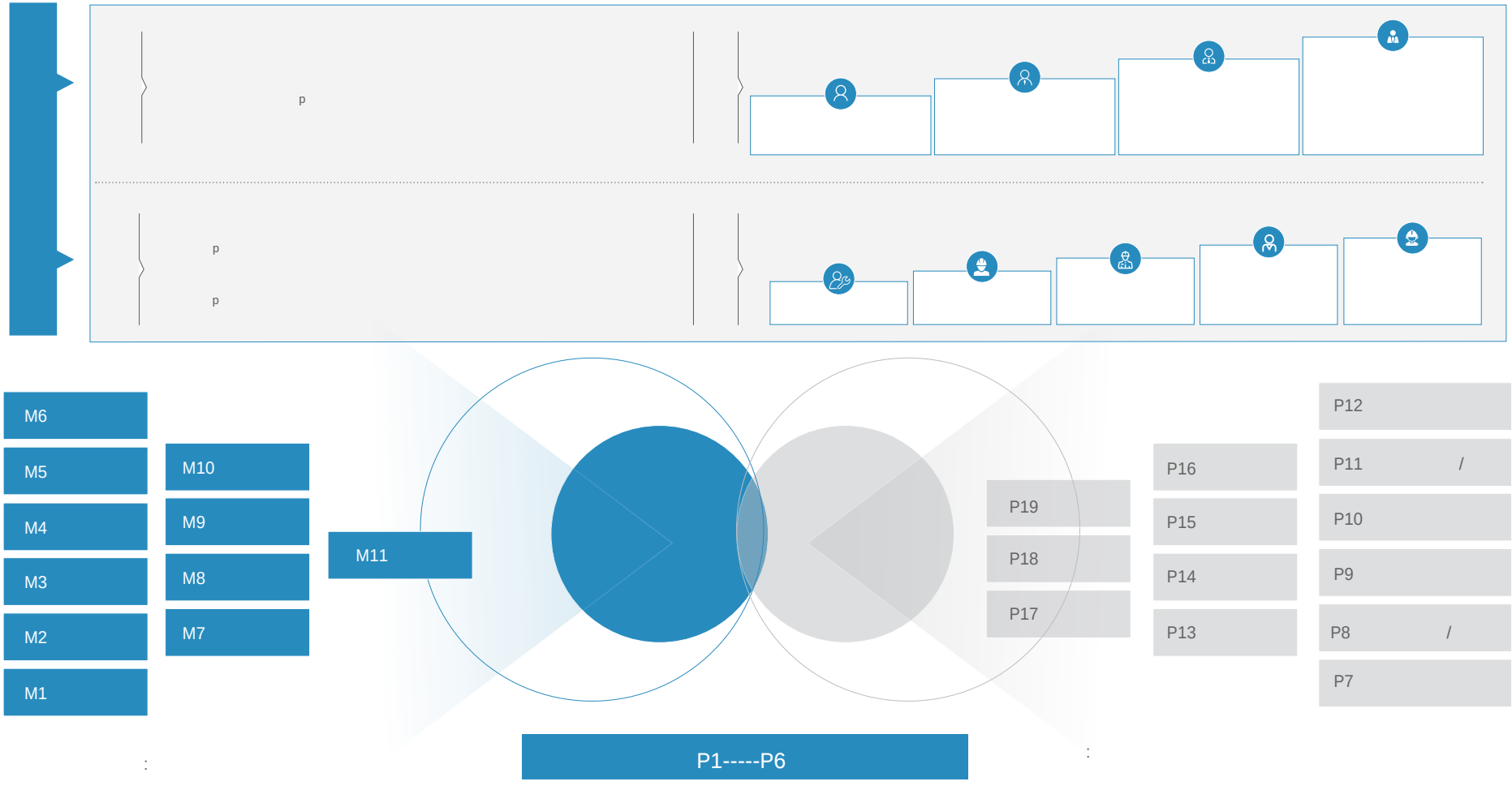
170+

p

2024

+ +

p


p
p
p
M6
M5
M4
M3
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M10
M9
M8
M7
M11
P19
P18
P17
P16
P15
P14
P13
P12
P11 /
P10
P9
P8 /
P7
P1-----P6

γ

δ γ δ γ

δ γ

δ γ δ

p

| | |
|---|---|
| 2024 | IQO 45001<br>p |

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| | p |
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| | p |

100% p

γ δ γ δ γ δ γ δ γ δ γ

δ p

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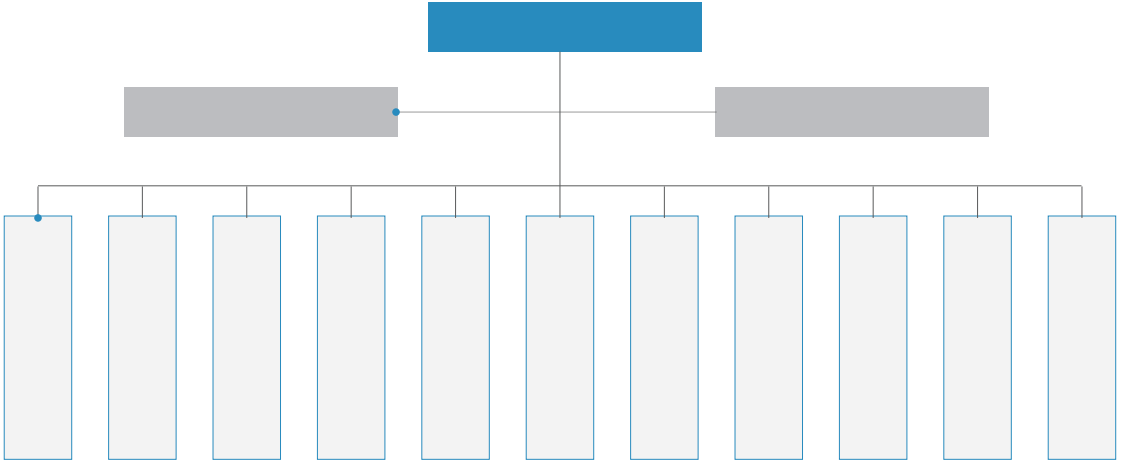


## γ δ γ δ

p

p

100% p

p

6 635 p

γ δ γ δ

p

2024

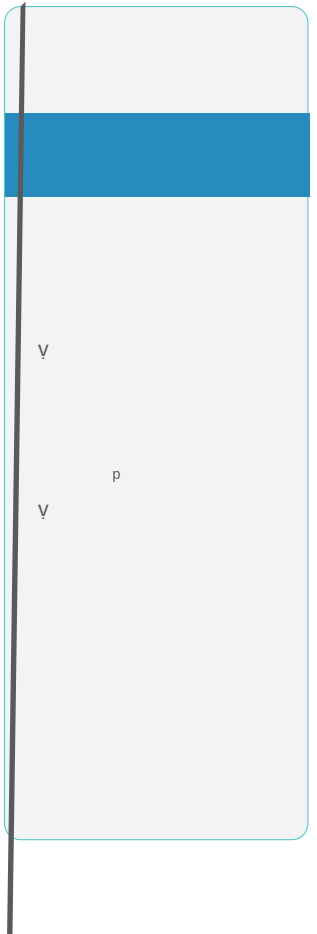
86.5

4,861

137

100%

品质
契约


Ṿ
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γ δ γ δ

γ δ γ δ PDCA IQO 9001

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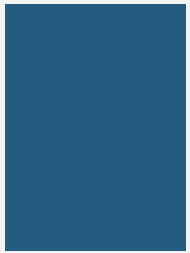
GB/R 19001-2016

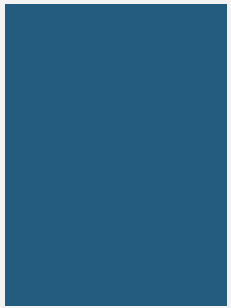
GB/R 19001-2016 GB/R

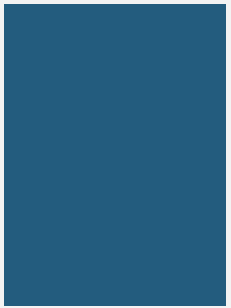
19001-2016 p

## 2024



## 2024





## 2024

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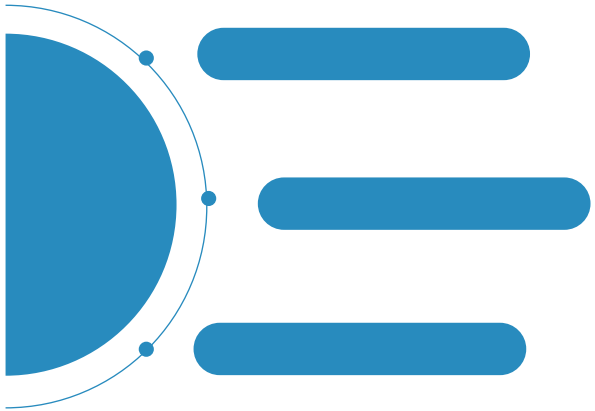
| | p |
| | p<br>p |
| | p<br>p |
| | γ δ<br>p |
| | 237<br>p |



p

γ δ ˘ ˘ ˘KPI p

γ δ p

## 2024

99.05% 2023 1.5%

p

OA 6,067

1,255.1 p

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RST IIrcprci

CE ;

p

of Conformity
EC Council Directive 2006/42/EC
Machinery

Registration No.: AM 50643729 0001

Holder: Wuxi Autowell Technology Co., Ltd.
No. 3 Xinhua Road, Xinwu District,
Wuxi,
Jiangsu
P.R. China

Product: Machinery
(Wafer Inspection System)

Type designation and serial number are listed on the next page(s)

product. This is to certify that the tested sample is in conformity with all provision of Annex I of Council Directive 2006/42/EC, referred to as the Machinery Directive. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex II of

Certification Body

Date: 2024-09-19

Huajian Dong

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

www.tuv.com

TÜVRheinland®
Precisely Right

CERTIFICATE
of Conformity
EC Council Directive 2006/42/EC
Machinery

Registration No.: AM 50643729 0001

Product: Machinery
(Wafer Inspection System)

Identification: Type Designation
AMS1411
Serial No.:
AS1411A0000004
Remark:
Refer to test report IN2404142 001 for details.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

TÜVRheinland®
Precisely Right

www.tuv.com

RST

γ δ

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24 24 72 p

p

p

Step1 p

Step2 - - ( ) p

Step3 p

Step4 p

Step5 p

Step6 p

Step7 p

100% 100%

p

γ δ γ δ γ δ γ

δ

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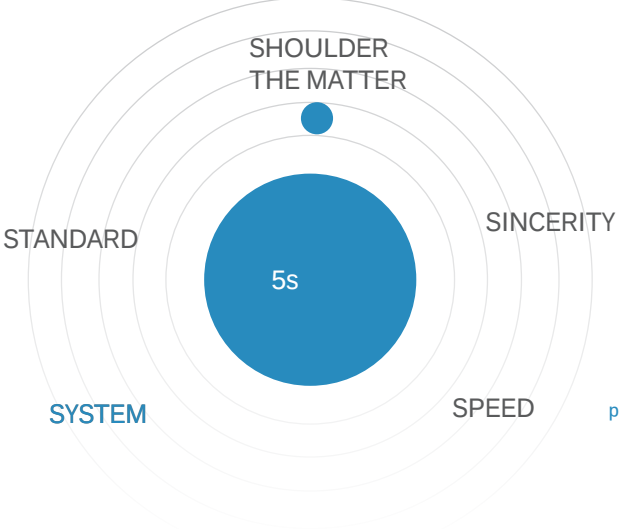



p

■

p

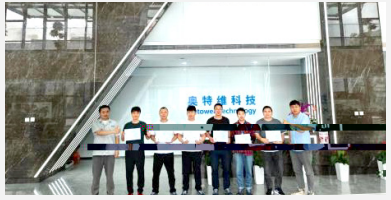
- V ˘ ˘ ˘ ˘ ˘ p
- V /PACK /PACK ˘ ˘ ˘ p
- V ˘ ˘ p

- V p
- V / p

- V ROPCml ˘ HJR ˘ BC p
- V 0BB ˘ p

2024

p



2024

21 125 p

p 2024

100% p

100% 100%

2024

p

p

IQO27001 γ

δ γ δ

p

p p

95%

p

2 95%

1.5 /

p

p

p

p

p

■

2024 43,036.09 10,305.32

4.68% p

2024

1,065 21.71% p

■ “ 3+12+3 ”

p

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12

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δ γ δ γ δ γ δ

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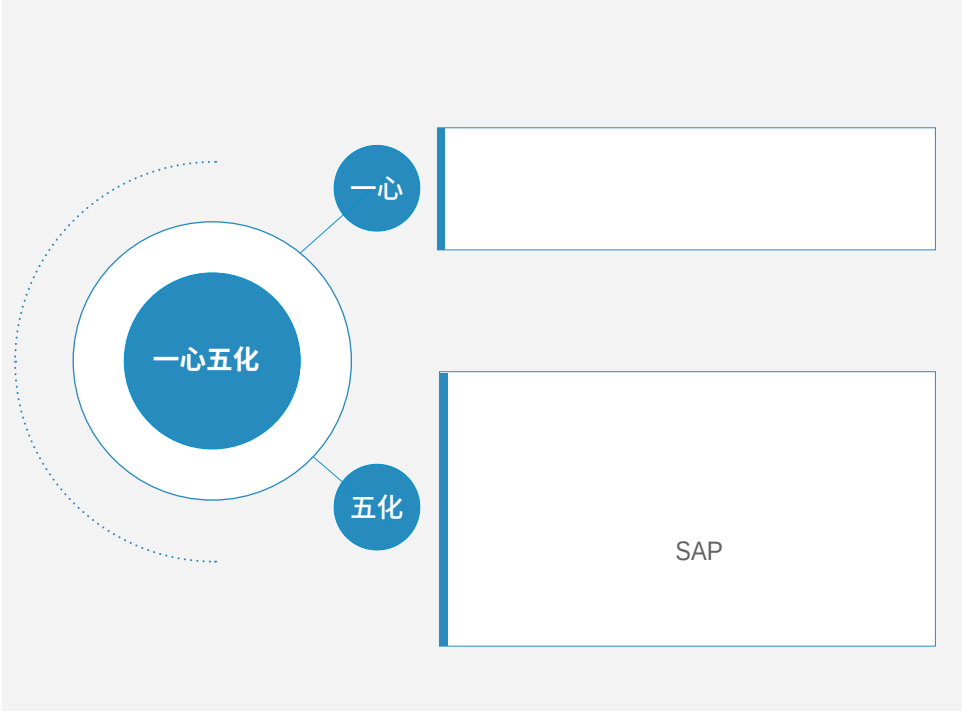


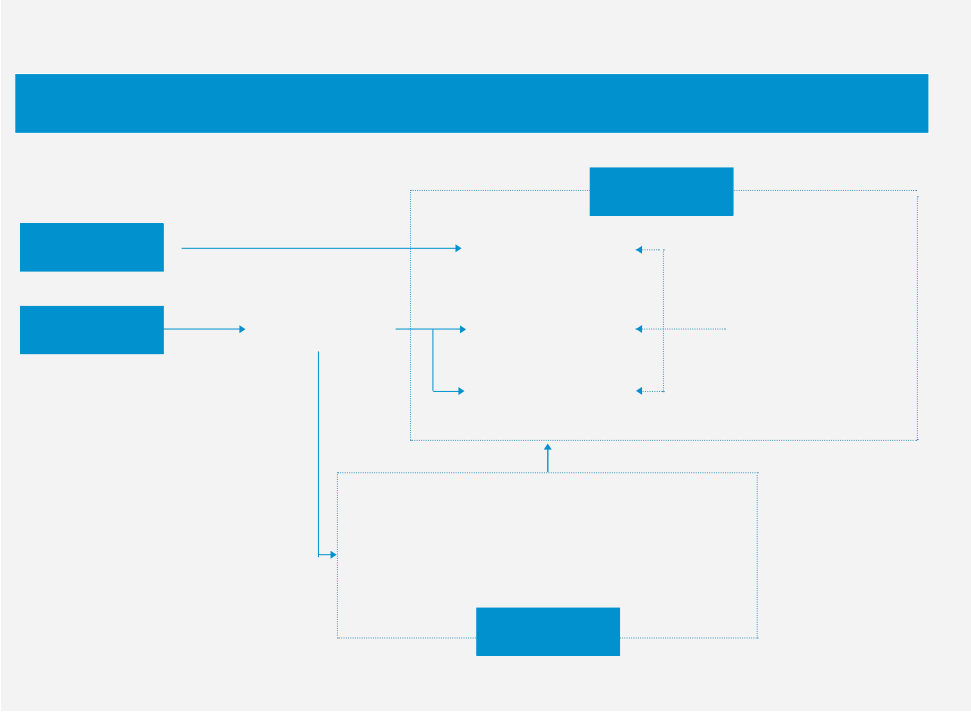

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¬xæ®;ù–{¬—&s,w|A.™%Sö® : ' # u : ' # æ¯ v

p

RA p

p

p 2024

2024 90% 75 p

p

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p

1650 p

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p

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| | p 10% |
| | 0BB<br>BC p ≥ 5% p 10% p |
| | 12 p |
| | 2024 p p |
| | CRP /PACK<br>60% p |

2024

γ δ p

p

2016

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p

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9

29490-2013 γ

γ

δ γ

δ

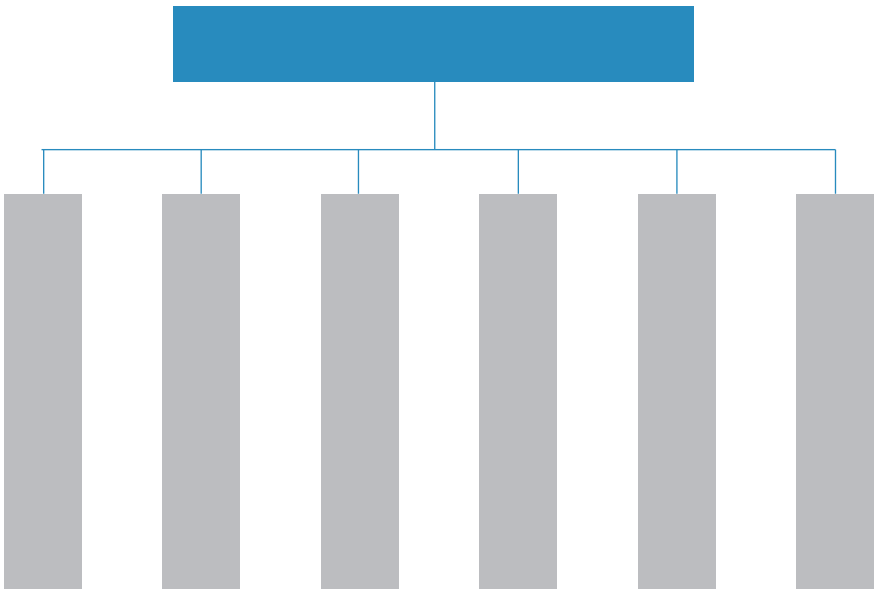
p

GB/R

δ

δ γ

δ γ



■

p

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p

p

| | 2024 | | | |
|---|---|---|---|---|
| | | | | |
| | 132 | 149 | 658 | 260 |
| | 485 | 170 | 1,839 | 1,368 |
| | 2 | 3 | 9 | 6 |
| | 67 | 23 | 174 | 128 |
| | 35 | 40 | 212 | 209 |
| | 721 | 385 | 2,892 | 1,971 |

p

GB/R23001-2017 ˅

δ GB/

R23006-2022 ˅

δ

p

p 2021 7

2024

8

p

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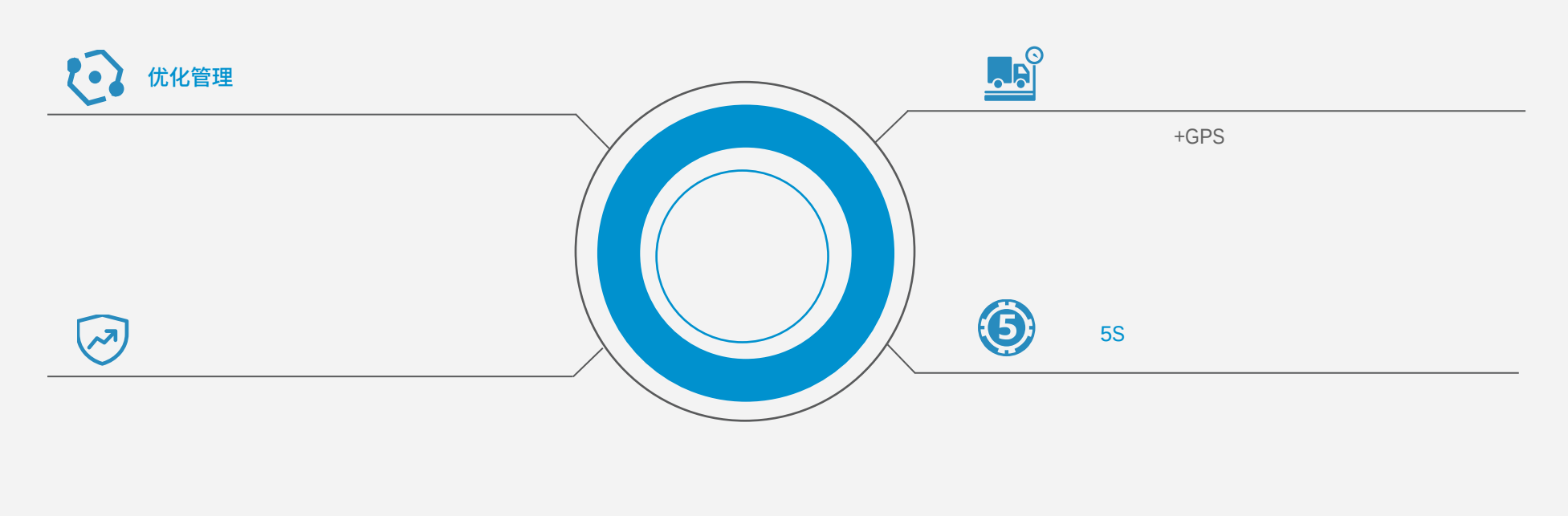
p

p QAP OA

QPM&MCQ UMQ HPM E-jc_plgle IR p



■

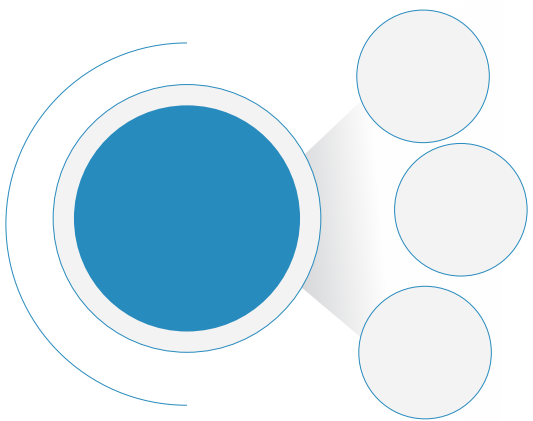
p

QPM

γ δ /

p

| | |
|---|---|
| | p |
| | p |
| | p |



| A | B | C | D |
|---|---|---|---|
| A ≥ 80 | 65 ≤ B 80 | 50 ≤ B 65 | D 50 |
| | | 1<br>2 | 1<br>2<br>C |

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Step1

SQE

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Step3

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| | ṷ γ δ ʊ ʊ p<br>ṷ ʊ ʊ p / ă / Ā |

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EQG

EQG

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EQG EQG

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## EESA

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## 2024 SEMICON CHINA

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## RE+

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PE+ R_gw_IeNcuq

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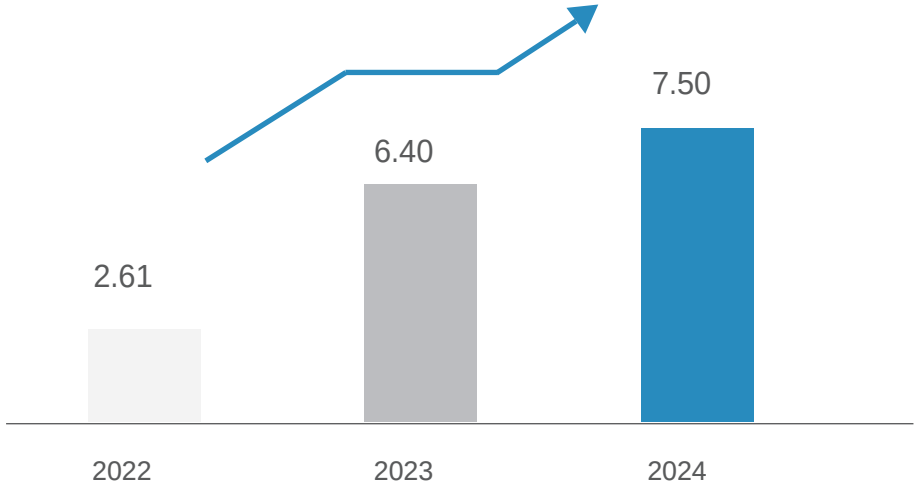

p

p

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童梦奇境
儿童乐园

企业实训基地签约
无锡科技
职业学院
无锡奥特维
科技股份有限公司
无锡机电
高等职业技术学校
无锡隆盛
科技股份有限公司

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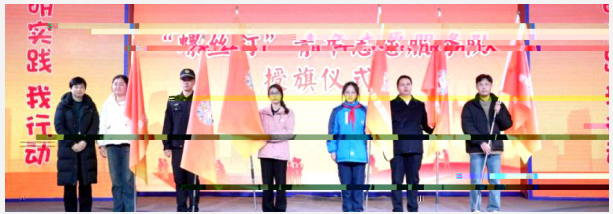

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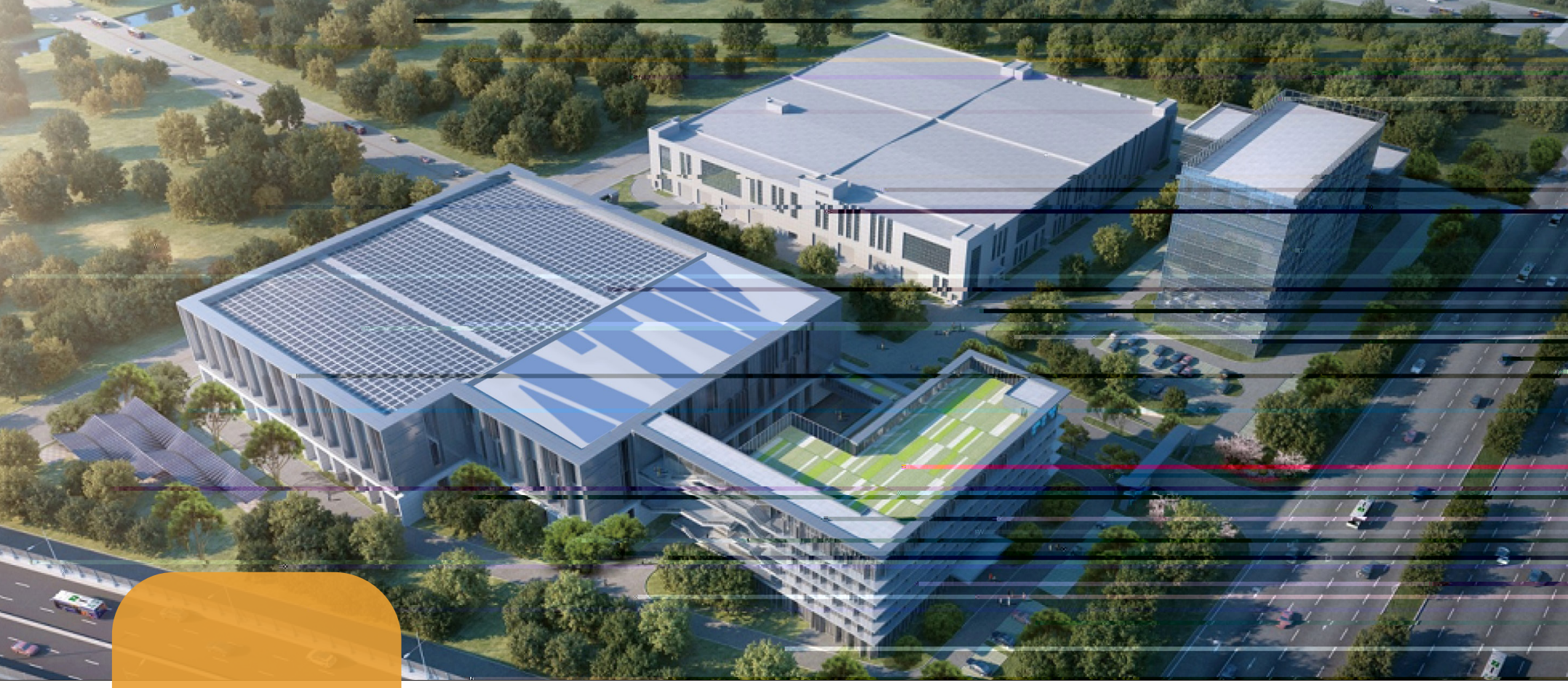

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| | 2024 + | 7.74 |
| | | 60.85% |
| | c | 66 |
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| | hs`_m@uv_srmucjj.amk |
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| 3 “ ” | 1 | 150 |
| 7 | 1 | 100 |
| 7 | 2 | 300 |
| 12 : | 1 | |
| 12 | 1 | |

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| | | 2023 | 2024 |
|---|---|---|---|
| | | 4,832 | 4,101 |
| | | 4,271 | 3,550 |
| | | 561 | 551 |
| | % | 19.37 | 21 |
| | % | 100 | 100 |
| | | 78 | 137 |
| | % | 100 | 100 |
| | % | 100 | 100 |
| | | 13,269,000 | 971,800 |
| | | 55,000 | 19,832 |
| | | 4 | 120 |
| | % | 100 | 100 |

| | | 2023 | 2024 |
|---|---|---|---|
| | | 5 | 124.5 |
| | % | 80 | 86 |
| | % | 95.4 | 100 |
| | % | | 100 |
| | % | | 100 |
| | % | | 100 |
| | % | | 100 |
| | | 0 | 0 |
| | | 0 | 0 |
| | | 0 | 0 |
| | % | 97.55 | 99.05 |
| | | 32,730.77 | 43,036.09 |
| | | 875 | 1,065 |

| | | 2023 | 2024 |
|---|---|---|---|
| | | 32 | 149 |
| | | 271 | 170 |
| | | 1 | 3 |
| | | 24 | 23 |
| | | 358 | 385 |
| | | 236 | 153 |
| ( ) | | | 215,417 |
| EQG | | | 5 |
| EQG | | | 130 |
| | | 102.52 | 189.83 |
| | | | 250 |

| | | 2023 | 2024 |
|---|---|---|---|
| | | | 25 |
| | | | 4,154 |
| | | | 6 |
| | | 0 | 0 |
| 6 | | | |
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| | γ 14 δ | GPI Qr_ I b_pbq |
|---|---|---|
| | / | G2-1 |
| | | |
| | / | G2-1 |
| | / | G2-1 |
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| | / | G2-1 |
| 2024 | / | G2-1 |
| | / | G2-1 |
| | | |
| | ˘ ˘ ˘ ˘ ˘ | G3-1 ˘ G3-2 ˘ G3-3 |
| | | G2-29 |

| | γ 14 δ | GPI Qr_ I b_pbq |
|---|---|---|
| | | G3-1 ˘ G3-2 ˘ G3-3 |
| | | |
| | ˘ | G2-22 |
| | | G2-22 |
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| | ˘ ˘ ˘ ˘ ˘ ˘ ˘ ˘ | G201-2 ˘ G305-1 ˘ G305-2 ˘ G305-3 ˘ G305-4 ˘ G305-5 ˘ G305-6 ˘ G305-7 |
| | ˘ | / |
| | | G306-1 ˘ G306--2 ˘ G306-3 ˘ G306-4 ˘ G306-5 ˘ |
| | ˘ | G302-1 ˘ G302-2 ˘ G302-3 ˘ G302-4 ˘ G302-5 |

| | γ 14 δ | GPI Qr_l b_pbq |
|---|---|---|
| | ˘ | G303-1 ˘ G303-2 ˘ G303-3 ˘ G303-4 ˘ G303-5 |
| | | G301-1 ˘ G301-2 ˘ G301-3 |
| | ˘ ˘ | / |
| | | G101-1 ˘ G101-2 ˘ G101-4 ˘ G101-5 ˘ G101-6 ˘ G101-7 ˘ G101-8 ˘ G304-1 ˘ G304-2 ˘ G304-3 ˘ G304-4 |
| | | |
| | ˘ | G401-2 ˘ G401-3 ˘ G404-1 ˘ G405-1 ˘ G406-1 |
| | ˘ | G403 |
| | ˘ ˘ | G416-1 ˘ G416-2 ˘ G417-1 ˘ G417-2 ˘ G417-3 |
| | ˘ | / |
| | ˘ | G204-1 ˘ G308-1 ˘ G308-2 ˘ G409-1 ˘ G414-1 ˘ G407-1 ˘ G408-1 ˘ G409-1 |
| | | / |

| | γ 14 δ | GPI Qr_l b_pbq |
|---|---|---|
| | | G415-1 |
| | | |
| | ˘ ˘ | G2-9 ˘ G2-10 ˘ G2-11 ˘ G2-12 ˘ G2-13 ˘ G2-14 ˘ G2-15 ˘ G2-16 ˘ G2-17 ˘ G2-18 ˘ G2-19 ˘ G2-20 ˘ G2-21 ˘ G2-27 |
| | | / |
| | | G207-1 ˘ G207-2 ˘ G207-3 ˘ G207-4 |
| | / | / |
| | | G205-1 ˘ G205-2 ˘ G205-3 |
| | | G206-1 |
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| EQG | | / |
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# 奥 特 维