

# GHG Verification Report

2025

	2026 3 27

1.	.....	3
1.1	.....	3
1.2	.....	3
1.3	.....	3
2.1	.....	4
2.2	.....	4
2.3	.....	5
2.4	.....	5
3. GHG	.....	5
3.1 GHG	.....	5
3.2 GHG	.....	5
3.3 GHG	.....	6
3.4 GHG	.....	7
3.5 GHG	.....	9
3.6	.....	9
3.7	.....	9
4.	.....	10
4.1	.....	10
4.2	.....	10
4.3	.....	11
5.	.....	14
6.	.....	15
6.1	.....	15
6.2	.....	15
7.	.....	15
7.1	.....	15
7.2	.....	15
8.	.....	15
8.1	.....	15
8.2	.....	15
8.3	.....	16
8.4	.....	16
9.	.....	16
10.	.....	16

# 1.

## 1.1

ISO14064-1 2018 GHG Protocol

CO2 e

## 1.2

2014 03 31

699

251275.68

3D Sensing

3DSensings

DELL

VIVO

ISO9001 ISO14001 ISO45001 ISO14064-1 QC080000 IATF16949

ISO27001 RBA VAP Sliver

2021

[2022]05

2023

"

"

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---

---

## 1.3

" "

1)

2)

GHG

GHG

3)

GHG

GHG

4)

:

/

5)

6)

7)

8) EHS

9)

:

10)

:

11)

13

## 2.1

2025 1 1 2025 12 31

## 2.2

## 2.3

- 1
- 2
- 3
- 4
- 5
- 6

ISO14064-1 2018 GHG Protocol 1 ISO14064-1 2018  
GHG Protocol 2 ISO14064-1 2018 GHG Protocol  
3-6 ISO14064-1 2018 GHG Protocol

## 2.4

# 3. GHG

## 3.1 GHG

CO<sub>2</sub> CH<sub>4</sub> N<sub>2</sub>O NF<sub>3</sub>  
HFCS PFCS SF<sub>6</sub>  
GHG

## 3.2 GHG

GHG 0.5% 5.0%  
CO<sub>2</sub> 15%-20% 0.1% CO<sub>2</sub>

### 3.3 GHG

#### 3.3.1

1 GHG

a)

b) /

c)

d)

#### 3.3.2 CO2 /

GHG	CO2	CH4	N2O	HFCs	PFCs	SF6	NF3
-----	-----	-----	-----	------	------	-----	-----

GHG

EF



2 CO2



➤ AD

CO2

➤ EF

EF

2025

CO2

4%

2%



3 CH4



ISO14064-1/ 6.2.3

AD x EF x GWP



➤ AD

BOD

IPCC 2006

V5

6.4

BOD 40g/ /

12

BOD

BOD

➤ EF

IPCC 2006

V5

6.2

BOD

Bo 6.3



### 3.4 GHG

3.4.1

2

GHG

3

4

5

GHG

6

3.4.2

CO2 /

ISO14064-1:2018 GHG Protocol

3.4.5

GWP

IPCC 2023

GHG

GWP

1



ISO14064-1/ 6.2.3 GHG Protocol

AD x EF x GWP





3.7.2 GHG Protocol

GHG Protocol		2025
GHG	TCO <sub>2</sub> -e/	415.06
		31951.96
S3-1		12931.04
S3-2		1882.53
S3-3		10979.68
S3-4		7.06
S3-5		246.75
S3-6		216.10
S3-7		

	6
/	3
	1

(2) , 6 5 4 3 2 1

/	6
/	5
	4
	3
	2
	1

(3) 1 3 6

	1
	3
	6

(4) + 5.0 4.0 3.0  
2.0

**4.3**

	/							t CO2e		
			A1	A2	A2	A3	A3			
1			3	1	3		1	0.15	0.00 0002	0.000 006
2			3	1	3		1	15.98	0.00 0263	0.000 614
3			3	1	3		1	11.68	0.00 0192	0.000 449
4	-		3	1	3		1	62.55	0.00 1030	0.002 404
5	-		3	1	3		1	24.44	0.00 0403	0.000 939
6			3	1	3		1	0.19	0.00 0003	0.000 007

	/		A1	A2	A3	A3	t		
				A2		A3	CO2e		

	/							t CO2e		
			A1	A2	A2	A3	A3			
25		CO2	3	1	3		2	34.95	0.00 0576	0.001 535
26		CO2	3	1	3		2	31.08	0.00 0512	0.001 365
27		CO2	3	1	3		2	3.34	0.00 0055	0.000 147
28		CO2	3	1	3		2	35.97	0.00 0593	0.001 580

29

	/							t CO2e		
			A1	A2	A2	A3	A3			
45		CO2	3	1	3		1	7.43	0.00 0122	0.000 285
46		CO2	3	1	3		1	1.08	0.00 0018	0.000 042
47		CO2	3	1	3		1	1.05	0.00 0017	0.000 040
48		CO2	3	1	3		1	16.97	0.00 0280	0.000 652
49		CO2	3	1	3		2	5.14	0.00 0085	0.000 226
50		CO2	3	1	3		2	18.12	0.00 0298	0.000 796
51		CO2	6	1	6		2	18.59	0.00 0306	0.001 429
52		CO2	6	1						

## 6.

### 6.1

2026 02

### 6.2

2026 03 23 -3 24

## 7.

### 7.1

GHG

2

4

### 7.2

2025

2040

4.2%

## 8.

### 8.1

ISO14064-1 2018 GHG Protocol

### 8.2

### 8.3

### 8.4

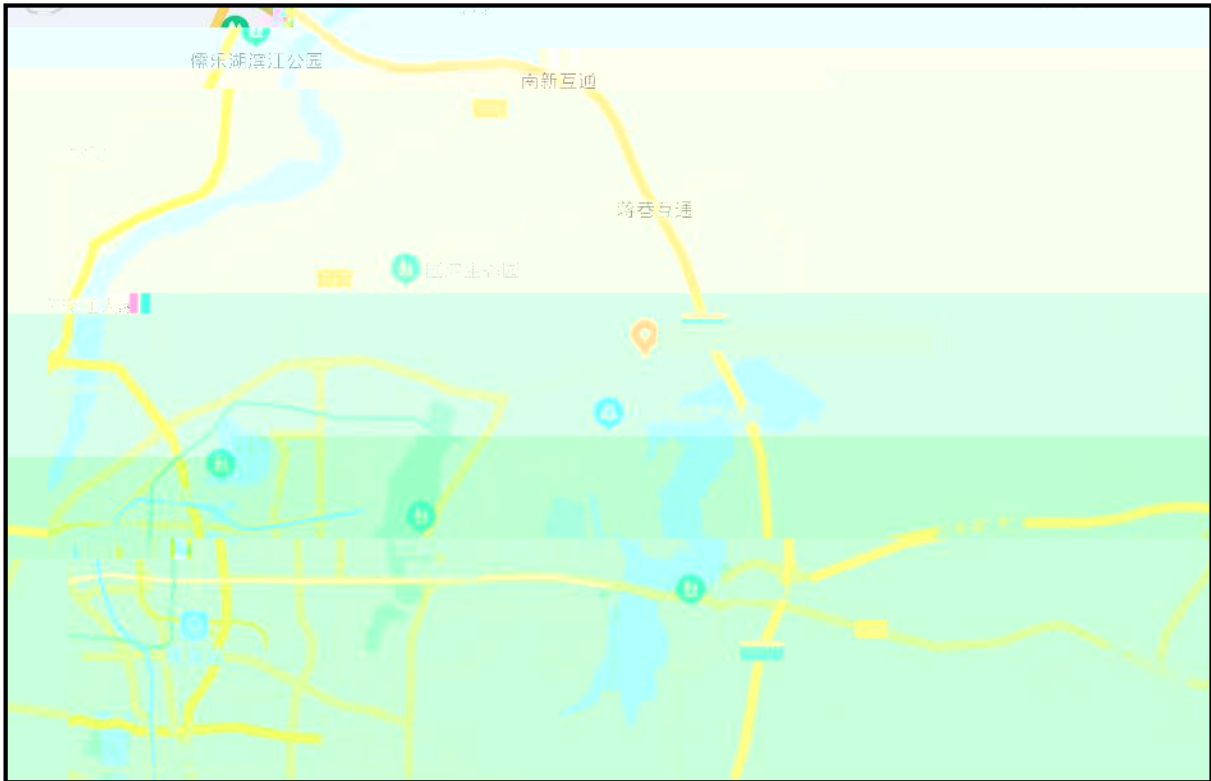
ISO14064-1 2018 GHG Protocol

### 9.

ISO14064-1 2018 GHG Protocol

### 10.

- 1 ISO14064-1 2018 -
- 2 GHG Protocol
- 3 2021
- 4 2006 IPCC Guidelines for National Greenhouse Gas Inventories
- 5
- 6 IPCC 2023 /Ar6-wg1-errata
- 7 2025
- 8 UK Government GHG Conversion Factors for Company Reporting
- 9 SupplyChainGHGEmissionFactors\_v1.3.0\_NAICS\_CO2e
- 10 Ecoinvent  
2025



5#

