Welcome to your CDP Climate Change Questionnaire 2021

C0. Introduction

C0.1

(C0.1) Give a general description and introduction to your organization.

Lenovo (HKSE: 992) (ADR: LNVGY) is a US$60 billion revenue Fortune Global 500 company serving customers in 180 markets around the world. Focused on a bold vision to deliver smarter technology for all, we are developing world-changing technologies that power (through devices and infrastructure) and empower (through solutions, services and software) millions of customers every day and together create a more inclusive, trustworthy and sustainable digital society for everyone, everywhere. To find out more visit https://www.lenovo.com and read about the latest news via our StoryHub.

Lenovo is committed to responsible environmental stewardship in our business activities. Lenovo's corporate policy on environmental affairs is supported by the company's ISO 14001:2015 registered global environmental management system, which is key to our efforts to achieve results consistent with environmental leadership and ensures the company is vigilant in protecting the environment across our operations worldwide.

Lenovo recognizes global warming and the challenge of minimizing greenhouse gas (GHG) emissions as the preeminent environmental concern of the day. To demonstrate our commitment to battling climate change and in support of our customers' and stakeholders' commitments to GHG reductions Lenovo has developed a Climate and Energy Policy, implemented a comprehensive Climate Change Strategy, and established corporate-wide Climate Change Objectives and Targets. Lenovo's climate change approach is based on those three corner pillars which can be viewed in detail at Lenovo's Climate Change website: https://www.lenovo.com/us/en/social_responsibility/climate/.

C0.2

(C0.2) State the start and end date of the year for which you are reporting data.

	Start date	End date	Indicate if you are providing emissions data for past reporting years
Reporting year	April 1, 2020	March 31, 2021	No

C0.3

(C0.3) Select the countries/areas for which you will be supplying data.

Argentina
Australia
Austria
Belgium
Brazil
Bulgaria
Canada
Chile
China
Colombia
Croatia
Czechia
Denmark
Egypt
Finland
France
Georgia
Germany
Greece
Hungary
India
Indonesia
Ireland
Israel
Italy
Japan
Kazakhstan
Kenya
Lithuania
Malaysia
Mexico
Morocco
Netherlands
Norway
Peru
Philippines
Poland
Portugal
Republic of Korea
Romania
Russian Federation
Saudi Arabia
Serbia

Singapore
Slovakia
Slovenia
South Africa
Spain
Sweden
Switzerland
Taiwan, Greater China
Thailand
Turkey
Ukraine
United Arab Emirates
United Kingdom of Great Britain and Northern Ireland
United States of America
Venezuela (Bolivarian Republic of)
Viet Nam

C0.4

(C0.4) Select the currency used for all financial information disclosed throughout your response.

USD

C0.5

(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.

Operational control

C1. Governance

C1.1

(C1.1) Is there board-level oversight of climate-related issues within your organization?

Yes

C1.1a

(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.

Position of individual(s)	Please explain

Board Chair	The Stock Exchange of Hong Kong Limited (HKEx) states that the Board has overall responsibility for Lenovo's Environmental, Social and Governance (ESG) strategy and reporting. Measures to adapt to climate change and mitigate its impacts are required KPIs under HKEx's listing rules. As part of the Board's oversight of ESG risks and KPIs, the Chairman of the Board has responsibility for Lenovo's climate strategy and oversight of climate-related issues. Lenovo's Climate and Energy policy is reviewed and approved by Lenovo's Chairman of the Board and Chief Executive Officer (CEO). In addition, the Board is briefed at least annually on Lenovo's climate change mitigation strategy and progress towards our climate change mitigation goals. Due to the importance of climate change topic, it is also included as a section in Lenovo's ESG Report as well as in the Annual Report which is approved by the Board. Ownership (direct responsibility) for Climate Change Strategy and Objectives and Targets lies with Lenovo's Chief Corporate Responsibility Officer who has specific responsibility for climate change related issues at Lenovo and acts in a similar capacity to a Chief Sustainability Officer. Lenovo's Chief Corporate Responsibility Officer reports to our Senior Vice President and Chief Legal Officer, who reports to the CEO. Notable Action: FY 2020/21 marks the first year that Lenovo's Chairman of the Board and CEO signed off on Lenovo's response to CDP climate change.
Chief Executive Officer (CEO)	The Stock Exchange of Hong Kong Limited (HKEx) states that the Board has overall responsibility for Lenovo's Environmental, Social and Governance (ESG) strategy and reporting. Measures to adapt to climate change and mitigate its impacts are required KPIs under HKEx's listing rules. As part of the Board's oversight of ESG risks and KPIs, the Chairman of the Board has responsibility for Lenovo's climate strategy and oversight of climate-related issues. Lenovo's Climate and Energy policy is reviewed and approved by Lenovo's Chairman of the Board and Chief Executive Officer (CEO). In addition, the Board is briefed at least annually on Lenovo's climate change mitigation strategy and progress towards our climate change mitigation goals. Due to the importance of climate change topic, it is also included as a section in Lenovo's ESG Report as well as in the Annual Report which is approved by the Board. Ownership (direct responsibility) for Climate Change Strategy and Objectives and Targets lies with Lenovo's Chief Corporate Responsibility Officer who has specific responsibility for climate change related issues at Lenovo and acts in a similar capacity to a Chief Sustainability Officer. Lenovo's Chief Corporate Responsibility Officer reports to our Senior Vice President and Chief Legal Officer, who reports to the CEO. Notable Action: FY 2020/21 marks the first year that Lenovo's Chairman of the Board and CEO signed off on Lenovo's response to CDP climate change.

C1.1b

(C1.1b) Provide further details on the board's oversight of climate-related issues.

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Please explain
Scheduled – some meetings	Reviewing and guiding strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Monitoring implementation and performance of objectives Monitoring and overseeing progress against goals and targets for addressing climate-related issues	The Board of Directors is briefed at least annually on Lenovo's climate change mitigation efforts (typically twice a year). At least once a year the Board is given an update on risks and opportunities in the ESG area, including climate change. They are also updated on progress towards objectives and targets such as greenhouse gas emissions reductions and progress towards installation of onsite renewable energy projects. When the emissions reduction targets and renewable energy goals were set or further strengthened, the Board was briefed and had the opportunity to provide comments on these goals. The briefings are done by the Chief Corporate Responsibility Officer based on input from the Global Environmental Affairs team and information gathered from business units and sites. In FY 2020/21 the Board was briefed on Lenovo's progress and achievement of the 2020 emissions reduction targets and our strategy for meeting the 30MW goal. Additionally, newly established science-based emission reduction targets for 2030 were presented to the Board in August 2020.

C1.2

(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.

Name of the position(s) and/or committee(s)	Responsibility	Frequency of reporting to the board on climate-related issues
Chief Sustainability Officer (CSO)	Both assessing and managing climate-related risks and opportunities	Half-yearly
Sustainability committee	Both assessing and managing climate-related risks and opportunities	Not reported to the board

C1.2a

(C1.2a) Describe where in the organizational structure this/these position(s) and/or committees lie, what their associated responsibilities are, and how climate-related issues are monitored (do not include the names of individuals).

Lenovo's Chief Corporate Responsibility Officer (CRO; similar to Chief Sustainability Officer) provides executive leadership for Lenovo's environmental, social and governance programs which include climate change direction such as the Climate and Energy Policy, strategy, and our ISO 14001:2015 objectives and targets. Day-to-day management of Lenovo's climate change programs is carried out within the scope of Lenovo's ISO 14001:2015 certified global environmental management system (EMS). The global EMS is owned by the Director of Environmental, Sustainability and Compliance who reports to Lenovo's Chief Corporate Responsibility Officer. Lenovo's EMS requires that the Director of Environmental, Sustainability and Compliance reports environmental updates to Lenovo's Chief Corporate Responsibility Officer at least annually (e.g. ESG report and topics, emissions targets including science-based targets, solar installation, and our ISO 14001:2015 environmental objectives and targets). In practice, real time updates occur with much greater frequency and informal updates frequently occur during bi-weekly 1:1 meetings between the two managers.

Lenovo's Chief Corporate Responsibility Officer monitors climate change programs via these formal and informal updates which can include the status of renewable energy installations, proposals and funding requests for renewable energy projects, the purchase of renewable energy commodities, progress towards EMS objectives and targets, competitive analysis and other topics. Based on these updates, the CRO provides guidance and executive leadership including supporting requests for funding of solar and renewable energy initiatives to Lenovo's finance team, presenting updates to the CEO and Board of Directors on the status of Lenovo's progress towards corporate level goals, etc. Lenovo's CRO presents updates to the CEO and Board of Directors on climate change at least annually. Both the CRO and Director of Environmental, Sustainability and Compliance positions currently reside within Lenovo's global Legal organization. These responsibilities were assigned at these levels because these positions have global corporate level oversight authority covering all geographies and business units.

In addition, from the beginning of FY 2020/21, the newly formed Environmental, Social and Governance (ESG) Executive Oversight Committee (EOC; similar to Sustainability Committee) started providing strategic direction and facilitating the coordination of ESG efforts across the company. The Chair is the Chief Corporate Responsibility Officer who schedules the meetings approximately quarterly and ensures reporting as needed from committee to Lenovo's Executive Committee. Members of the Committee represent organizations such as investor relations, procurement, communications, supply chain, product groups and marketing. The ESG EOC reviews ESG strategy including top level objectives, key initiatives, and risks such as climate change. They monitor emerging trends, impacts and opportunities; recommend initiatives, investments, and disclosures; ensure the strategy appropriately addresses risks and obligations and act as executive champions for Lenovo's ESG culture and values. The climate change strategy, emission reduction goals, science-based targets establishment, renewable

energy project status, net-zero concept, and view on development of net-zero commitments were presented to the Committee in February 2021.

C1.3

(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?

	Provide incentives for the management of climate-related issues	Comment
Row 1	Yes	

C1.3a

(C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).

Entitled to incentive	Type of incentive	Activity inventivized	Comment
Chief Sustainability Officer (CSO)	Monetary reward	Emissions reduction project	In FY 2020/21, Lenovo's Chief Corporate Responsibility Officer (CRO) had one of their KPIs to drive progress in Lenovo's climate change mitigation programs, including emissions reductions targets and supporting projects.
Chief Sustainability Officer (CSO)	Monetary reward	Emissions reduction target	In FY 2020/21, Lenovo's Chief Corporate Responsibility Officer (CRO) had one of their KPIs to drive progress in Lenovo's climate change mitigation programs, including emissions reductions targets and supporting projects.
Other, please specify Individuals with climate responsibilities and KPIs	Monetary reward	Other (please specify) All listed activities	Staff with energy/climate change responsibility have climate change related tasks in their KPIs. These include: Developing and managing Climate and Energy Policy, Strategy and Objectives and Targets. Managing and verifying greenhouse gas emissions. Meeting EMS objectives and targets which include climate change objectives and targets since energy consumption and the associated greenhouse gas emissions are identified as significant environmental aspects. Performance against KPIs is directly tied to variable (bonus) pay which is an important part of employees' compensation.
Other, please specify Individuals with climate responsibilities and KPIs	Non-monetary reward	Other (please specify) All listed activities	Staff with energy/climate change responsibility have climate change related tasks in their KPIs. These include: Developing and managing Climate and Energy Policy, Strategy and Objectives and Targets. Managing and verifying greenhouse gas emissions. Meeting EMS objectives and targets

			which include climate change objectives and targets since energy consumption and the associated greenhouse gas emissions are identified as significant environmental aspects. Performance against KPIs can result in employee awards and recognition at the business unit, site or companywide.

C2. Risks and opportunities

C2.1

(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?

Yes

C2.1a

(C2.1a) How does your organization define short-, medium- and long-term time horizons?

	From (years)	To (years)	Comment
Short-term	0	1	This time horizon aligns with Lenovo's business practice horizons.
Medium-term	1	10	This time horizon aligns with Lenovo's business practice horizons.
Long-term	10	50	This time horizon aligns with Lenovo's business practice horizons.

C2.1b

(C2.1b) How does your organization define substantive financial or strategic impact on your business?

1. Substantive financial or strategic impact on Lenovo business from the Enterprise Risk Management perspective:

Lenovo has internal risk rating criteria that rank risk according to a number of factors including financial. Financial impacts are defined by the overall profitability of the business by assessing financial indicators such as profit, revenue and assets measured. Financial risks are ranked based on total impact (low, moderate, high, or extreme) with defined monetary ranges depending on the magnitude of associated loss in profit, revenue or assets. The two highest financial impact categories as defined by Lenovo's internal risk ranking methodology determine degree of severity and would be considered critical financial impact with the potential to have a substantive impact on Lenovo business at the corporate level.

The risk rating methodology identifies several other impact types such as image, market share, production, people, environment, and compliance that would all be considered strategic impacts. These strategic impacts would likely have associated financial impacts. The indicators for determining their degree of severity are the geographic and temporal scope of publicity, sales, production numbers, injury, death, turnover, scope and reversibility of incidents and penalties. Similar to the financial impacts, the two highest degrees of severity for the aforementioned impact types would be considered a substantive strategic impact on Lenovo business at the corporate level.

In general summary, the identified risks and opportunities by the Enterprise Risk Management process are prioritized by ranking the risks relative to probability and consequence. Consequences are evaluated relative to financial, reputational, production, social, environmental, compliance and market share impacts. Probabilities are evaluated relative to likelihood of almost certain, possible, unlikely, and remote.

2. Substantive financial or strategic impact on Lenovo business from the Significant Environmental Aspect perspective:
Lenovo environmental aspects are rated relative to both their environmental significance and business significance. Environmental significance is rated relative to five environmental risks factors (quantity, area, frequency, severity, and level of control) and business significance is rated relative to three business risks (reputation or stakeholder relationship, compliance, and management focus). The results of these separate rating schemes are combined to produce a total significance rating for each environmental aspect. Aspects with significance scores equal to or above 20 typically are deemed significant environmental aspects from which objectives, targets and management programs including resources are developed.

Lenovo classifies potential substantive financial or strategic impact when identifying and assessing climate-related risks as a significant environmental aspect if it scores 20 or higher in combination of the following risk factors (the higher numeric value for each, the higher risk potential): high quantity of impact, broader area of impact, higher frequency of impact, serious severity of impact, lack of control, international media issue, significant customer interest, regulatory requirements and influence on core business. These significant environmental aspects could have a considerable effect on Lenovo at the corporate level including operational, financial, and strategic effects.

C2.2

(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

Value chain stage(s) covered

Direct operations
Upstream
Downstream

Risk management process

Integrated into multi-disciplinary company-wide risk management process

Frequency of assessment

More than once a year

Time horizon(s) covered

Short-term
Medium-term
Long-term

Description of process

Climate change risks and opportunities are identified and evaluated as part of the scope of two main processes within Lenovo's business management system. These include our global Enterprise Risk Management (ERM) process (further described below) and the annual environmental significant aspect evaluation. These processes are connected, if climate change risks and opportunities are identified in the global ERM risk registration, they are flagged and considered in the environmental aspects' analysis. The converse is also true, if a climate change related issue is identified as part of the environmental aspects analysis, it is rolled up through the business units and functions risk assessment into ERM risk registration processes.

Lenovo's global ERM risk registration process is integrated with annual strategic planning process across the company. ERM champions are appointed in the functions where risk ownership is established.

All Lenovo major business units and functions participate in this risk assessment. Risk champions from every unit and function are responsible for coordinating risk assessment in their part of the company. The ERM team supports and provides guidance to risk champions in carrying out local risk assessment. Risk champions are required to submit their risk rating, risks owners and mitigation action plans to the ERM team. Every risk is assigned a risk owner who is responsible tracking the risk, keeping management informed of status changes relative the risk, and ensuring that adequate attention and resources are applied to the risk. Lenovo's ERM team consolidates the risk input from all business units and functions, and establishes a corporate prioritized risk universe for the use of the audit committee and senior leadership team to have a consistent and complete view of Lenovo's risk exposure.

The global ERM risk registration evaluation includes direct Lenovo operations as well as upstream and downstream value chains. It looks at risks and opportunities from the short-term, mid-term and long-term perspective where appropriate. The global ERM risk registration process is performed at least once every year. If climate-related risks are reported as very high risks, they will be assessed and managed by our mitigation action plans via the global risk registration process twice a year, that is why we selected "more than once a year" in the frequency of assessment.

In addition to the global ERM risk registration process, key business units and functions also conduct risk and opportunity assessment and disclosure processes that are carried out every quarter. Climate change related risks and opportunities may be considered

and reported through these processes (e.g. opportunity to build energy efficiency features in our products). If deemed material, the results of this evaluation could be disclosed externally.

The identified risks and opportunities by the ERM risk registration process are prioritized by ranking the risks relative to probability and consequence. Consequences are evaluated relative to financial, reputational, production, social, environmental, compliance and market share impacts. Probabilities are evaluated relative to likelihood of almost certain, possible, unlikely and remote.

Based on prioritization and severity of consequences, we manage climate-related risks and opportunities as part of our mitigation action plans identified during the ERM risk management process and via our climate change programs established for environmental aspects related to climate change evaluated as our significant environmental aspects. In addition, per the requirements of the Hong Kong Exchange, Lenovo's Board of Directors has overall responsibility for managing Lenovo's environmental, social, and governance risks. As such, Lenovo's Chief Corporate Responsibility Officer at least annually reports to the Board an update on key environmental risks. The climate change topic is included in this update.

CASE STUDY (Physical Risk)
During our risk management processes, we have identified extreme weather as a significant physical risk that needs to have a response plan established to appropriately address potential consequences. Our facilities, security and crisis management teams monitor weather, conduct emergency response drills, and perform training periodically. Effective mitigation action plans related to interruptions due to intense weather events were implemented at facilities located in climate challenged areas. As an example, extreme weather events such as storms, hurricanes, floods, and tornadoes are considered in the emergency response plan and continuity plan documents at our manufacturing site in Monterrey, Mexico. Overall, as a result, our mitigation plans ensure adequate response capability and coverage is in place to protect our employees, customers, assets and investor interests.

CASE STUDY (Transitional Opportunity)
Increasing the energy efficiency and reducing the carbon footprint of Lenovo’s products is a targeted attribute of the Lenovo product development process. We identify energy efficiency as transition opportunity and consider it part of our key environmental objectives and targets. As an example, one of our energy efficiencies tools, the Lenovo Power Manager™ is well known and works in cooperation with the operating system to fine tune the operating efficiency and power consumption of personal computers and server products. This type of energy efficient feature allows us to manage technology climate-related opportunities with less GHG emissions compared to products without this energy efficiency feature. As a result, Lenovo’s historical and continued focus on product energy efficiency provides a positive product differentiator both from a regulatory perspective and for our customers that increasingly value this attribute.

Value chain stage(s) covered

Direct operations
Upstream
Downstream

Risk management process

Integrated into multi-disciplinary company-wide risk management process

Frequency of assessment

Annually

Time horizon(s) covered

Short-term
Medium-term
Long-term

Description of process

Climate change risks and opportunities are identified and evaluated as part of the scope of two main processes within Lenovo's business management system. These include our global Enterprise Risk Management (ERM) process and the annual environmental significant aspect evaluation (further described below). These processes are connected, if climate change risks and opportunities are identified in the global ERM risk registration, they are flagged and considered in the environmental aspects' analysis. The converse is also true, if a climate change related issue is identified as part of the environmental aspects analysis, it is rolled up through the business units and functions risk assessment into ERM risk registration processes.

The environmental significant aspect evaluation is a risk and opportunity based environmental management planning process that considers the context of Lenovo's global organization, needs and expectations of interested parties, global environmental aspects and compliance obligations and global materiality assessment. The planning process starts by identifying processes that interact with the environment and assessing environmental risks and opportunities and their impacts. After collecting this information from business groups, worldwide locations, and supply chain areas in the scope of Lenovo's environmental management system (EMS), the Global Environmental Affairs team issues a register of global environmental aspects, significant environmental aspects, associated impacts, risks, and opportunities. After that the focus of the organization’s environmental planning is to identify and implement actions which ensure control and continuous improvement relative to Lenovo’s significant environmental aspects, compliance obligations and environmental risks and opportunities. Plans are documented to assure implementation activities are integrated into the EMS and business processes. The effectiveness of implemented actions must be periodically evaluated. Lenovo environmental planning takes into consideration market conditions, available technological options, financial, operational, and business requirements, and other factors affecting the business case.

The global annual environmental significant aspect evaluation includes direct Lenovo operations as well as upstream and downstream value chains. It looks at risks and

opportunities from the short-term, mid-term and long-term perspective where appropriate.

The environmental aspects and identified risk and opportunities by the environmental significant aspect evaluation are prioritized based on their environmental significance and business significance. Environmental significance is rated relative to five environmental risks factors (quantity, area, frequency, severity, and level of control) and business significance is rated relative to three business risks (reputation or stakeholder relationship, compliance, and management focus). The results of these separate rating schemes are combined to produce a total significance rating for each environmental aspect for which objectives, targets and management programs including resources are developed and executed.

Based on prioritization and severity of consequences, we manage climate-related risks and opportunities as part of our mitigation action plans identified during the ERM risk management process and via our climate change programs established for environmental aspects related to climate change evaluated as our significant environmental aspects. In addition, per the requirements of the Hong Kong Exchange, Lenovo's Board of Directors has overall responsibility for managing Lenovo's environmental, social, and governance risks. As such, Lenovo's Chief Corporate Responsibility Officer at least annually reports to the Board an update on key environmental risks. The climate change topic is included in this update.

Additionally, environmental opportunities related to climate are being identified during Lenovo's product development process, site operations and supply chain management. Our teams look for new opportunities that can be evaluated and implemented such as new energy features in our products to comply with product efficiency regulations and standards, labelling products with product carbon footprint information to satisfy consumer preferences or using more efficient distribution channels via proximity to suppliers.

CASE STUDY (Physical Risk)
During our risk management processes, we have identified extreme weather as a significant physical risk that needs to have a response plan established to appropriately address potential consequences. Our facilities, security and crisis management teams monitor weather, conduct emergency response drills, and perform training periodically. Effective mitigation action plans related to interruptions due to intense weather events were implemented at facilities located in climate challenged areas. As an example, extreme weather events such as storms, hurricanes, floods, and tornadoes are considered in the emergency response plan and continuity plan documents at our manufacturing site in Monterrey, Mexico. Overall, as a result, our mitigation plans ensure adequate response capability and coverage is in place to protect our employees, customers, assets and investor interests.

CASE STUDY (Transitional Opportunity)
Increasing the energy efficiency and reducing the carbon footprint of Lenovo’s products is a targeted attribute of the Lenovo product development process. We identify energy

efficiency as transition opportunity and consider it part of our key environmental objectives and targets. As an example, one of our energy efficiencies tools, the Lenovo Power Manager™ is well known and works in cooperation with the operating system to fine tune the operating efficiency and power consumption of personal computers and server products. This type of energy efficient feature allows us to manage technology climate-related opportunities with less GHG emissions compared to products without this energy efficiency feature. As a result, Lenovo's historical and continued focus on product energy efficiency provides a positive product differentiator both from a regulatory perspective and for our customers that increasingly value this attribute.

C2.2a

(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	Compliance to current regulations is always included as part of risk consideration either through our Enterprise Risk Management evaluation, Environmental Management System evaluation or business units/functions evaluations. The regulation/compliance category is one of the relevant risk factors included in the risk ranking methodologies because it can have significant impacts on Lenovo's business. As an example of this risk type, Lenovo is a part of Beijing pilot ETS and Lenovo's sites in Beijing and Shenzhen are considered significant carbon emitters. Lenovo is closely monitoring other provinces where this pilot program has been imposed since Lenovo sites in Shanghai, Huiyang, Xiamen, Chengdu, and Wuhan could be impacted in the future. Overall as a technology provider, we always consider the climate-related risk of current regulation associated with Lenovo products, such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem, in our climate-related risk assessments.
Emerging regulation	Relevant, always included	Compliance to emerging regulations is always included as part of risk consideration either through our Enterprise Risk Management evaluation, Environmental Management System evaluation or business units/functions evaluations. The regulation/compliance category is one of the relevant risk factors included in the risk ranking methodologies because it can have significant impacts on Lenovo's business. As an example of this risk type, Lenovo monitors closely emerging product labelling regulations and standards such as low carbon products labels or product carbon footprint marks that could impact Lenovo products, such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.

Technology	Relevant, always included	Technology is always included as part of risk consideration either through our Enterprise Risk Management evaluation, Environmental Management System evaluation or business units/functions evaluations. Technology is one of the relevant risk factors included either directly or indirectly in the risk ranking methodologies because it can have significant impacts on Lenovo's business. An example of this risk type would be considering what types of products our customers may want as climate change considerations and energy prices become more important factors in their decision making. Examples of technologies that are responsive to that risk include our low temperature solder innovation that has been implemented on ThinkPad notebook and other notebook lines and our warm water-cooled servers offered as part of our ThinkSystem portfolio of products.
Legal	Relevant, always included	Legal risks are always included as part of risk consideration either through our Enterprise Risk Management evaluation, Environmental Management System evaluation or business units/functions evaluations. The legal category is one of the relevant risk factors included in the risk ranking methodologies because it can have significant impacts on Lenovo's business. As an example of this risk type, potential customer claims are monitored closely because they could impact Lenovo products, such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem and might expose Lenovo to potential litigation such as breach of contract associated with climate change commitments or failure to deliver products and services due to extreme weather events.
Market	Relevant, always included	Customers' expectations and needs are always included as part of risk consideration either through our Enterprise Risk Management evaluation, Environmental Management System evaluation or business units/functions evaluations. The market/customers/stakeholders category is one of the relevant risk factors included in the risk ranking methodologies because it can have significant impacts on Lenovo's business. As an example of this risk type, Lenovo monitors changing consumer behavior towards low carbon products that could impact product demand, pricing and consumer spending for Lenovo products, such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.
Reputation	Relevant, always included	Reputation is always included as part of risk consideration either through our Enterprise Risk Management evaluation, Environmental Management System evaluation or business units/functions evaluations. The reputation category is one of the relevant risk factors included in the risk ranking methodologies because it can have significant impacts on Lenovo's business.

		As an example of this risk type, if Lenovo didn't take actions towards mitigating climate change impacts, we would not be perceived as a good corporate citizen and that could lead to reputation damage in the form of impacting our business image as well as our ability to sell products such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.
Acute physical	Relevant, always included	Acute physical climate change is always included as part of risk consideration either through our Enterprise Risk Management evaluation, Environmental Management System evaluation or business units/functions evaluations. The acute physical category is one of the relevant risk factors included in the risk ranking methodologies because it can have significant impacts on Lenovo's business. As an example, Lenovo considers reversible or irreversible environmental incidents such as tropical cyclones, hurricanes and typhoons that could impact manufacturing, distribution and transportation of Lenovo products such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.
Chronic physical	Relevant, always included	Changes in chronic physical climate change are always included as part of risk consideration either through our Enterprise Risk Management evaluation, Environmental Management System evaluation or business units/functions evaluations. The chronic physical category is one of the relevant risk factors included in the risk ranking methodologies because it can have significant impacts on Lenovo's business. As an example, Lenovo considers reversible or irreversible environmental incidents such as sea level rise, changes in precipitation patterns and extreme variability in weather patterns that could impact manufacturing, distribution and transportation of Lenovo products such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.

C2.3

(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.3a

(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Risk 1

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Emerging regulation

Mandates on and regulation of existing products and services

Primary potential financial impact

Increased indirect (operating) costs

Company-specific description

Lenovo considers there to be risk with the promulgation of legislation requiring carbon labelling of products. Of concern is the absence of an international standard for compiling such information and the challenge presented to developing a meaningful and efficient reporting protocol. Also, of concern relative to required carbon labelling are the increased operating costs they will drive if each single Lenovo product such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem would need to have a product carbon footprint (PCF) number. There are significant costs associated with completing a full carbon life cycle analysis for all product offerings.

Time horizon

Short-term

Likelihood

Virtually certain

Magnitude of impact

Medium

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

1,000,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Promulgation of regulations requiring manufacturers to report a product carbon footprint compiled using a full carbon life cycle analysis has the potential to cost Lenovo $1 million annually. Lenovo estimates the cost of establishing the PCF for a single new offering to be $20,000.

Cost of response to risk

35,000

Description of response and explanation of cost calculation

Lenovo's management of regulatory risk begins with a comprehensive program to monitor developing regulations globally. Relevant regulations are tracked from development through promulgation. In cases where Lenovo has expertise in the regulatory area we will engage directly or through trade associations in the development process. For example, Lenovo participates in the Product Attribute Impact Algorithm (PAIA) project. The PAIA project is developing and maintaining life cycle methodologies which compile the PCF through a streamlined process with a known confidence level. Lenovo is also engaging in the development of voluntary and regulatory PCF standards. Lenovo has participated either directly or through the PAIA project in standards development work with WRI/WBCSD, the EU and the Ministry of Industry and Information Technology of the People's Republic of China.

Lenovo estimates costs associated with the continued participation in the PAIA project will be approximately $35,000 annually.

Comment

N/A

Identifier

Risk 2

Where in the value chain does the risk driver occur?

Upstream

Risk type & Primary climate-related risk driver

Current regulation
Carbon pricing mechanisms

Primary potential financial impact

Increased indirect (operating) costs

Company-specific description

Lenovo identifies financial risks associated with the impact of carbon taxes on carbon-based fuel and carbon offset prices and operational costs. The Beijing pilot ETS carbon trade program implemented in several Chinese provinces directly impacted our Beijing and Shenzhen operations and have the potential to impact 5 other Lenovo facilities.

Time horizon

Short-term

Likelihood

Virtually certain

Magnitude of impact

Medium-high

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

51,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Costs for meeting required emissions reductions in Beijing are estimated around $51,000 for FY 2020/21. We expect increasing annual costs. The proposed carbon price acts around the world could significantly impact the costs of meeting our emissions reduction commitment. Lenovo estimated the potential costs to reduce operational emissions through the purchase of renewable energy commodities and carbon offsets to be approximately between $5-25 million in next 10 years. If the proposed carbon pricing is implemented, our costs could increase by more than 100 fold.

Cost of response to risk

53,000,000

Description of response and explanation of cost calculation

Lenovo continues to monitor the development of climate and carbon related regulation globally.

Lenovo has a Climate and Energy policy and climate strategy in place and is working on reducing our emissions globally as well as at our Beijing sites that are under the Beijing pilot ETS carbon trade program. Primary activities in support of this program include: having an energy management council in China, establishing a comprehensive energy/carbon system for Beijing sites including energy efficiency and renewable project identification and implementation (e.g., optimizing equipment control systems, installing solar hot water systems), implementing energy verification and energy management audit and purchasing carbon allowances if needed.

Lenovo plans to meet its operational emissions reduction target through installation of onsite renewable energy generation capacity, entering into renewable energy power purchase agreements and the purchase of renewable energy commodities. Our target for renewable energy capacity is 30MW which is valued at approximately $53 million. The balance of emissions reduction will be accomplished through the purchase of renewable energy commodities which we are currently estimating could cost on average between $100,000-$500,000 per year over the next 5 years.

Comment

N/A

Identifier

Risk 3

Where in the value chain does the risk driver occur?

Downstream

Risk type & Primary climate-related risk driver

Current regulation

Mandates on and regulation of existing products and services

Primary potential financial impact

Increased indirect (operating) costs

Company-specific description

Lenovo identifies financial and reputational risks associated with the uncertainty around environmental regulations and voluntary requirements, including requirements related to managing, tracking, reporting, and verifying GHG emissions. Monitoring new requirements, managing, and implementing programs to manage to the new requirements and externally verifying and reporting places increased stress on existing resources and may drive additional expense. As Lenovo's product lines such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem and our physical footprint expands, these risks and stresses are growing.

Time horizon

Medium-term

Likelihood

Likely

Magnitude of impact

Medium-high

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Administrative and personnel costs to support Lenovo's global compliance assurance programs and related regulatory programs and fees are substantial and expected to grow with increasing regulations in the environmental and carbon emissions reporting area. Increases both in regulatory burdens, as well as in regulatory uncertainty place increased burden on Lenovo's existing compliance programs. As Lenovo's commitments grow, such as for carbon emissions reductions and use of renewable energy, so should our investments in this area. It is expected that this will increase by at least 10% per year.

Cost of response to risk

0

Description of response and explanation of cost calculation

This risk is currently managed by the use of internal personnel and consultants to monitor developing regulations globally. To ensure compliance with reporting requirements and data quality, Lenovo reported data is verified by a third party.

Lenovo does not externally report these costs of management.

Comment

N/A

Identifier

Risk 4

Where in the value chain does the risk driver occur?

Upstream

Risk type & Primary climate-related risk driver

Chronic physical

Rising sea levels

Primary potential financial impact

Decreased revenues due to reduced production capacity

Company-specific description

Lenovo identifies risks associated with rise in sea level and the associated increase in coastal and lowland flooding. We assessed our supplier locations with WRI Aqueduct and WWF Water Risk Filter with focus on baseline water stress, flooding, drought, and seasonal variability indicators. The greatest climate/water related risk to our suppliers is flooding, which could increase with climate change and sea level rise. Such changes have the potential to impact Lenovo suppliers and their ability to supply materials and product components for our products such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.

Time horizon

Medium-term

Likelihood

Likely

Magnitude of impact

High

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

An estimate of the potential financial impacts of sea level rise is not available. However, we believe that this risk has a potential to have high financial implications and we expect it will increase over time.

Cost of response to risk

110,000

Description of response and explanation of cost calculation

Lenovo's manages this risk through an emergency preparedness and response planning program. The program establishes plans, processes, and procedures to identify, mitigate, respond to and recover from risks associated with such events. Even in light of increasing risks Lenovo believes the infrastructure and processes in place are adequate to address these risks with the exercise of due diligence and proper planning. Lenovo periodically reviews and updates its emergency preparedness and response and business interruption strategies, programs, and procedures.

Lenovo's product and component supply is protected by sourcing individual commodities to multiple suppliers and avoiding single sources. These suppliers typically have multiple manufacturing locations as well. Furthermore, Lenovo's suppliers are contractually required to have Disaster Recovery Plans. Their preparedness for natural disasters including climate change related ones are reviewed and audited by Lenovo's procurement teams. Finally, Lenovo works closely with its suppliers on the supply/demand management process to ensure needed volumes of supply materials and components are known ahead of time which minimizes supply interruptions in case of severe climate change events.

Specifically, Lenovo estimates that we spend in excess of $110,000 per year to maintain, test and update our emergency preparedness and response and business interruption strategies, programs and procedures at our manufacturing sites.

Comment

N/A

Identifier

Risk 5

Where in the value chain does the risk driver occur?

Upstream

Risk type & Primary climate-related risk driver

Acute physical

Increased severity and frequency of extreme weather events such as cyclones and floods

Primary potential financial impact

Decreased revenues due to reduced production capacity

Company-specific description

Lenovo identifies risks associated with an increase in the number and/or the intensity of tropical cyclones and flooding. We assessed our supplier locations with WRI Aqueduct and WWF Water Risk Filter with focus on baseline water stress, flooding, drought, and seasonal variability indicators. The greatest climate/water related risk to our suppliers is flooding which could increase with climate change and sea level rise The location of some of Lenovo's suppliers' facilities exposes them to potential transportation, utilities and service interruptions that are associated with these changes. This risk has the potential to impact Lenovo’s suppliers’ ability to supply materials and components for our products such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.

Time horizon

Short-term

Likelihood

Virtually certain

Magnitude of impact

High

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

An estimate of the potential financial impacts of an increase in the number or intensity of tropical cyclones has not been calculated. However, we believe that this risk has a potential to have high financial implications and we expect it will increase over time.

Cost of response to risk

110,000

Description of response and explanation of cost calculation

Lenovo’s manages this risk through an emergency preparedness and response planning program. The program establishes plans, processes, and procedures to

identify, mitigate, respond to and recover from risks associated with such events. Even in light of increasing risks Lenovo believes the infrastructure and processes in place are adequate to address these risks with the exercise of due diligence and proper planning. Lenovo periodically reviews and updates its emergency preparedness and response and business interruption strategies, programs, and procedures.

Lenovo's product and component supply is protected by sourcing individual commodities to multiple suppliers and avoiding single sources. These suppliers typically have multiple manufacturing locations as well. Furthermore, Lenovo's suppliers are contractually required to have Disaster Recovery Plans. Their preparedness for natural disasters including climate change related ones are reviewed and audited by Lenovo's procurement teams. Finally, Lenovo works closely with its suppliers on the supply/demand management process to ensure needed volumes of supply materials and components are known ahead of time which minimizes supply interruptions in case of severe climate change events.

Specifically, Lenovo estimates that we spend in excess of $110,000 per year to maintain, test and update our emergency preparedness and response and business interruption strategies, programs and procedures at our manufacturing sites.

Comment

N/A

Identifier

Risk 6

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Chronic physical

Changes in precipitation patterns and extreme variability in weather patterns

Primary potential financial impact

Increased indirect (operating) costs

Company-specific description

Lenovo recognizes risks associated with the impact of more frequent and more severe climatic events for our locations in the climate-challenged areas. We assessed our operations with WRI Aqueduct and WWF Water Risk Filter with focus on baseline water stress, flooding, drought, and seasonal variability indicators. Some of our sites are in the extremely high category for baseline water stress and seasonal variability and many of our sites will have a medium risk of change in occurrence of flooding and drought with global temperature increase. Lenovo anticipates continuing increases in insurance costs as a result of these events.

Time horizon

Short-term

Likelihood

Virtually certain

Magnitude of impact

Medium-low

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Estimates of the potential financial impacts of these events on insurance costs are not available. However, we believe that this risk has a potential to have moderate financial implications and we expect it will increase over time.

Cost of response to risk

5,000,000

Description of response and explanation of cost calculation

Lenovo recognizes the potential for climate change impacts to place continued upward pressure on insurance costs and thus, the cost of doing business. The company continues to work with underwriters to minimize related costs by proactively identifying potential risks, designing and implementing effective mitigation plans and ensuring adequate response capability and coverage are in place to protect our employees, customers, assets and investors. Lenovo spends over $5 million on fixed assets insurance.

Comment

N/A

Identifier

Risk 7

Where in the value chain does the risk driver occur?

Downstream

Risk type & Primary climate-related risk driver

Reputation
Increased stakeholder concern or negative stakeholder feedback

Primary potential financial impact
Decreased revenues due to reduced demand for products and services

Company-specific description
Lenovo recognizes reputational risk associated with being perceived as not managing and reducing its climate change impacts. Such perception could negatively impact the company's relationships with both enterprise and transactional customers, investors and ultimately product sales of ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.

Lenovo does not externally publish names of specific stakeholders who provided concerns or negative feedback.

Time horizon
Short-term

Likelihood
Virtually certain

Magnitude of impact
Medium-high

Are you able to provide a potential financial impact figure?
Yes, a single figure estimate

Potential financial impact figure (currency)
60,742,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure
It is estimated that a 0.1% drop in sales created by the perception Lenovo was not effectively managing its climate impacts would have cost the company in excess of $60,742,000 during FY 2020/21.

Cost of response to risk
0

Description of response and explanation of cost calculation
We have taken numerous actions to address this risk. Lenovo implemented a Climate and Energy Policy and climate strategy. We established a GHG emissions reduction plan as well as product and supply chain climate related objectives and targets. Lenovo responds to requests for information on our climate change work directly as well as publishing regularly updated climate change information on its external website. Climate change information is also communicated in our Annual and Environmental, Social and

Governance Reports. We have our GHG inventory externally verified annually.

The total costs associated with all of these activities have not been quantified. The costs of external verification are estimated to be $30,000 per year.

Comment

N/A

Identifier

Risk 8

Where in the value chain does the risk driver occur?

Downstream

Risk type & Primary climate-related risk driver

Reputation
Increased stakeholder concern or negative stakeholder feedback

Primary potential financial impact

Decreased access to capital

Company-specific description

Lenovo recognizes reputational risk associated with being perceived as not managing and reducing its climate change impacts. Such perception could negatively impact the company's ability to raise capital and ultimately product sales of ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.

Lenovo does not externally publish names of specific stakeholders who provided concerns or negative feedback.

Time horizon

Short-term

Likelihood

Virtually certain

Magnitude of impact

Medium-high

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Estimates of the potential impacts of being perceived as not managing and reducing its climate change impacts are not available. However, we believe that this risk has a potential to have high financial implications and we expect it will increase over time.

Cost of response to risk

0

Description of response and explanation of cost calculation

We have taken numerous actions to address this risk. Lenovo implemented a Climate and Energy Policy and climate strategy. We established a GHG emissions reduction plan as well as product and supply chain climate related objectives and targets. Lenovo responds to requests for information on our climate change work directly as well as publishing regularly updated climate change information on its external website. Climate change information is also communicated in our Annual and Environmental, Social and Governance Reports. We have our GHG inventory externally verified annually.

The total costs associated with all of these activities have not been quantified. The costs of external verification are estimated to be $30,000 per year.

Comment

N/A

Identifier

Risk 9

Where in the value chain does the risk driver occur?

Downstream

Risk type & Primary climate-related risk driver

Market

Changing customer behavior

Primary potential financial impact

Decreased revenues due to reduced demand for products and services

Company-specific description

Lenovo recognizes risks associated with climate related impacts on consumer purchasing habits. The broad-based economic impacts of climate change on product demand, pricing and consumer spending have the potential to impact Lenovo product sales such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.

Time horizon

Medium-term

Likelihood

Virtually certain

Magnitude of impact
Medium-high

Are you able to provide a potential financial impact figure?
Yes, a single figure estimate

Potential financial impact figure (currency)
60,742,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure
It is estimated that a 0.1% drop in sales caused by a shift in consumer's purchasing behavior (e.g., depressed sales due to the impact of increased energy costs on product pricing and reduced consumer expendable income) would have cost the company in excess of $60,742,000 during FY 2020/21.

Cost of response to risk
1,454,000,000

Description of response and explanation of cost calculation
Lenovo has research and development labs in China, Germany, Japan, Taiwan, and the United States. Lenovo's customer focus helps us develop new products at these locations that are in tune with the changing demands of the marketplace. A development process that recognizes energy efficiency as a primary product attribute drives the development of energy efficient products complying with worldwide standards and certifications (e.g., ENERGY STAR®, EPEAT, UL Environment, GREENGUARD, Nordic Swan, EMCA-370 or TCO Certification).

During FY 2020/21 Lenovo invested $1,454 million in product research and development.

Comment
N/A

Identifier
Risk 10

Where in the value chain does the risk driver occur?
Direct operations

Risk type & Primary climate-related risk driver
Technology
Transitioning to lower emissions technology

Primary potential financial impact

Decreased revenues due to reduced demand for products and services

Company-specific description

Lenovo recognizes there is a risk to Lenovo's long-term success associated with not transitioning to lower emissions technologies. The broad-based economic impacts of climate change on product demand, pricing and consumer spending have the potential to impact Lenovo product sales such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.

Time horizon

Short-term

Likelihood

Virtually certain

Magnitude of impact

High

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

60,742,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

If Lenovo’s technology did not keep up with increasing expectations for emissions and energy efficiency technology, it is estimated that it could result in a 0.1% drop in sales. This impact could also be the result of increased energy costs on product pricing and reduced consumer expendable income. This could have cost the company in excess of $60,742,000 during FY 2020/21.

Cost of response to risk

1,454,000,000

Description of response and explanation of cost calculation

Lenovo has research and development labs in China, Germany, Japan, Taiwan, and the United States. Lenovo's customer focus helps us develop new products at these locations that are in tune with the changing demands of the marketplace and technology innovations to develop low emissions solutions.

During FY 2020/21 Lenovo invested $1,454 million in product research and development.

Comment

N/A

C2.4

(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.4a

(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Opp1

Where in the value chain does the opportunity occur?

Downstream

Opportunity type

Products and services

Primary climate-related opportunity driver

Development and/or expansion of low emission goods and services

Primary potential financial impact

Increased revenues resulting from increased demand for products and services

Company-specific description

Lenovo recognizes opportunity in changes to product efficiency regulations and standards driven by climate aspects. Lenovo expects that more regulations on energy efficiency will be developed worldwide because more countries realize the fact that climate change is real, and actions need to be taken to mitigate it. Lenovo's historical and continued focus on product and operations energy efficiency provides a positive product differentiator in a regulatory environment that increasingly values these attributes. Lenovo offers a full complement of ENERGY STAR® qualified notebooks (~98% of all notebook platforms), desktops (~97% of all desktop platforms), workstations (~98% of all workstation platform), monitors (~90% of all monitors), and servers (~90% of all server platforms). Also, U.S. EPA recognized 26 Lenovo monitors among its ENERGY STAR® Most Efficient designation during FY 2020/21.

Time horizon

Short-term

Likelihood

About as likely as not

Magnitude of impact

High

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

60,742,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Based upon FY 2020/21 earnings it is estimated that the potential financial impact of changes in energy efficiency requirements that created a sales advantage for Lenovo products that led to a 0.1% increase in sales would increase Lenovo revenues by approximately $60,742,000 annually.

Cost to realize opportunity

11,000,000

Strategy to realize opportunity and explanation of cost calculation

Energy efficiency is a targeted attribute of the Lenovo product development process. Improvements in product energy efficiency are consistently part of our key environmental objectives and targets. We recognize the opportunity of our strong product energy efficiency with lower emission footprint and offer a full complement of ENERGY STAR® qualified products, including ThinkPad, IdeaPad, Yoga, Legion and ThinkSystem. Select Lenovo newly released ENERGY STAR® qualified desktop and notebook platforms and monitors exceed the current applicable ENERGY STAR® power consumption requirements (by 25% to +60%). All Lenovo Class A external power adapters meet and exceed US (e.g. Dept of Energy, California Appliance Efficiency Program, etc.) and worldwide (EU ErP, Australia MEPS, etc.) energy efficiency requirements. All Lenovo external power supplies achieve Level V rating on the International Efficiency Marking Protocol for External Power Supplies. Lenovo also continues to investigate and implement design changes which improve both overall and operating efficiencies for newly released power adapters. Additionally, Lenovo offers EPEAT Gold and Silver rated products and has many TCO and TCO Edge Certified notebooks, displays, all-in-one and desktops.

The costs associated with realization of this opportunity in terms of eco labels are approximately $11 million. This figure includes costs for EPEAT, ENERGY STAR®, TCO, CECP, CEL and CELP label certifications along with other miscellaneous product certifications.

Comment

N/A

Identifier

Opp2

Where in the value chain does the opportunity occur?

Downstream

Opportunity type

Products and services

Primary climate-related opportunity driver

Development and/or expansion of low emission goods and services

Primary potential financial impact

Increased revenues resulting from increased demand for products and services

Company-specific description

Lenovo recognizes opportunity in requirements for products to be labelled with product carbon footprint information. Around the world product carbon footprint methodologies have started to be launched.

Lenovo Product Carbon Footprint Information Sheets for some of our existing products and all new products including ThinkPad, IdeaPad, Yoga, Legion and ThinkSystem released after July 2015 are available on Lenovo's external website

Time horizon

Medium-term

Likelihood

About as likely as not

Magnitude of impact

Medium-high

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

60,742,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Based upon FY 2020/21 earnings it is estimated that the potential financial impact of offering products with a lower carbon footprint that created a sales advantage for Lenovo products that led to a 0.1% increase in sales would increase Lenovo revenues by approximately $60,742,000 annually.

Cost to realize opportunity

350,000

Strategy to realize opportunity and explanation of cost calculation

Lenovo's historical focus on operational efficiency and recent strategy of locating production facilities near markets provides a positive differentiator when calculating product carbon footprint. Lenovo continues to focus on making progress in the use of post-consumer recycled content plastics including closed loop and increasing the use of recycled and recyclable materials in packaging, reducing the size of packaging and expanding the use of bulk and reusable packaging solutions that all help with either avoiding emissions or reducing carbon emissions of our products. Moreover Lenovo's engagement in developing product carbon footprint tools, and the support given to the Chinese government in terms of developing a carbon footprint standard, create a competitive advantage for product carbon labelling of Lenovo's products such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem.

To-date Lenovo has invested in excess of $350,000 in supporting the development of product carbon footprint standards and calculation tools and determining the carbon footprint of many of its products. It is estimated that we will continue to invest greater than $35,000 per year in the near term.

Comment

N/A

Identifier

Opp3

Where in the value chain does the opportunity occur?

Direct operations

Opportunity type

Resource efficiency

Primary climate-related opportunity driver

Use of more efficient production and distribution processes

Primary potential financial impact

Increased revenues resulting from increased production capacity

Company-specific description

We experience extreme weather events like super storms, flash flooding and excessive droughts more often than in the past. In this environment where increasing frequency and severity of these climatic events increases the risk of supply and product transportation and distribution interruptions, Lenovo's strong presence in China in terms of manufacturing capacity and market share, provides an opportunity for pricing advantage driven by proximity to suppliers and our major market.

Time horizon

Medium-term

Likelihood

Very likely

Magnitude of impact

Medium-high

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

14,578,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Based upon FY 2020/21 earnings if action in this area resulted in 0.1% increase in sales in China, Lenovo's revenue would increase more than $14,578,000 annually.

Cost to realize opportunity

0

Strategy to realize opportunity and explanation of cost calculation

Lenovo's strong presence in China, in terms of manufacturing capacity and market share, provides an opportunity for pricing advantage driven by proximity to suppliers and our major market. This proximity of manufacturing to suppliers and market also helps to mitigate the impact of increasing transportation costs driven by the increasing costs of fuel. Lenovo continues to enhance its manufacturing capabilities in China (as we do in the rest of the world). We are also working with major suppliers to ensure their business interruption processes are sound and address potential threats associated with increasing frequency and severity of climatic events. These actions will help to mitigate costs associated with possible production interruption and increasing costs of transportation

Our global manufacturing network is designed in a way to take into consideration potential business emergencies and how to minimize and respond to such emergencies. We implement a disaster recovery program at our in-house manufacturing locations to respond to potential business interruptions from severe weather events and resultant conditions. We also partner with our insurance provider to minimize potential consequence of interruptions if/ as needed.

The total costs associated with all of these activities have not been quantified.

Comment

N/A

Identifier

Opp4

Where in the value chain does the opportunity occur?

Downstream

Opportunity type

Markets

Primary climate-related opportunity driver

Access to new markets

Primary potential financial impact

Increased revenues through access to new and emerging markets

Company-specific description

External stakeholders monitor and evaluate corporate sustainability efforts including climate change programs. Lenovo recognizes opportunities associated with positive impacts of proactive climate change programs on the company's reputation. Such positive reputational influences can potentially result in increased product sales such as ThinkPad, IdeaPad, Yoga, Legion, Moto, and ThinkSystem in new and emerging markets.

Time horizon

Medium-term

Likelihood

About as likely as not

Magnitude of impact

Medium

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

60,742,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Based upon FY 2020/21 earnings it is estimated that the potential financial impact of positive impacts of proactive climate change programs that created a sales advantage for Lenovo products that led to a 0.1% increase in sales would increase Lenovo revenues by more than $60,742,000 annually.

Cost to realize opportunity

0

Strategy to realize opportunity and explanation of cost calculation

Lenovo implemented a Climate and Energy Policy and climate strategy. We established and are progressing towards achieving a GHG emissions reduction plan as well as product and supply chain climate related targets. Around 30 energy efficiency and renewable energy projects were implemented during the past fiscal year. Purchase of renewable energy commodities was used to supplement this good work and ensure we meet our reduction goals. Lenovo responds to requests for information on our climate change work directly as well as publishing regularly updated climate change information on its external website. Climate change information is also communicated in our Annual and Environmental, Social and Governance Reports. We have our GHG inventory externally verified annually.

Lenovo's sustainability/ESG efforts including proactive climate change programs were recognized by inclusion in the 2020 Hang Seng Corporate Sustainability Index, being recognized a constituent of the Hong Kong Corporate Governance Excellence Awards 2020 and achieving 2020 EcoVadis CSR Gold level rating.

The total costs associated with all of these activities have not been quantified. The costs of external verification of our environmental data are estimated to be $30,000 per year.

Comment

N/A

Identifier

Opp5

Where in the value chain does the opportunity occur?

Downstream

Opportunity type

Products and services

Primary climate-related opportunity driver

Shift in consumer preferences

Primary potential financial impact

Increased revenues resulting from increased demand for products and services

Company-specific description

Consumer behavior has been changing - they are more and more interested in organizations' environmental/sustainability/ESG performance including climate change activities. Lenovo sees these increased interests as an opportunity to promote our climate change initiatives and carbon reduction activities. The increased demand for energy efficient products with low carbon footprints in a low carbon economy provides an opportunity for increased sales of products such as ThinkPad, IdeaPad, Yoga,

Legion, Moto, and ThinkSystem. Lenovo's historical and continued focus on product and operations energy efficiency provides a positive product differentiator in a regulatory environment that increasingly values these attributes.

Time horizon

Medium-term

Likelihood

About as likely as not

Magnitude of impact

Medium-high

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

60,742,000

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Lenovo estimates that potential increased demand for energy efficient products with low carbon footprints could result in additional sales of Lenovo products of at least 0.1%. Based upon FY 2020/21 earnings it is estimated that the potential financial impact of increased demand for these products could increase Lenovo revenues by more than $60,742,000 annually.

Cost to realize opportunity

108,500,000

Strategy to realize opportunity and explanation of cost calculation

Lenovo continuously monitors consumer behavior and customer requirements as inputs to our environmental and sustainability strategy and product development process. Partly based upon these inputs Lenovo continues to increase its commitment of resources to improving its performance in these areas.

To support sustainable business activities, Lenovo incurs annual expenses of approximately ~$108.5 million This amount includes labor and management fees of ~$5.2 million, non-labor expenses of ~0.7 million, climate change expenses of ~$0.5 million, philanthropic giving/disaster relief aid of ~$10.1 million and eco-labels and product cost adders of ~$91.8 million.

Comment

N/A

C3. Business Strategy

C3.1

(C3.1) Have climate-related risks and opportunities influenced your organization's strategy and/or financial planning?

Yes

C3.1b

(C3.1b) Does your organization intend to publish a low-carbon transition plan in the next two years?

	Intention to publish a low-carbon transition plan	Intention to include the transition plan as a scheduled resolution item at Annual General Meetings (AGMs)	Comment
Row 1	Yes, in the next two years	Yes, we intend to include it as a scheduled AGM resolution item	

C3.2

(C3.2) Does your organization use climate-related scenario analysis to inform its strategy?

Yes, qualitative and quantitative

C3.2a

(C3.2a) Provide details of your organization's use of climate-related scenario analysis.

Climate-related scenarios and models applied	Details
2DS IEA 450 RCP 2.6 RCP 4.5 RCP 6 RCP 8.5 Other, please specify IPCC Report on 1.5°C SSP1	Lenovo performed exploratory climate-related scenario analysis by using the GeSI-CDP Scenario Analysis Toolkit which is based on the Task Force on Climate-related Financial Disclosures requirements and guidance on scenario analysis. We selected four climate-related scenarios to start understanding how our identified physical and transition risks and opportunities could impact our business. The scenarios ranged from transitioning to a low carbon world with limiting temperature increase to 1.5°C to limited climate actions resulting in temperature increase of 4°C or above, specifically we looked at 1.5°C; 2°C; 2.6°C and 4°C warming pathways. The assumptions for each scenario included different global emissions levels, physical impacts, global policy response, technological impacts, population levels, world GDP, carbon price, energy demand and mix, and technology investment. The time horizons at the scenario parameters and assumptions were out to 2030, 2040 and 2050 which is relevant to Lenovo given our 2030 science-based emission reduction targets and a next step of looking into a low carbon transition by no later than 2050. The scope

	considered all Lenovo's locations and supply chain. Inputs included the most recent financial metrics such as revenue or operating costs; identified climate change risks (e.g. increased severity and frequency of extreme weather events, carbon regulations and pricing mechanism, reputational damage or customer behavior changes towards low carbon products); and identified climate change opportunities (e.g. offering product energy management features, implementing innovations such as low temperature solder technology, server warm water cooling and smart green manufacturing solutions). Time horizon for those risks and opportunities were either short (0-1 year) or medium (1-10 years) terms with corresponding respective likelihoods and magnitude of impacts of each risk and opportunity under each scenario. The percentage change for each relevant financial driver under each scenario for physical risks were based on location of our sites and suppliers and for transition risks and opportunities on high level impact ranges determined by our Global Environmental Affairs team. A summary of the results provided a framework for estimating impacts on different financial items for our identified climate-related risks and opportunities and an input for evaluating potential adjustments to our strategic climate change mitigation plan. The toolkit included a CDP data extract to allow Lenovo to compare and evaluate recurring key sector risks and opportunities. We learned that our identified risks and opportunities followed trends and are aligned with those of the IT sector. The scenario analysis exercise and results helped Lenovo inform our business objectives and strategy as follows: 1. To identify any gaps in our climate scenario analysis as we are gaining more experience in identifying appropriate scenarios and quantifying analysis using financial specific information, 2. To look at strengthening the process of assessing, identifying and managing climate-related risks and opportunities in our risk management processes and 3. To work on including cross-function teams and decision makers in the scenario analysis exercise. CASE STUDY The results of scenario analysis directly influenced Lenovo's business objectives and strategy in terms of looking closely at our scope 3 emission reduction targets, their alignment with the 1.5°C pathway and a further exploring a net-zero transition. Lenovo decided to perform an initial financial and feasibility study for the next step in our emissions reduction journey which is mapping and costing net-zero by no later than 2050 across all pathways within all 3 scopes. We are looking for finding out where we need to be between now and 2050 and how we can get there. This exercise will help us assess feasibility and start developing Lenovo's Low Carbon Transition Plan.

C3.3

(C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and services	Yes	Lenovo products have been impacted by requirements to provide energy efficient products with low carbon footprints for almost all of Lenovo's product types including ThinkPad, IdeaPad, Yoga, Legion, and ThinkSystem. As identified in C2.4a opportunities with the potential to have a substantive financial or strategic impact on our business, Lenovo sees an opportunity to address the increased customers' interests in energy efficiency products with low carbon footprints. Lenovo's historical and continued focus on product energy efficiency provides a positive product differentiator in a commercial and regulatory environment that increasingly values this attribute and presents opportunities to provide a sales advantage for Lenovo's products that could spread over the whole product portfolio. The impact magnitude is high and time horizon is ongoing. Lenovo integrated this opportunity into our business strategy and planning when developing our products. Customer preference for energy efficient products with low carbon footprints, and ensuring we are able to offer these products to meet customer demand has a direct impact on Lenovo's revenues. CASE STUDY: Energy efficiency and carbon footprint reduction are key Lenovo's business focuses. The most substantial decision made in this area to-date has been that Lenovo's new products must show improved energy efficiency relative to the previous generation. The energy consumption and performance of Lenovo products meet the efficiency requirements of China, Japan, the United States, Europe, and other jurisdictions. Many Lenovo notebook, desktop, server, and monitor products satisfy and even exceed the current ENERGY STAR® requirements. In FY 2020/21, 26 Lenovo and ThinkVision branded computer monitors were recognized with the ENERGY STAR "Most Efficient" designation. Lenovo supports the objective of reducing the product

		carbon footprint by using post-consumer recycled content (PCC) plastics and has used more than 254 million lbs of PCC overall since 2005. We have avoided up to 136-409 million lbs of CO2 emissions. Also, Lenovo has increased use of closed loop post-consumer recycled (CL-PRC) plastics from ITE devices and to-date we used more than 21 million lbs of CL-PCR since 2018 which supports emissions avoidance from use of prime (non-recycled) materials. Lenovo used CL-PRC content in 103 products in 2020.
Supply chain and/or value chain	Yes	Our strategy has been influenced in two respects. First, in driving Lenovo's brand of responsible sourcing we recognize that we must take on the opportunity to lead in reducing our suppliers' environmental footprint. This includes measuring our supplier's sustainability performance and driving our business volumes to the best performing suppliers. The time frame is now, and the journey is to improve each year. Second, as identified in C2.3a risks with the potential to have a substantive financial or strategic impact on our business, Lenovo sees a risk in our supply chain associated with the impact of sea level rise, tropical cyclones and more frequent and more severe climatic events such as severe storms and flooding. These climate changes have the potential to impact Lenovo suppliers and their ability to supply materials and product components for our products such as ThinkPad, IdeaPad, Yoga, Legion, Moto, or ThinkSystem. The magnitude of this impact could be significant (high) throughout our supply chain. We consider this risk in emergency preparedness and response planning programs. Interruptions of material and product component supply have impact on revenue when products can't be manufactured and distributed to meet customers' orders. CASE STUDY: The most substantial decisions made in this area: With respect to opportunity, we measure and strive to improve annually what % of our overall spend achieves environmental goals such as GHG reductions or renewable energy usage. Lenovo is striving to establish these metrics for >95% of suppliers by spend by the end of 2021. We also measure our suppliers individually on these aspects using a system of credits or poor performance ratings in supplier's scorecards. With respect to the supply risk of materials and products due to severe climate changes events, we take actions to prevent and to respond to them. In terms of

		prevention we actively manage sourcing to reduce single sources. Suppliers are required to provide Disaster Recovery plans, supply management is a weekly supply/demand process, suppliers' financial stability is tracked real-time, and our commodity strategies are constantly reviewing supply risks, opportunities and initiatives. In terms of reactions, we have active response teams that have proven themselves numerous times over the years whether it was floods in Thailand or an earthquake in Japan.
Investment in R&D	Yes	Current and emerging regulations related to low carbon products, changing consumer behaviors towards low carbon products and as a company being perceived as not managing climate change impacts are considerations that influence the business strategy of Lenovo's research and development of innovations to improve Lenovo's products and help mitigate carbon emissions associated with manufacturing and use of products such as ThinkPad, IdeaPad, Yoga, Legion, and ThinkSystem. Lenovo is constantly innovating, researching, and looking for new and better sustainable solutions for the future, so the time horizon is ongoing. Lenovo integrated this driver into our business strategy and plans when developing our products. Customer preference for energy efficient products with low carbon footprints and ensuring we are able to offer these products to meet customer demand has a direct impact on Lenovo's revenues. CASE STUDY: Below are two examples demonstrating substantial decisions made in this area to date : In 2017, Lenovo implemented a low temperature solder (LTS) manufacturing technology process used in Lenovo PC manufacturing operations. The LTS process reduces power consumption and carbon emissions of the printed circuit board assembly process by 35%. This innovation has been openly shared with peers and competitors via technical papers and consortium. As of April 2021, Lenovo had shipped over 37 million notebooks manufactured on LTS mainboard lines and transitioned over 90% of ThinkPad and over 20% of IdeaPad notebooks to these processes. This transition resulted in more than a 7,500 MT carbon emissions reduction. The LTS technology is now

		starting to be used in more areas, e.g., memory, wireless, fingerprint reader cards, and subcards. The direct warm water-cooling design of Lenovo's ThinkSystem SD650 servers enables 85-90 % heat recovery to reduce energy consumption by 30- 50%. In the summer of 2018 Lenovo introduced Neptune™ a holistic view of liquid cooling for all data centers. This technology utilizes liquid-based cooling in data center products but has the potential for applications elsewhere in IT. During FY 2020/21, Lenovo deployed it at DreamWorks Animation where water from existing sources is harnessed to cut power consumption by one third, all while allowing more computing power to be packed into the walls of the legacy data center.
Operations	Yes	Lenovo operations have been impacted by identified risks associated with an increase in the number and/or the intensity weather events such as tropical cyclones. The location of some of Lenovo's facilities exposes them to the potential transportation, utilities and service interruptions that are associated with these changes. The magnitude of this impact has been localized (low) but could be global (high); therefore, Lenovo manages this risk through an emergency preparedness and response planning program including adequate insurance policy to protect our employees, customers, assets, and investors. Severe weather events prompt Lenovo to review and update our emergency preparedness and business interruption strategies, programs, and procedures . Lenovo operational costs as well as Lenovo's property and assets have been impacted by increase in the number and/or the intensity weather events such as tropical cyclones. CASE STUDY: Lenovo's crisis management and emergency response program includes requirements related to natural disasters and interruptions due to intense weather events. This includes requirements for teams such as facilities, security and crisis management to monitor weather, conduct emergency response drills and perform training periodically. The emergency response teams respond to on-site emergency events as requested. Specifically, Lenovo requires our in-house manufacturing

		sites to conduct emergency preparedness drills once a year. In addition, sites rated in the local community as a very important enterprise or a key unit for fire safety should conduct emergency preparedness drills twice a year. Our manufacturing plant in Indaiatuba, Brazil assesses business continuity risks annually and considers them in their emergency procedures (e.g. drill related to tornadoes or power outage caused by severe storms). Natural disasters such as storms, hurricanes, floods and tornadoes are considered in the emergency response plan and continuity plan documents at our manufacturing site in Monterrey, Mexico. The manufacturing site in Whitsett, North Carolina considers winter snow and ice storms in addition to hurricanes, tornadoes and earthquakes. The scenarios around extreme weather events such as tropical cyclones or typhoons with flooding aftermaths are a few examples that are used for these desk-top exercises.

C3.4

(C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.

	Financial planning elements that have been influenced	Description of influence
Row 1	Revenues Indirect costs Access to capital	1. REVENUES: As identified in C2.4a opportunities with the potential to have a substantive financial or strategic impact on our business, customer preference for energy efficient products with low carbon footprints and ensuring we are able to offer these products to meet customer demand has a direct impact on Lenovo's revenues. We believe this is a top environmental concern of our customers, so this has significant potential impact on our revenue (high magnitude of impact). Sales of energy efficient data center products could be an important future revenue driver for Lenovo. These customers in particular are interested in energy efficient products such as ThinkSystem servers. Time horizon: Ongoing. 2. INDIRECT (OPERATING) COSTS: Lenovo operations and related operational costs have been impacted by identified risks associated with an increase in the number and/or the intensity of weather events such as tropical cyclones. The location of some of Lenovo's facilities exposes them to the potential transportation, utilities and service interruptions that are associated with these changes (e.g. power outages in our sites in

		India and Brazil). The magnitude of this impact has been localized (low) but can be global (high); therefore, Lenovo manages this risk through an emergency and preparedness and response planning program including adequate insurance policy to protect our employees, customers, assets, and investors. Time horizon: Ongoing. Potential carbon taxes and emission trading schemes such as the pilot Beijing ETS as identified in C2.3a risks with the potential to have a substantive financial and strategic impact on our business will directly impact Lenovo's operational costs, in particular our facility operational expenses and global logistics expenses. The magnitude of this impact is dependent on global macroeconomic factors but could be significant (high). Time horizon: Past few years and near future. 3. ACCESS TO CAPITAL: Reputation is an important factor in our ability to access capital. Many external analysts and investors consider Lenovo's performance in environmental, social and governance areas and climate change specifically as part of their assessment of Lenovo's overall value and strengths. This is significant within certain investor communities. We believe that this risk has a potential to have high financial implications and we expect it will increase over time. Time horizon: Ongoing. External stakeholders monitor and evaluate corporate sustainability efforts including climate change programs. Lenovo recognizes risks as well as opportunities associated with positive or negative impacts of having or not having robust climate change programs on the company's reputation. The magnitude of this impact can be positive in terms of increased demand for Lenovo’s products and directly impact our revenue (opportunity) but could also be negative in terms of reduced demand for Lenovo’ products and a reduction in our ability to access capital if our climate change programs are not considered robust enough (risks). Both were identified in C2.3a and C2.4a as risks and opportunities with the potential to have a substantive financial or strategic impact on our business. Time horizon: Ongoing. OVERREACHING CASE STUDY: Lenovo continues to invest in green manufacturing through exploring innovative technology and solutions to address climate-related risks and opportunities that Lenovo faces. Moving towards green smart manufacturing is crucial in transition to a low carbon economy. This ongoing shift is influencing financial planning elements such as revenue, indirect (operating) costs or access to capital. In November 2019, Lenovo announced a strategic partnership with Schneider Electric to develop smart green manufacturing solutions for the Chinese manufacturing sector. The partnership promotes digital innovation with Lenovo’s Industrial Internet of Things LeapIOT solution and Schneider Electric’s

		smart green manufacturing solution based on EcoStruxure. The combination builds a blueprint that can provide smart manufacturing solutions to discrete and hybrid manufacturing operations in various industries. In particular, the focus will include Artificial Intelligence algorithms and big data as it relates to efficiency management, predictive maintenance, production quality, and other industrial applications to enable smart green manufacturing further. During FY 2020/21, Lenovo worked with a design company to fully consider green manufacturing in the design process for new buildings. It included construction material, energy efficiency, material flow, production process as well as transportation. The goal is to build a Smart Factory with Artificial Intelligence, smart internet of things, mobile internet, and smart infrastructure that is highly efficient in using energy and water, reduces nature resources consumption and mitigates greenhouse gas emissions in the overall operation activities.

C3.4a

(C3.4a) Provide any additional information on how climate-related risks and opportunities have influenced your strategy and financial planning (optional).

A core element of Lenovo's business management strategy is a commitment to environmental stewardship. In light of this commitment the impacts of, and increasing interest in, climate change influences our environmental and overall business strategy. Our Environmental Management System (EMS) is an integral part of our business management system and establishes the framework from which we develop environmental strategy, objectives and targets and link to our global business strategy. Within the framework of our EMS, energy consumption, the associated GHG emissions and the resulting climate change impacts have been identified as significant environmental aspects and impacts for the company. We've adapted our business strategy to address the issues and challenges arising from these aspects by linking our emissions reduction targets to our business strategy through our Climate and Energy Policy, comprehensive Climate Change Strategy and corporate-wide Climate Change Objectives and Targets including absolute GHG emissions reductions and renewable energy sourcing targets.

We've developed our strategy to address climate change considerations including: customer demand for energy efficient products, lower product carbon footprints, energy efficient partners and supply chains; competitor commitments and accomplishments; employee and management concerns about climate change and corporate responsibility; emerging governmental and other stakeholder focus on climate change; our Board of Directors level commitments and risk management around energy pricing driving a transition to renewable energy resources.

Our business strategy to provide energy efficient products, drive energy efficiency in our operations, mitigate our carbon footprint and increase our solar installations is directly linked to these considerations. This strategy will help us respond to customer requirements, prepare for new carbon labelling, and tax laws and respond to new regulations, protect our reputation and adapt to severe weather events and their impact on our operations and our supply chain.

Climate-related risks and opportunities have influenced Lenovo's strategy in the products, supply chain, investment in R&D and operations areas as described in C3.1d and financial planning via elements such as revenue, indirect (operational) costs and access to capital as described in C3.1e. Lenovo is also creating value over time by the following social investment and product/technology offerings for mitigating and adapting to climate change:

1. Lenovo's products and technology are helping scientists to measure and adapt to climate change via climate research and weather forecasting. Examples include identification of agricultural areas and crops that will be affected by climate change, such as floods or droughts; prediction of the future effects of flooding to plan to keep communities safe as weather trends change and flooding gets more severe and frequent or weather forecasting to help people prepare for typhoons and severe weather events and provide adequate warnings to when catastrophic weather strikes.

2. Lenovo's social investment via its global disaster assistance program helps to address increased need to prepare and adapt to natural disaster and crises related to climate change severity. Lenovo developed a matrixed process in order to consistently respond to natural disasters based on impact and local alignment. Lenovo made contributions to disaster response in FY 2020/21 related to hurricane damage from Hurricane Laura and Hurricane Eta, relief from Typhoon Ulysses in the Philippines and wildfires in California. Additionally, Lenovo donated to the American Red Cross's Red Cross View software to help the Red Cross ensure shelters and resources are allocated in the right locations before a storm strikes and to Save the Children to help women and children impacted by natural disasters.

C4. Targets and performance

C4.1

(C4.1) Did you have an emissions target that was active in the reporting year?

Both absolute and intensity targets

C4.1a

(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.

Target reference number

Abs 1

Year target was set

2020

Target coverage

Company-wide

Scope(s) (or Scope 3 category)

Scope 1+2 (market-based)

Base year

2019

Covered emissions in base year (metric tons CO2e)

32,060.23

Covered emissions in base year as % of total base year emissions in selected Scope(s) (or Scope 3 category)

100

Target year

2030

Targeted reduction from base year (%)

50

Covered emissions in target year (metric tons CO2e) [auto-calculated]

16,030.115

Covered emissions in reporting year (metric tons CO2e)

28,786.63

% of target achieved [auto-calculated]

20.4215627898

Target status in reporting year

Underway

Is this a science-based target?

Yes, and this target has been approved by the Science-Based Targets initiative

Target ambition

1.5°C aligned

Please explain (including target coverage)

This target covers Lenovo-wide scope 1 and 2 (market-based) emissions. The base and target years are based on Lenovo's fiscal years, so we entered the year that applies to the end of the fiscal year, 2019 for FY 2018/19 and 2030 for FY 2029/30.

Lenovo also developed intensity targets for three scope 3 categories (use of sold products, purchased goods and services and upstream transportation and distribution). All those have been approved as science-based by the Science Based Targets initiative on June 30, 2020.

Lenovo’s approved targets are listed on the Science Based Targets website as follows:

“Lenovo commits to reduce absolute scope 1 and 2 GHG emissions 50% by FY 2029/30 from a FY 2018/19 base year. Lenovo commits to reduce scope 3 GHG emissions from

use of sold products 25% per comparable product (for notebooks, desktops, and servers) by FY 2029/30 from a FY 2018/19 base year. Lenovo also commits to reduce scope 3 GHG emissions from purchased goods and services 25% per million US$ procurement spend, and from upstream transportation and distribution 25% per tonne-km of transported product over the same period."

The Science Based Targets initiative informed us that Lenovo's scope 1 and 2 portion of our targets are aligned with a 1.5°C pathway. The ambition of Lenovo's scope 3 targets has been assessed though the target validation process and deemed as ambitious, although they are not currently classified.

C4.1b

(C4.1b) Provide details of your emissions intensity target(s) and progress made against those target(s).

Target reference number

Int 1

Year target was set

2020

Target coverage

Company-wide

Scope(s) (or Scope 3 category)

Scope 3: Use of sold products

Intensity metric

Other, please specify

metric tons CO2e per comparable product (for notebooks, desktops, and servers)

Base year

2019

Intensity figure in base year (metric tons CO2e per unit of activity)

0.183

% of total base year emissions in selected Scope(s) (or Scope 3 category) covered by this intensity figure

75

Target year

2030

Targeted reduction from base year (%)

25

Intensity figure in target year (metric tons CO2e per unit of activity) [auto-calculated]

0.13725

% change anticipated in absolute Scope 1+2 emissions

0

% change anticipated in absolute Scope 3 emissions

-16

Intensity figure in reporting year (metric tons CO2e per unit of activity)

0.178

% of target achieved [auto-calculated]

10.9289617486

Target status in reporting year

Underway

Is this a science-based target?

Yes, and this target has been approved by the Science Based Targets initiative

Target ambition

2°C aligned

Please explain (including target coverage)

This target includes notebooks, desktops and servers representing majority emissions from use of sold products. Lenovo uses the Product Attribute Impact Algorithm (PAIA) tool to calculate emissions of Lenovo's products. The calculated results show emissions distribution by different parts and also for use, packaging, transportation and end of life treatment categories.

The base and target years are based on Lenovo's fiscal years, so we entered the year that applies to the end of the fiscal year, 2019 for FY 2018/19 and 2030 for FY 2029/30.

This target is one of the developed intensity targets for three scope 3 categories (use of sold products, purchased goods and services and upstream transportation and distribution) along with a target for scope 1 and 2 GHG emissions. All those have been approved as science-based by the Science Based Targets initiative on June 30, 2020.

Lenovo’s approved targets are listed on the Science Based Targets website as follows:

“Lenovo commits to reduce absolute scope 1 and 2 GHG emissions 50% by FY 2029/30 from a FY 2018/19 base year. Lenovo commits to reduce scope 3 GHG emissions from use of sold products 25% per comparable product (for notebooks, desktops, and servers) by FY 2029/30 from a FY 2018/19 base year. Lenovo also commits to reduce scope 3 GHG emissions from purchased goods and services 25% per million US$ procurement spend, and from upstream transportation and distribution 25% per tonne-km of transported product over the same period.”

Target reference number

Int 2

Year target was set

2020

Target coverage

Company-wide

Scope(s) (or Scope 3 category)

Scope 3: Purchased goods & services

Intensity metric

Other, please specify

metric tons CO2e per million US$ procurement spend

Base year

2019

Intensity figure in base year (metric tons CO2e per unit of activity)

78.5

% of total base year emissions in selected Scope(s) (or Scope 3 category) covered by this intensity figure

90

Target year

2030

Targeted reduction from base year (%)

25

Intensity figure in target year (metric tons CO2e per unit of activity) [auto-calculated]

58.875

% change anticipated in absolute Scope 1+2 emissions

0

% change anticipated in absolute Scope 3 emissions

-15

Intensity figure in reporting year (metric tons CO2e per unit of activity)

68.47

% of target achieved [auto-calculated]

51.1082802548

Target status in reporting year

Underway

Is this a science-based target?

Yes, and this target has been approved by the Science Based Targets initiative

Target ambition

2°C aligned

Please explain (including target coverage)

This target includes Lenovo's suppliers based on procurement spend. The suppliers' emissions were allocated based on the economic factor - revenue - as follows - allocated supplier emissions = supplier scope 1 and scope 2 emissions * (Lenovo's spend with the supplier / supplier's revenue).

The base and target years are based on Lenovo's fiscal years, so we entered the year that applies to the end of the fiscal year, 2019 for FY 2018/19 and 2030 for FY 2029/30.

This target is one of the developed intensity targets for three scope 3 categories (use of sold products, purchased goods and services and upstream transportation and distribution) along with a target for scope 1 and 2 GHG emissions. All those have been approved as science-based by the Science Based Targets initiative on June 30, 2020.

Lenovo’s approved targets are listed on the Science Based Targets website as follows:

“Lenovo commits to reduce absolute scope 1 and 2 GHG emissions 50% by FY 2029/30 from a FY 2018/19 base year. Lenovo commits to reduce scope 3 GHG emissions from use of sold products 25% per comparable product (for notebooks, desktops, and servers) by FY 2029/30 from a FY 2018/19 base year. Lenovo also commits to reduce scope 3 GHG emissions from purchased goods and services 25% per million US$ procurement spend, and from upstream transportation and distribution 25% per tonne-km of transported product over the same period.”

Target reference number

Int 3

Year target was set

2020

Target coverage

Company-wide

Scope(s) (or Scope 3 category)

Scope 3: Upstream transportation & distribution

Intensity metric

Other, please specify

metric tons CO2e per tonne-km of transported product

Base year

2019

Intensity figure in base year (metric tons CO2e per unit of activity)

0.000215

% of total base year emissions in selected Scope(s) (or Scope 3 category) covered by this intensity figure

100

Target year

2030

Targeted reduction from base year (%)

25

Intensity figure in target year (metric tons CO2e per unit of activity) [auto-calculated]

0.00016125

% change anticipated in absolute Scope 1+2 emissions

0

% change anticipated in absolute Scope 3 emissions

-36.25

Intensity figure in reporting year (metric tons CO2e per unit of activity)

0.000218

% of target achieved [auto-calculated]

-5.5813953488

Target status in reporting year

Underway

Is this a science-based target?

Yes, and this target has been approved by the Science Based Targets initiative

Target ambition

Well-below 2°C aligned

Please explain (including target coverage)

This target includes international air, ocean, and rail transport along with domestic transport in China (road and rail). Emissions from product transportation were estimated based on the shipment data received from key Lenovo's carriers

The base and target years are based on Lenovo's fiscal years, so we entered the year that applies to the end of the fiscal year, 2019 for FY 2018/19 and 2030 for FY 2029/30.

This target is one of the developed intensity targets for three scope 3 categories (use of sold products, purchased goods and services and upstream transportation and distribution) along with a target for scope 1 and 2 GHG emissions. All those have been approved as science-based by the Science Based Targets initiative on June 30, 2020.

Lenovo's approved targets are listed on the Science Based Targets website as follows:

"Lenovo commits to reduce absolute scope 1 and 2 GHG emissions 50% by FY 2029/30 from a FY 2018/19 base year. Lenovo commits to reduce scope 3 GHG emissions from use of sold products 25% per comparable product (for notebooks, desktops, and servers) by FY 2029/30 from a FY 2018/19 base year. Lenovo also commits to reduce scope 3 GHG emissions from purchased goods and services 25% per million US$ procurement spend, and from upstream transportation and distribution 25% per tonne-km of transported product over the same period."

C4.2

(C4.2) Did you have any other climate-related targets that were active in the reporting year?

Target(s) to increase low-carbon energy consumption or production

C4.2a

(C4.2a) Provide details of your target(s) to increase low-carbon energy consumption or production.

Target reference number

Low 1

Year target was set

2020

Target coverage

Company-wide

Target type: absolute or intensity

Absolute

Target type: energy carrier

All energy carriers

Target type: activity

Consumption

Target type: energy source

Renewable energy source(s) only

Metric (target numerator if reporting an intensity target)

Percentage

Target denominator (intensity targets only)

Base year

2020

Figure or percentage in base year

69.63

Target year

2021

Figure or percentage in target year

75.04

Figure or percentage in reporting year

75.04

% of target achieved [auto-calculated]

100

Target status in reporting year

Achieved

Is this target part of an emissions target?

Yes, it is related to Abs 1. If we use more energy from renewable sources, we will use less energy from non-renewable sources which decrease our overall emissions

Is this target part of an overarching initiative?

No, it's not part of an overarching initiative

Please explain (including target coverage)

This target is related to achievement of a year-to-year increase in the percentage of energy purchased from renewable generation sources globally, relative to the previous fiscal year (we reported this year-to year target last year in C4.2 and are reporting progress against it this year).

The base and target years are based on Lenovo's fiscal years, so we entered the year that applies to the end of the fiscal year, 2020 for FY 2019/20 and 2021 for FY 2020/21.

This goal may be accomplished through installation of onsite renewable energy generation, entry into power purchase agreements (PPA) with power providers and /or the purchase of renewable energy commodities.

This EMS target says that we can accomplish it by a combination of means mentioned in the above paragraph, we achieved it by accounting for our solar installations and renewable electricity purchases such as Renewable Energy Credits, International Renewable Energy Credits and Guarantees of Origin.

C4.3

(C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Yes

C4.3a

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	1	
To be implemented*	1	4,000
Implementation commenced*	2	5,700
Implemented*	31	10,024
Not to be implemented	0	

C4.3b

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

Initiative category & Initiative type

Energy efficiency in buildings
Lighting

Estimated annual CO2e savings (metric tonnes CO2e)

391

Scope(s)

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

80,407

Investment required (unit currency – as specified in C0.4)

155,090

Payback period

1-3 years

Estimated lifetime of the initiative

3-5 years

Comment

It is assumed that the annual CO2e savings are higher than reported in the related column due to estimation and extrapolation.

Initiative category & Initiative type

Energy efficiency in buildings
Heating, Ventilation and Air Conditioning (HVAC)

Estimated annual CO2e savings (metric tonnes CO2e)

492

Scope(s)

Scope 1
Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

82,831

Investment required (unit currency – as specified in C0.4)

27,544

Payback period

1-3 years

Estimated lifetime of the initiative

6-10 years

Comment

It is assumed that the annual CO2e savings are higher than reported in the related column due to estimation and extrapolation.

Initiative category & Initiative type

Energy efficiency in buildings
Insulation

Estimated annual CO2e savings (metric tonnes CO2e)

238

Scope(s)

Scope 1
Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

33,243

Investment required (unit currency – as specified in C0.4)

12,296

Payback period

<1 year

Estimated lifetime of the initiative

3-5 years

Comment

It is assumed that the annual CO2e savings are higher than reported in the related column due to estimation and extrapolation.

Initiative category & Initiative type

Non-energy industrial process emissions reductions

Process equipment replacement

Estimated annual CO2e savings (metric tonnes CO2e)

2,738

Scope(s)

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

553,846

Investment required (unit currency – as specified in C0.4)

408,118

Payback period

<1 year

Estimated lifetime of the initiative

6-10 years

Comment

It is assumed that the annual CO2e savings are higher than reported in the related column due to estimation and extrapolation.

Initiative category & Initiative type

Other, please specify

Other, please specify

Adjusting working stations and operations

Estimated annual CO2e savings (metric tonnes CO2e)

1,014

Scope(s)

Scope 1
Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

195,922

Investment required (unit currency – as specified in C0.4)

132,910

Payback period

<1 year

Estimated lifetime of the initiative

Ongoing

Comment

It is assumed that the annual CO2e savings are higher than reported in the related column due to estimation and extrapolation.

Initiative category & Initiative type

Low-carbon energy generation
Solar PV

Estimated annual CO2e savings (metric tonnes CO2e)

1,048

Scope(s)

Scope 2 (location-based)
Scope 2 (market-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

260,000

Investment required (unit currency – as specified in C0.4)

6,700,000

Payback period

>25 years

Estimated lifetime of the initiative

21-30 years

Comment

Initiative category & Initiative type

Low-carbon energy consumption

Wind

Estimated annual CO2e savings (metric tonnes CO2e)

3,158

Scope(s)

Scope 2 (market-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

0

Investment required (unit currency – as specified in C0.4)

8,053

Payback period

1-3 years

Estimated lifetime of the initiative

<1 year

Comment

Purchased renewable energy in a form of energy attribute certificates, I-RECs for our operations in Brazil and Mexico and GOs for our operations in EU. We increased our amount of low carbon energy purchased on a year-to-year basis to 11,978 MWh of I-RECs in Brazil and Mexico and GOs in EU. These renewable commodities were cancelled on behalf of our company.

Initiative category & Initiative type

Low-carbon energy consumption

Solar PV

Estimated annual CO2e savings (metric tonnes CO2e)

945

Scope(s)

Scope 2 (market-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

0

Investment required (unit currency – as specified in C0.4)

1,997

Payback period

1-3 years

Estimated lifetime of the initiative

<1 year

Comment

Purchased renewable energy in a form of energy attribute certificates, I-RECs for our operations in India and GOs for our operations in EU. We increased our amount of low carbon energy purchased on a year-to-year basis to 1,490 MWh of I-RECs in India and GOs in EU. These renewable commodities were cancelled on behalf of our company.

C4.3c

(C4.3c) What methods do you use to drive investment in emissions reduction activities?

Method	Comment
Compliance with regulatory requirements/standards	Lenovo has budgeted for having access to an online tracking tool for regulatory requirements/standards related to GHG, climate change and product carbon footprint (FY 2020/2021).
Dedicated budget for energy efficiency	Lenovo has budgeted for energy efficiency studies and projects at manufacturing locations and real estate sites (FY 2020/2021).
Dedicated budget for other emissions reduction activities	Lenovo has budgeted for the purchase of renewable energy commodities (FY 2020/2021).
Other Support development of GHG emission methodologies and tools	Lenovo has budgeted for participation in, and support of, the development of GHG emissions calculation methodologies and tools (FY 2020/2021).
Other Climate change and energy efficiency education	Lenovo has budgeted for external education (training) and engagement on climate change and energy efficiency (FY 2020/2021).

C4.5

(C4.5) Do you classify any of your existing goods and/or services as low-carbon products or do they enable a third party to avoid GHG emissions?

Yes

C4.5a

(C4.5a) Provide details of your products and/or services that you classify as low-carbon products or that enable a third party to avoid GHG emissions.

Level of aggregation

Group of products

Description of product/Group of products

Energy efficiency is a targeted attribute of the Lenovo product development process. Improvements in product energy efficiency are consistently part of our key environmental objectives and targets. We realize this opportunity of our strong product energy efficiency with lower emission footprint and offer a full complement of ENERGY STAR® qualified products. These products demonstrate higher energy efficiency resulting in less GHG emissions compared to non- ENERGY STAR® certified products. This year Lenovo offered ENERGY STAR® qualified notebooks (~98% of all notebook platforms), desktops (~97% of all desktop platforms), workstations (~98% of all workstation platform), monitors (~90% of all monitors), and servers (~90% of all server platforms).

Are these low-carbon product(s) or do they enable avoided emissions?

Avoided emissions

Taxonomy, project or methodology used to classify product(s) as low-carbon or to calculate avoided emissions

Other, please specify

Product carbon footprint analysis

% revenue from low carbon product(s) in the reporting year

87

Comment

We estimated that 87% revenue could be attributed to products that helped avoid emissions. The products with ENERGY STAR® certification (notebooks, desktops, workstations, monitors and servers) shipped in FY 2020/21 as a share of Lenovo's total revenue were used for estimating this percentage value.

C5. Emissions methodology

C5.1

(C5.1) Provide your base year and base year emissions (Scopes 1 and 2).

Scope 1

Base year start

April 1, 2018

Base year end

March 31, 2019

Base year emissions (metric tons CO2e)

6,031.07

Comment

Scope 2 (location-based)

Base year start

April 1, 2018

Base year end

March 31, 2019

Base year emissions (metric tons CO2e)

201,321.28

Comment

Scope 2 (market-based)

Base year start

April 1, 2018

Base year end

March 31, 2019

Base year emissions (metric tons CO2e)

26,029.16

Comment

C5.2

(C5.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

ISO 14064-1

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

Other, please specify

The GHG Protocol Guidance

C5.2a

(C5.2a) Provide details of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

The Greenhouse Gas Protocol: Required Greenhouse Gases in Inventories (Accounting and Reporting Standard Amendment), February 2013
The Greenhouse Gas Protocol: Scope 2 Guidance (An Amendment to the GHG Protocol Corporate Standard), January 2015

C6. Emissions data

C6.1

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

Reporting year

Gross global Scope 1 emissions (metric tons CO2e)

7,269

Comment

C6.2

(C6.2) Describe your organization's approach to reporting Scope 2 emissions.

Row 1

Scope 2, location-based

We are reporting a Scope 2, location-based figure

Scope 2, market-based

We are reporting a Scope 2, market-based figure

Comment

C6.3

(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

Reporting year

Scope 2, location-based

177,678

Scope 2, market-based (if applicable)

21,519

Comment

C6.4

(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?

No

C6.5

(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

Evaluation status

Relevant, calculated

Metric tonnes CO2e

2,283,500

Emissions calculation methodology

i. Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

ii. Lenovo believes that data quality of reported emissions falls in a range of reasonable materiality (+/- 5%). This scope 3 category was externally verified by an independent third party.

iii. The suppliers' emissions were allocated based on the economic factor - revenue - as follows - allocated supplier emissions = supplier scope 1 and scope 2 emissions * (Lenovo's spend with the supplier / supplier's revenue). The following assumptions and uncertainties were taken into account: combination of different reporting periods (always 12 months though), combination of different reporting sources, combination of GHG categorization, revenues vs. net sales, conversions of different currencies, companies' definition of corporate level vs. subsidiaries vs. individual facilities. The Greenhouse Gas Protocol: The Corporate Value Chain (Scope 3) Accounting and Reporting Standard was used for guidance and calculations of the purchased goods and services category.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

96

Please explain

Capital goods

Evaluation status

Relevant, calculated

Metric tonnes CO2e

736,500

Emissions calculation methodology

i. Emissions from capital goods were estimated based on capital goods purchased in FY 2020/21. All capital goods were converted to the common currency unit and categorized to align Lenovo asset classes with UNSPSC codes and SIC codes.

ii. Lenovo believes that data quality of reported emissions falls in a range of reasonable materiality (+/- 5%). This scope 3 category was externally verified by an independent third party.

iii. The capital goods emissions were calculated as follows - capital good purchase in USD * emission factors for different type of capital goods taken from 2012 Guidelines to Defra GHG Conversion Factors for Company Reporting, Annex 13 adjusted for inflation rate and exchange rate. The following assumptions and uncertainties were taken into account: not exactly same description for Lenovo asset classes and industry codes, average inflation rate and average exchange rate. The Greenhouse Gas Protocol: The Corporate Value Chain (Scope 3) Accounting and Reporting Standard was used for guidance and calculations of the capital goods category.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Fuel-and-energy-related activities (not included in Scope 1 or 2)

Evaluation status

Relevant, calculated

Metric tonnes CO2e

11,050

Emissions calculation methodology

i. Except transmission and distribution (T and D) losses, all fuel and energy related activities are included in Lenovo's scope 1 and Scope 2 emissions. Location-based scope 2 total was used as the basis for calculating this scope 3 category. Lenovo's

worldwide electricity and natural gas consumption was used as source data for calculating emissions from T and D losses. The emissions factors for electricity and stationary combustion found in IEA, eGRID, China energy statistics book and CO2 emissions embodied in inter-provincial electricity transmission study; electricity T and D loss rates by country listed in a World Bank database (International Energy Agency, Energy Statistics and Balances for Non-OECD and OECD countries for 2010) and Energy Star Performance Rating (Table 1 - Source-Site Ratios for all Portfolio Manager Fuels) for natural gas were used for the following calculations: electricity - electricity consumed (kWh) x electricity life cycle emission factor ((kg CO2e)/kWh) x T and D loss rate (%) and natural gas - natural gas (kWh) x natural gas emission factor (kg CO2e/kWh) x T and D loss rate (%).

ii. Lenovo believes that data quality of reported emissions falls in a range of reasonable materiality (+/- 5%). This scope 3 category was externally verified by an independent third party.

iii. The electricity T and D loss rates for manufacturing and research and development sites in Brazil, China, Germany, India, Japan, Mexico, Taiwan, and the United States were used. For the Lenovo's offices worldwide, the T and D loss rate was assumed to be an average of rates for used countries. The natural gas T and D loss rate from the Energy Star document (US-based average) was used for global natural gas usage, assuming the average applies to the rest of the countries. The Greenhouse Gas Protocol: The Corporate Value Chain (Scope 3) Accounting and Reporting Standard was used for guidance and calculations of T and D losses.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Upstream transportation and distribution

Evaluation status

Relevant, calculated

Metric tonnes CO2e

1,037,000

Emissions calculation methodology

i. Emissions from product transportation were estimated based on the shipment data received from key Lenovo's carriers which represented 63% of worldwide global logistics spend. The following calculation formula was used - chargeable weight (shipment weight and shipment volume) * distance (origin, destination, route information) * emission factor per transport mode (container size, container type, carrier if available). The emission factors were obtained from Network for Transport and Environment (air), BSR Clean Cargo Working Group (ocean), HBEFA - Handbook Emission Factors for Road Transport (road) and EcoTransit for energy consumption rail

type in combination with direct emission factors for fuel combustion from International Energy Agency (rail).

ii. Lenovo believes that data quality of reported emissions falls in a range of reasonable materiality (+/- 5%). This scope 3 category was externally verified by an independent third party.

iii. Lenovo used EcoTransIT carbon dashboard for calculating emissions from upstream transportation and distribution. International air, ocean and rail transport were included along with domestic transport in China (road and rail).

Percentage of emissions calculated using data obtained from suppliers or value chain partners

83

Please explain

Waste generated in operations

Evaluation status

Relevant, calculated

Metric tonnes CO2e

1,770

Emissions calculation methodology

i. The generated waste included non-hazardous waste, hazardous waste, and wastewater from all of Lenovo's manufacturing, research and development locations and some large offices. No product waste was included. The waste-type specific method described in The Greenhouse Gas Protocol: Technical Guidance for Calculating Scope 3 Emissions was used for estimating CO2e emissions - waste produced * waste type and waste treatment specific emission factor. The emission factors for non-hazardous waste were found in the EPA Report (2006): Solid Waste Management and Greenhouse Gases - A Life-Cycle Assessment of Emissions and Sinks and the emission factors for hazardous waste and waste water were found in the Ecoinvent Database.

ii. Lenovo believes that data quality of reported emissions falls in a range of reasonable materiality (+/- 5%). This scope 3 category was externally verified by an independent third party.

iii. The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Accounting and Reporting Standard and Technical Guidance for Calculating Scope 3 Emissions were used for guidance and calculating emissions from waste generated in operations.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Business travel

Evaluation status

Relevant, calculated

Metric tonnes CO2e

11,900

Emissions calculation methodology

i. Lenovo's business travel consisted of two parts: (1) travel agencies CO2e emissions report for air travel of Lenovo's employees and (2) miles travelled by Lenovo's employees in rented cars and associated CO2e emissions provided by a car renting agency.

ii. Lenovo believes that data quality of reported emissions falls in a range of reasonable materiality (+/- 5%). This scope 3 category was externally verified by an independent third party.

iii. Methodologies used by the travel agencies were based on DEFRA data source, CORINAR methodology and other proprietary accounting methods. Guidance from World Resource Institute, the GHG Protocol tool for mobile combustion was used for calculating emissions from miles travelled in rented cars (using published carbon emission factors).

Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

Please explain

Employee commuting

Evaluation status

Relevant, calculated

Metric tonnes CO2e

39,800

Emissions calculation methodology

i. Lenovo conducted a worldwide employee survey in May 2021 and received a 10.2% response rate. Based on employees' responses and their extrapolation, the CO2e emissions were estimated. The following data was collected through a survey: region in which employee worked, if they worked remotely 75% of the time, average distance travelled by employees per day, average number of days per week employee worked in the last fiscal year, average number of days per year employee worked in the last fiscal year, most frequent mode of transport used for commuting, fuel type and vehicle type if

applicable. The employee commuting company-specific method described in The Greenhouse Gas Protocol: Technical Guidance for Calculating Scope 3 Emissions was used for estimating CO2e emissions --> total distance travelled by vehicle type * vehicle specific emission factors. The GHG Protocol tool for mobile combustion (Version 2.6) was used for calculating emissions from miles travelled by vehicle type (emission factors embedded in the tool). The portion of electricity emissions of employees working from home was estimated by using an estimation tool based on employee location, associated country/region emission factors, average kWh per household, people in household and 48 working weeks per year/5 days per week and 8 hours per day.

ii. Lenovo believes that data quality of reported emissions falls in a range of reasonable materiality (+/-5%). This scope 3 category was externally verified by an independent third party.

iii. The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Accounting and Reporting Standard and Technical Guidance for Calculating Scope 3 Emissions were used for guidance and calculating emissions from employee commuting.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

10.2

Please explain

Upstream leased assets

Evaluation status

Not relevant, explanation provided

Please explain

Lenovo believes that we captured emissions data for upstream leased assets in either scope 1 or scope 2 or in other scope 3 categories.

Downstream transportation and distribution

Evaluation status

Not relevant, explanation provided

Please explain

Lenovo evaluated downstream transportation and distribution and determined that it is not significant because most of transportation and distribution can be classified as upstream (paid by Lenovo).

Processing of sold products

Evaluation status

Not relevant, explanation provided

Please explain

Lenovo’s products are not normally used for processing by other companies. Lenovo sells final products that are finished goods such as PC machines, servers or mobile devices.

Use of sold products

Evaluation status

Relevant, calculated

Metric tonnes CO2e

15,551,000

Emissions calculation methodology

i, ii, iii. Lenovo is engaged with other members of the information and communication technology (ICT) industry and academia in the development of a tool to simplify and expedite determination of the PCF for ICT products through the Product Attribute Impact Algorithm (PAIA) project. Lenovo used the current PAIA notebook, desktop, monitor, tablet, all-in-one, thin client, and server tool for calculating emissions of Lenovo's typical notebook, desktop, monitor, tablet, all-in-one, thin client, and server. The calculated results show emissions distribution by different parts and also for use, packaging, transportation and end of life treatment categories. The emissions associated with use of sold products were estimated on a "narrow" baseline for the typical notebook, desktop, monitor, tablet, all-in-one, thin client, and server multiplied by sold/shipped product volumes.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

End of life treatment of sold products

Evaluation status

Relevant, calculated

Metric tonnes CO2e

303,500

Emissions calculation methodology

i, ii, iii. Lenovo is engaged with other members of the information and communication technology (ICT) industry and academia in the development of a tool to simplify and expedite determination of the PCF for ICT products through the Product Attribute Impact Algorithm (PAIA) project. Lenovo used the current PAIA notebook, desktop, monitor, tablet, all-in-one, thin client, and server tool for calculating emissions of Lenovo's typical notebook, desktop, monitor, tablet, all-in-one, thin client, and server. The calculated results show emissions distribution by different parts and also for use, packaging, transportation and end of life treatment categories. The emissions associated with end-of-life treatment of sold products were estimated on a "narrow" baseline for the typical

notebook, desktop, monitor, tablet, all-in-one, thin client, and server multiplied by sold/shipped product volumes.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Downstream leased assets

Evaluation status

Not relevant, explanation provided

Please explain

Lenovo believes that we captured emissions data for downstream leased assets in either scope 1 or scope 2 or in other scope 3 categories.

Franchises

Evaluation status

Not relevant, explanation provided

Please explain

Currently Lenovo doesn’t engage in the franchises model of operations.

Investments

Evaluation status

Not relevant, explanation provided

Please explain

Lenovo doesn’t practice investment activities as financial investment firms.

Other (upstream)

Evaluation status

Please explain

Other (downstream)

Evaluation status

Please explain

C6.7

(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

No

C6.10

(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Intensity figure

0.00000304

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

184,946

Metric denominator

unit total revenue

Metric denominator: Unit total

60,742,000,000

Scope 2 figure used

Location-based

% change from previous year

9.36

Direction of change

Decreased

Reason for change

The overall intensity figure decreased due to emissions reduction activities such as implementation of energy efficiency projects or installation of solar panels.

Intensity figure

2.58

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

184,946

Metric denominator

full time equivalent (FTE) employee

Metric denominator: Unit total

71,576

Scope 2 figure used

Location-based

% change from previous year

2.37

Direction of change

Decreased

Reason for change

The overall intensity figure decreased due to emissions reduction activities such as implementation of energy efficiency projects or installation of solar panels.

Intensity figure

0.00209

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

184,946

Metric denominator

unit of production

Metric denominator: Unit total

88,347,759

Scope 2 figure used

Location-based

% change from previous year

16.54

Direction of change

Decreased

Reason for change

The overall intensity figure decreased due to emissions reduction activities such as implementation of energy efficiency projects or installation of solar panels.

C7. Emissions breakdowns

C7.1

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Yes

C7.1a

(C7.1a) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used greenhouse warming potential (GWP).

Greenhouse gas	Scope 1 emissions (metric tons of CO2e)	GWP Reference
CO2	6,349.69	IPCC Fourth Assessment Report (AR4 - 100 year)
CH4	8.27	IPCC Fourth Assessment Report (AR4 - 100 year)
N2O	12.29	IPCC Fourth Assessment Report (AR4 - 100 year)
HFCs	898.26	IPCC Fourth Assessment Report (AR4 - 100 year)
PFCs	0	IPCC Fourth Assessment Report (AR4 - 100 year)
SF6	0	IPCC Fourth Assessment Report (AR4 - 100 year)
NF3	0	IPCC Fourth Assessment Report (AR4 - 100 year)

C7.2

(C7.2) Break down your total gross global Scope 1 emissions by country/region.

Country/Region	Scope 1 emissions (metric tons CO2e)
Brazil	201.88
China	3,825.51
Germany	731.23
India	104.06
Japan	215.83
Mexico	96.56
Taiwan, Greater China	0

United States of America	1,930.96
Other, please specify Rest of World [1]	162.48

[1] Rest of World includes Lenovo's office sites worldwide (small and large - except offices in listed regions).

C7.3

(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

By business division
By activity

C7.3a

(C7.3a) Break down your total gross global Scope 1 emissions by business division.

Business division	Scope 1 emissions (metric ton CO2e)
IDG-PCSD (Intelligent Devices Group-PC and Smart Devices)	5,814.81
IDG-MBG (Intelligent Devices Group-Mobile Business Group, including Motorola Mobility LLC (Motorola))	654.17
IDG-Others (Intelligent Devices Group-Others)	72.68
DCG (Data Center Group)	726.85

C7.3c

(C7.3c) Break down your total gross global Scope 1 emissions by business activity.

Activity	Scope 1 emissions (metric tons CO2e)
Stationary Combustion	6,233.13
Mobile Combustion	137.12
Fugitive Emissions	898.26

C7.5

(C7.5) Break down your total gross global Scope 2 emissions by country/region.

Country/Region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)	Purchased and consumed electricity, heat, steam or cooling (MWh)	Purchased and consumed low-carbon electricity, heat, steam or cooling accounted for in Scope 2 market-based approach (MWh)

Brazil	1,321.36	473.06	13,240.06	8,500
China	147,374.68	11,710.7	230,248.01	201,084.12
Germany	1,248.84	0	3,111.22	3,111.22
India	2,690.06	0	3,577.68	3,577.68
Japan	5,132.6	5,132.6	10,220.24	0
Mexico	5,543.33	0	12,148.42	12,148.42
Taiwan, Greater China	2,231.1	2,231.1	3,991.25	0
United States of America	8,938.7	0	26,562.11	26,562.11
Other, please specify Rest of World [1]	3,197	1,970.66	10,427.44	5,181.78

[1] Rest of World includes Lenovo's office sites worldwide (small and large - except offices in listed regions).

C7.6

(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

By business division
By activity

C7.6a

(C7.6a) Break down your total gross global Scope 2 emissions by business division.

Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
IDG-PCSD (Intelligent Devices Group-PC and Smart Devices)	142,142.13	
IDG-MBG (Intelligent Devices Group-Mobile Business Group, including Motorola Mobility LLC (Motorola))	15,990.99	
IDG-Others (Intelligent Devices Group-Others)	1,776.78	
DCG (Data Center Group)	17,767.77	

C7.6c

(C7.6c) Break down your total gross global Scope 2 emissions by business activity.

Activity	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Manufacturing	96,958.05	
Research and Development	56,742.18	
Large Offices	21,214.81	
Small Offices	2,713.1	
Retail Stores	49.53	

C7.9

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Increased

C7.9a

(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

	Change in emissions (metric tons CO2e)	Direction of change	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	5,151	Decreased	3	Lenovo's new solar installations in North Carolina, USA started to be operational. The renewable energy generation of 3,403 MWh in FY 2020/21 resulted in reduced emissions of 1,048 MT CO2e. Lenovo also voluntarily purchased renewable energy in I-RECs, a form of energy attribute certificates, for our operations in Brazil, India and Mexico and GOs for our operations in EU. We increased our amount of low carbon energy purchased on a year-to-year basis from 19,052 MWh to 32,519 MWh of I-RECs in Brazil, India, and Mexico and GOs in EU. During the reporting year approximately 4,103 MT of CO2e were reduced by purchasing renewable energy in a form of those additional I-RECs and GOs, our total scope 1 and scope 2 emissions in the previous year were 170,363 MT of CO2e,

				therefore we arrived at 3.0% through (1,048+4,103/170,363)*100=3.0%.
Other emissions reduction activities	4,873	Decreased	2.9	Lenovo implemented 29 new energy efficiency projects that contributed to the GHG reduction. As an example, lightning replacement and upgrade, heat and cooling operational control improvement, HVAC upgrade, installing insulation, machine replacement and working stations/operations adjustments. During the reporting year approximately 4,873 MT of CO2e were reduced by those projects, our total scope 1 and scope 2 emissions in the previous year were 170,363 MT of CO2e, therefore we arrived at 2.9% through (4,873/170,363)*100=2.9%.
Divestment				
Acquisitions				
Mergers				
Change in output	24,610	Increased	14.5	Lenovo experienced organic growth - overall production of products increased from approximately 67.9 to 88.3 million units. A contributing factor was the COVID-19 pandemic. Lenovo's emissions from manufacturing increased by approximately 24,610 MT of CO2e, representing approximately 14.5 % of our total scope 1 and scope 2 emissions in the previous year – 170,363 MT CO2e [(24,610/170,363)*100=14.5%].
Change in methodology				
Change in boundary				
Change in physical operating conditions				
Unidentified				
Other				

C7.9b

(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Location-based

C8. Energy

C8.1

(C8.1) What percentage of your total operational spend in the reporting year was on energy?

More than 0% but less than or equal to 5%

C8.2

(C8.2) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	Yes
Consumption of purchased or acquired cooling	Yes
Generation of electricity, heat, steam, or cooling	No

C8.2a

(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	LHV (lower heating value)	0	33,156.59	33,156.59

Consumption of purchased or acquired electricity		260,165.33	32,585.38	292,750.71
Consumption of purchased or acquired steam		0	19,469.89	19,469.89
Consumption of purchased or acquired cooling		0	1,305.82	1,305.82
Total energy consumption		260,165.33	86,517.68	346,683.01

C8.2b

(C8.2b) Select the applications of your organization's consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	Yes
Consumption of fuel for the generation of heat	Yes
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

C8.2c

(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Fuels (excluding feedstocks)

Diesel

Heating value

HHV (higher heating value)

Total fuel MWh consumed by the organization

2,697.88

MWh fuel consumed for self-generation of electricity

2,697.88

MWh fuel consumed for self-generation of heat

0

Emission factor

2.76

Unit

kg CO2e per liter

Emissions factor source

Department for Business, Energy & Industrial Strategy (BEIS) - 2020 GHG Conversion Factors. Using IPCC Fourth Assessment's GWPs.

Comment

Diesel fuel (stationary combustion)

Fuels (excluding feedstocks)

Natural Gas

Heating value

HHV (higher heating value)

Total fuel MWh consumed by the organization

29,532.59

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

29,532.59

Emission factor

2.02

Unit

kg CO2e per m3

Emissions factor source

Department for Business, Energy & Industrial Strategy (BEIS) - 2020 GHG Conversion Factors. Using IPCC Fourth Assessment's GWPs.

Comment

Natural gas fuel (stationary combustion)

Fuels (excluding feedstocks)

Liquefied Petroleum Gas (LPG)

Heating value

HHV (higher heating value)

Total fuel MWh consumed by the organization

404.01

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

404.01

Emission factor

1.56

Unit

kg CO2e per liter

Emissions factor source

Department for Business, Energy & Industrial Strategy (BEIS) - 2020 GHG Conversion Factors. Using IPCC Fourth Assessment's GWPs.

Comment

LPG fuel (stationary combustion)

Fuels (excluding feedstocks)

Diesel

Heating value

HHV (higher heating value)

Total fuel MWh consumed by the organization

174.01

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

174.01

Emission factor

2.69

Unit

kg CO2e per liter

Emissions factor source

Department for Business, Energy & Industrial Strategy (BEIS) - 2020 GHG Conversion Factors. Using IPCC Fourth Assessment's GWPs.

Comment

On road diesel fuel (mobile combustion)

Fuels (excluding feedstocks)

Petrol

Heating value

HHV (higher heating value)

Total fuel MWh consumed by the organization

276.64

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

276.64

Emission factor

2.31

Unit

kg CO2e per liter

Emissions factor source

Department for Business, Energy & Industrial Strategy (BEIS) - 2020 GHG Conversion Factors. Using IPCC Fourth Assessment's GWPs.

Comment

Gasoline/petrol fuel (mobile combustion)

Fuels (excluding feedstocks)

Liquefied Petroleum Gas (LPG)

Heating value

HHV (higher heating value)

Total fuel MWh consumed by the organization

65.59

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

65.59

Emission factor

1.56

Unit

kg CO2e per liter

Emissions factor source

Department for Business, Energy & Industrial Strategy (BEIS) - 2020 GHG Conversion Factors. Using IPCC Fourth Assessment's GWPs.

Comment

LPG fuel (mobile combustion)

Fuels (excluding feedstocks)

Jet Kerosene

Heating value

HHV (higher heating value)

Total fuel MWh consumed by the organization

5.87

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

5.87

Emission factor

2.54

Unit

kg CO2e per liter

Emissions factor source

Department for Business, Energy & Industrial Strategy (BEIS) - 2020 GHG Conversion Factors. Using IPCC Fourth Assessment's GWPs.

Comment

Jet kerosene A (mobile combustion)

C8.2e

(C8.2e) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero emission factor in the market-based Scope 2 figure reported in C6.3.

Sourcing method

Power purchase agreement (PPA) with a grid-connected generator without energy attribute certificates

Low-carbon technology type

Solar

Country/area of consumption of low-carbon electricity, heat, steam or cooling

China

MWh consumed accounted for at a zero emission factor

5,661.58

Comment

Lenovo has electric solar panel installations at facilities in Hefei and Wuhan, China. Both projects are based on the model of the energy performance contracting (similar as PPA).

Sourcing method

Power purchase agreement (PPA) with a grid-connected generator with energy attribute certificates

Low-carbon technology type

Solar

Country/area of consumption of low-carbon electricity, heat, steam or cooling

United States of America

MWh consumed accounted for at a zero emission factor

3,403

Comment

Lenovo has electric solar panel installations at facilities in Morrisville and Whitsett, North Carolina. Both projects are based on the model of procure and construct.

Sourcing method

Unbundled energy attribute certificates, International REC Standard (I-RECs)

Low-carbon technology type

Wind

Country/area of consumption of low-carbon electricity, heat, steam or cooling

China

MWh consumed accounted for at a zero emission factor

195,422.54

Comment

Lenovo purchased I-RECs to cover part of electricity from our operations in China during the reporting year. All I-RECs are from 100% of renewable projects (wind) and were cancelled on behalf of Lenovo.

Sourcing method

Unbundled energy attribute certificates, International REC Standard (I-RECs)

Low-carbon technology type

Wind

Country/area of consumption of low-carbon electricity, heat, steam or cooling

Brazil

MWh consumed accounted for at a zero emission factor

8,500

Comment

Lenovo purchased I-RECs to cover part of electricity from our operations in Brazil during the reporting year. All I-RECs are from 100% of renewable projects (wind) and were cancelled on behalf of Lenovo.

Sourcing method

Unbundled energy attribute certificates, International REC Standard (I-RECs)

Low-carbon technology type

Solar

Country/area of consumption of low-carbon electricity, heat, steam or cooling

India

MWh consumed accounted for at a zero emission factor

1,908.68

Comment

Lenovo purchased I-RECs to cover part of electricity from our operations in India during the reporting year. All I-RECs are from 100% of renewable projects (solar) and were cancelled on behalf of Lenovo.

Sourcing method

Unbundled energy attribute certificates, International REC Standard (I-RECs)

Low-carbon technology type

Wind

Country/area of consumption of low-carbon electricity, heat, steam or cooling

India

MWh consumed accounted for at a zero emission factor

1,669

Comment

Lenovo purchased I-RECs to cover part of electricity from our operations in India during the reporting year. All I-RECs are from 100% of renewable projects (wind) and were cancelled on behalf of Lenovo.

Sourcing method

Unbundled energy attribute certificates, International REC Standard (I-RECs)

Low-carbon technology type

Wind

Country/area of consumption of low-carbon electricity, heat, steam or cooling

Mexico

MWh consumed accounted for at a zero emission factor

12,148.42

Comment

Lenovo purchased I-RECs to cover the electricity consumption from our operations in Mexico during the reporting year. All I-RECs are from 100% of renewable projects (wind) and were cancelled on behalf of Lenovo.

Sourcing method

Unbundled energy attribute certificates, Renewable Energy Certificates (RECs)

Low-carbon technology type

Wind

Country/area of consumption of low-carbon electricity, heat, steam or cooling

United States of America

MWh consumed accounted for at a zero emission factor

23,159.11

Comment

Lenovo purchased RECs to cover the electricity consumption from our operations in the USA during the reporting year. All RECs are Green-e certified (wind) and were cancelled on behalf of Lenovo.

Sourcing method

Unbundled energy attribute certificates, Guarantees of Origin

Low-carbon technology type

Hydropower

Country/area of consumption of low-carbon electricity, heat, steam or cooling

France

MWh consumed accounted for at a zero emission factor

2,293

Comment

Lenovo purchased Guarantees of Origin to cover part of electricity from our European operations (Germany) during the reporting year. All Guarantees of Origin are from 100% of renewable projects (hydro) and were cancelled on behalf of Lenovo.

Sourcing method

Unbundled energy attribute certificates, Guarantees of Origin

Low-carbon technology type

Wind

Country/area of consumption of low-carbon electricity, heat, steam or cooling

Norway

MWh consumed accounted for at a zero emission factor

5,588

Comment

Lenovo purchased Guarantees of Origin to cover part of electricity from our European operations (Germany, Romania, Slovakia, and United Kingdom) during the reporting year. All Guarantees of Origin are from 100% of renewable projects (solar) and were cancelled on behalf of Lenovo.

Sourcing method

Unbundled energy attribute certificates, Guarantees of Origin

Low-carbon technology type

Solar

Country/area of consumption of low-carbon electricity, heat, steam or cooling

Italy

MWh consumed accounted for at a zero emission factor

412

Comment

Lenovo purchased Guarantees of Origin to cover part of electricity from our European operations (United Kingdom) during the reporting year. All Guarantees of Origin are from 100% of renewable projects (wind) and were cancelled on behalf of Lenovo.

C9. Additional metrics

C9.1

(C9.1) Provide any additional climate-related metrics relevant to your business.

Description

Other, please specify

Renewable Energy Capacity

Metric value

16

Metric numerator

MW

Metric denominator (intensity metric only)

% change from previous year

0

Direction of change

No change

Please explain

Lenovo has installed and operated solar electric systems in Hefei, Wuhan; China, Morrisville, Whitsett; USA and a hot water solar system in Beijing, China.

Lenovo's target was to achieve 30 MW of owned or leased renewable energy generation capacity globally. The final phase of this commitment includes evaluating energy installations in Brazil and Mexico of approximately 14 MW. During 2020, travel restrictions, project complexities, and COVID-19 had impacts on the progress of the installation.

Description

Waste

Metric value

51,685

Metric numerator

Total non-haz. (51,648 MT) and haz. waste (37 MT)

Metric denominator (intensity metric only)

% change from previous year

19.93

Direction of change

Increased

Please explain

Lenovo's non-hazardous waste increased and Lenovo's hazardous waste decreased which resulted in overall waste increase by 19.93%.

Description

Waste

Metric value

95.43

Metric numerator

Non-hazardous recycling rate (%)

Metric denominator (intensity metric only)

% change from previous year

7.71

Direction of change

Increased

Please explain

Lenovo had the following global target for FY 2020/21: Maintain a global non-hazardous waste recycling rate > 90% (+/-5%).

Description

Other, please specify

Water Withdrawal

Metric value

1,428,000

Metric numerator

cubic meters

Metric denominator (intensity metric only)

% change from previous year

9.3

Direction of change

Increased

Please explain

Lenovo had the following global target for FY 2020/21: Total global water use/withdrawal will be +/- 5% of FY 2019/20.

Due to the impacts to Lenovo's operations of COVID-19, this water target was not met. Although many of Lenovo's non-manufacturing sites outside of China remained closed or partially-closed during the FY 2020/21 reporting period, Lenovo's manufacturing sites quickly reopened with new precautions in place to meet the increased demand for Lenovo products bought on by remote work and school. The increased demand led to an increase in employees at Lenovo manufacturing sites. The new precautions, such as increased shared surface cleaning and hand washing, led to greater per person water use. The increase in water use at Lenovo's manufacturing sites was not offset by the decrease in water use associated with remote work which continues to be the norm for Lenovo's research and development and office operations outside of China.

Description

Other, please specify

Wastewater Discharge

Metric value

1,294,000

Metric numerator

cubic meters

Metric denominator (intensity metric only)

% change from previous year

9.4

Direction of change

Increased

Please explain

Lenovo had the following global target for FY 2020/21: Total global wastewater generation will be +/- 5% of FY 2019/20.

Due to the impacts to Lenovo's operations of COVID-19, this water target was not met. Although many of Lenovo's non-manufacturing sites outside of China remained closed or partially-closed during the FY 2020/21 reporting period, Lenovo's manufacturing sites quickly reopened with new precautions in place to meet the increased demand for Lenovo products bought on by remote work and school. The increased demand led to

an increase in employees at Lenovo manufacturing sites. The new precautions, such as increased shared surface cleaning and hand washing, led to greater per person water use. The increase in water use at Lenovo's manufacturing sites was not offset by the decrease in water use associated with remote work which continues to be the norm for Lenovo's research and development and office operations outside of China.

C10. Verification

C10.1

(C10.1) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	Third-party verification or assurance process in place
Scope 3	Third-party verification or assurance process in place

C10.1a

(C10.1a) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Reasonable assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/ section reference

Page: 3; Section: Table named "Scope 1 and 2 Emissions - Reasonable Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Reasonable: Scope 1 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

C10.1b

(C10.1b) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Scope 2 approach

Scope 2 location-based

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Reasonable assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/ section reference

Page: 3; Section: Table named "Scope 1 and 2 Emissions - Reasonable Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Reasonable: Scope 2 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 2 approach

Scope 2 market-based

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Reasonable assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/ section reference

Page: 3; Section: Table named "Scope 1 and 2 Emissions - Reasonable Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Reasonable: Scope 2 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

C10.1c

(C10.1c) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

Scope 3 category

Scope 3: Purchased goods and services

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Limited assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/section reference

Page: 3; Section: Table named "Scope 3 Emissions - Limited Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Limited: Scope 3 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 3 category

Scope 3: Capital goods

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Limited assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/section reference

Page: 3; Section: Table named "Scope 3 Emissions - Limited Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Limited: Scope 3 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 3 category

Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Limited assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/section reference

Page: 3; Section: Table named "Scope 3 Emissions - Limited Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Limited: Scope 3 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 3 category

Scope 3: Upstream transportation and distribution

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Limited assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/section reference

Page: 3; Section: Table named "Scope 3 Emissions - Limited Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Limited: Scope 3 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 3 category

Scope 3: Waste generated in operations

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Limited assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/section reference

Page: 3; Section: Table named "Scope 3 Emissions - Limited Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Limited: Scope 3 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 3 category

Scope 3: Business travel

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Limited assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/section reference

Page: 3; Section: Table named "Scope 3 Emissions - Limited Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Limited: Scope 3 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 3 category

Scope 3: Employee commuting

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Limited assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/section reference

Page: 3; Section: Table named "Scope 3 Emissions - Limited Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Limited: Scope 3 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 3 category

Scope 3: Use of sold products

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Limited assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/section reference

Page: 3; Section: Table named "Scope 3 Emissions - Limited Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Limited: Scope 3 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 3 category

Scope 3: End-of-life treatment of sold products

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Limited assurance

Attach the statement

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

Page/section reference

Page: 3; Section: Table named "Scope 3 Emissions - Limited Assurance" and Page: 4; Section: "Level of Assurance and Materiality" (Limited: Scope 3 GHG Emissions)

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

C10.2

(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?

Yes

C10.2a

(C10.2a) Which data points within your CDP disclosure have been verified, and which verification standards were used?

Disclosure module verification relates to	Data verified	Verification standard	Please explain
C8. Energy	Energy consumption	International Standard on Assurance Engagements (ISAE) 3000 Revised, Assurance Engagements Other than Audits or Reviews of Historical Financial Information (effective for	Lenovo chose to verify the energy consumption data because it is as a proxy for calculating our emissions (multiplying source energy data, e.g. electricity, steam, fuel by emission factors results in Lenovo's emissions). The energy

		assurance reports dated on or after Dec. 15, 2015), issued by the International Auditing and Assurance Standards Board.	consumption includes both direct and indirect energy. The frequency of verification is annual and scope is global (company-wide). The verification statement is attached. The specific questions related to energy consumption: Section C7. Emissions breakdowns (C7.5) and Section C8. Energy (C8.2, C8.2a). 1
C9. Additional metrics	Other, please specify Waste - Total Non-Hazardous Waste Generated and Total Hazardous Waste Generated	International Standard on Assurance Engagements (ISAE) 3000 Revised, Assurance Engagements Other than Audits or Reviews of Historical Financial Information (effective for assurance reports dated on or after Dec. 15, 2015), issued by the International Auditing and Assurance Standards Board.	Lenovo chose to verify the non-hazardous and hazardous waste data because they are used in calculating emission from waste. The frequency of verification is annual and scope is global (companywide). The verification statement is attached. The specific questions related to waste: Section C6. Emissions data (C6.5) and Section C9. Additional metrics (C9.1). 2
C9. Additional metrics	Other, please specify Water - Total Water Withdrawal and Total Water Discharge	International Standard on Assurance Engagements (ISAE) 3000 Revised, Assurance Engagements Other than Audits or Reviews of Historical Financial Information (effective for assurance reports dated on or after Dec. 15, 2015), issued by the International Auditing and Assurance Standards Board.	Lenovo chose to verify the water withdrawal and water discharge data because water discharge data is used in calculating emission from waste and Lenovo is aware of carbon-water nexus/connection even though we do not use water in our operations, only for sanitation purposes. Lenovo recognizes the linkage between water and carbon emissions. The treatment of water requires energy and by conserving water, Lenovo recognizes that we are reducing our potential carbon emissions in addition to reducing our use of water. In addition, we recognize that water is important to the production of power, especially hydropower. Through our use of renewable energy like solar panels

			at our facilities, we are mitigating possible costs related to water shortages, reducing our carbon emissions, and reducing our indirect water use associated with generating electricity. The frequency of verification is annual and scope is global (companywide). The verification statement is attached. The specific questions related to water: Section C6. Emissions data (C6.5) and Section C9. Additional metrics (C9.1). 3

[1]TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

[2]TUV SUD final - Verification Statement Waste - 2021.pdf

[3]TUV SUD final - Verification Statement Water Withdrawal and Discharge - 2021.pdf

C11. Carbon pricing

C11.1

(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

Yes

C11.1a

(C11.1a) Select the carbon pricing regulation(s) which impacts your operations.

Beijing pilot ETS

C11.1b

(C11.1b) Complete the following table for each of the emissions trading schemes you are regulated by.

Beijing pilot ETS

% of Scope 1 emissions covered by the ETS

7.7

% of Scope 2 emissions covered by the ETS

18.4

Period start date

January 1, 2020

Period end date

December 31, 2020

Allowances allocated

29,355

Allowances purchased

0

Verified Scope 1 emissions in metric tons CO2e

560.68

Verified Scope 2 emissions in metric tons CO2e

32,704.36

Details of ownership

Facilities we own and operate

Comment

Beijing pilot ETS is running in parallel with China national ETS.

Note 1: All direct emissions (scope 1) are from facilities we own and operate. The majority of the indirect emissions (scope 2) are from facilities we own and operate.

Note 2: The gap between emitted emissions and allowed emitted emissions was covered by an allowance surplus balance from the previous year. No allowances were purchased in FY 2020/21.

C11.1d

(C11.1d) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?

Lenovo was selected for a pilot emission trading system in China. It was determined by the Beijing Municipal authority in 2013 that Lenovo Beijing is a significant energy consumption enterprise since we consumed more than 5,000 MT coal-equivalent electricity (CO2 emissions over 10,000 MT/year) and as such must meet an emissions trading requirement for our Beijing sites. Our server plant in Shenzhen is also listed as a significant carbon emission enterprise but released emissions do not exceed the allocated allowance so reductions are not required. Lenovo is closely monitoring other provinces where this pilot program has been imposed since our sites in Shanghai, Huiyang, Xiamen, Chengdu and Wuhan could be impacted in the future.

The implemented China national ETS covers high energy consumption industries such as power, cement, and steel. Because Lenovo is classified as an IT industry, the China national ETS requirements have not been imposed on our sites in China at this time.

Lenovo has a climate and energy policy and strategy in place and is working on reducing our carbon emissions globally as well as at our Beijing sites. Primary activities in support of this goal include: establishing a comprehensive energy/carbon system for Beijing sites including energy efficiency and renewable energy project identification and implementation (e.g.,

optimizing equipment control systems, installing energy-efficient lighting systems, installing solar hot water systems), implementing energy verification and energy management audits and purchasing carbon offsets. This is the sixth year for Lenovo to be a part of this scheme and since our business is developing constantly, we are expecting a need to purchase allowances. The above-implemented energy efficiency and renewable energy projects will help us meet the emissions reductions requirements.

CASE STUDY of Applying Strategy: The Beijing campus implemented an Energy Management System and obtained ISO 50001 certification. The Beijing location is committed to comply with a developed global level target for Lenovo's ISO 50001 certified locations that requires reduction of total energy consumption by at least 1.5% in the next 3 years, relative to the FY 2019/20 energy baseline. During FY 2020/21, 8 energy efficiency projects in our East campus and 3 energy efficiency projects in our West campus were implemented at our Beijing location. These projects are related to lighting, HVAC, insulation and adjusting operations. All totalled, the approved projects will generate approximately $106,000 in savings per year and reduce energy consumption by over 800,000kWh annually. It is estimated that the total annual CO2e savings will be around 700 MT CO2e.

C11.2

(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?

No

C11.3

(C11.3) Does your organization use an internal price on carbon?

No, but we anticipate doing so in the next two years

C12. Engagement

C12.1

(C12.1) Do you engage with your value chain on climate-related issues?

Yes, our suppliers

Yes, our customers

Yes, other partners in the value chain

C12.1a

(C12.1a) Provide details of your climate-related supplier engagement strategy.

Type of engagement

Compliance & onboarding

Details of engagement

Code of conduct featuring climate change KPIs

% of suppliers by number

17

% total procurement spend (direct and indirect)

96

% of supplier-related Scope 3 emissions as reported in C6.5

11

Rationale for the coverage of your engagement

Lenovo expects our suppliers to be committed to the highest standards of business behavior, including ethical corporate citizenship, and promoting sustainability. All suppliers, regardless of size or percent of procurement are required to comply with the Lenovo Supplier Code of Conduct. One of the key elements of the Code is “climate change” and we require suppliers to have a comprehensive strategy to address climate change in all aspects of their business, set aggressive and public climate change objectives and targets, measure performance against each objective and target to ensure improvement, provide transparency to the marketplace with respect to objectives and performance, obtain independent verification of the above efforts as best possible, and provide GHG inventory and other climate change reporting to Lenovo upon request.

Lenovo currently focuses on a subset of the largest suppliers by procurement spend for the collection of climate change information and carbon data, because those have the most significant impact on our GHG emissions footprint. However, Lenovo expects 100% of suppliers to comply with the Lenovo Supplier Code of Conduct.

Impact of engagement, including measures of success

Managing our supply chain responsibility starts with setting clear expectations with our suppliers in the Lenovo Supplier Code of Conduct. If a supplier meets our climate change criteria, they are in a better position to address their climate related risks and opportunities and contribute to the world’s decarbonization. If a supplier fails to meet the requirements of the Lenovo Supplier Code of Conduct, Lenovo may decide to not award new business or to terminate an existing agreement(s). We measure our success by evaluating suppliers' compliance to our requirements and by the level of their openness to discuss and incorporate improvements in their environmental programs by implementing climate change KPIs.

Comment

Type of engagement

Information collection (understanding supplier behavior)

Details of engagement

Collect climate change and carbon information at least annually from suppliers

% of suppliers by number

17

% total procurement spend (direct and indirect)

96

% of supplier-related Scope 3 emissions as reported in C6.5

11

Rationale for the coverage of your engagement

We ask our suppliers every year to formally report their environmental impact data, either via the Responsible Business Alliance or the CDP reporting methodologies and platforms. This data includes climate change indicators such as scope 1 and 2 emissions, emission reduction goals, renewable energy targets or ISO 50001 Energy Management System implementation.

Our coverage of engagement includes on average 61 suppliers out of 350, representing approximately 95% of procurement spend. The rest of our suppliers, approximately 290, represent a small percentage of about 5% spend. We prioritize our data collection by focusing on higher-spend suppliers that have a proportionally more significant impact on Lenovo's scope 3 purchased goods and services category which is determined by economic factor allocation. Engaging with all small suppliers would be very resource driven for a very small return.

Impact of engagement, including measures of success

The impact of engagement begins with explaining to our suppliers the importance and significance of collecting and reporting accurate and complete climate change information and carbon data. This is the first step for ensuring that suppliers start managing their climate related risks via establishing their climate change strategy and emission reduction goals. Our engagement strategy is to drive our suppliers to have: 1. Public GHG reduction goals with having science-based emission reduction targets as the best practice; 2. 50001 certifications; 3. CDP reporting; 4. Third-party verification of scope 1 and 2 GHG emissions and 5. 100% renewable commitments.

We measure our success based on the rate of suppliers' responses and how we meet our established annual targets in the above-mentioned areas. In general, we aim for a response rate improvement year by year. We have been achieving this goal in the past 3 years. In FY 2020/21, Lenovo determined that 91% of its suppliers by procurement spend had formal public emission reduction goals, 24% of the suppliers had established science-based emission reduction targets, 83% had indicated the use of 3rd party verification for their GHG inventory, 83% reporting via CDP, 44% of suppliers have 100% renewable energy goals, and 61% were ISO 50001 certified (at least one suppliers' manufacturing location). We see suppliers' improvements in data disclosure, data accuracy and having climate related goals (emission reductions or renewable energy goals) year-to-year.

Additionally, Lenovo used suppliers' climate and carbon data to set our own science-based target for Lenovo's scope 3 purchased goods and services category. Our

intensity goal has a base year of FY 2018/19 and a target year of FY 2029/30. In FY 2020/21, our progress in meeting this target showed 12.78 % emission intensity reduction compared to our baseline.

Comment

Type of engagement

Engagement & incentivization (changing supplier behavior)

Details of engagement

Climate change performance is featured in supplier awards scheme

% of suppliers by number

17

% total procurement spend (direct and indirect)

96

% of supplier-related Scope 3 emissions as reported in C6.5

11

Rationale for the coverage of your engagement

To ensure suppliers are following our climate change KPIs, we track related metrics on our quarterly supplier scorecards. The supplier scorecard process scores suppliers against 25 performance criteria in different categories with 25 key sustainability indicators, including GHG public reduction goals, 3rd party verification of GHG data, participation in the CDP climate change survey and renewable energy targets.

Our coverage of engagement includes on average 61 suppliers out of 350, representing approximately 95% of procurement spend. The rest of our suppliers, approximately 290, represent a small percentage of about 5% spend. We prioritize evaluation of our suppliers' climate change performance by focusing on higher-spend suppliers that have a proportionally more significant impact on Lenovo's scope 3 purchased goods and services category which is determined by economic factor allocation. Engaging with all small suppliers would be very resource driven for a very small return.

Impact of engagement, including measures of success

The supplier scorecard program is used to assess conformance to Lenovo's requirements in order to make procurement decisions. It helps ensure we are working with supply partners who meet our standards and ensure we have a responsible and resilient supply chain.

Lenovo's suppliers are expected to show climate change performance improvements. We periodically raise our expectations to motivate the ongoing improvement necessary for a transition to a low-carbon world. Suppliers with strong performance have higher opportunity for expanded or new business while suppliers who score lower on their performance put their business with Lenovo at risk.

Success is measured by maintaining or improving scorecards for our suppliers' base year over year. Suppliers meeting Lenovo's expectations are rewarded with more points for the climate related portion of their performance.

Notable Specific EXAMPLE:
Lenovo not only has set its science-based emissions reduction targets but also has been working to promote the concept of a low carbon transition with suppliers. Lenovo is engaging with and incentivizing suppliers to commit to the Science Based Target initiative (SBTi). Lenovo has a dedicated resource assigned on the Global Supply Chain Sustainability team to work on the science-based targets project with suppliers. In FY 2020/21, Lenovo sent out different surveys to understand and analyse supplier's challenges and concerns regarding SBTi and hosted training sessions in response to suppliers' needs. As a result, Lenovo has managed to change suppliers' behaviour and motivate suppliers with procurement spend up to US$360 million to commit to SBTi now or in the near future. We are looking into incorporating higher scores in the scorecard for suppliers with science-based emission reduction targets.

Comment

C12.1b

(C12.1b) Give details of your climate-related engagement strategy with your customers.

Type of engagement

Education/information sharing

Details of engagement

Share information about your products and relevant certification schemes (i.e. Energy STAR)

% of customers by number

90

% of customer - related Scope 3 emissions as reported in C6.5

70

Please explain the rationale for selecting this group of customers and scope of engagement

Lenovo shares general climate change information with all our customers via our website. In addition, we proactively post detailed product-specific climate change information for 90% of our customers by product category revenue. The detailed information and educational materials about the impact of our products help customers make informed purchasing decisions. It includes product Eco Declarations for notebooks like ThinkPads, tablets, desktops, workstations, servers, and storage, and monitors.

These documents include information about energy consumption, ENERGY STAR® status, etc. In addition, we also post Product Carbon Footprint information for many products in these same product categories.

We have chosen to engage with 90% of our customers in this manner because these products are sold directly to many customers (either large enterprise customers or household consumers) and we are these customers' primary source of information on our products. The remaining 10% of customers by revenue are related to our mobile phone business. In many geographies, Lenovo does not directly engage with consumers for these products rather we engage with mobile phone carriers that interface with consumers. Because of this difference in how we engage with this customer segment, we rely on our carrier partners to communicate technical information at the time of sale and provide this information to our partners during the request for proposal (RFP) process or directly to end users upon request.

In addition to this type of information and education material sharing, Lenovo directly engages our customers via responding to customer questions and RFPs and also thorough in person meetings in customer briefings and through calls with our sales teams and customers. In general, all customer requests for information related to GHG emissions and climate change strategies are responded to, generally with publicly available data that Lenovo has already published or with custom calculations and data upon request. Many customers have questions about Lenovo's climate change strategy, our policy, our specific goals, our progress, and measurements related to products. Environmental team staff are frequently called upon to speak with customers either via conference calls or in person at locations around the world.

Impact of engagement, including measures of success

We measure the impact of our engagement based on the number of customer complaints or negative customer feedback we get on our programs in the area of climate change, including ENERGY STAR® product availability, ECO Declaration and Product Carbon Footprint availability. We measure success based on feedback we get to our environment@lenovo.com email address and through customer surveys given to customers who participate in onsite briefings or business reviews. Our goal is 100% positive feedback, and we measure success as hitting 90% positive feedback or better per fiscal year. We obtain our measurements of feedback through our sales and briefing center staff who formally survey customers on their experience and provide feedback to the environmental team. Our goal for measuring success is 100% positive customer feedback.

In addition, we consider customer retention and acquisition metrics. Typically, customer responses are not prioritized as all customer interactions are important to Lenovo. In some instances, customers may have questions about the carbon impact of particular products under consideration and Lenovo can provide general or customized information at the product level depending upon what the customer requires. Lenovo is expanding our customer experience analytics and any feedback on climate change and energy efficiency gained through this process will be evaluated and used to enhance our programs as warranted.

C12.1d

(C12.1d) Give details of your climate-related engagement strategy with other partners in the value chain.

Other partners – Investors

Lenovo views our investors and the investor community as another important stakeholder with interest in our GHG emissions and climate change strategies. Our primary means of communicating widely with investors is via our Annual Report, which contains an Environment section and via our stand alone Environmental, Social and Governance (ESG) Report, which is published annually. Both of these documents typically include information about our greenhouse gas emissions and our climate change strategy, with the ESG Report containing a more exhaustive description of our programs.

Lenovo is frequently asked to participate in investor surveys. We prioritize these based on what market they serve (i.e., Lenovo is traded on the Hang Seng Index, therefore we prioritize participation in the Hang Seng Sustainability Index vs. other indices for other markets). We also participate in broad investor research. We prioritize this research based on our understanding of the quality and influence of the resulting analysis and reporting. We have also spoken in the past directly with analysts and investors at various conference calls and meetings. Additionally, Lenovo provides investor access via emails and replies to email enquiries about the company's ESG practices including climate change.

At a macro level, we use our overall stock price and performance as a measure of our success in this area. At a more local level, we use direct feedback from the analysts with whom we are interacting to learn more about industry performance and how Lenovo measures compared to our competitors.

CASE STUDY:
Interest in climate change among investors has increased significantly. In FY 2020/21 one of our key institutional investors requested Lenovo to provide detailed information on our climate change strategy, program, metrics, and goals. To ensure comprehensive and accurate responses were provided, Lenovo held a discussion with the investor and key Lenovo Subject Matter Experts and management to discuss the climate change topic. During the meeting both parties shared climate change information and engaged in productive discussion about the transition to a low carbon future. Some additional analytic information was shared with the investor after the meeting. In addition, this investor shared their commitment to net-zero and a call to action. Lenovo expects continued engagement with this investor and others on the topic of climate change and as a result of this engagement we are taking the investor's call to action into account as we investigate Lenovo's net-zero strategy and our plans to transition to a low carbon future. We have also used this investor's interest and call to action in briefings with senior leadership.

C12.3

(C12.3) Do you engage in activities that could either directly or indirectly influence public policy on climate-related issues through any of the following?

Direct engagement with policy makers
Trade associations
Funding research organizations

C12.3a

(C12.3a) On what issues have you been engaging directly with policy makers?

Focus of legislation	Corporate position	Details of engagement	Proposed legislative solution
Other, please specify Product Carbon Footprint Standards	Support with minor exceptions	Lenovo is engaged with the Ministry of Industry and Information Technology of the People's Republic of China on the development of the Product Carbon Footprint (PCF) China Standard. Lenovo has been supporting the project in the following four areas: Product Category Rule, Desktop PCF, Notebook PCF, and PCF Certification. Additionally, Lenovo has been participating in a pilot test activity for Low Carbon Product Certification in China. Our printer business unit was directly involved and joined the pilot test of the standard by providing feedback and comments. Lenovo will continue supporting the Low Carbon Product Certification work for other product categories in future. Lenovo has been participating in the standardization work of "Technical specification for carbon footprint of products – microcomputers" and is also engaged in the "Plastic, bio-plastic product carbon footprint and environmental footprint –	Lenovo supports inclusion of the approved use of streamlined carbon life cycle assessment methodologies such as was developed through the PAIA (Product Attribute Impact Algorithm) project by MIT University Materials Lab and partners.

		General Principles" standard in China. Plus, Lenovo joined the Chinese Institute of Electronics' Green Data Center Low Carbon Action Protocol.	
Other, please specify IEC Technical Report 1	Support with minor exceptions	Lenovo participated in the development of the IEC TC100 technical report for streamlined PCF (TR 62921), Quantification Methodology for Greenhouse Gas Emissions for Computers and Monitors. The goal of this TR is to support universal streamlined product greenhouse gas methodologies for practitioners, with a further goal of harmonizing the various regional efforts currently in progress. Lenovo is participating in the development of the IEC TC111 WG 17 GHG standard. Companies will use this GHG standard to declare or disclose the information about CO2 emissions, emission reductions and avoided emissions from any electrical and electronic products, solution, or system on the basis of an international standard, linking social needs for CO2 emission reductions with contribution to CO2 emission reductions.	Lenovo supports having globally recognized accurate and efficient resources for carrying out product carbon footprint calculations.
Other, please specify International and China Product Carbon Life Cycle Assessment (LCA) Standards	Support	Lenovo participated in drafting the China national standard GB/T 37552-2019 Guidance on the life cycle assessment for electrical and electronic products. The standard guides how to assess the electronic products' environmental impact by LCA methodology. Lenovo is listed as the second drafter in the standard.	Lenovo supports standardizing the LCA process for measuring the environmental impacts in the industry.

		In China, Lenovo is participating in the development of IEC TC111 ahG15 "Product category rules for life cycle assessment of electrical and electronic products and systems". This standard establishes product category rules for life cycle assessment of electrical and electronic products and systems and will support the environmental footprint calculation.	
Energy efficiency	Support	Working through the Information Technology Industry Council (ITI), Lenovo, IT OEMs and associated NGOs engage in collaborative discussions with the US Environmental Protection Agency (EPA) and the US Department of Energy (DOE) on enhancements and updates to the ENERGY STAR® programs for a wide range of IT products; i.e., Desktop, Notebook and Workstation Computers, Servers, and Monitors. Similarly, these efforts also extend globally to standards organizations and regulatory bodies in Europe, Asia, Latin America, Africa and the Middle East in the development and update of current and emerging product energy efficiency metrics and requirements.	Although ENERGY STAR® is a voluntary program/initiative its framework provides the basis for a number of US and worldwide regulations that focus on the power consumption and energy efficiency performance metrics for consumer and commercial office equipment, computers and visual display products; i.e., DOE/California Energy Commission (CEC), EU ErP, Australia MEP regs for Computers, Servers, external power adapters, battery charger systems, Monitors, etc. The collective benefits from this singular focus on reducing product power consumption and improving energy efficiency contribute to the continued reduction in worldwide carbon emissions and electricity consumption.
Clean energy generation	Support	Working with the China Ministry of Communications and the China Communications and Transportation Association on clean energy generation, enabling new energy transportation generalization and supporting new energy transportation implementation.	Lenovo encourages logistics providers on new energy vehicle implementation (especially on final mile delivery) and proposes rail service for long haul transportation.

[1]IEC Technical Report for Computers and Monitors

C12.3b

(C12.3b) Are you on the board of any trade associations or do you provide funding beyond membership?

Yes

C12.3c

(C12.3c) Enter the details of those trade associations that are likely to take a position on climate change legislation.

Trade association

Electronic Product Stewardship Canada

Is your position on climate change consistent with theirs?

Consistent

Please explain the trade association's position

Electronic Product Stewardship Canada (EPSC) is engaged in promoting sound energy management policies and regulations in Canada at the Federal, Provincial, and Territorial level, specifically for the electronics industry. In addition, EPSC is the leading trade association in Canada for designing enhanced end of life solutions for electronics products in Canada, including optimizing these programs for efficiency. EPSC recognizes the importance of conserving energy in their Annual Design for Environment Report (https://epsc.ca/wp-content/uploads/EPSC_Report_2020_Web-002.pdf). This includes recognition of the importance of energy efficiency in product use and energy efficiency gains from redesign of product packaging. The EPSC's Annual Design for Environment Report emphasizes members support for energy efficiency programs like ENERGY STAR® and improving energy efficiency in manufacturing.

How have you influenced, or are you attempting to influence their position?

Yes, as a Board member of EPSC, Lenovo has been involved in meeting with fellow EPSC members and government regulators to try to improve energy efficiency regulation in Canada. In 2020 Lenovo, through EPSC was involved in extensive discussions around new NRCan and Provincial energy efficiency and labelling requirements for electronic products, and with the Ontario and Quebec provincial governments on Enhanced Producer Responsibility and packaging recycling.

C12.3d

(C12.3d) Do you publicly disclose a list of all research organizations that you fund?

No

C12.3f

(C12.3f) What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy?

Lenovo's corporate communications procedures require engagement of the Global Director of Environmental Affairs and the Corporate Communications team with regard to external communications/activities involving environmental issues, including climate change. This is a global level process across Lenovo business units and locations at worldwide geographies. Also, external and internal communications and environmental policy and strategy are discussed with Senior Management at least annually during scheduled environmental management reviews.

C12.4

(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Publication

In mainstream reports

Status

Complete

Attach the document

Annual Report 2020-2021.pdf

Page/Section reference

Lenovo's FY 2020/21 Annual Report titled "Smarter technology for all" -- Pages 36-38 in the section named "Environment" of the report (specific subsection named "Climate Change")

Content elements

Governance
Strategy
Risks & opportunities
Emission targets

Comment

Lenovo signed the Climate Disclosure Standards Board statement on fiduciary duty & climate change disclosure. We disclose climate change information in our Annual Report and work towards using the Climate Disclosure Standards Board framework or equivalent frameworks for that purpose.

Publication
In voluntary communications

Status
Complete

Attach the document
Lenovo Climate Change Website.docx

Page/Section reference
Lenovo's company external climate change website, Sustainability part, Planet - Environmental Commitment - Climate Change section (specific sub-webpages named Approach, Performance, Operations and Supply Chain).

Content elements
Governance
Strategy
Risks & opportunities
Emissions figures
Emission targets

Comment
Note: The FY 2020/2021 GHG inventory numbers will be added in the next few weeks.

Publication
In voluntary sustainability report

Status
Underway – previous year attached

Attach the document
Sustainability Report 2019.2020.pdf

Page/Section reference
Lenovo's environmental, social and governance (sustainability) report titled "Smarter technology with a purpose" for FY 2019-2020 -- Pages 94-103 in the section named "Planet"

Content elements
Governance
Strategy
Risks & opportunities
Emissions figures
Emission targets

Other metrics

Comment

C15. Signoff

C-FI

(C-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

C1. Governance
Lenovo's Chief Corporate Responsibility Officer (CRO) has the same responsibilities as Chief Sustainability Officer (CSO) and acts in a similar capacity.

C6.1 and C6.3
Lenovo's Scope 1 emissions were 7,268.51 MT CO2e which was rounded during our external verification to 7,269 MT CO2e (verification statement attached). Some sections of the survey (e.g. C7. Emissions breakdowns) have Scope 1 emissions with decimal points included.

Lenovo's Scope 2 emissions (location-based) were 177,677.67 MT CO2e which was rounded during our external verification to 177,678 MT CO2e (verification statement attached). Some sections of the survey (e.g. C7. Emissions breakdowns) have Scope 2 emissions with decimal points included.

C7.2 and C7.5
Rest of World includes Lenovo's office sites worldwide (small and large - except offices in listed regions).

C8.2a and C8.2c
Lenovo's direct and indirect energy consumption was 346,683.02 MWh which was rounded during our external verification to 346,683 MWh (verification statement attached). Some sections of the survey (e.g. C8. Energy) have total energy consumption with decimal points included.

SC4.1 Further information for our selection of "No, I am not providing data".
Lenovo has calculated the product carbon footprint (PCF) of its typical laptop, desktop, monitor, tablet, all-in-one, thin client and server by using the Product Attribute Impact Algorithm (PAIA) tools for streamlined calculation of PCF developed by Massachusetts Institute of Technology's Materials laboratory and partners. Lenovo published those PCF ranges on its external website for stakeholders' use. Moreover, Lenovo provides carbon emission data on any hardware/component products (if available) upon customers' request. Each new released notebook, desktop, monitor, tablet, all-in-one, thin client and server is required to have a PCF calculated using the PAIA tools. Lenovo PCF Information Sheets for some of our existing

products and all new products released after July 2015 are available externally on Lenovo's website https://www.lenovo.com/us/en/social_responsibility/datasheets_notebooks.

General note
This response covers Lenovo and Motorola Mobility LLC (Motorola).

TUV SUD final - Verification Statement GHG Emissions and Energy Consumption - 2021.pdf

C15.1

(C15.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Chairman of the Board and Chief Executive Officer	Board chair

SC. Supply chain module

SC0.0

(SC0.0) If you would like to do so, please provide a separate introduction to this module.

Lenovo’s climate change strategy focuses on direct and indirect greenhouse gas emissions associated with:

1. Lenovo internal operations from our own facilities.
2. Energy supplies and their operational emissions which are attributable to our activities.
3. Our supply chain and emissions associated with the production and delivery of goods and services to Lenovo.
4. Our customers and the emission associated with their procurement, use and disposal our products.
5. Government, non-profit organizations, and public actions in support of transition to a low carbon economy.

Lenovo is making progress in all of these areas of influence. We continue to improve our understanding of supply chain operations and customer activities which enhances our ability to identify, track and quantify related climate change impacts.

SC0.1

(SC0.1) What is your company’s annual revenue for the stated reporting period?

	Annual Revenue
Row 1	60,742,000,000

SC0.2

(SC0.2) Do you have an ISIN for your company that you would be willing to share with CDP?

Yes

SC0.2a

(SC0.2a) Please use the table below to share your ISIN.

	ISIN country code (2 letters)	ISIN numeric identifier and single check digit (10 numbers overall)
Row 1	HK	0992009065

SC1.1

(SC1.1) Allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period.

Requesting member

Ambev S.A

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Ambev S.A

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

9

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Ambev S.A

Scope of emissions
Scope 3

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
117

Uncertainty (±%)
10

Major sources of emissions
Scope 3: Purchased goods and services

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
AT&T Inc.

Scope of emissions
Scope 1

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

AT&T Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

AT&T Inc.

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

13

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
Bristol-Myers Squibb

Scope of emissions
Scope 1

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
2

Uncertainty (±%)
10

Major sources of emissions
Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Bristol-Myers Squibb

Scope of emissions
Scope 2

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

49

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Bristol-Myers Squibb

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

626

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

BT Group

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

4

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

BT Group

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

86

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

BT Group

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1,100

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

CBRE Group, Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

CBRE Group, Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

20

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has

been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
CBRE Group, Inc.

Scope of emissions
Scope 3

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
259

Uncertainty (±%)
10

Major sources of emissions
Scope 3: Purchased goods and services

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
Clorox Company

Scope of emissions
Scope 1

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Clorox Company

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

13

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Clorox Company

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

171

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for

2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
Deutsche Telekom AG

Scope of emissions
Scope 1

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
0

Uncertainty (±%)
10

Major sources of emissions
Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Deutsche Telekom AG

Scope of emissions
Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Deutsche Telekom AG

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Flex Ltd.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has

been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Flex Ltd.

Scope of emissions
Scope 2

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
5

Uncertainty (±%)
10

Major sources of emissions
Scope 2 (location-based): purchased electricity and steam

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Flex Ltd.

Scope of emissions
Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

67

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Fujitsu Limited

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Fujitsu Limited

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including

manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Fujitsu Limited

Scope of emissions
Scope 3

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
2

Uncertainty (±%)
10

Major sources of emissions
Scope 3: Purchased goods and services

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
HSBC Holdings plc

Scope of emissions
Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

5

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

HSBC Holdings plc

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

117

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

HSBC Holdings plc

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1,506

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for

2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
Imperial Brands

Scope of emissions
Scope 1

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
0

Uncertainty (±%)
10

Major sources of emissions
Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Imperial Brands

Scope of emissions
Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

11

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Imperial Brands

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

138

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Intel Corporation

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

4

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has

been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Intel Corporation

Scope of emissions
Scope 2

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
95

Uncertainty (±%)
10

Major sources of emissions
Scope 2 (location-based): purchased electricity and steam

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Intel Corporation

Scope of emissions
Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1,224

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

KPMG UK

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

KPMG UK

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

4

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including

manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

KPMG UK

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

55

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Michelin

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

2

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Michelin

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

45

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Michelin

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

573

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for

2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Microsoft Corporation

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

226

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Microsoft Corporation

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

5,518

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Microsoft Corporation

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

70,918

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Nokia Group

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

2

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has

been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Nokia Group

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

37

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Nokia Group

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

479

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Robert Bosch GmbH

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

4

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Robert Bosch GmbH

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

105

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including

manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Robert Bosch GmbH

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1,356

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Swisscom

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Swisscom

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

36

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Swisscom

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

461

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for

2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
The Coca-Cola Company

Scope of emissions
Scope 1

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
2

Uncertainty (±%)
10

Major sources of emissions
Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
The Coca-Cola Company

Scope of emissions
Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

55

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

The Coca-Cola Company

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

709

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Verizon Communications Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

3

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has

been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Verizon Communications Inc.

Scope of emissions
Scope 2

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
78

Uncertainty (±%)
10

Major sources of emissions
Scope 2 (location-based): purchased electricity and steam

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Verizon Communications Inc.

Scope of emissions
Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1,002

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Vodafone Group

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

4

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Vodafone Group

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

98

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including

manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Vodafone Group

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1,261

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Wal Mart de Mexico

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

9

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Wal Mart de Mexico

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

216

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Wal Mart de Mexico

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

2,780

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for

2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
Accenture

Scope of emissions
Scope 1

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
6

Uncertainty (±%)
10

Major sources of emissions
Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Accenture

Scope of emissions
Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

140

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Accenture

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1,796

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Accor

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has

been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Accor

Scope of emissions
Scope 2

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
0

Uncertainty (±%)
10

Major sources of emissions
Scope 2 (location-based): purchased electricity and steam

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Accor

Scope of emissions
Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Alphabet, Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

13

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Alphabet, Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

327

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including

manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Alphabet, Inc.

Scope of emissions
Scope 3

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
4,203

Uncertainty (±%)
10

Major sources of emissions
Scope 3: Purchased goods and services

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
Amdocs Ltd

Scope of emissions
Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Amdocs Ltd

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

26

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Amdocs Ltd

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

333

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for

2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

AstraZeneca

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

3

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

AstraZeneca

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

75

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

AstraZeneca

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

965

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

California Department of General Services (DGS)

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has

been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
California Department of General Services (DGS)

Scope of emissions
Scope 2

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
0

Uncertainty (±%)
10

Major sources of emissions
Scope 2 (location-based): purchased electricity and steam

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
California Department of General Services (DGS)

Scope of emissions
Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Citrix Systems

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Citrix Systems

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

12

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including

manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Citrix Systems

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

154

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Goldman Sachs Group Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Goldman Sachs Group Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

4

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Goldman Sachs Group Inc.

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

47

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for

2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member
GSMA

Scope of emissions
Scope 1

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
0

Uncertainty (±%)
10

Major sources of emissions
Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
GSMA

Scope of emissions
Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

GSMA

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Stanley Black & Decker, Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has

been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Stanley Black & Decker, Inc.

Scope of emissions
Scope 2

Allocation level
Company wide

Allocation level detail

Emissions in metric tonnes of CO2e
20

Uncertainty (±%)
10

Major sources of emissions
Scope 2 (location-based): purchased electricity and steam

Verified
No

Allocation method
Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made
The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member
Stanley Black & Decker, Inc.

Scope of emissions
Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

251

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Telefónica

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

2

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Telefónica

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

37

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including

manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Telefónica

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

478

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

Walmart, Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

55

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Walmart, Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1,337

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

Walmart, Inc.

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

17,182

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers’ scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for

2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

Requesting member

World Bank Group

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 1: on-site combustion - natural gas, diesel, and liquefied petroleum gas

Verified

Yes

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

World Bank Group

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 2 (location-based): purchased electricity and steam

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

The GHG sources are identified by site, regional or global GHG data coordinators on a regular basis. Major emission sources such as purchased electricity, steam, natural gas, diesel, and liquefied petroleum gas reflect Lenovo's operations including manufacturing/assembly and research and development. Lenovo's GHG inventory has been verified by an independent third party since FY 2009/10. The verification process includes, among other areas, also checking and assuring the source of emissions.

Requesting member

World Bank Group

Scope of emissions

Scope 3

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

0

Uncertainty (±%)

10

Major sources of emissions

Scope 3: Purchased goods and services

Verified

No

Allocation method

Allocation based on the market value of products purchased

Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

Lenovo obtained suppliers' scope 1 and 2 GHG emissions via the Responsible Business Alliance platform, the CDP reporting or suppliers' annual/sustainability/financial reports. These 70 suppliers represented 96% of Lenovo's procurement spend and accounted for 2,283,500 MT CO2e of allocated emissions. The emission factors and GWP values were embedded in suppliers' reports.

SC1.2

(SC1.2) Where published information has been used in completing SC1.1, please provide a reference(s).

The Corporate Value Chain (Scope 3) Accounting and Reporting Standard aka Supplement to the GHG Protocol Corporate Accounting and Reporting Standard was used for allocating emissions.

Lenovo currently uses economic allocation based on total revenue generated by customer sales and allocates emissions based upon Lenovo's annual total revenue.

The calculation is as follows:
allocated customers emissions = Lenovo's scope 1 emissions x (Lenovo's revenue with customers / Lenovo's revenue)
allocated customers emissions = Lenovo's scope 2 emissions x (Lenovo's revenue with customers / Lenovo's revenue)
allocated customers emissions = Lenovo's scope 3 purchased goods and services emissions x (Lenovo's revenue with customers / Lenovo's revenue)

Lenovo's scope 1, scope 2 and scope 3 (including purchased goods and services category) emissions are externally reported to the CDP Climate Change survey and externally published on Lenovo's website and in Lenovo's Environmental, Social and Governance Report. Lenovo's revenue is publicly available in Lenovo's Annual Report. Lenovo's revenues with customers are confidential and used only internally.

SC1.3

(SC1.3) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?

Allocation challenges	Please explain what would help you overcome these challenges
Diversity of product lines makes accurately accounting	Lenovo has a diversified pool of customers and a quite broad product selection that is sold to these customers which make emission

for each product/product line cost ineffective	allocation challenging. Lenovo believes that industry-specific standards, tools, and allocation methods would make it easier to determine relationship accurately and credibly between the production of individual products or product families and their resulting emissions for Lenovo's customers.
Customer base is too large and diverse to accurately track emissions to the customer level	Lenovo has a diversified pool of customers and a quite broad product selection that is sold to these customers which make emission allocation challenging. Lenovo believes that industry-specific standards, tools, and allocation methods would make it easier to determine relationship accurately and credibly between the production of individual products or product families and their resulting emissions for Lenovo's customers.

SC1.4

(SC1.4) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

Yes

SC1.4a

(SC1.4a) Describe how you plan to develop your capabilities.

Lenovo is aware that economic allocation methodology comes with uncertainty and potential inaccuracy. Lenovo would like to use physical allocation or industry-specific allocation methods in the future. It would be very helpful if academia and ICT companies collaborated and developed ICT specific allocation method based on product carbon footprint of products.

SC2.1

(SC2.1) Please propose any mutually beneficial climate-related projects you could collaborate on with specific CDP Supply Chain members.

Requesting member

Ambev S.A

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

AT&T Inc.

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

Bristol-Myers Squibb

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify
Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member
BT Group

Group type of project
Other, please specify
see Details of proposal section

Type of project
Other, please specify
see Details of proposal section

Emissions targeted
Other, please specify
see Details of proposal section

Estimated timeframe for carbon reductions to be realized
Other, please specify
Depends

Estimated lifetime CO2e savings

Estimated payback
Other, please specify
Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

CBRE Group, Inc.

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

Clorox Company

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

Deutsche Telekom AG

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and

environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

Flex Ltd.

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.

5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

Fujitsu Limited

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

HSBC Holdings plc

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

Imperial Brands

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

1. Reduce emissions associated with the transport of goods by using more environmentally friendly modes of transportation.
2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
3. Reduce emissions by focusing on products with a higher volume of post-consumer recycled content.
4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

Intel Corporation

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

Lenovo is always open for the collaborative development of emission reduction activities - either related to products or site projects.

If a customer is interested, Lenovo could collaborate in the following areas:

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2. Reduce emissions with packaging of goods by using bulk shipments and environmentally friendly packaging alternatives.
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4. Reduce emissions by offering products with higher energy efficiency features.
5. Reduce emissions by exploring low carbon or net-zero innovations for sold products.
6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

KPMG UK

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

Michelin

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Microsoft Corporation

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Nokia Group

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify
Depends

Details of proposal

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Requesting member
Robert Bosch GmbH

Group type of project
Other, please specify
see Details of proposal section

Type of project
Other, please specify
see Details of proposal section

Emissions targeted
Other, please specify
see Details of proposal section

Estimated timeframe for carbon reductions to be realized
Other, please specify
Depends

Estimated lifetime CO2e savings

Estimated payback
Other, please specify
Depends

Details of proposal

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Requesting member

Swisscom

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

The Coca-Cola Company

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Verizon Communications Inc.

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Vodafone Group

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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6. Reduce emissions by entering into partnerships with customers for site energy efficiency and renewable energy procurement.

Requesting member

Wal Mart de Mexico

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Accenture

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Accor

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Alphabet, Inc.

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Amdocs Ltd

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

AstraZeneca

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

California Department of General Services (DGS)

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Citrix Systems

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify
Depends

Details of proposal

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Requesting member
Goldman Sachs Group Inc.

Group type of project
Other, please specify
see Details of proposal section

Type of project
Other, please specify
see Details of proposal section

Emissions targeted
Other, please specify
see Details of proposal section

Estimated timeframe for carbon reductions to be realized
Other, please specify
Depends

Estimated lifetime CO2e savings

Estimated payback
Other, please specify
Depends

Details of proposal

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Requesting member

GSMA

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

Details of proposal

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Requesting member

Stanley Black & Decker, Inc.

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

Depends

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Requesting member

Telefónica

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

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Details of proposal

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Requesting member

Walmart, Inc.

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

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Requesting member

World Bank Group

Group type of project

Other, please specify

see Details of proposal section

Type of project

Other, please specify

see Details of proposal section

Emissions targeted

Other, please specify

see Details of proposal section

Estimated timeframe for carbon reductions to be realized

Other, please specify

Depends

Estimated lifetime CO2e savings

Estimated payback

Other, please specify

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SC2.2

(SC2.2) Have requests or initiatives by CDP Supply Chain members prompted your organization to take organizational-level emissions reduction initiatives?

No

SC4.1

(SC4.1) Are you providing product level data for your organization's goods or services?

No, I am not providing data

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I am submitting to	Public or Non-Public Submission	Are you ready to submit the additional Supply Chain questions?
I am submitting my response	Investors Customers	Public	Yes, I will submit the Supply Chain questions now

Please confirm below

I have read and accept the applicable Terms