



May 4, 2023

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WSP has conducted an independent third-party review of Cisco Systems' (Cisco) 2022, and select categories for 2019, fiscal year (FY) greenhouse gas (GHG), water, and waste inventories with the intention of providing limited assurance of its accuracy and completeness. Given that there are no verification standards specific to waste and water, principles of GHG verification were adapted and applied. For FY 2022, the scope of the review includes all Scope 1 and Scope 2 emission sources, Scope 3 emissions from purchased goods and services, fuel and energy related activities, upstream transmission and distribution, business travel, employee commuting, downstream transportation and distribution, use of sold products, end of life treatment of sold products, all waste sources, and all water sources. For FY 2019, the scope of review includes Scope 1 jet fuel review, Scope 3 emissions from purchased goods and services, upstream transportation and distribution, business travel, downstream transportation and distribution, use of sold products, and end of life treatment of sold product. The GHG, water, and waste inventories apply to all owned and leased facilities under Cisco's operational control.

WSP provided a "Review Findings" report for the GHG, water, and waste inventories to Cisco which lists in detail the specific review tasks completed and areas which have been flagged for clarification or improvement. Cisco has addressed all requests for clarification and has completed all necessary corrective actions. The details of the scope of this assurance review can be found in Table 1.

Table 1: Assurance Scope

Assurance Parameter		Specification
GHG Calculation and Reporting Protocol	GHG	The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
	Water	Guidance adapted for water from: The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition).
	Waste	Guidance adapted for waste from: The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Accounting and Reporting Standard and The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition).
Verification Standard	GHG	ISO 14064-3
	Water and Waste	Verification guidance adapted for waste and water from: ISO 14064-3.
Level of Assurance	GHG, Water, and Waste	Limited
Organizational Boundary	GHG, Water, and Waste	Operational control

Geography	GHG, Water, and Waste	Global operations	
FY 2022			
Inventory Period and Emissions Covered	GHG, Water, and Waste	August 1, 2021 to July 31, 2022	
Scope 1	GHG	34,931 MT CO ₂ e (all Scope 1 sources)	
Scope 2 Location-Based	GHG	564,012 MT CO ₂ e (all Scope 2 sources)	
Scope 2 Market-Based	GHG	108,373 MT CO ₂ e (all Scope 2 sources)	
Scope 3	GHG	Category 1: Purchased Goods and Services	4,756,194 MT CO ₂ e
		Category 3: Fuel and Energy Related Activities	92,562 MT CO ₂ e
		Category 4: Upstream Transportation and Distribution	835,024 MT CO ₂ e
		Category 5: Waste	569 MT CO ₂ e
		Category 6: Business Travel	81,815 MT CO ₂ e
		Category 7: Employee Commuting	7,249 MT CO ₂ e
		Category 9: Downstream Transportation and Distribution	79,164 MT CO ₂ e
		Category 11: Use of Sold Products	11,978,535 MT CO ₂ e
		Category 12: End of Life Treatment of Sold Products	6,552 MT CO ₂ e
		Total Energy Consumption	Energy
Waste	Waste	Total Waste Generated = 2,458 metric tons Waste Disposed to Landfill = 611 metric tons Waste Disposed via Incineration = 2 metric tons Waste Diverted from Landfill = 1,844 metric tons	
Water	Water	FY22: 2,368,643 cubic meters	
Supporting Documents Reviewed	GHG, Energy, Water, and Waste	Emissions calculation spreadsheets Water data aggregation spreadsheets Waste data aggregation spreadsheets Energy, waste, and water purchasing data Waste emissions calculations For all Scope 3 categories assured: emissions calculation workbooks and associated activity data files for all categories	
Date Review Complete		May 1, 2023	
FY 2019			
Inventory Period and Emissions Covered	GHG	August 1, 2018 to July 31, 2019	
Scope 1	GHG	47,276 metric tons CO ₂ e (all Scope 1 sources)	
Scope 3	GHG	Category 1: Purchased Goods and Services	6,866,128 MT CO ₂ e
		Category 3: Fuel and Energy Related Activities	120,398 MT CO ₂ e
		Category 4: Upstream Transportation and Distribution	989,830 MT CO ₂ e
		Category 6: Business Travel	387,856 MT CO ₂ e
		Category 9: Downstream Transportation and Distribution	150,100 MT CO ₂ e

		Category 11: Use of Sold Products	17,867,750 MT CO ₂ e
		Category 12: End of Life Treatment of Sold Products	10,093 MT CO ₂ e
Total Energy Consumption	Energy	1,812,829,023 kWh	
Supporting Documents Reviewed	GHG and Energy	Emissions calculation spreadsheets Energy purchasing data	
Date Review Complete		May 1, 2023	
Goal Progress			
Inventory Period and Emissions Covered	GHG Goals	August 1, 2021 to July 31, 2022	
FY 2022 progress to reduce Scope 1 and 2 90% by FY2025 against FY19 base year	GHG	FY 2022 progress: 39% reduction from FY19 base year, Scope 1 and 2 emissions	
FY 2022 progress to reduce Cisco supply chain-related Scope 3 GHG emissions & Scope 3 category 11 emissions by 30% absolute by FY 2030, compared to FY 2019 base year	GHG	FY 2022 progress: 33% absolute reduction in supply-chain related Scope 3 emissions and Category 11 emissions, from FY19 base year	
FY 2022 progress towards goal that 80% of Cisco component, manufacturing, and logistics suppliers by spend will have a public, absolute GHG emissions reduction target by FY 2025	GHG/Supply Chain	FY 2022 progress: 78% of Cisco's component, manufacturing, and logistics suppliers by spend have a public, absolute GHG emissions reduction target set	

Assurance Finding

Based on these review processes and procedures, WSP has no evidence that Cisco's 2022 fiscal year GHG, water, and waste inventories are not materially correct, are not a fair representation of the corresponding data and information or have not been prepared in accordance with the Greenhouse Gas Protocol.

Professional Conduct

WSP has conducted this limited assurance review in its capacity as an independent third party in accordance with the ISO 14065 International Standard, *Greenhouse gases — Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition*. ISO 14065 specifies the principles and requirements employed by WSP to make this assertion. WSP has not contributed to the compilation of Cisco's 2022 fiscal year GHG, water, or waste inventories and members of the Assurance Team are not working with Cisco's 2022 fiscal year GHG, water, or waste inventories beyond what is required of this assignment.

Sincerely,



Jessica Lab
Project Director
WSP



Audrey Nolan
Lead Reviewer
WSP