

C0. Introduction

C0.1

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

Cisco designs and sells a broad range of technologies that power the Internet. We are integrating our platforms across networking, security, collaboration, applications and the cloud. These platforms are designed to help our customers manage more users, devices and things connecting to their networks. This will enable us to provide customers with a highly secure, intelligent platform for their digital business.

We conduct our business globally and manage our business by geography. Our business is organized into the following three geographic segments: Americas; Europe, Middle East, and Africa (EMEA); and Asia Pacific, Japan, and China (APJC).

Our products and technologies are grouped into the following categories: Infrastructure Platforms; Applications; Security and Other Products. In addition to our product offerings, we provide a broad range of service offerings, including technical support services and advanced services. Increasingly, we are delivering our technologies through software and services. Our customers include businesses of all sizes, public institutions, governments, and service providers, including large webscale providers. These customers often look to us as a strategic partner to help them use information technology (IT) to differentiate themselves and drive positive business outcomes.

The responses in this questionnaire contain forward-looking statements that are subject to the safe harbors created under the Securities Act of 1933, as amended, and the Securities Exchange Act of 1934, as amended. All statements other than statements of historical facts are statements that could be deemed forward-looking statements. These statements are based on expectations, estimates, forecasts, and projections about the industries in which we operate and the beliefs and assumptions of our management. Words such as "expects," "anticipates," "targets," "goals," "projects," "intends," "plans," "believes," "momentum," "seeks," "estimates," "continues," "endeavors," "strives," "may," variations of such words, and similar expressions are intended to identify such forward-looking statements. In addition, any statements that refer to (1) our goals, commitments and programs; (2) our business plans, initiatives and objectives; (3) our assumptions and expectations; (4) the scope and impact of our corporate responsibility risks and opportunities; and (5) standards and expectations of third parties. These forward-looking statements are only predictions and are subject to risks, uncertainties, and assumptions that are difficult to predict, including those identified in our most recent filings with the Securities and Exchange Commission on Form 10-K and Form 10-Q.

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	Select the number of past reporting years you will be providing emissions data for
Reporting year	August 1 2020	July 31 2021	Yes	2 years

C0.3

(C0.3) Select the countries/areas in which you operate.

- Algeria
- Angola
- Argentina
- Armenia
- Australia
- Austria
- Azerbaijan
- Bahrain
- Bangladesh
- Belarus
- Belgium
- Bosnia & Herzegovina
- Brazil
- Bulgaria
- Canada
- Chile
- China
- China, Macao Special Administrative Region
- Colombia
- Costa Rica
- Croatia
- Czechia
- Denmark
- Dominican Republic

Ecuador
Egypt
El Salvador
Estonia
Ethiopia
Finland
France
Germany
Greece
Guatemala
Hong Kong SAR, China
Hungary
Iceland
India
Indonesia
Ireland
Israel
Italy
Japan
Jordan
Kazakhstan
Kenya
Kuwait
Latvia
Lebanon
Lithuania
Luxembourg
Malaysia
Malta
Mexico
Morocco
Myanmar
Netherlands
New Zealand
Nigeria
Norway
Oman
Pakistan
Panama
Peru
Philippines
Poland
Portugal
Puerto Rico
Qatar
Republic of Korea
Romania
Russian Federation
Saudi Arabia
Senegal
Serbia
Singapore
Slovakia
Slovenia
South Africa
Spain
Sri Lanka
Sweden
Switzerland
Taiwan, China
Thailand
Tunisia
Turkey
Ukraine
United Arab Emirates
United Kingdom of Great Britain and Northern Ireland
United States of America
Uzbekistan
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

C0.8

(C0.8) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

Indicate whether you are able to provide a unique identifier for your organization	Provide your unique identifier
Yes, a Ticker symbol	CSCO

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-level committee	i) How responsibilities of the committee are related to climate issues: Cisco's Nomination and Governance (N&G) Committee of its Board of Directors has responsibility for climate-related issues and related risk oversight responsibility rests with the Audit Committee of Cisco's Board of Directors. The ERM team, the N&G Committee, and the Board as a whole receive updates from senior management. The Board, receive updates from the Chief People, Policy, and Purpose Officer who is the executive sponsor for all initiatives impacting operations, including Scope 1 & 2 emissions reduction, renewable energy, water conservation, and waste reduction, and Cisco's response to the annual CDP questionnaires. ii) Example of climate-related decision: In September 2021, Cisco committed to reach net zero for greenhouse gas (GHG) emissions across all scopes by fiscal year 2040, 10 years ahead of when climate scientists say the planet must reach net zero to avoid the worst impacts of climate change. Cisco's net zero goal will be supported by ambitious near-term targets, including to reach net zero for all global Scope 1 and Scope 2 emissions by fiscal year 2025 and the reduction of Cisco's supply chain-related Scope 3 GHG emissions by 30% absolute by fiscal year 2030. Cisco's sustainability strategy, including its related net zero commitments, is set by management with oversight by the Board.

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	Scope of board-level oversight	Please explain
Scheduled – some meetings	Reviewing and guiding risk management policies	<Not Applicable>	The Board of Directors, acting directly and through its committees, is responsible for the oversight of Cisco's risk management. Cisco's Enterprise Risk Management (ERM) team has oversight of the identification, prioritization, aggregation, mitigation, and ownership of significant risks across the organization. The ERM team is made up of leaders from functional areas of the company and manages risk assessment, risk ranking, establishing risk mitigation. The ERM team includes an executive committee and an operating committee. The ERM executive committee consists of members of senior management, including EVP and CFO, EVP and COO, and EVP, Chief Legal Officer. The ERM operating committee provides semi-annual updates to the ERM executive committee and also provides regular reports to the Audit Committee of the Board of Directors.

C1.1d

(C1.1d) Does your organization have at least one board member with competence on climate-related issues?

	Board member(s) have competence on climate-related issues	Criteria used to assess competence of board member(s) on climate-related issues	Primary reason for no board-level competence on climate-related issues	Explain why your organization does not have at least one board member with competence on climate-related issues and any plans to address board-level competence in the future
Row 1	Yes	We use prior experience to assess competence.	<Not Applicable>	<Not Applicable>

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)	Reporting line	Responsibility	Coverage of responsibility	Frequency of reporting to the board on climate-related issues
Other C-Suite Officer, please specify (Chief People, Policy & Purpose Officer)	<Not Applicable>	Both assessing and managing climate-related risks and opportunities	<Not Applicable>	Quarterly

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).

Cisco's Chief People, Policy & Purpose Officer oversees critical functions that instill Cisco's conscious culture, contribute to the company's overall performance, and advance Cisco's purpose to Power an Inclusive Future for All.

Cisco's Chief People, Policy & Purpose Officer leads an ecosystem comprised of People & Communities, Corporate Affairs, Workplace Resources, and Government Affairs & Country Digital Acceleration. This strategic alignment of functions and expertise ensures holistic care for the well-being of Cisco's people, establishes Cisco as a trusted and valued partner to governments and global leaders, and extends Cisco's reach to positively impact communities everywhere in alignment with the company purpose.

Corporate Affairs, as part of the People, Policy, and Purpose organization, champions Cisco's strategic approach to CSR. The organization also stewards our commitments to CSR performance and manages ESG reporting. Corporate Affairs sets Cisco's overall CSR strategy and environmental sustainability is represented by the Chief People, Policy, and Purpose Officer.

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 incentivized	Comment
Other C-Suite Officer	Monetary reward	Emissions reduction target	Energy / GHG emissions is Cisco's most material environmental issue. Cisco's Chief People, Policy & Purpose Officer is the executive sponsor responsible and governs our major environmental and climate change initiatives and goals. The performance of these initiatives and the achievement of our energy and emission reduction targets impacts bonuses awarded.
Management group	Monetary reward	Emissions reduction target	Our Senior Vice President, Supply Chain Operations is the executive sponsor of initiatives related to supplier operations' energy efficiency and GHG emissions reduction. The performance and achievement of our supply chain emissions reduction target impacts bonuses awarded.
Environment/Sustainability manager	Monetary reward	Emissions reduction target	Bonuses for environment/sustainability managers are tied to continuous improvement efforts, including in energy efficiency and/or carbon emissions reductions. Additional indicators include: 1. Communicate climate change issues and initiatives internally and externally; 2. Be an effective proxy representing external stakeholders views when setting priorities with internal business functions; 3. Effectively report Cisco performance to external stakeholders in our CSR Report; in surveys for CDP, DJSI, Global 100 and many customers; media inquiries; and analyst meetings 4. Set and meet GHG reduction goals.
Energy manager	Monetary reward	Emissions reduction target	1. Meet emissions reduction targets (Scope 1 and 2, global average emissions factor, renewables portfolio) 2. Utilize budgeted funds for energy efficiency improvement and greenhouse gas reduction initiatives.
All employees	Non-monetary reward	Energy reduction target	Cisco has annual competitions among its buildings participating in the annual shutdown. Employees that show the greatest energy savings in their building are eligible to receive a paid catered event for their energy and emissions reduction efforts and recognition through a plaque that highlights their savings, installed prominently in the building.
Chief Executive Officer (CEO)	Monetary reward	Emissions reduction target	We consider each executive's progress towards Cisco's ESG-related initiatives in the individual performance factor portion of the Cisco Systems, Inc. Executive Incentive Plan for fiscal 2021.
Chief Financial Officer (CFO)	Monetary reward	Emissions reduction target	We consider each executive's progress towards Cisco's ESG-related initiatives in the individual performance factor portion of the Cisco Systems, Inc. Executive Incentive Plan for fiscal 2021.
Chief Operating Officer (COO)	Monetary reward	Emissions reduction target	We consider each executive's progress towards Cisco's ESG-related initiatives in the individual performance factor portion of the Cisco Systems, Inc. Executive Incentive Plan for fiscal 2021.

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	2	
Medium-term	2	5	
Long-term	5	20	

C2.1b

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

i) A definition of 'substantive financial or strategic impact' when identifying or assessing climate-related risks:

In keeping with GRI Reporting Principles, we conduct a comprehensive ESG materiality assessment every two years to confirm our environment-related priorities (which includes climate risks and opportunities) and inform CSR planning, management and reporting activities. The ESG materiality assessment methodology follows GRI's recommended process and principles, and addresses ESG topics that have an impact on our business and on society. Cisco's ESG materiality process is the beginning point for assessing the potential size and scope of ESG risks and opportunities. Separately, Cisco's management has implemented an enterprise risk management ("ERM") program, managed by Cisco's internal audit function, that is designed to work across the business to identify, assess, govern and manage enterprise risks and Cisco's response to those risks, including risks associated with CSR and sustainability. Cisco's internal audit function performs an annual risk assessment which is utilized by the ERM program. The structure of the ERM program includes both an ERM operating committee and an ERM executive committee. The ERM operating committee conducts global risk reviews and provides regular updates to the ERM executive committee. The Audit Committee of our Board of Directors, which oversees our financial and risk management policies, receives regular reports on ERM from the chair of the ERM operating committee.

ii) A description of the quantifiable indicator(s) used to define substantive financial or strategic impact:

Solely for the purposes of our CDP submission, Cisco describes a substantive climate-related financial impact as approximately 5% of the prior year's pre-tax earnings. Climate change risks are also assessed relative to other CSR and sustainability risks through the ESG materiality assessment process. All ESG risks are assessed and ranked for impact consequence, stakeholder concern, and likelihood, which are indicators used to determine potential substantive strategic risk. ESG materiality, as used in this CDP report, and our ESG materiality assessment process, is different than when used in the context of Securities and Exchange Commission ("SEC") disclosure obligations. Issues deemed material for purposes of our ESG reporting and for purposes of determining our ESG strategy may not be considered material for SEC reporting purposes, nor does inclusion of information in our ESG reporting indicate that the topic or information is material to Cisco's business or operating results for SEC reporting purposes.

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

Annually

Time horizon(s) covered

Short-term
Medium-term
Long-term

Description of process

Description of the process used to determine which risks and opportunities have a substantial or strategic impact: The Corporate Affairs team and relevant business units are responsible for identifying and prioritizing climate related risks & opportunities and highlighting them to the appropriate senior management on an ongoing and continuous basis throughout the year. The Corporate Affairs team uses customer input, information from hundreds of other stakeholder inquiries and technical analysis to help assess risk covering the short, medium, and long-term time horizons. The information collected feeds into our risk management process to test our preparation for current and future climate change related impacts (risks and opportunities). For example, transitioning to net zero received extensive attention in FY21 and as a result, Cisco has committed to reach net-zero greenhouse gas emissions across the value chain by FY2040. Cisco's Enterprise Risk Management (ERM) team has oversight of the identification, prioritization, aggregation, mitigation, and ownership of significant risks across the organization. The ERM team includes an executive committee and an operating committee. The ERM executive committee consists of members of senior management, including EVP and CFO, EVP and COO, and EVP, Chief Legal Officer. The ERM operating committee provides semi-annual updates to the ERM executive committee and also provides regular reports to the Audit Committee of the Board of Directors. As part of the annual ERM Risk Assessment process, Cisco's senior executives across the company are interviewed. If a climate-related risk is considered potentially significant, senior management will highlight this risk during the process. Additionally, several top risk surveys from industry leading groups and technology industry peers are benchmarked and evaluated by the ERM team. Top risks are collected, summarized and presented as part of the annual ERM process. Information collected is used to prioritize climate change related risks (e.g., GHG emissions) and opportunities (e.g., market expansion for travel substitution and other collaborative solutions). The value chain stages covered in this process include direct operations, upstream, and downstream. Solely for the purposes of our CDP submission, Cisco describes a substantive climate-related financial impact as approximately 5% of the prior year's pre-tax earnings. Climate change risks are also assessed relative to other CSR and sustainability risks through the ESG materiality assessment process. All ESG risks are assessed and ranked for impact consequence, stakeholder concern, and likelihood, which are indicators used to determine potential substantive strategic risk. ESG materiality, as used in this CDP report, and our ESG materiality assessment process, is different than when used in the context of Securities and Exchange Commission ("SEC") disclosure obligations. Issues deemed material for purposes of our ESG reporting and for purposes of determining our ESG strategy may not be considered material for SEC reporting purposes, nor does inclusion of information in our ESG reporting indicate that the topic or information is material to Cisco's business or operating results for SEC reporting purposes.

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	Because of the potential scope of impact on the business, monitoring and complying with relevant regulations in the regions we operate is a core business requirement. We have an internal compliance, legal, and governmental affairs teams that specifically monitor global regulations and their potential impact on the business. For example, Cisco continuously evaluates fuel and energy taxes globally to identify business risks. Currently there are no regulatory requirements that we consider a material risk to Cisco's business, however, we do consider the impact from potential future regulations to be relevant enough to continuously monitor.
Emerging regulation	Relevant, always included	Because of the potential scope of impact on the business, monitoring and complying with relevant regulations in the regions we operate is a core business requirement. We have an internal compliance, legal, and governmental affairs teams that specifically monitor global regulations and their potential impact on the business. For example, Cisco continuously evaluates fuel and energy taxes globally to identify business risks. Currently there are no regulatory requirements that we consider a material risk to Cisco's business, however we do consider the impact from potential future regulations to be relevant enough to continuously monitor.
Technology	Relevant, always included	Continued development of more energy-efficient products may require incremental investment, although managing energy consumption and heat removal is a longstanding design objective as customers fit increased network functionality into locations with fixed power and space.
Legal	Relevant, always included	The Company believes that the risk related to legal requirements of each current environmental-related or pending climate change-related law and/or regulation, as presently enacted or drafted, as applicable, is not significant and incurs no more than insignificant incremental cost to the Company related to its costs for existing compliance programs or voluntary climate change-related data gathering and reporting efforts. However, the Company cannot predict whether new laws or regulations related to climate change that may be proposed and implemented in the future could impose material costs or otherwise materially impact its business, but this remains a risk that the Company continues to monitor and assess.
Market	Relevant, always included	Continued and growing demand for information technologies seems likely with business models and success tied to increasing traffic and use of secure networks, applications, analytics, and connectivity. Required material and components for Cisco products will be assessed for any unusual cost pressures from climate change.
Reputation	Relevant, always included	As the Company has been working to reduce its own GHG emissions for over 15 years and has a proven track record of success with its past commitments related to reducing its own emissions, the Company does not anticipate significant reputational risk related to emissions from its own operations. Additionally, the Company does not believe that its products contribute to any customer's GHG emissions in a way that is significantly different than any of its competitors' products and thus does not anticipate there to be any significant reputational risk related to GHG emissions of its products. Additionally, the Company communicates certain ESG-related initiatives, goals, and/or commitments regarding environmental matters, diversity, responsible sourcing and social investments, and other matters, in our annual Purpose Report, on our website, in our filings with the SEC, and elsewhere. Our actual or perceived failure to achieve our ESG-related initiatives, goals, or commitments could negatively impact our reputation or otherwise materially harm our business.
Acute physical	Relevant, always included	Cisco is not thought to be significantly exposed to acute physical risks from increased severity of extreme weather events.
Chronic physical	Relevant, always included	Cisco is not thought to be significantly exposed to chronic physical risks from increased severity of extreme weather events. A potential impact is logistics and disruptions to the supply chain should transportation facilities and lanes be unavailable for extended periods. While impact on the business physical plant may be manageable, impacts on personnel (housing, water, power, commuting) will need ongoing [re]assessment.

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?

Downstream

Risk type & Primary climate-related risk driver

Acute physical	Flood (coastal, fluvial, pluvial, groundwater)
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Primary potential financial impact

Decreased revenues due to reduced production capacity

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

As a fables company, Cisco has suppliers around the world, some of which are in regions that have been affected by earthquake, tsunami or flooding activity, which has in the past and may in the future disrupt the flow of components and delivery of products. In addition, global climate change may result in significant natural disasters occurring more frequently or with greater intensity, such as drought, wildfires, storms, sea-level rise, and flooding. As an example, the Thailand Flooding of 2011 caused an immaterial disruption to some of Cisco's component suppliers and downstream customers related to the delayed delivery of certain hard drive components for use in certain Cisco products. Cisco believes that the physical effects related to climate change that it has experienced and the weather-related impacts that its customers and suppliers have experienced, to date, have not resulted in a material impact to the Company's financial condition or results of operations.

Time horizon

Short-term

Likelihood

More likely than not

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

50000000

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

The Thailand Flooding of 2011 caused an immaterial disruption to Cisco's supply chain and downstream customers related to the delayed delivery of certain hard drive components for use in certain Cisco products. The costs of approximately \$50 million related to the Thailand Flooding were insignificant when comparing such costs to the Company's costs of goods sold of \$17.9 billion in fiscal year 2012 or otherwise when comparing such costs to the Company's consolidated financial statements for the relevant period, and, in any event, nearly the entirety of such costs was recovered by the Company under a contingent business interruption insurance policy.

Cost of response to risk

10000000

Description of response and explanation of cost calculation

Global climate change may result in significant natural disasters occurring more frequently or with greater intensity, such as drought, wildfires, storms, sea-level rise, and flooding. In response to flooding events such as the Thailand Flooding of 2011, Cisco's Supply Chain has placed emphasis on supplier/partner visibility as well as supplier sourcing. Cisco's supplier visibility which provides over 90% of Tier 1 suppliers and over 60% of Tier 2 suppliers has become the central source of data enabling quick assessment by Cisco developed proprietary tools such as the Risk Assessment Tool (RAT). These tools provide Cisco with impact assessment capabilities both proactive (i.e., hurricanes) and reactive (i.e., earthquakes) providing a robust process to mitigate risk. In addition, Cisco's supplier/partner sourcing strategy continuously evaluates supplier capabilities not only technically but also for their location to ensure wherever possible, supplier/partners are not located in the same geographical region. Enabling diverse sourcing capabilities adds to Cisco's overall ability to mitigate risk when a disruptive incident is identified. As a result, Cisco has improved business continuity and overall resiliency through the identification of potential disruptions and risk mitigation processes enhancing Cisco's abilities to deliver product to customers and drive customer satisfaction. In assessing the materiality of physical effects that may have resulted from climate change, Cisco determines whether the related costs of such effects are reasonably likely to result in a material impact to the Company's financial condition or results of operations. Cisco has purposefully designed a distributed supply chain that has built-in flexibility for when disruptions may occur, such that the resulting impact from the disruptions caused by the Thailand Flooding of 2011 were insignificant and did not result in any significant costs. Nearly the entirety of the costs related to the Thailand Flooding of 2011 above its \$10 million property insurance deductible were recovered by Cisco under a contingent business interruption insurance policy.

Comment

Cisco does not believe there have been any material weather-related impacts on the cost or availability of its insurance. The cost of the Company's insurance premiums is directly tied to the cost of insurance in the overall insurance market, and the Company does not believe that any of its insurance costs include weather-related premiums specific to the Company's operations. The Company notes that, generally, insurance premiums may rise in a given year due to many reasons, including as a result of weather-related impacts (such as a hurricane, flood, drought or other weather-related event), which are not specific to the Company. Additionally, the Company's aggregate insurance costs have not increased significantly over the past several years and are immaterial as a percentage of the Company's operating expenses each year or otherwise when comparing such costs to the Company's consolidated financial statements for the relevant period. Furthermore, the Company is unaware of any weather-related impact on its availability of insurance.

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?

Direct operations

Opportunity type

Resource efficiency

Primary climate-related opportunity driver

Reduced water usage and consumption

Primary potential financial impact

Reduced indirect (operating) costs

Company-specific description

Even though Cisco, as a fables company, does not use significant amounts of water in our direct operations, we understand the importance of reducing water consumption as much as we can in our operations and supply chain. It's essential to protect this limited resource not only for our business needs, but also for the sake of the communities in which we operate. We have implemented numerous water conservation projects in our direct operations over the past few years, including in Bangalore, India. This is a strategic opportunity because this campus is in the top 10 of water consuming sites for Cisco globally and our annual water risk assessment using the WRI Aqueduct tool identified our site in Bangalore as having Extremely High Baseline Water Stress. Our strategy to achieve zero discharge and reduce our operating costs at our Bangalore campus include implementing a comprehensive water management system with a rainwater harvesting system, an evaporative cooling system, reverse osmosis plants, and two sewage treatment plants. These systems work together to reduce the amount of water that needs to be trucked in (the main way Cisco purchases water for the campus) and allows us to treat and reuse water onsite in our cooling towers and for gardening. Last year, we upgraded our campus sewage treatment plant with the latest in water treatment technology, now providing higher-quality recycled water in a shorter time while wasting less water. Treated water produced from traditional methods of sewage treatment are unsuitable to be released back to nature. The FPSTAR® technology we are using in our sewer treatment plants is cleaner and faster, allowing us to recover and reuse more water for the campus.

Time horizon

Short-term

Likelihood

Likely

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

350000

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

The total financial impact is derived from the cost of the sewer treatment plant upgrade (\$670,000) minus savings of \$340,000 over 3 years anticipated annually. Therefore $(\$340,000 \times 3 \text{ years}) = \$1,020,000 - \$670,000 = \$350,000$ worth of savings is the total financial impact figure.

Cost to realize opportunity

670000

Strategy to realize opportunity and explanation of cost calculation

Even though Cisco, as a fables company, does not use significant amounts of water in our direct operations, we understand the importance of reducing water consumption as much as we can in our operations and supply chain. It's essential to protect this limited resource not only for our business needs, but also for the sake of the communities in which we operate. We have implemented numerous water conservation projects in our direct operations over the past few years, including in Bangalore, India. This is a strategic opportunity because this campus is in the top 10 of water consuming sites for Cisco globally and our annual water risk assessment using the WRI Aqueduct tool identified our site in Bangalore as having Extremely High Baseline Water Stress. The largest opportunity we've realized is at our Bangalore site related to by implementing a comprehensive water management system. The campus is a zero-discharge facility, meaning no wastewater is discharged to third parties or the environment. All building water discharge is sent to two sewage treatment plants that use filtration and reverse osmosis to treat the water for eventual reuse. The treated water is used in an evaporative cooling system, for irrigation, and for toilet flushing in two campus buildings. In FY20, Cisco upgraded our the Bangalore campus sewage treatment plant with the latest in water treatment technology to provide higher-quality recycled water in a shorter time, while wasting less water. The newly installed FPSTAR® technology is cleaner and faster, allowing us to recover and reuse 95% of water sent for treatment. This makes more recycled water available for use in our cooling towers onsite and also provides energy cost savings for the project, in addition to water cost savings. The cost to realize this opportunity is equal to the cost of the sewer treatment plant upgrade, which is estimated to be around \$670,000.

Comment

C3. Business Strategy

C3.1

(C3.1) Does your organization’s strategy include a transition plan that aligns with a 1.5°C world?

Row 1

Transition plan

No, but our strategy has been influenced by climate-related risks and opportunities, and we are developing a transition plan within two years

Publicly available transition plan

<Not Applicable>

Mechanism by which feedback is collected from shareholders on your transition plan

<Not Applicable>

Description of feedback mechanism

<Not Applicable>

Frequency of feedback collection

<Not Applicable>

Attach any relevant documents which detail your transition plan (optional)

<Not Applicable>

Explain why your organization does not have a transition plan that aligns with a 1.5°C world and any plans to develop one in the future

In September 2021 Cisco set a 2040 Net Zero goal that aligns with a 1.5°C world. Cisco has started developing our transition plan to support our new net zero goal. Cisco intends to have a formal transition plan in the next two years.

Explain why climate-related risks and opportunities have not influenced your strategy

<Not Applicable>

C3.2

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

	Use of climate-related scenario analysis to inform strategy	Primary reason why your organization does not use climate-related scenario analysis to inform its strategy	Explain why your organization does not use climate-related scenario analysis to inform its strategy and any plans to use it in the future
Row 1	No, but we anticipate using qualitative and/or quantitative analysis in the next two years	Other, please specify (Cisco intends to conduct a climate-related scenario analysis in the next two years.)	Cisco intends to conduct a climate-related scenario analysis in the next two years.

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	Substantially more efficient products, such as the new 8000-series routers, may provide an incentive for customers to upgrade and retire legacy network gear. This incentive may be higher for a customer that has adopted carbon neutrality, although many such customers have also committed to 100% renewables, which could reduce the GHG-emissions impact of higher energy consumption.
Supply chain and/or value chain	Yes	Physical risks from climate change are enveloped by factors already considered in current continuity-of-supply assessments. As part of our response to COVID-19, Cisco has demonstrated substantial resilience to potential physical risks to operations (Cisco-owned or -leased facilities) from climate change, where most of our workforce easily switched to teleworking. Our collaboration technology and associated culture facilitated this ready migration. Adverse weather and other environmental factors can affect our employees in their personal lives, potentially impacting business operation or productivity. Cisco operations and supply chain are relatively energy, water and land efficient with limited presence in coastal regions that may be more adversely affected by climate change.
Investment in R&D	Yes	Continued development of more energy-efficient products may require incremental investment, although managing energy consumption and heat removal is a longstanding design objective as customers fit increased network functionality into locations with fixed power and space.
Operations	Yes	Physical risks from climate change are enveloped by factors already considered in current continuity-of-supply assessments. As part of our response to COVID-19, Cisco has demonstrated substantial resilience to potential physical risks to operations (Cisco-owned or -leased facilities) from climate change, where most of our workforce easily switched to teleworking. Our collaboration technology and associated culture facilitated this ready migration. Adverse weather and other environmental factors can affect our employees in their personal lives, potentially impacting business operation or productivity. Cisco operations and supply chain are relatively energy, water and land efficient with limited presence in coastal regions that may be more adversely affected by climate change.

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 Direct costs Indirect costs Capital expenditures Capital allocation Acquisitions and divestments Assets Liabilities	Physical climate risks as described in C2.3a have affected our financial planning related to operating costs by focusing our attention and some financial resources on mitigating the energy consumption of our real estate portfolio through the implementation of energy efficiency measures. In fiscal 2021, the GEMS team enabled Cisco to avoid approximately 6.6 GWh of energy consumption and 2700 metric tonne CO2e by investing US\$3 million to implement 24 energy-efficiency projects, not including our renewable energy purchases or onsite renewable energy generation. These projects included: - Updating lighting controls and installing LED lights to increase lighting efficiency. - Balancing airflow and improving hot and cold aisle containment within our labs. - Retrofitting and optimizing major mechanical equipment and control systems to improve energy efficiency of our heating and cooling systems. - Improving cooling tower water filtration in RTP to increase heat transfer capability, improve water quality, and minimize fouling. - Participating in emergency energy demand response programs in both Texas and California. - Continuing an employee engagement campaign to promote, educate, and incentivize employees to conserve energy. The money allocated to invest in these energy efficiency projects was secured as part of the annual financial planning process for the Workplace Resources team responsible for meeting our Scope 1 and 2 GHG emission reduction goals.

C4. Targets and performance

C4.1

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

Absolute target

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

2017

Target coverage

Company-wide

Scope(s)

Scope 1

Scope 2

Scope 2 accounting method

Market-based

Scope 3 category(ies)

<Not Applicable>

Base year

2007

Base year Scope 1 emissions covered by target (metric tons CO2e)

48311

Base year Scope 2 emissions covered by target (metric tons CO2e)

402422

Base year Scope 3 emissions covered by target (metric tons CO2e)

<Not Applicable>

Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

450733

Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100

Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100

Base year Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

<Not Applicable>

Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

Target year

2022

Targeted reduction from base year (%)

60

Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]

180293.2

Scope 1 emissions in reporting year covered by target (metric tons CO2e)

26693.6

Scope 2 emissions in reporting year covered by target (metric tons CO2e)

147800.6

Scope 3 emissions in reporting year covered by target (metric tons CO2e)

<Not Applicable>

Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

174494.2

% of target achieved relative to base year [auto-calculated]

102.144284975806

Target status in reporting year

Achieved

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 target coverage and identify any exclusions

These goals were set at the end of FY2017 following on the completion of our previous 5 year goals. These 5-year goals cover 100% of our Scope 1 and 2 emissions and exceed the recommended 2.1% year-on-year emissions reduction. Our organization submitted this target to SBTi in April 2018 and it was successfully approved. By FY2021, we had reduced our Scope 1 and Scope 2 emissions by over 60% absolute compared to our 2007 baseline, meeting this goal 1 year early.

Plan for achieving target, and progress made to the end of the reporting year

<Not Applicable>

List the emissions reduction initiatives which contributed most to achieving this target

- Investing more than \$45 million in the areas of energy efficiency and renewable energy; - Implementing more than 300 energy efficiency and on-site renewable energy projects across our real estate portfolio; - Increasing renewable energy procurement through utility green power programs, power purchase agreements (PPAs), and renewable energy certificates.

Target reference number

Abs 2

Year target was set

2019

Target coverage

Company-wide

Scope(s)

Scope 3

Scope 2 accounting method

<Not Applicable>

Scope 3 category(ies)

Category 1: Purchased goods and services

Category 4: Upstream transportation and distribution

Base year

2019

Base year Scope 1 emissions covered by target (metric tons CO2e)

<Not Applicable>

Base year Scope 2 emissions covered by target (metric tons CO2e)

<Not Applicable>

Base year Scope 3 emissions covered by target (metric tons CO2e)

1668301

Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

1668301

Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

<Not Applicable>

Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

<Not Applicable>

Base year Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

6

Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

24

Target year

2030

Targeted reduction from base year (%)

30

Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]

1167810.7

Scope 1 emissions in reporting year covered by target (metric tons CO2e)

<Not Applicable>

Scope 2 emissions in reporting year covered by target (metric tons CO2e)

<Not Applicable>

Scope 3 emissions in reporting year covered by target (metric tons CO2e)

1276855

Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

1276855

% of target achieved relative to base year [auto-calculated]

78.2125048177757

Target status in reporting year

Underway

Is this a science-based target?

No, but we are reporting another target that is science-based

Target ambition

<Not Applicable>

Please explain target coverage and identify any exclusions

Reducing GHG emissions has clear business benefits to our suppliers and contributes to Cisco's long-term operational success. To drive progress, we have committed to a goal for suppliers to set public, absolute GHG emissions reduction targets, and a longer-term goal to reduce Cisco's absolute supply chain-related Scope 3 GHG emissions. Abs 3: Reduce Cisco supply chain-related Scope 3 GHG emissions by 30 percent absolute by FY30 (FY19 base year) Includes allocated emissions from Cisco's Tier 1 and Tier 2 manufacturing, component, and warehouse suppliers, and calculated emissions associated with transportation emissions managed and paid for by Cisco. Emissions are allocated based on Cisco's financial share of the supplier's reported global Scope 1 and Scope 2 GHG emissions. Transportation emissions will be reported as Upstream Transportation and Distribution according to GHG Protocol methodology because they are paid directly by Cisco. Due to the standard lag between when emissions occur at our suppliers and when they are reported to Cisco through CDP, we are reporting our FY20 emissions in this disclosure. Actual FY21 progress against this goal will not be available until our 2022 CSR report (when we have the data to calculate our FY21 results). This progress will be reported in the 2023 CDP disclosure. See section C6.5 to see more details on scope 3 methodology and the forecasted FY21 results for our Tier 1 and Tier 2 manufacturing, component and warehouse suppliers. Please note that WSP provides limited assurance of Cisco's full Scope 1 and 2 and partial Scope 3 emissions on an annual basis (limited assurance statement included with this submission).

Plan for achieving target, and progress made to the end of the reporting year

Current plans to achieve goals is direct engagement with suppliers prioritized based on spend who have not yet set absolute emissions reduction targets to facilitate the process and work to drive improvement via the supplier business review process. Develop and track progress against annual operational plans to achieve intermediate targets with our top impact suppliers, through annual sustainability roadmap meeting(s) and partnership with regional operations teams, and supplier partner managers.

List the emissions reduction initiatives which contributed most to achieving this target

<Not Applicable>

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

Net-zero target(s)

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

2017

Target coverage

Company-wide

Target type: energy carrier

Electricity

Target type: activity

Consumption

Target type: energy source

Renewable energy source(s) only

Base year

2007

Consumption or production of selected energy carrier in base year (MWh)

109990

% share of low-carbon or renewable energy in base year

10.7

Target year

2022

% share of low-carbon or renewable energy in target year

85

% share of low-carbon or renewable energy in reporting year

85.3

% of target achieved relative to base year [auto-calculated]

100.403768506057

Target status in reporting year

Achieved

Is this target part of an emissions target?

Achievement of this goal affects our Scope 1 and 2 emissions reduction goal, but it is not a part of those goals.

Is this target part of an overarching initiative?

No, it's not part of an overarching initiative

Please explain target coverage and identify any exclusions

Our renewable energy goal is to use electricity generated from renewable sources for at least 85% of our global electricity by FY2022. This goal covers 100% of our global electricity use. Cisco also met this goal 1 year early.

Plan for achieving target, and progress made to the end of the reporting year

<Not Applicable>

List the actions which contributed most to achieving this target

Increasing renewable energy procurement through utility green power programs, power purchase agreements (PPAs), and renewable energy certificates.

C4.2c

(C4.2c) Provide details of your net-zero target(s).

Target reference number

NZ1

Target coverage

Company-wide

Absolute/intensity emission target(s) linked to this net-zero target

Abs2

Target year for achieving net zero

2040

Is this a science-based target?

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

Please explain target coverage and identify any exclusions

Cisco commits to reach net-zero greenhouse gas emissions across the value chain by FY2040 from a FY2019 base year by reducing absolute scope 1, 2, and 3 GHG emissions 90% by FY2040 from a FY2019 base year. There are no exclusions.

Do you intend to neutralize any unabated emissions with permanent carbon removals at the target year?

Yes

Planned milestones and/or near-term investments for neutralization at target year

Cisco has several near-term science-based emissions reduction targets that support its net zero goal: - To reduce absolute Scope 1 and Scope 2 emissions 90% by 2025 compared to our 2019 fiscal year, and to neutralize the remaining 10% by removing an equivalent amount from the atmosphere. - To reduce absolute Scope 3 emissions from purchased goods and services, upstream transportation and distribution, and use of sold products 30% by 2030 compared to our 2019 fiscal year.

Planned actions to mitigate emissions beyond your value chain (optional)

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	33	
To be implemented*	36	5494
Implementation commenced*	2	145
Implemented*	22	447838
Not to be implemented	14	

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	Other, please specify (Maintenance program, Heating, Ventilation and Air Conditioning (HVAC), Lighting, Motors and drives)
--------------------------------	--

Estimated annual CO2e savings (metric tonnes CO2e)

2533

Scope(s) or Scope 3 category(ies) where emissions savings occur

Scope 1
 Scope 2 (location-based)
 Scope 2 (market-based)

Voluntary/Mandatory

Voluntary

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

919451

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

3265194

Payback period

1-3 years

Estimated lifetime of the initiative

6-10 years

Comment

Cisco's Global Energy Management and Sustainability (GEMS) team manages a \$45+ million, multi-year global EnergyOps program to implement hundreds of efficiency & renewable energy projects. This program has allowed us to make our operations more efficient and increase the amount of renewable electricity we buy, directly contributing to the achievement of the FY2022 sustainability goals and the creation of our FY2025 Scope 1 and 2 goals. In FY2021, the GEMS team enabled Cisco to avoid approximately 6.6 GWh of energy consumption and 2,678 (2533 completed +145 for in progress) metric tonne CO2e by investing US\$3 million to implement 24 (22 complete + 2 in progress) energy-efficiency projects, not including our renewable energy purchases or onsite renewable energy generation. Two of these projects were in progress at the end of FY2021. These projects included: • Updating lighting controls and installing LED lights to increase lighting efficiency • Balancing airflow and improving hot & cold aisle containment within our labs • Retrofitting and optimizing major mechanical equipment and control systems to improve energy efficiency of our heating & cooling systems • Improving cooling tower water filtration in RTP to increase heat transfer capability, improve water quality, & minimize fouling • Participating in emergency energy demand response programs in Texas and California • Continuing an employee engagement campaign to promote, educate, and incentivize employees to conserve energy

Initiative category & Initiative type

Low-carbon energy consumption	Other, please specify (Solar PV, Wind)
-------------------------------	--

Estimated annual CO2e savings (metric tonnes CO2e)

445305

Scope(s) or Scope 3 category(ies) where emissions savings occur

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)

4291112

Payback period

No payback

Estimated lifetime of the initiative

1-2 years

Comment

In FY2021, Cisco purchased 1,292,430 MWh of RECs, I-RECs, and green power through suppliers in the United States, Europe, and India. This is a difference of 322 MWh of renewable energy compared to Cisco's FY2020 purchase of 1,292,108 MWh of RECs and green power (this figure differs from what was reported in CDP last year due to small corrections made to the FY2020 inventory in FY2021). We continued to expand our renewable electricity purchases in India in fiscal 2021 by entering into new long-term and short-term power purchase agreements in the country. These agreements bring our total electricity sourced from renewables in India to 66 percent, up from 2 percent in fiscal 2015. The US RECs Cisco purchases are certified by Green-e, an independent auditor of renewable energy products, and are generated from wind and solar sources throughout the United States. All the renewable energy that Cisco purchases meets the new WRI Scope 2 Greenhouse Gas Reporting rules regarding renewable energy purchase reporting. Purchasing renewable energy and green power has a 1-year life and the contract must be renewed every year.

C4.3c

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

Method	Comment
Dedicated budget for energy efficiency	The Global Energy Management and Sustainability (GEMS) team, mentioned above, leads sustainability initiatives across Cisco's global real estate. This team manages a multi-year global EnergyOps program to implement hundreds of efficiency and renewable energy projects across Cisco's real estate portfolio, which directly contributed to the achievement of the fiscal 2022 sustainability goals and the creation of our fiscal 2025 Scope 1 and 2 goals. To achieve and maintain our FY18-FY22 goals, Cisco has committed to invest more than \$45 million over five years to implement more than 300 energy efficiency and onsite renewable energy projects across our real estate portfolio and increase renewable energy procurement through utility green power programs, power purchase agreements, and renewable energy certificates.
Lower return on investment (ROI) specification	Cisco has a 4.3-year average simple payback or ROI specification for any energy efficiency or emission reduction activity to get funded. For projects that have more visibility and qualitative benefits, this payback threshold can be increased on a project-by-project basis. Higher payback projects (e.g., purchasing renewable energy or installing solar) must be offset with lower payback projects (e.g., lighting and HVAC upgrades).
Marginal abatement cost curve	Cisco is also utilizing a marginal abatement cost curve to evaluate all potential GHG reduction projects according to the financial and carbon reduction impacts. This methodology allows us to view these projects from both an environmental and financial perspective whereas the simple ROI methodology listed provides only a financial perspective.

C4.5

(C4.5) Do you classify any of your existing goods and/or services as low-carbon products?

Yes

C4.5a

(C4.5a) Provide details of your products and/or services that you classify as low-carbon products.

Level of aggregation

Product or service

Taxonomy used to classify product(s) or service(s) as low-carbon

The EU Taxonomy for environmentally sustainable economic activities

Type of product(s) or service(s)

Other	Other, please specify (All Cisco network products together enable a low carbon, service focused economy.)
-------	---

Description of product(s) or service(s)

Cisco has a wide range of environmentally & energy efficient products. The use of Cisco products can reduce our customers Scope 1 (purchased fuel), Scope 2 (purchased electricity) and Scope 3 (transportation / business travel) emissions. We classify our revenue based on the Corporate Knights Clean Taxonomy version 4.0, which is aligned with the portions of the new European Taxonomy for Sustainable Activities that were published by the EU in 2021. The Corporate Knights Clean Taxonomy uses the following definition for clean revenue: "Clean revenue measures a company's revenue from all goods and services which have clear environmental and, in a limited number of well-defined cases, social benefits. This includes revenue from clean transition, low-carbon economy, and circular economy revenue segments." Revenue included in our Corporate Knights clean revenue calculation includes: • Products with environmental certifications (e.g., ENERGY STAR, EPEAT). • Collaboration products such as Webex, Cisco Virtual Office, and Meraki Virtual Office. • Products that have been recycled or refurbished. • Software and services that reduce energy consumption & enable longer product life. Based on Corporate Knights Clean Taxonomy version 4.0, we determined that 61% of our FY20 revenue can be considered clean/green. Although this FY20 figure is a year behind our typical environmental reporting cycle, it is what is requested by Corporate Knights during the (FY21) reporting year.

Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

No

Methodology used to calculate avoided emissions

<Not Applicable>

Life cycle stage(s) covered for the low-carbon product(s) or services(s)

<Not Applicable>

Functional unit used

<Not Applicable>

Reference product/service or baseline scenario used

<Not Applicable>

Life cycle stage(s) covered for the reference product/service or baseline scenario

<Not Applicable>

Estimated avoided emissions (metric tons CO2e per functional unit) compared to reference product/service or baseline scenario

<Not Applicable>

Explain your calculation of avoided emissions, including any assumptions

<Not Applicable>

Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

61

C5. Emissions methodology

C5.1

(C5.1) Is this your first year of reporting emissions data to CDP?

No

C5.1a

(C5.1a) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

Row 1

Has there been a structural change?

No

Name of organization(s) acquired, divested from, or merged with

<Not Applicable>

Details of structural change(s), including completion dates

<Not Applicable>

C5.1b

(C5.1b) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

	Change(s) in methodology, boundary, and/or reporting year definition?	Details of methodology, boundary, and/or reporting year definition change(s)
Row 1	Yes, a change in methodology Yes, a change in boundary	Change in methodology and data refinement : As Cisco went through our goal setting exercise, we worked with a third-party consultant to comprehensively review our Scope 3 footprint. Together, we identified any errors and improvements to our Scope 3 data and methodologies for calculating various categories. We documented new methodologies in our Inventory Management Plan and recalculated several Scope 3 categories using updated methodologies back to FY19 to align with the base year for Cisco's new net zero goal. We also recalculated Scope 1 and 2 emissions to correct minor errors discovered over the reporting year and through this review process and re-assured FY19 and FY20 data to ensure consistency. Change in boundary: We expanded the boundary for Scope 3 Category 1 to include embedded emissions from Tier 3+ supply chain and Indirect Procurement emissions. We also included Categories 4, 9 and 12 for the first time, and accounted for emissions from e-waste in Category 5 for the first time.

C5.1c

(C5.1c) Have your organization's base year emissions been recalculated as result of the changes or errors reported in C5.1a and C5.1b?

	Base year recalculation	Base year emissions recalculation policy, including significance threshold
Row 1	Yes	If an adjustment to the Scope 1 and 2 GHG Inventory, or the Scope 1, 2, and 3 inventory, becomes necessary due to a change in calculation methodologies, emissions factors, or error correction, the Scope 1 and 2 inventory or the Scope 1, 2, and 3 inventory will be updated from the base year moving forward if the adjustment changes the total Scope 1 and 2 or the Scope 1, 2, and 3 inventory by 5 percent or more.

C5.2

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

Scope 1

Base year start

August 1 2006

Base year end

July 31 2007

Base year emissions (metric tons CO2e)

48311

Comment

Next year we will update our base year for scope 1 and 2 to FY19 to align with our new net zero target

Scope 2 (location-based)

Base year start

August 1 2006

Base year end

July 31 2007

Base year emissions (metric tons CO2e)

448950

Comment

Next year we will update our base year for scopes 1 and 2 to FY19 to align with our new net zero target

Scope 2 (market-based)

Base year start

August 1 2006

Base year end

July 31 2007

Base year emissions (metric tons CO2e)

402422

Comment

Next year we will update our base year for scopes 1 and 2 to FY19 to align with our new net zero target

Scope 3 category 1: Purchased goods and services

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

6455647

Comment

Scope 3 category 2: Capital goods

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

0

Comment

Included in Scope 3 Category 1

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

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

120263

Comment

Scope 3 category 4: Upstream transportation and distribution

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

586622

Comment

Scope 3 category 5: Waste generated in operations

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

816

Comment

Scope 3 category 6: Business travel

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

217500

Comment

Scope 3 category 7: Employee commuting

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

79735

Comment

Scope 3 category 8: Upstream leased assets

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

0

Comment

This category is not relevant, because any upstream leased assets are included in the boundary of our Scope 1+2 emissions.

Scope 3 category 9: Downstream transportation and distribution

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

88625

Comment

Scope 3 category 10: Processing of sold products

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

0

Comment

This category is not relevant, because our products are in the final form when they are sold to the customer. A product may be packaged as a total solution with other equipment, but the product is not processed in a manner that changes the final good.

Scope 3 category 11: Use of sold products

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

19675170

Comment

Scope 3 category 12: End of life treatment of sold products

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

10093

Comment

Scope 3 category 13: Downstream leased assets

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

0

Comment

This category is not relevant, because any downstream leased assets are included in the boundary of our Scope 1+2 emissions.

Scope 3 category 14: Franchises

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

0

Comment

This category is not relevant, because according to the GHG protocol, this category is applicable only to financial institutions. Cisco is not a financial institution, so therefore this does not apply to Cisco. (<http://www.ghgprotocol.org/feature/scope-3-calculation-guidance>).

Scope 3 category 15: Investments

Base year start

August 1 2018

Base year end

July 31 2019

Base year emissions (metric tons CO2e)

0

Comment

Not relevant, Calculated. Screened for relevance in FY19, determined to be immaterial since 0.01% of Scope 3 footprint as Cisco is not a financial institution.

Scope 3: Other (upstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3: Other (downstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

C5.3

(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

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

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)

26694

Start date

August 1 2020

End date

July 31 2021

Comment

COVID-19 reduced our fuel use significantly in FY21.

Past year 1

Gross global Scope 1 emissions (metric tons CO2e)

38743

Start date

August 1 2019

End date

July 31 2020

Comment

Cisco recalculated the last two years of Scope 1 and 2 emissions during our net zero goal setting process to correct minor errors discovered over the reporting year and re-assured FY19 and FY20 data to ensure consistency.

Past year 2

Gross global Scope 1 emissions (metric tons CO2e)

46652

Start date

August 1 2018

End date

July 31 2019

Comment

Cisco recalculated the last two years of Scope 1 and 2 emissions during our net zero goal setting process to correct minor errors discovered over the reporting year and re-assured FY19 and FY20 data to ensure consistency.

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

We report market- and location-based Scope 2 emissions in accordance with the GHG Protocol's Scope 2 guidance.

C6.3

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

Reporting year

Scope 2, location-based

579445

Scope 2, market-based (if applicable)

147801

Start date

August 1 2020

End date

July 31 2021

Comment

Past year 1

Scope 2, location-based

607218

Scope 2, market-based (if applicable)

163645

Start date

August 1 2019

End date

July 31 2020

Comment

Cisco recalculated the last two years of Scope 1 and 2 emissions during our net zero goal setting process to correct minor errors discovered over the reporting year and re-assured FY19 and FY20 data to ensure consistency.

Past year 2

Scope 2, location-based

651331

Scope 2, market-based (if applicable)

187428

Start date

August 1 2018

End date

July 31 2019

Comment

Cisco recalculated the last two years of Scope 1 and 2 emissions during our net zero goal setting process to correct minor errors discovered over the reporting year and re-assured FY19 and FY20 data to ensure consistency.

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

Emissions in reporting year (metric tons CO2e)

5035492

Emissions calculation methodology

Supplier-specific method
Spend-based method

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

15

Please explain

This category is calculated by adding up emissions from Cisco's Supply Chain Tier 1 & 2 suppliers, Tier 3+ suppliers and Indirect Procurement. We have updated our estimate for Category 1 Purchased Goods and Services emissions due to our expansion of the boundary as a part of our Net Zero goal-setting process. The total for this category now includes embedded emissions from Tier 3+ supply chain and Indirect Procurement emissions. This caused the percentage of emissions associated with data obtained directly from suppliers to decrease to 15%, since the new categories must rely on other sources of data. For the portion of Category 1 emissions related to Scope 1 & 2 direct materials suppliers, supplier-reported data accounts for 92% of emissions. The emissions for Supply Chain Tier 1 and 2 suppliers are quantified based on emissions data provided by the suppliers in FY20 and a predicted value is provided for FY21 based on that due to the time lag in CDP reported data. Emissions for the Supply Chain Tier 3 suppliers and for Indirect Procurement are calculated based on spend-data where the emissions calculated from supplier-provided data is 0%.

Capital goods

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

0

Emissions calculation methodology

Other, please specify (Included in Category 1.)

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

0

Please explain

Included in Category 1.

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

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

105740

Emissions calculation methodology

Fuel-based method

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

0

Please explain

The fuel and electricity consumption data required for this emissions calculation were obtained directly from Cisco's Scope 1 & 2 Inventory.

Upstream transportation and distribution

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

453445

Emissions calculation methodology

Spend-based method
Distance-based method

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

0

Please explain

Supply Chain and Service Logistics air transportation emissions are calculated based on weight- and distance-based data. Supply Chain and Service Logistics non-air transportation emissions data are calculated based on spend. Thus, neither source of data is directly from suppliers.

Waste generated in operations

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

509

Emissions calculation methodology

Waste-type-specific method

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

6

Please explain

The emissions from landfilled and recycled waste are calculated using waste data from Cisco's onsite waste management vendors. The emissions from eWaste are calculated using waste data from Cisco's recycling partners, who recycle both eWaste generated at Cisco's facilities and our customers' facilities.

Business travel

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

973

Emissions calculation methodology

Distance-based method

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

0

Please explain

Air travel emissions have been calculated using aggregate flight mileage.

Employee commuting

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

4575

Emissions calculation methodology

Average data method
Distance-based method

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

0

Please explain

Cisco used our latest employee commuting survey completed in FY18 to estimate the emissions produced from employees commuting to work in FY21. Employee supplied data used to calculate the emissions from this source include the region in which the employee lives and works, commuting method (drive alone, carpool, take public transportation, walk, etc.), number of days the employee travels to work and distance of commute. Our Scope 3 emissions from employee commuting decreased significantly from FY20 to FY21 due to our mandatory work from home policy during the COVID-19 pandemic, which was in effect during the majority of the fiscal year.

Upstream leased assets

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

This category is not relevant, because any upstream leased assets are included in the boundary of our Scope 1+2 emissions. Cisco does not lease to any other parties.

Downstream transportation and distribution

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

62000

Emissions calculation methodology

Spend-based method
Distance-based method

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

0

Please explain

Supply Chain air transportation emissions are calculated by using the emissions calculated in Category 4 using distance-based and weight-based data. Supply chain ground transportation emissions are calculated by using spend on downstream transportation. Thus, neither data source is reliant on supplier provided data.

Processing of sold products

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

This category is not relevant, because our products are in the final form when it is sold to the customer. It may be packaged up as a total solution with other equipment, but the product is not processed in a manner that changes the final good. Cisco's products do not undergo any downstream processing.

Use of sold products

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

17272636

Emissions calculation methodology

Methodology for direct use phase emissions, please specify (Please see comment below.)

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

85

Please explain

Cisco calculates our Scope 3 use of sold products GHG emissions based on the Greenhouse Gas Protocol guidance for calculating Scope 3 emissions (version 1.0). Our use of sold products is classified as direct use-phase emissions as our products directly consume energy during their use. We use product energy consumption, number of sold products (in a fiscal year) and the expected product lifetime to estimate the total CO2e from the use of our sold products. Because our products have varying expected lifetimes, we assume a conservative average of five years. In actuality, it could be anywhere from two to 15 years depending on the product type. To account for the previous four years of product energy consumption, we include those previous yearly estimates in our current yearly estimate.

End of life treatment of sold products

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

9339

Emissions calculation methodology

Average data method

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

0

Please explain

This is based on the weight of products sold by Cisco to customers and uses Cisco-provided values of average product material composition and EPA provided recycling rates of materials in the product. Thus, although this is calculated based on weight of products shipped to customers, there is no supplier-provided data used to calculate the emissions in this category.

Downstream leased assets

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

This category is not relevant, because any downstream leased assets are included in the boundary of our Scope 1+2 emissions.

Franchises

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Cisco does not utilize franchises.

Investments

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Cisco screened emissions from its investment portfolio in FY19 and the impact is ~0.01% of the total Scope 3 footprint. Category 15 is deemed not relevant given the de minimis size, influence, and risk exposure.

Other (upstream)

Evaluation status

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Other (downstream)

Evaluation status

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

C6.5a

(C6.5a) Disclose or restate your Scope 3 emissions data for previous years.

Past year 1

Start date

August 1 2019

End date

July 31 2020

Scope 3: Purchased goods and services (metric tons CO2e)

5374109

Scope 3: Capital goods (metric tons CO2e)

0

Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

110917

Scope 3: Upstream transportation and distribution (metric tons CO2e)

501881

Scope 3: Waste generated in operations (metric tons CO2e)

1114

Scope 3: Business travel (metric tons CO2e)

88939

Scope 3: Employee commuting (metric tons CO2e)

49463

Scope 3: Upstream leased assets (metric tons CO2e)

0

Scope 3: Downstream transportation and distribution (metric tons CO2e)

62115

Scope 3: Processing of sold products (metric tons CO2e)

0

Scope 3: Use of sold products (metric tons CO2e)

18426615

Scope 3: End of life treatment of sold products (metric tons CO2e)

8469

Scope 3: Downstream leased assets (metric tons CO2e)

0

Scope 3: Franchises (metric tons CO2e)

0

Scope 3: Investments (metric tons CO2e)

0

Scope 3: Other (upstream) (metric tons CO2e)

Scope 3: Other (downstream) (metric tons CO2e)

Comment

Past year 2

Start date

August 1 2018

End date

July 31 2019

Scope 3: Purchased goods and services (metric tons CO2e)

6455647

Scope 3: Capital goods (metric tons CO2e)

0

Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

120263

Scope 3: Upstream transportation and distribution (metric tons CO2e)

586622

Scope 3: Waste generated in operations (metric tons CO2e)

816

Scope 3: Business travel (metric tons CO2e)

217500

Scope 3: Employee commuting (metric tons CO2e)

79735

Scope 3: Upstream leased assets (metric tons CO2e)

0

Scope 3: Downstream transportation and distribution (metric tons CO2e)

88625

Scope 3: Processing of sold products (metric tons CO2e)

0

Scope 3: Use of sold products (metric tons CO2e)

19675170

Scope 3: End of life treatment of sold products (metric tons CO2e)

10093

Scope 3: Downstream leased assets (metric tons CO2e)

0

Scope 3: Franchises (metric tons CO2e)

0

Scope 3: Investments (metric tons CO2e)

0

Scope 3: Other (upstream) (metric tons CO2e)

Scope 3: Other (downstream) (metric tons CO2e)

Comment

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

0.0000035

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

174494

Metric denominator

unit total revenue

Metric denominator: Unit total

49818000000

Scope 2 figure used

Market-based

% change from previous year

14.6

Direction of change

Decreased

Reason for change

This metric has decreased due to Cisco's emissions reduction activities in FY2021 as listed in our response to Question 4.3b, which includes our energy efficiency projects and our renewable energy purchasing, as well as reduced Cisco building energy use due to the COVID-19 pandemic. Our energy efficiency projects include: • Updating lighting controls and installing LED lights to increase lighting efficiency • Balancing airflow and improving hot and cold aisle containment within our labs • Retrofitting and optimizing major mechanical equipment and control systems to improve energy efficiency of our heating and cooling systems • Improving cooling tower water filtration in RTP to increase heat transfer capability, improve water quality, and minimize fouling • Participating in emergency energy demand response programs in both Texas and California • Continuing an employee engagement campaign to promote, educate, and incentivize employees to conserve energy

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	23547.5	IPCC Second Assessment Report (SAR - 100 year)
CH4	17.8	IPCC Second Assessment Report (SAR - 100 year)
N2O	107	IPCC Second Assessment Report (SAR - 100 year)
HFCs	3021.3	IPCC Second Assessment Report (SAR - 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)
United States of America	12836
Other, please specify (Rest of World)	13857

C7.3

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

By activity

C7.3c

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

Activity	Scope 1 emissions (metric tons CO2e)
Natural Gas Use	9595
Diesel Use	2494
Propane Use	2
Refrigerant Use	2444
Fire Suppressant Use	577
Fleet Diesel Use	5167
Fleet Petrol Use	4205
Fleet Jet Fuel Use	2210

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)
United States of America	265545	0
Other, please specify (Rest of World)	313900	147801

C7.6

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

By activity

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)
Electricity Use	579445	147801
Purchased heat	0	0
Purchased steam	0	0
Purchased cooling	0	0

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?

Decreased

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	24279	Decreased	12	As listed in question 4.3b, Cisco purchased 1,292,430 MWh of RECs, I-RECs, and green power in FY2021 through suppliers in the United States, Europe, and India. This is a difference of 322 MWh of renewable energy compared to Cisco's FY2020 purchase of 1,292,108 MWh of RECs and green power (this figure differs from what was reported in CDP last year due to small corrections made to the FY2020 inventory in FY2021). After normalizing the emissions reduction from the renewable energy Cisco purchased in FY2020 for the greening of the electricity grid (i.e. the addition of renewables to electricity grids in which Cisco has operations), we calculate that the renewable energy Cisco purchased in FY2021 reduced our combined scope 1 and 2 emissions by approximately 24,279 tCO2e. Since Cisco's scope 1 and 2 emissions in FY2020 was 202,388 tCO2e, this reduction equates to an 12% decrease (-24,279 / 202,388 = -12.0%) in scope 1 and 2 emissions in FY2021 compared to FY2020.
Other emissions reduction activities	2678	Decreased	1.3	As a result of the various energy efficiency activities listed in C4.3b that Cisco implemented in FY2021, Cisco reduced its combined scope 1 and 2 emissions in FY2021 by approximately 2,678 tCO2e (2,933 tCO2e for completed projects and 145 tCO2e for in progress projects). Since Cisco's scope 1 and 2 emissions in FY2020 were 202,388 tCO2e, this reduction equates to a 1.3% decrease (-2,678 / 202,388 = -1.3%) in scope 1 and 2 emissions in FY2021 compared to FY2020.
Divestment		<Not Applicable >		
Acquisitions		<Not Applicable >		
Mergers		<Not Applicable >		
Change in output	5464.5	Decreased	2.7	Due to natural fluctuations from FY2020 to FY2021 in the energy required to support Cisco's business during the COVID-19 pandemic, Cisco estimates that its scope 1 and 2 emissions would have decreased in FY2021 by approximately 937 tCO2e even if we had not implemented any renewable energy or energy efficiency projects. This increase would equate to a 0.5% decrease (937 / 202,388 = 0.5%) in Scope 1 and 2 emissions in FY2021 compared to FY2020 .
Change in methodology		<Not Applicable >		
Change in boundary		<Not Applicable >		
Change in physical operating conditions		<Not Applicable >		
Unidentified		<Not Applicable >		
Other		<Not Applicable >		

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?

Market-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	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	Yes

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)	Unable to confirm heating value	0	109289	109289
Consumption of purchased or acquired electricity	<Not Applicable>	1290049	222375	1512424
Consumption of purchased or acquired heat	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired steam	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired cooling	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of self-generated non-fuel renewable energy	<Not Applicable>	2381	<Not Applicable>	2381
Total energy consumption	<Not Applicable>	1292430	331664	1624094

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	No
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	Yes

C8.2c

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

Sustainable biomass

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

Other biomass

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

Other renewable fuels (e.g. renewable hydrogen)

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

Coal

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

Oil

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

Gas**Heating value**

Unable to confirm heating value

Total fuel MWh consumed by the organization

109289

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

105931

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

3358

Comment

This is for natural gas consumed within Cisco's direct operations.

Other non-renewable fuels (e.g. non-renewable hydrogen)**Heating value**

Unable to confirm heating value

Total fuel MWh consumed by the organization

56405

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

This is for all other fuels Cisco uses within its direct operations, excluding natural gas: stationary diesel, propane, and 3 types of mobile fleet fuel: mobile diesel, petrol, and jet fuel.

Total fuel**Heating value**

Unable to confirm heating value

Total fuel MWh consumed by the organization

109289

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

49526

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

3358

Comment

This is for all fuels Cisco uses within its direct operations: natural gas, stationary diesel, propane, and 3 types of mobile fleet fuel: mobile diesel, petrol, and jet fuel.

C8.2d

(C8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.

	Total Gross generation (MWh)	Generation that is consumed by the organization (MWh)	Gross generation from renewable sources (MWh)	Generation from renewable sources that is consumed by the organization (MWh)
Electricity	2381	2381	2381	2381
Heat	0	0	0	0
Steam	0	0	0	0
Cooling	0	0	0	0

C8.2e

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

Sourcing method

Direct procurement from an off-site grid- connected generator e.g. Power purchase agreement (PPA)

Energy carrier

Electricity

Low-carbon technology type

Solar

Country/area of low-carbon energy consumption

India

Tracking instrument used

Contract

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

89820

Country/area of origin (generation) of the low-carbon energy or energy attribute

India

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2018

Comment

This electricity is sourced from Cisco's solar power purchase agreements in Karnataka, India, commissioned in April 2018. Cisco purchased 89,820 MWh of solar power from the solar farms in FY2021.

Sourcing method

Direct procurement from an off-site grid- connected generator e.g. Power purchase agreement (PPA)

Energy carrier

Electricity

Low-carbon technology type

Renewable energy mix, please specify (Wind, Solar, Hydro)

Country/area of low-carbon energy consumption

India

Tracking instrument used

Contract

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

93011

Country/area of origin (generation) of the low-carbon energy or energy attribute

India

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2018

Comment

This electricity is sourced from energy suppliers in India. The agreements were signed in 2018 and we own the rights to the environmental attributes. These power projects were commissioned between 2010 and 2018.

Sourcing method

Green electricity products from an energy supplier (e.g. green tariffs)

Energy carrier

Electricity

Low-carbon technology type

Renewable energy mix, please specify (Solar, Hydro, Wind, Geothermal)

Country/area of low-carbon energy consumption

United Kingdom of Great Britain and Northern Ireland

Tracking instrument used

REGO

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

28569

Country/area of origin (generation) of the low-carbon energy or energy attribute

United Kingdom of Great Britain and Northern Ireland

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**Comment**

Our operations in the UK have engaged local energy suppliers to purchase renewable energy for our sites where we directly pay a utility company for our electricity consumption. The renewable energy is bundled as part of a supply-side energy contract and comes from a variety of eligible renewable energy sources.

Sourcing method

Unbundled energy attribute certificates (EACs) purchase

Energy carrier

Electricity

Low-carbon technology type

Renewable energy mix, please specify (Solar and Wind)

Country/area of low-carbon energy consumption

United States of America

Tracking instrument used

US-REC

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

950000

Country/area of origin (generation) of the low-carbon energy or energy attribute

United States of America

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2021

Comment

Cisco purchased RECs to cover of our electricity consumption in the USA and Canada during the period. All renewable energy purchased in the US through these programs are Green-e certified. Our RECs were sourced from projects built within 15 years of our purchase (specifically, from projects commissioned between 2008 and 2021), per Green-e requirement.

Sourcing method

Green electricity products from an energy supplier (e.g. green tariffs)

Energy carrier

Electricity

Low-carbon technology type

Renewable energy mix, please specify (Solar, Hydro, Wind, Geothermal)

Country/area of low-carbon energy consumption

Belgium

Tracking instrument used

GO

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

42899

Country/area of origin (generation) of the low-carbon energy or energy attribute

Belgium

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**Comment**

Our operations throughout AIB Europe, including Belgium, have engaged local energy suppliers to purchase renewable energy for our sites where we directly pay a utility company for our electricity consumption in deregulated markets. The renewable energy is bundled as part of supply-side energy contracts and are from a variety of eligible renewable energy sources located in AIB countries.

Sourcing method

Direct procurement from an off-site grid- connected generator e.g. Power purchase agreement (PPA)

Energy carrier

Electricity

Low-carbon technology type

Solar

Country/area of low-carbon energy consumption

United States of America

Tracking instrument used

US-REC

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

17120

Country/area of origin (generation) of the low-carbon energy or energy attribute

United States of America

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2015

Comment

This electricity is sourced from our solar power purchase agreement in North Carolina through the Duke Green Rider Program. In FY2021, Cisco purchased 17,120 MWh of solar power from two systems. The systems were commissioned in 2015.

Sourcing method

Other, please specify (Off-grid on-site renewable energy installation (direct line))

Energy carrier

Electricity

Low-carbon technology type

Solar

Country/area of low-carbon energy consumption

India

Tracking instrument used

No instrument used

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

1257

Country/area of origin (generation) of the low-carbon energy or energy attribute

India

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2017

Comment

Three of our operations in India have installed onsite solar photovoltaic systems. All of the electricity produced by these systems is used by the buildings that they are installed on and no electricity is sold back to the electric utility.

Sourcing method

Direct procurement from an off-site grid- connected generator e.g. Power purchase agreement (PPA)

Energy carrier

Electricity

Low-carbon technology type

Renewable energy mix, please specify (Solar and Wind)

Country/area of low-carbon energy consumption

United States of America

Tracking instrument used

US-REC

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

76985

Country/area of origin (generation) of the low-carbon energy or energy attribute

United States of America

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2020

Comment

This electricity is sourced from Cisco's solar and wind power purchase agreements in Blythe, California, and Mesquite, Texas. In FY2021, Cisco purchased 48,610 MWh of solar power from the Blythe solar farm and 28,375 MWh of wind power from the Mesquite wind farm. The Blythe solar farm was commissioned in 2017 and the Mesquite wind farm was commissioned in 2020.

Sourcing method

Green electricity products from an energy supplier (e.g. green tariffs)

Energy carrier

Electricity

Low-carbon technology type

Wind

Country/area of low-carbon energy consumption

United States of America

Tracking instrument used

US-REC

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

25341

Country/area of origin (generation) of the low-carbon energy or energy attribute

United States of America

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**Comment**

Cisco participates in a utility green power program in Austin, TX. Through this program, the utility provides Cisco with renewable energy that has been produced within the

utility's electric grid region. All renewable energy purchased in the US through these programs are Green-e certified and was sourced from projects built within 15 years of our purchase, per Green-e requirement.

Sourcing method

Other, please specify (Off-grid on-site renewable energy installation (direct line))

Energy carrier

Electricity

Low-carbon technology type

Solar

Country/area of low-carbon energy consumption

United States of America

Tracking instrument used

No instrument used

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

1124

Country/area of origin (generation) of the low-carbon energy or energy attribute

United States of America

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2015

Comment

Four of our operations in the USA have installed onsite solar photovoltaic systems. All of the electricity produced by these systems is used by the buildings that they are installed on and no electricity is sold back to the electric utility.

C8.2g

(C8.2g) Provide a breakdown of your non-fuel energy consumption by country.

Country/area

United States of America

Consumption of electricity (MWh)

1012787.9

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

1012787.9

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

Country/area

Other, please specify (Rest of World)

Consumption of electricity (MWh)

502017

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

502017

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

C9. Additional metrics

C9.1

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

Description

Waste

Metric value

2112

Metric numerator

metric tons

Metric denominator (intensity metric only)

% change from previous year

63

Direction of change

Decreased

Please explain

This is the amount of waste generated within Cisco's internal operations during FY2021. COVID-19 had a significant impact on the total waste generated at our facilities. The majority of our sites were closed, with employees under mandatory work from home, for almost the full year. As a result, we produced about half of the waste compared to the previous year. This figure was part of the third-party attestation work completed by WSP USA. Cisco reports waste generated for 100% of its facilities, which includes an extrapolation of data to facilities where we are unable to receive waste data.

Description

Other, please specify (Water Withdrawn)

Metric value

2901628

Metric numerator

cubic meters

Metric denominator (intensity metric only)

% change from previous year

8.8

Direction of change

Decreased

Please explain

This is the amount of water withdrawn for used with Cisco's internal operations during FY2021. This figure obtained limited assurance as part of the third-party attestation work completed by WSP USA. Cisco reports water use for 100% of its facilities, which includes an extrapolation of data to facilities where we are unable to receive water data.

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

Limited assurance

Attach the statement

Cisco FY21 GHG, Waste, and Water Assurance Review Letter - 02JUN2022.pdf

Page/ section reference

Pages 1-2

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

Limited assurance

Attach the statement

Cisco FY21 GHG, Waste, and Water Assurance Review Letter - 02JUN2022.pdf

Page/ section reference

Pages 1-2

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

Limited assurance

Attach the statement

Cisco FY21 GHG, Waste, and Water Assurance Review Letter - 02JUN2022.pdf

Page/ section reference

Pages 1-2

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: 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

Cisco FY21 GHG, Waste, and Water Assurance Review Letter - 02JUN2022.pdf

Page/section reference

Page 2

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

Cisco FY21 GHG, Waste, and Water Assurance Review Letter - 02JUN2022.pdf

Page/section reference

Page 2

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

Cisco FY21 GHG, Waste, and Water Assurance Review Letter - 02JUN2022.pdf

Page/section reference

Page 2

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

Cisco FY21 GHG, Waste, and Water Assurance Review Letter - 02JUN2022.pdf

Page/section reference

Page 2

Relevant standard

ISO14064-3

Proportion of reported emissions verified (%)

100

Scope 3 category

Scope 3: Purchased goods and services

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

WSP Cisco Supply Chain GHG Goal Assurance Letter - Final - 08MAR2022.pdf

Page/section reference

Page 1 FY19 and FY20 emissions of Category 1 and Category 4. Other content in the "Sources Covered" section of the table is not relevant.

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
C9. Additional metrics	Other, please specify (Water and waste)	Verification guidance adapted for waste and water from ISO 14064-3	In addition to its Scope 1, Scope 2 (location-based), Scope 2 (market-based), and select Scope 3 categories, Cisco's water and waste data received limited assurance as part of the third-party attestation work completed by WSP USA. See attached assurance statement for details. Cisco FY21 GHG, Waste, and Water Assurance Review Letter - 02JUN2022.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)?No, and we do not anticipate being regulated in the next three years

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, and we do not currently 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, other partners in the value chain

C12.1a

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

Type of engagement

Engagement & incentivization (changing supplier behavior)

Details of engagement

Run an engagement campaign to educate suppliers about climate change

Climate change performance is featured in supplier awards scheme

Other, please specify (Leverage supplier scorecards to measure and manage conformance to Cisco's social and environmental requirements)

% of suppliers by number

9

% total procurement spend (direct and indirect)

79

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

15

Rationale for the coverage of your engagement

Cisco expects its suppliers to support Cisco in meeting our supply chain goals, as well as addressing material environmental impacts across their own operations and supply chain. We engage with all of our direct manufacturing, logistics, and recycling suppliers with whom we have a significant business relationship. The prioritized suppliers represent more than 90% of our direct procurement spend. With direct suppliers, Cisco uses supplier scorecards to help us measure and manage suppliers' conformance to Cisco's requirements on environmental stewardship and human rights. Sustainability performance is incorporated into our supply chain business processes for sourcing and procurement decisions. Component, manufacturing and logistics suppliers are included in the scorecarding process and are prioritized based on spend, strategic importance, and inclusion in the preferred supplier list. Similarly, Cisco prioritizes engagement with indirect preferred suppliers with whom we have a strategic business relationship. These preferred indirect suppliers make up more than half of overall indirect spend with ongoing supplier consolidation efforts. Scorecards are used to communicate and manage supplier performance on responsible business practices. For both direct and indirect suppliers, having sustainability metrics reported alongside cost, quality, and service delivery allows procurement managers to make informed decisions when awarding business to suppliers.

Impact of engagement, including measures of success

Cisco expects its suppliers to support Cisco in meeting our supply chain goals, as well as addressing material environmental impacts across their own operations and supply chain. I. Measures of success: In the sustainability section of our scorecard, we score suppliers for completing required activities, including metrics related to greenhouse gas, water, and waste. One requirement in the scorecard is for suppliers to set a public, absolute GHG reduction target. Cisco has publicly committed that 80% of component, manufacturing, and logistics suppliers by spend will meet this requirement by FY25. II. Impact of engagement according to measures of success: By the end of FY21, 38% of component, manufacturing, and logistics suppliers by spend had set a public, absolute GHG reduction target. In addition to engaging suppliers through the scorecard process, Cisco also partnered with leading peers to contribute to the development of a supplier management platform that allows us to track our suppliers' emission performance against science-based reduction pathways. This platform, developed and hosted by a third party, combines corporate Scope 3 targets with meaningful supplier engagement, giving suppliers and brands the ability to visualize and achieve common goals. We are using this platform to build long-term engagements with our highest carbon-impact suppliers. Cisco also recognizes sustainability leadership through an annual supplier award program.

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

9

% total procurement spend (direct and indirect)

79

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

15

Rationale for the coverage of your engagement

We engage with all our direct manufacturing, logistics, and recycling suppliers with whom we have a significant business relationship. The prioritized suppliers represent more than 90% of our direct procurement spend. With direct suppliers, Cisco uses supplier scorecards to help us measure and manage suppliers' conformance to Cisco's requirements on environmental stewardship and human rights. Sustainability performance is incorporated into our supply chain business processes for sourcing and procurement decisions. Component, manufacturing and logistics suppliers are included in the scorecarding process and are prioritized based on spend, strategic importance, and inclusion in the preferred supplier list. Similarly, Cisco prioritizes engagement with indirect preferred suppliers with whom we have a strategic business relationship. These preferred indirect suppliers make up more than half of overall indirect spend with ongoing supplier consolidation efforts. Scorecards are used to communicate and manage supplier performance on responsible business practices. For both direct and indirect, Cisco engages around 79% of direct and indirect procurement suppliers based on spend in both categories as noted above. Having sustainability metrics reported alongside cost, quality, and service delivery allows procurement managers to make informed decisions when awarding business to suppliers.

Impact of engagement, including measures of success

i. Measures of success: Cisco's measure of success for this engagement activity is a target of 95% response rate to the CDP supply chain questionnaire. Additionally, we hold our suppliers accountable to the following best practices via our sustainability metric in the supplier balanced scorecard: (1) report publicly, (2) verify emissions (via third party review), and (3) have an absolute GHG reduction goal. Additionally, we encourage all our suppliers to (4) engage their own suppliers to report to CDP and utilize the best practices laid out above. ii. Impact of engagement according to measures of success: In 2021, we achieved our target response rate of 95%. In FY19, we announced new goals to address supply chain GHG emissions: - 80% of Cisco component, manufacturing, and logistics suppliers by spend will have a public, absolute GHG emissions reduction target by FY25. - Reduce Cisco supply chain-related Scope 3 GHG emissions by 30% absolute by FY30 (FY19 base year)

Comment

The information provided above applies to our direct supply chain operations. Our justification is that Cisco operates a fully out-sourced supply chain that produces a tremendous amount of value for our business and thus has a large influence on the products and services we produce. Cisco has over 500 global components, manufacturing, and logistics suppliers worldwide in our direct supply chain. This makes our direct supplier engagement a critical part of managing potential risks to our business. Additionally, in 2021, we requested over 170 suppliers from our indirect supply chain to report to CDP. % of supplier-related Scope 3 emissions is based on the percentage of primary data from suppliers used for calculation of our Scope 3 Category 1 emissions.

C12.1d

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

Environmental sustainability has become increasingly important to our employees, who have become key partners in the value chain for promoting and implementing our climate-related initiatives. We are committed to providing employees with tools that allow them to collaborate and solve environmental problems, both in the office and in their communities. We encourage employees to be global problem solvers and come up with innovative ways to improve reusability and recyclability. Our employee engagement efforts for fiscal 2021 include:

- **Annual shutdown:** Cisco requires employees in North America, and encourages other employees worldwide, to take time off at the end of December. The shutdown gives us an opportunity to power down facilities and unused equipment during a time when much of our workforce is already taking time off. Over the 10-day shutdown beginning in December 2019, Cisco avoided approximately \$690,000 in energy costs and 3,400 metric tonne CO₂e of emissions. Employees working in buildings in India, Hong Kong, reduced their electricity consumption by at least 40 percent during the shutdown.
- **Recycle IT Day:** Every year around Earth Day in April, we encourage employees to bring their used electronics to Cisco sites around the world to have them responsibly recycled using the same vendors we use to recycle Cisco products.
- **Cisco GreenHouse:** In 2016, we launched an interactive sustainability web platform for employees. Cisco GreenHouse connects passionate employees who want to find ways to lead more sustainable lives with likeminded peers all over the world. By the end of 2020, more than 9,000 employees had joined the site and taken action that has saved 9 million kWh of energy, avoided 4 million pounds of GHG emissions, saved 2 million gallons of water, and reduced 224,000 pounds of waste.
- **Earth Aware:** While Earth Day is just one day, Cisco extends the celebration with a two-month employee volunteerism and awareness campaign. During Earth Aware, we invite employees to practice sustainable behaviors like biking to work and properly sorting waste in cafeterias. We also host activities like on-campus farmer's markets and information sessions about Cisco's species conservation efforts. Earth Aware sparks new ideas and renews dedication to live in more environmentally responsible ways.
- **Bike to Work Day:** As part of the Earth Aware campaign, Cisco sponsors Bike to Work Day activities. While it is a global opportunity, Cisco employees and contractors in San Jose come out in large numbers. They visit Cisco's energizer station, grab bagels and fruit, get free chair massages, use the repair station, and visit with fellow cyclists. In partnership with the Silicon Valley Bike Coalition, Cisco helps remove thousands of cars from the roads in the Bay Area through this event. Also in the month of May, employees in Bangalore take part in the Zero Emissions Ride.
- **SustainX:** Earth Aware culminates in the Cisco SustainX event, a thought leadership forum hosted on Cisco's campuses. Employees from around the world come together to learn about Cisco's sustainability practices and how they can help make a difference. In FY21, our fifth annual event was 100% virtual. During this event, we invite internal executives to share what their teams are doing to reduce their environmental impact and external speakers to discuss the innovative ways they are working to improve the environment. Our FY21 SustainX event focused on environmental justice. Dr. Danielle Spurllock, Dr. Christopher Timmins, and Dr. Kay Jowers joined us during this session to define, provide background to, and give examples of environmental justice. Trey Boynton, Cisco's Global Lead for Inclusion & Collaboration Strategy & Alignment, spoke to some of the work that Cisco is doing to ensure Cisco has an inclusive culture and Mike Coubrough, SVP of Global Manufacturing & Logistics at Cisco, shared how Cisco is taking action to drive a more just and sustainable value chain.

C12.2

(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization's purchasing process?

Yes, climate-related requirements are included in our supplier contracts

C12.2a

(C12.2a) Provide details of the climate-related requirements that suppliers have to meet as part of your organization's purchasing process and the compliance mechanisms in place.

Climate-related requirement

Setting a science-based emissions reduction target

Description of this climate related requirement

Cisco has a set goal for 80% of Cisco component, manufacturing, and logistics suppliers by spend to have a public, absolute GHG emissions reduction target by FY2025. Cisco monitors compliance with this climate-related requirement through reviewing annual CDP responses.

% suppliers by procurement spend that have to comply with this climate-related requirement

80

% suppliers by procurement spend in compliance with this climate-related requirement

38

Mechanisms for monitoring compliance with this climate-related requirement

Supplier scorecard or rating

Response to supplier non-compliance with this climate-related requirement

Retain and engage

C12.3

(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?

Row 1

Direct or indirect engagement that could influence policy, law, or regulation that may impact the climate

Yes, we engage directly with policy makers
Yes, we engage indirectly through trade associations

Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?

Yes

Attach commitment or position statement(s)

Cisco has a long history of setting and achieving goals to reduce our environmental impact. In early fiscal 2022, we made our most important commitment yet: a pledge to reach net zero greenhouse gas (GHG) emissions across all scopes by 2040, 10 years ahead of when climate scientists say the planet must reach net zero to avoid the worst impacts of climate change. This goal covers all scopes of emissions, including those from our direct operations, our supply chain, and from the use of our products. We also plan to achieve net zero for our global Scope 1 and 2 emissions, which covers our direct operations, by fiscal year 2025. For additional information, see "Our Journey to Net Zero" on page 14 of our FY2021 Purpose Report. In addition, Cisco is also a Business Ambition for 1.5°C campaign member.
2021 Cisco Purpose Report.pdf

Describe the process(es) your organization has in place to ensure that your engagement activities are consistent with your overall climate change strategy

All Cisco sustainability activities are managed from a single corporate function, Corporate Affairs. This group is responsible for all corporate social responsibility (CSR): environment, social and corporate governance, assuring consistency across an even wider scope of related subject matter. The Corporate Affairs team is chartered specifically to interface with all business functions worldwide to manage external reporting, stakeholder engagement (including public policy/law, regulations and standards) to maintain consistency and to be sure the CSR-related views of all business functions are fully represented. These business functions include Legal/General Counsel, executive management, Sales, Manufacturing, Supply Chain, Communications, Finance, Product Development, Marketing, Services, Workplace Resources, HR, and IT, plus each geographic theaters (Europe, Middle East and Africa (EMEA), the Americas and Asia Pacific, Japan and China (APJC)).

Primary reason for not engaging in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

<Not Applicable>

Explain why your organization does not engage in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

<Not Applicable>

C12.3a

(C12.3a) On what policy, law, or regulation that may impact the climate has your organization been engaging directly with policy makers in the reporting year?

Focus of policy, law, or regulation that may impact the climate

Mandatory climate-related reporting

Specify the policy, law, or regulation on which your organization is engaging with policy makers

SEC's Proposed Rules on Climate-Related Disclosures

Policy, law, or regulation geographic coverage

National

Country/region the policy, law, or regulation applies to

United States of America

Your organization's position on the policy, law, or regulation

Support with minor exceptions

Description of engagement with policy makers

Cisco has corresponded with SEC officials and sent a letter to the SEC in advance of the proposed rules on climate-related disclosures.

Details of exceptions (if applicable) and your organization's proposed alternative approach to the policy, law or regulation

For more information, please see the comment letter submitted to the SEC by Cisco's Chief Accounting Officer, found at: <https://www.sec.gov/comments/climate-disclosure/cl12-8911751-244395.pdf>

Have you evaluated whether your organization's engagement is aligned with the goals of the Paris Agreement?

Yes, we have evaluated, and it is aligned

C12.3b

(C12.3b) Provide details of the trade associations your organization engages with which are likely to take a position on any policy, law or regulation that may impact the climate.

Trade association

Other, please specify (Responsible Business Alliance (formerly EICC))

Is your organization's position on climate change consistent with theirs?

Consistent

Has your organization influenced, or is your organization attempting to influence their position?

We publicly promote their current position

State the trade association's position on climate change, explain where your organization's position differs, and how you are attempting to influence their position (if applicable)

RBA is a nonprofit coalition of leading electronics companies dedicated to supply chain responsibility. In 2015 RBA partnered with CDP to help expand greenhouse gas (GHG) reporting and reductions in the electronics supply chain. RBA is collaborating with CDP to encourage electronics companies to disclose through CDP's supply chain program.

Funding figure your organization provided to this trade association in the reporting year, if applicable (currency as selected in C0.4) (optional)

Describe the aim of your organization's funding

<Not Applicable>

Have you evaluated whether your organization's engagement with this trade association is aligned with the goals of the Paris Agreement?

Yes, we have evaluated, and it is aligned

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

2021 Cisco Annual Report.pdf

Page/Section reference

Governance - page 12-15 Strategy - page 2-3 Risks & opportunities - page 16, 22-23, 24, 26 Emission targets - page 14-15

Content elements

Governance

Strategy

Risks & opportunities

Emission targets

Comment

Publication

In voluntary sustainability report

Status

Complete

Attach the document

2021 Cisco Purpose Report.pdf

Page/Section reference

Governance - page 74, 82 Strategy - page 14, 74-76, 78 Risks & opportunities - page 60 Emissions figures - page 75 Emission targets - page 14 Other metrics - page 8, 77, 84

Content elements

Governance

Strategy

Risks & opportunities

Emissions figures

Emission targets

Other metrics

Comment

C15. Biodiversity

C15.1

(C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?

	Board-level oversight and/or executive management-level responsibility for biodiversity-related issues	Description of oversight and objectives relating to biodiversity	Scope of board-level oversight
Row 1	No, and we do not plan to have both within the next two years	<Not Applicable>	<Not Applicable>

C15.2

(C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?

	Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity	Biodiversity-related public commitments	Initiatives endorsed
Row 1	Yes, we have endorsed initiatives only	<Not Applicable>	SDG

C15.3

(C15.3) Does your organization assess the impact of its value chain on biodiversity?

	Does your organization assess the impact of its value chain on biodiversity?	Portfolio
Row 1	No, but we plan to assess biodiversity-related impacts within the next two years	<Not Applicable>

C15.4

(C15.4) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

	Have you taken any actions in the reporting period to progress your biodiversity-related commitments?	Type of action taken to progress biodiversity-related commitments
Row 1	Yes, we are taking actions to progress our biodiversity-related commitments	Land/water management Species management

C15.5

(C15.5) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
Row 1	No	Please select

C15.6

(C15.6) Have you published information about your organization's response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Report type	Content elements	Attach the document and indicate where in the document the relevant biodiversity information is located
In voluntary sustainability report or other voluntary communications	Other, please specify (Cisco's biodiversity related initiatives)	Page 93 2021 Cisco Purpose Report.pdf
In voluntary sustainability report or other voluntary communications	Impacts on biodiversity Biodiversity strategy	Please see the Biodiversity and Connected Conservation sections of the Environmental Stewardship webpage on our ESG Hub, found at: https://www.cisco.com/c/m/en_us/about/csr/esg-hub/environment/stewardship.html

C16. 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.

The responses in this questionnaire contain forward-looking statements that are subject to the safe harbors created under the Securities Act of 1933, as amended, and the Securities Exchange Act of 1934, as amended. All statements other than statements of historical facts are statements that could be deemed forward-looking statements. These statements are based on expectations, estimates, forecasts, and projections about the industries in which we operate and the beliefs and assumptions of our management. Words such as "expects," "anticipates," "targets," "goals," "projects," "intends," "plans," "believes," "momentum," "seeks," "estimates," "continues," "endeavors," "strives," "may," variations of such words, and similar expressions are intended to identify such forward-looking statements. In addition, any statements that refer to (1) our goals, commitments and programs; (2) our business plans, initiatives and objectives; (3) our assumptions and expectations; (4) the scope and impact of our corporate responsibility risks and opportunities; and (5) standards and expectations of third parties. These forward-looking statements are only predictions and are subject to risks, uncertainties, and assumptions that are difficult to predict, including those identified in our most recent filings with the Securities and Exchange Commission on Form 10-K and Form 10-Q.

C16.1

(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Chief People, Policy & Purpose Officer of Cisco	Other C-Suite Officer