

CIeNET

2022 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

Document Approval

Name	Title	Signature	Date
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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, CIeNET has focused on the inventory and liquidation of internal GHG emission data and published it on the public platform. CIeNET 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. CIeNET 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 the 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 CIeNET in 2022:

Scope	2022 GHG Emissions Total (tCO ₂ e)
Scope1	79.00
Scope2	1019.51
Scope3	1513.24

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.

6 CLeNET Take Actions

In accordance with national laws and regulations and customer requirements, we will assume our social responsibility, according to the law of CLeNET'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
- 中国产品全生命周期温室气体排放系数库原始版