

CIeNET

2023 GHG Emissions Report



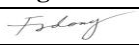

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Revision History

Version	Date	Reason/Content for Change	Changed by
1.0	11/23/2023	First version to disclose CleNET GHG emissions	Nicky Ge
2.0	5/15/2024	Updated version to disclose CleNET GHG emissions for the second year.	Nicky Ge

Document Approval

Name	Title	Signature	Date
Dong Fengjun	COO		11/23/2023
Dong Fengjun	COO		7/4/2024

1 Purpose

There is a direct positive correlation between the increase in the Earth's overall temperature and the emissions of carbon dioxide and other greenhouse gases from human activities. Enterprises are not only the main body of carbon emissions, but also the main body of realizing carbon neutral vision and developing carbon neutral technology and are the backbone of helping China's low-carbon transformation.

As a responsible enterprise, since 2022, CIE NET has focused on the inventory and liquidation of internal GHG emission data and published it on the public platform. CIE NET also set our GHG emission target according to the GHG protocol corporate standard and SBTi framework requirements and formulate corresponding emission reduction policies and actions to fulfill our commitments.

2 Scope

According to the GHG emission standard in the GHG protocol, it is divided into scope1, scope2 and scope3 GHG emissions. CIE NET Technologies (Beijing) Co., Ltd has absolute operational control over the domestic branch, so the other sites and branches carry out the same GHG inventory and accounting procedures as Beijing headquarters.

3 Glossary

Terminology/Acronym	Definition
GHG (Greenhouse gas)	Gaseous components naturally occurring in the atmosphere and produced by human activities capable of absorbing and radiating radiation in the infrared spectrum generated by the Earth's surface, atmosphere, and clouds.
CO ₂ e	Carbon dioxide equivalent: A unit of comparison between the radiation intensity of greenhouse gases and carbon dioxide.

4 GHG Emission Data

The following is the GHG emission data of CIE NET in 2023:

Scope	2022 GHG Emissions Total (tCO ₂ e)	2023 GHG Emissions Total (tCO ₂ e)
Scope1	79.00	72.96
Scope2	1019.51	904.36
Scope3	1513.24	1424.57
Sum	2611.75	2401.89

In 2023, the continuous education and training of employees' awareness of energy conservation and environmental protection, as well as the implementation of a series of energy-saving and emission reduction measures, the total emissions of CIE NET have been reduced by about 210 tCO₂e compared with 2022 from scope 1 to Scope 3, with an annual reduction rate of 8%.

This document only shows the summary data mapped across scope1 to scope3. If you are interested in the details, please contact quality.management@cienet.com.cn for further information.

5 GHG Emission Target

CIeNET commits to reduce 50% absolute GHG emissions by 2030 from a 2022 base year. For detail, the absolute GHG emission reduction of scope 1 and 2 is 10% compared with the base year, while the absolute GHG emission reduction of scope 3 is 40% compared with the base year.

6 CIeNET Take Actions

In accordance with national laws and regulations and customer requirements, we will assume our social responsibility, according to the law of CIeNET's own development, to formulate our scientific carbon targets, and put into practical and effective efforts to create our beautiful, harmonious and green human homeland and continue to struggle:

1. We use virtualization technology, data optimization technology, data deduplication technology, software scheduling, and management technology to improve the utilization efficiency of IT equipment.
2. We purchase equipment with a high energy-efficiency ratio.
3. We advocate for good habits when using electrical appliances to avoid an unconscious waste of power.
4. We use video conferencing instead of unnecessary business trips.
5. We use remote training instead of unnecessary on-spot training.
6. We give priority to equipment made of recycled and renewable materials when purchasing and minimize the purchase of disposable products. Also, priority is given to the local suppliers.
7. We prioritize a place with convenient public transportation when locating a new office.
8. We promote electronic documents and paperless offices and encourage employees to build good habits to make the utmost use of paper.
9. We conduct publicity and provide training to ensure that our employees understand the company's environmental protection policy.
10. We actively involve our suppliers to reduce their GHG emissions.
11. We plan to increase our purchases of renewable energy every year gradually.

7 Reference

- <https://ghgprotocol.org/>
- <https://sciencebasedtargets.org/>
- ghg-protocol
- SBTi-Corporate-Manual
- China product life cycle greenhouse gas emission coefficient database original edition