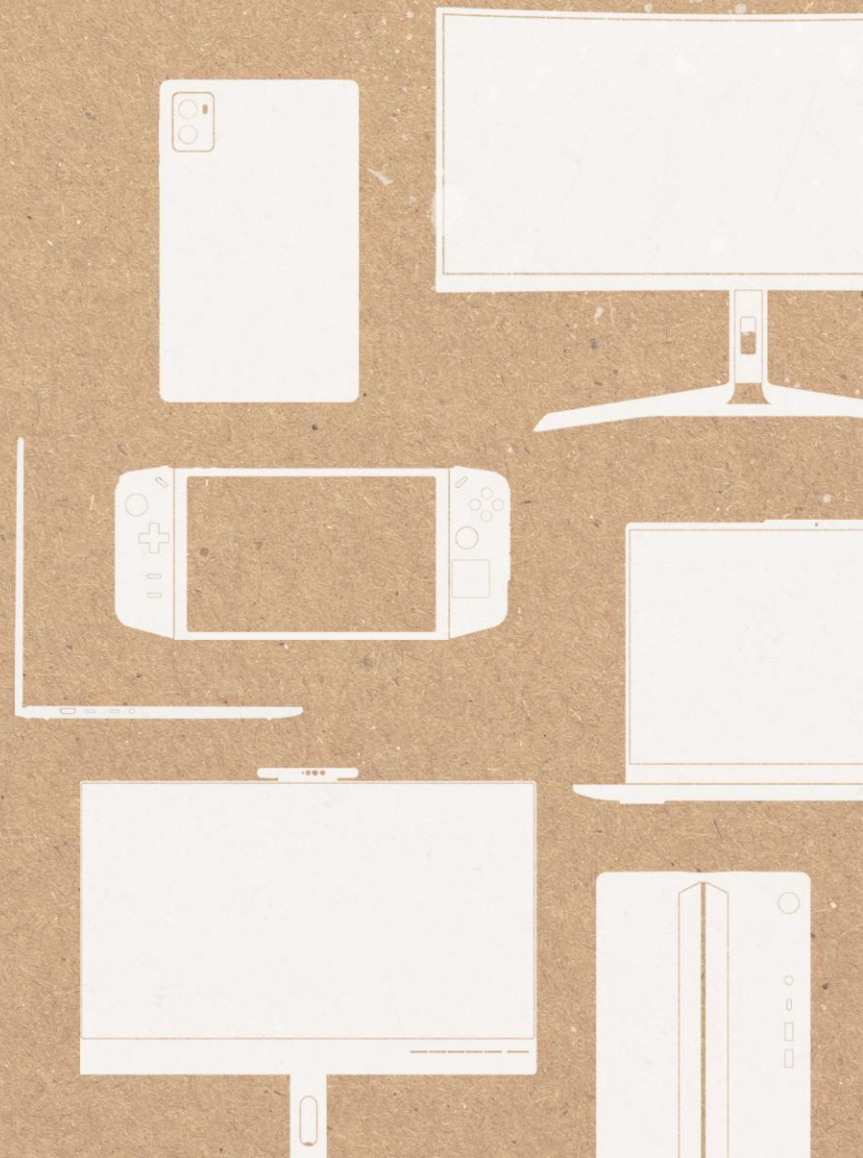
Smarter technology for all

Lenovo

Product Carbon Neutrality Report

For Fiscal Year 2025/26
2026 January



FY 2025/26 Product Carbon Neutrality Report

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1 Introduction

Introduction

This Report aims to provide information on the carbon neutrality of the Lenovo Products advertised as carbon neutral (hereinafter referred to as the "Products") in Fiscal Year 2025/26[1].

The Report will be updated annually[2], in accordance with French Décret n° 2022-539 of 13 April 2022[3] on carbon compensation and carbon neutrality claims in advertisements.

Lenovo declared to achieve carbon neutrality for the estimated sales volume for the Products. The Products' carbon neutrality was certified.

Table 1. Carbon Neutral Products and Specification

Carbon Neutral Products in Fiscal Year 2025/26

Yoga Slim 7 14AGP11

Carbon Neutrality Certification

With accessories of 65W adapter included.

Carbon neutrality certification was issued by TÜV Rheinland Greater China in accordance with ISO 14068-1:2023 *Climate change management -- Transition to net zero -- Part 1: carbon neutrality. Reporting period starts from 2024.*

Carbon Neutral Certified
Based on reduction efforts & carbon offset purchases

Recycled Material

50%Recycled Aluminum alloy on D Cover
60%Recycled Aluminum alloy on keyboard base plate
90% PCC Recycled Plastic used in black 65W Adapter Case
50% PCC Recycled Plastic used in Keyboard Keycap
30% PCC Recycled Plastic used in Battery Pack

Plastic-free Package

100% FSC-certificated Paper used in Carton and Manual

Energy Efficiency

ENERGY STAR® 9.0
Energy measurement is **39%** less than ENERGY STAR requirement

Introduction

Yoga 7 2-in-1 14AGP11

Carbon Neutrality Certification

With accessories of 65W 2Pin adapter included.

Carbon neutrality certification was issued by DEKRA Testing and Certification (Shanghai) Co., Ltd. and Ti Certification (Shanghai) Co., Ltd.in accordance with ISO 14068-1:2023 *Climate change management -- Transition to net zero -- Part 1: carbon neutrality. Reporting period starts from 2024.*

Recycled Material

50% Recycled Aluminum alloy on D Cover
90% PCC Recycled Plastic used in 65W 2Pin Adapter Case
50% PCC Recycled Plastic used in Keyboard Keycap
30% PCC Recycled Plastic used in Battery Pack

Plastic-free Package

100% FSC-certificated Paper used in Carton and Manual

Energy Efficiency

ENERGY STAR® 9.0
Energy measurement is **39%** less than ENERGY STAR requirement

Carbon Neutral Certified
Based on reduction efforts & carbon offset purchases

Carbon Neutral Certified
Based on reduction efforts & carbon offset purchases

Yoga 7 2-in-1 16AGP11

Carbon Neutrality Certification

With accessories of 65W 2Pin adapter included.

Carbon neutrality certification was issued by DEKRA Testing and Certification (Shanghai) Co., Ltd. and TiCertification (Shanghai) Co., Ltd.in accordance with ISO 14068-1:2023 *Climate change management -- Transition to net zero -- Part 1: carbon neutrality. Reporting period starts from 2024.*

Recycled Material

50% Recycled Aluminum alloy on D cover
90% PCC Recycled Plastic used in 65W 2Pin Adapter Case
50% PCC Recycled Plastic used in Keyboard Keycap
30% PCC Recycled Plastic used in Battery Pack

Plastic-free Package

100% FSC-certificated Paper used in Carton and Manual

Energy Efficiency

ENERGY STAR® 9.0
Energy measurement is **47%** less than ENERGY STAR requirement

Introduction

Yoga 7 2-in-1 14IPH11 (for ROW)

YOGA 360 14 IPH11 (for PRC only)

Carbon Neutrality Certification

With accessories of 65W 2Pin adapter included.

Carbon neutrality certification was issued by DEKRA Testing and Certification (Shanghai) Co., Ltd. and Ti Certification (Shanghai) Co., Ltd.in accordance with ISO 14068-1:2023 *Climate change management -- Transition to net zero -- Part 1: carbon neutrality. Reporting period starts from 2024.*

Recycled Material

50% Recycled Aluminum alloy on A Cover only used on Silicone A-cover for Seashell model
50% Recycled Aluminum alloy on D Cover
90% PCC Recycled Plastic used in 65W 2Pin Adapter Case
50% PCC Recycled Plastic used in Keyboard Keycap
30% PCC Recycled Plastic used in Battery Pack

Plastic-free Package

100% FSC-certificated Paper used in Carton and Manual

Energy Efficiency

ENERGY STAR® 9.0
Energy measurement is **43%** less than ENERGY STAR requirement

Yoga 7 2-in-1 16IPH11

Carbon Neutrality Certification

With accessories of 65W 2Pin adapter included.

Carbon neutrality certification was issued by DEKRA Testing and Certification (Shanghai) Co., Ltd. and Ti Certification (Shanghai) Co., Ltd.in accordance with ISO 14068-1:2023 *Climate change management -- Transition to net zero -- Part 1: carbon neutrality. Reporting period starts from 2024.*

Recycled Material

50% Recycled Aluminum alloy on D cover
90% PCC Recycled Plastic used in 65W 2Pin Adapter Case
50% PCC Recycled Plastic used in Keyboard Keycap
30% PCC Recycled Plastic used in Battery Pack

Plastic-free Package

100% FSC-certificated Paper used in Carton and Manual

Energy Efficiency

ENERGY STAR® 9.0
Energy measurement is **44%** less than ENERGY STAR requirement

Introduction

Yoga Slim 7 14IPH11(for ROW)

Lenovo Slim 7 14IPH11 (for NA only)

YOGA Air 14 IPH11 (for PRC only)

Carbon Neutrality Certification

With accessories of 65W adapter included.

Carbon neutrality certification was issued by TÜV Rheinland Greater China in accordance with ISO 14068-1:2023 Climate change management -- Transition to net zero -- Part 1: carbon neutrality. Reporting period starts from 2024.

Recycled Material

50%Recycled Aluminum alloy on D Cover
60%Recycled Aluminum alloy on keyboard base plate
90% PCC Recycled Plastic used in black 65W Adapter Case
50% PCC Recycled Plastic used in Keyboard Keycap
30% PCC Recycled Plastic used in Battery Pack

Plastic-free Package

100% FSC-certificated Paper used in Carton and Manual

Energy Efficiency

ENERGY STAR® 9.0
Energy measurement is **49%** less than ENERGY STAR requirement

Yoga Slim 7 14Q8Y11

Carbon Neutrality Certification

With accessories of 65W adapter included.

Carbon neutrality certification was issued by TÜV Rheinland Greater China in accordance with ISO 14068-1:2023 Climate change management -- Transition to net zero -- Part 1: carbon neutrality. Reporting period starts from 2024.

Recycled Material

50%Recycled Aluminum alloy on D Cover
60%Recycled Aluminum alloy on keyboard base plate
90% PCC Recycled Plastic used in black 65W Adapter Case
50% PCC Recycled Plastic used in Keyboard Keycap
30% PCC Recycled Plastic used in Battery Pack

Plastic-free Package

100% FSC-certificated Paper used in Carton and Manual

Energy Efficiency

ENERGY STAR® 9.0
Energy measurement is **32%** less than ENERGY STAR requirement

Introduction

Yoga Pro 7 15IPH11 (for ROW)

YOGA Pro 15 IPH11 (for PRC only)

Yoga Pro 7 15IPH11 D1 & Yoga Pro 7 15IPH11 D2 (for India only)

Carbon Neutrality Certification

With accessories of 140W 3Pin adapter included.

Carbon neutrality certification was issued by TÜV Rheinland Greater China in accordance with ISO 14068-1:2023 *Climate change management -- Transition to net zero -- Part 1: carbon neutrality. Reporting period starts from 2024.*

Recycled Material

50% Recycled Aluminum alloy on D cover
30% PCC Recycled Plastic used in 140W 3Pin Adapter Case
30% PCC Recycled Plastic used in Woofer Enclosure
50% PCC Recycled Plastic used in Keyboard Keycap
30% PCC Recycled Plastic used in Battery Pack
60% Recycled Aluminum alloy on Keyboard base plate

Plastic-free Package

100% FSC-certificated Paper used in Carton and Manual

Energy Efficiency

ENERGY STAR® 9.0
Energy measurement is **33%** less than ENERGY STAR requirement

Yoga Slim 7 Ultra 14IPH11 (for ROW)

YOGA Air 14 Ultra IPH11 (for PRC only)

Carbon Neutrality Certification

With accessories of 65W adapter included.

Carbon neutrality certification was issued by Bureau Veritas in accordance with ISO 14068-1:2023 Climate change management -- Transition to net zero -- Part 1: carbon neutrality. Reporting period starts from 2024.

Recycled Material

90% Recycled Magnesium alloy on D Cover
60% Recycled Aluminum alloy on Keyboard base plate
50% PCC Recycled Plastic used in Keyboard Keycap
100% Recycled copper on PCB
100% Recycled cobalt on Battery Cell
30% PCC Recycled Plastic used in Battery Pack
90% PCC Recycled Plastic used in black 65W Adapter Case
90% PCC Recycled Plastic used in Tweeter Enclosure
30% PCC Recycled Plastic used in Woofer Enclosure

Plastic-free Package

100% FSC-certificated Paper used in Carton and Manual

Energy Efficiency

ENERGY STAR® 9.0
Energy measurement is **52%** less than ENERGY STAR requirement

2

Product Carbon Footprint

Product Carbon Footprint

Impact assessment for the PCF is analyzed by SimaPro and Ecoinvent Database, following IPCC 2021 GWP 100a method, in accordance with ISO 14067:2018 *Greenhouse Gases – Carbon Footprint of Products – Requirements and Guidelines for Quantification*.

Detailed information of the PCF calculation and carbon reduction methods is provided in Annex 1 and Annex 2.
PCF of previous released products can be found in previous Product Carbon Neutrality Report The Journey to Carbon Neutral Products (lenovo.com).

Table 2. PCF Balance Sheet of the Products

	Yoga Slim 7 14AGP11	Yoga 7 2-in-1 14AGP11	Yoga 7 2-in-1 16AGP11
Products Carbon Footprint	Unit: kg CO_2e/pcs		
Baseline Product Carbon Footprint	125.85	120.58	137.11
Carbon reduction*	3.27	7.84	13.15
Unabated Product Carbon Footprint	122.58	112.74	123.96
Raw Material	71%	66%	67%
Manufacturing	1%	2%	2%
Distribution	2%	7%	9%
Use	24%	23%	20%
End of life	2%	2%	2%
Carbon credits	122.58	112.74	123.96
Net Result	0	0	0

*Carbon reductions are calculated against the baseline scenario as modeled by internal methodology:
1) Using recycled materials. 2) Using renewable electricity for manufacturing. 3) Increasing ratio of low-carbon transport. 4) Reducing the weight of product packaging. 5) Using energy-saving equipment for manufacturing.

Product Carbon Footprint

	Yoga 7 2-in-1 14IPH11	Yoga 7 2-in-1 16IPH11	Yoga Slim 7 14IPH11
Products Carbon Footprint	Unit: kg CO_2e/pcs		
Baseline Product Carbon Footprint	132.43	143.32	129.7
Carbon reduction*	7.19	13.06	5.49
Unabated Product Carbon Footprint	125.24	130.26	124.21
Raw Material	63%	66%	70%
Manufacturing	2%	2%	1%
Distribution	5%	9%	2%
Use	28%	21%	25%
End of life	2%	2%	2%
Carbon credits	125.24	130.26	124.21
Net Result	0	0	0

*Carbon reductions are calculated against the baseline scenario as modeled by internal methodology:
1) Using recycled materials. 2) Using renewable electricity for manufacturing. 3) Increasing ratio of low-carbon transport. 4) Reducing the weight of product packaging.
5) Using energy-saving equipment for manufacturing.

Product Carbon Footprint

	Yoga Slim 7 14Q8Y11	Yoga Pro 7 15IPH11	Yoga Slim 7 Ultra 14IPH11
Products Carbon Footprint	Unit: kg CO_2e/pcs		
Baseline Product Carbon Footprint	126.41	202.13	171.16
Carbon reduction*	5.59	9.71	9.92
Unabated Product Carbon Footprint	120.82	192.42	161.24
Raw Material	71%	68.73%	79%
Manufacturing	1%	0.55%	1%
Distribution	3%	1.63%	1%
Use	23%	27.49%	18%
End of life	2%	1.60%	1%
Carbon credits	120.82	192.42	161.24
Net Result	0	0	0

*Carbon reductions are calculated against the baseline scenario as modeled by internal methodology:

1) Using recycled materials. 2) Using renewable electricity for manufacturing. 3) Increasing ratio of low-carbon transport. 4) Reducing the weight of product packaging. 5) Using energy-saving equipment for manufacturing.

Carbon Reduction

Carbon Reduction

Lenovo recognizes that human activities are contributing to climate change and concurs with the findings of current climate science as described in the latest assessment report from the Intergovernmental Panel on Climate Change (IPCC). Lenovo also recognizes that if left unchecked, current trends in climate change present serious economic and societal risks and agrees that specific actions are needed to stabilize atmospheric Greenhouse Gas (GHG) levels and hold global average temperatures to acceptable increases.

> Lenovo is working both internally and externally to help minimize and mitigate climate risks, and the commitment has been demonstrated by (detailed information can be found in Lenovo Annual Environmental, Social and Governance (ESG) Report):

- **Implementing a corporate Climate and Energy Policy**
- **Executing a long-term comprehensive Climate Change Strategy aligned to validated SBTi net-zero targets**
- **Setting corporate-wide objectives and targets which support the above Policy and Strategy**[4]

Detailed information of Lenovo's carbon reduction path is provided in Annex 2.

4 Offsetting Unabated Emission

Offsetting Unabated Emission

Lenovo has developed a stringent criterion to select carbon crediting programmes for unabated emission of the Products after carbon footprint reduction by environmentally conscious design.

Detailed information of the carbon crediting programmes is provided in Annex 3.

Annex 1

Product Carbon Footprint Evaluation

Annex 1

Product Carbon Footprint Evaluation

This Annex provides detailed information on the scope, functional unit, boundary, emission data and the methodological measures of the PCF.

Lenovo used life cycle assessment (LCA) methodology to perform the PCF calculation.

1.1 Scope

The Products were commercialized as SKUs (stock keeping unit) based on variation in the part configurations. The variation might result in difference in the PCF of different SKUs.
To ensure that Lenovo has fully achieved carbon neutrality for the Products, conservative approaches have been taken for PCF calculation.

1.2 Functional Unit

The PCF method relies on a “functional unit” (FU) for GHG emissions quantification. This Report defines the functional unit as the Products operating for 4 years.

1.3 System Boundaries

The system boundary considered in the PCF calculation was from cradle to grave, and the lifecycle stages included:

- Raw Material
- Manufacturing
- Distribution
- Use
- End of life

1.4 Cut-off Criteria

All inputs and outputs to a process have been included in the calculation for which data is available. The cut-off criteria were set that emission sources estimated to constitute less than 1% of the total PCF might be cut-off, and the total cut-offs constitute less than 5% of the total PCF.

Annex 1

Product Carbon Footprint Evaluation

1.5 Use and End-of-life phases and Associated Process

The Use phase assumed that the Products were used for 4 years by users from different regions. The user region assumption was from sales prediction. The Product energy consumption was tested in accordance with *ENERGY STAR Program Requirements for Computers Version 9.0*.
The data of End-of-life phase was in accordance with *WEEE Directive 2012/19/EU* and *IEC TR 62635*, which included re-use, recycling, incineration and disposal.

1.6 Electricity Consumption Data

The electricity, tap water, natural gas and heat consumption through the lifecycle were considered, and Ecoinvent database was selected for calculation according to region, voltage level and gas pressure.

1.7 Geographical Scope

The Products (including subparts) were manufactured, assembled, distributed and used globally. Country-level or region-level emission factors were selected according to the locations where emissions occurred. When the factors were not available for a specific region or there was no specific location of emission sources, the global averages were selected.

1.8 PCF Result

The PCF is shown in Section 2.

1.9 Verification

All the data sources, calculation modelling, background databases and the PCF have been verified by the certification authority[5] of carbon neutrality.

Annex 2

Carbon Reduction Path

Annex 2

Carbon Reduction Path

In 2020, Lenovo established science-based emissions reduction targets, which were validated by the Science Based Targets initiative (SBTi). Its Scope 1 and 2 emissions reduction targets are consistent with limiting warming to 1.5°C, and its Scope 3 emissions reduction targets meet ambitious criteria according to the SBTi's methodology, which means they are in line with current best practices.

In 2023, Lenovo announced SBTi validated target to reach net-zero GHG emission by 2050. Lenovo's net-zero target is to achieve a 90-percentage reduction across Scope 1, 2 and 3 emissions, and was the first PC and smartphone maker and one of the first 139 companies in the world to establish a net-zero target validated by SBTi[6]. By 2050, the remaining 10% of emissions will be neutralized through carbon capture, reforestation, or other means.

These targets have a base year of Fiscal Year[7] (FY) 2018/19, near-term target year of FY 2029/30, and net-zero target year of FY 2049/50. Lenovo Products are in the scope of above corporate SBTi targets, therefore products in the report will follow corporate strategy on monitoring, tracking, and achieving those targets. The following table details the Company's Science-Based Targets, road maps for their achievement, and progress against the targets in FY 2024/25[8].

Annex 2

Carbon Reduction Path

Table 3. Lenovo Emissions Reduction Targets and Road Map

Lenovo Emissions Reduction Near-Term Targets	Road Map	FY 2029/30 Target
Reduce absolute Scope 1 + Scope 2 GHG emissions (related to Lenovo's operations) by 50%	Hierarchical combination of energy efficiency, on-site renewable energy generation, and renewable energy commodities	- 50%
Reduce Scope 3 GHG emissions (value chain) from use of sold products 35% on average for comparable Products	Reduce product emissions through energy efficiency improvements, engaging customers to use more renewable energy	- 35%
Reduce Scope 3 GHG emissions (supply chain) from procured goods and services 66.5% per million US$ gross profit	• Inclusion of climate change requirements in Supplier Code of Conduct • Supplier climate data collected annually from subset of suppliers • Climate change KPIs included in supplier ESG scorecards (evaluation process) • Expand supplier program to greater number of suppliers/ data capabilities and SBTi level of commitment	- 66.5%
Reduce Scope 3 GHG emissions from global logistics operations by 25% per tonne-km of transported product	• Modal shift to lower carbon modes of transport • Optimization of transport planning • Increase of vehicle utilization • Improvement of vehicle fuel efficiency	- 25%

Lenovo Emissions Reduction Long-Term Targets	Road Map	FY 2049/50 Target
Reduce all GHG emissions by 90% - absolute reduction of Scope 1, 2 and 3 emissions. Neutralize remaining 10% of emissions through carbon capture, reforestation, or other means	Above concepts continue to drive energy efficiency at Lenovo sites and of products, and to expand supplier program.	- 90%

Annex 2

Carbon Reduction Path

The following table shows current Lenovo's GHG emission data in FY 2024/25, compared to the baseline year FY 2018/19.

Table 4. Lenovo Scope 1, 2 and 3 GHG Emission Data

GHG Emissions (metric tons CO2e)	FY2018/19	FY2024/25
Scope 1+2 (market-based)	32,060	18,258
Scope 3	20,432,492	17,731,678

Besides, Lenovo's corporate-wide environmental standards and specifications require its product designers to consider environmentally conscious design practices to facilitate and encourage recycling and minimization of resource consumption.
Product's environmentally conscious design is shown in Section 1.

Annex 3

Offsetting and Carbon Credits

Annex 3

Offsetting and Carbon Credits

Lenovo has developed internal Guidance for Carbon Credits Purchases, including following aspects to ensure the professionalism of suppliers and the integrity and effectiveness of carbon crediting programmes:

- **General requirements as Lenovo supplier**
- **Carbon credit trading experiences**
- **Mature and mainstream crediting mechanisms**
- **Traceability and transparency of carbon credit projects**
- **High-quality and industry-recognized project types**
- **Carbon credit retirement documents**

Annex 3

Offsetting and Carbon Credits

The following table shows the source of carbon credits used in the Products.

Table 5. Carbon Credit Project[9]

Crediting Mechanisms[10]	Project Type	Offset Type	Location	Cost (€/ tCO2)	Year of Retirement
GS	Biogas Electricity	Avoided Emission ACM0010	China	<10	2024, 2025
VCS	Wind Power	Avoided Emission ACM0002	India	<10	2024, 2025
VCS	Wind Power	Avoided Emission ACM0002	China	<10	2024, 2025
GS	Wind Power	Avoided Emission ACM0002	Bursa Turkey	<10	2025, 2026
GS	Biogas Electricity	Avoided Emission ACM0002	China	<10	2025, 2026
VCS	Wind Power	Avoided Emission ACM0002	China	<10	2025, 2026

Lenovo has offset the unabated carbon emissions of the Products using carbon credits mentioned above based on the PCF values, and the carbon offsetting quantity and the retirement ID has been verified by the certification authority[5] of carbon neutrality.

Carbon crediting programmes for previous released products can be found in previous Product Carbon Neutrality Report The Journey to Carbon Neutral Products (lenovo.com).

Glossary

Carbon neutrality:

Referring to ISO 14068-1:2023 Standard for the claim of Carbon Neutrality, is the state of being carbon neutral, i.e. condition in which, during a specified period of time, the carbon footprint has been reduced as a result of greenhouse gas (GHG) emission reductions or GHG removal enhancements and, if greater than zero, is then counterbalanced by offsetting.

Product carbon footprint (PCF):

i.e., carbon footprint of a product, referring to ISO 14067:2018 Greenhouse Gases – Carbon Footprint of Products – Requirements and Guidelines for Quantification, sum of GHG emissions and GHG removals in a product system.

Scope 1 GHG emission :

direct emissions from operations that are owned or controlled by Lenovo.

Scope 2 GHG emission :

indirect emissions from the generation of purchased or acquired electricity, steam, heating or cooling consumed by Lenovo.

Scope 3 GHG emission :

indirect emissions (not included in Scope 2) from Lenovo's upstream and downstream value chain.

1. ISO 14068-1:2023 Climate change management -- Transition to net zero -- Part 1: Carbon neutrality
2. ISO 14067:2018 Greenhouse Gases – Carbon Footprint of Products – Requirements and Guidelines for Quantification
3. ISO 14040:2006 Environmental management — Life cycle assessment — Principles and framework
4. ISO 14044:2006 Environmental management — Life cycle assessment — Requirements and guidelines
5. Lenovo Environmental, Social and Governance Report

FY 2025/26 Product Carbon Neutrality Report

Reference

FY 2025/26 Product Carbon Neutrality Report

Endnotes

[1]Fiscal Year. 2025/26, ie., April 1, 2025 – March 31, 2026

[2]Due to third-party review and translation reasons, the Report may be updated after the new product certified, Lenovo promises to release as soon as possible.

[3]Décret n° 2022-539 du 13 avril 2022 relatif à la compensation carbone et aux allégations de neutralité carbone dans la publicité - Légifrance (legifrance.gouv.fr)

[4]Environment, 2024/25 Environmental, Social and Governance Report

[5]Lenovo's carbon neutral products have been certified by major international certification authorities, including TÜV Rheinland Greater China, Bureau Veritas, DEKRA Testing and Certification (Shanghai) Co., Ltd., Ti Certification (Shanghai) Co., Ltd. and British Standards Institution. Please refer to the product introduction page for specific product certification information.

[6]https://sciencebasedtargets.org/companies-taking-action#dashboard

[7]Fiscal year i.e., April 1 – March 31.

[8]https://www.lenovo.com/content/dam/lenovo/site-design/esg-document-library/global/corp-policies/ghg/Lenovo_Climate-Transition-Plan.pdf

[9]Carbon credit sellers: Lianshengzhida (Hainan) Supply Chain Management Co., LTD; Climate Bridge (Shanghai) Ltd.; and Profit Carbon Environmental Energy Technology (Shanghai) Co., Ltd.

[10] The carbon credits selected by Lenovo are issued from the world's mainstream crediting mechanisms, including GS (Gold Standard), VCS (Verified Carbon Standard), CDM (Clean Development Mechanism) and CCER (Chinese Certified Emission Reduction).

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thanks.

FY 2025/26 Product Carbon Neutrality Report