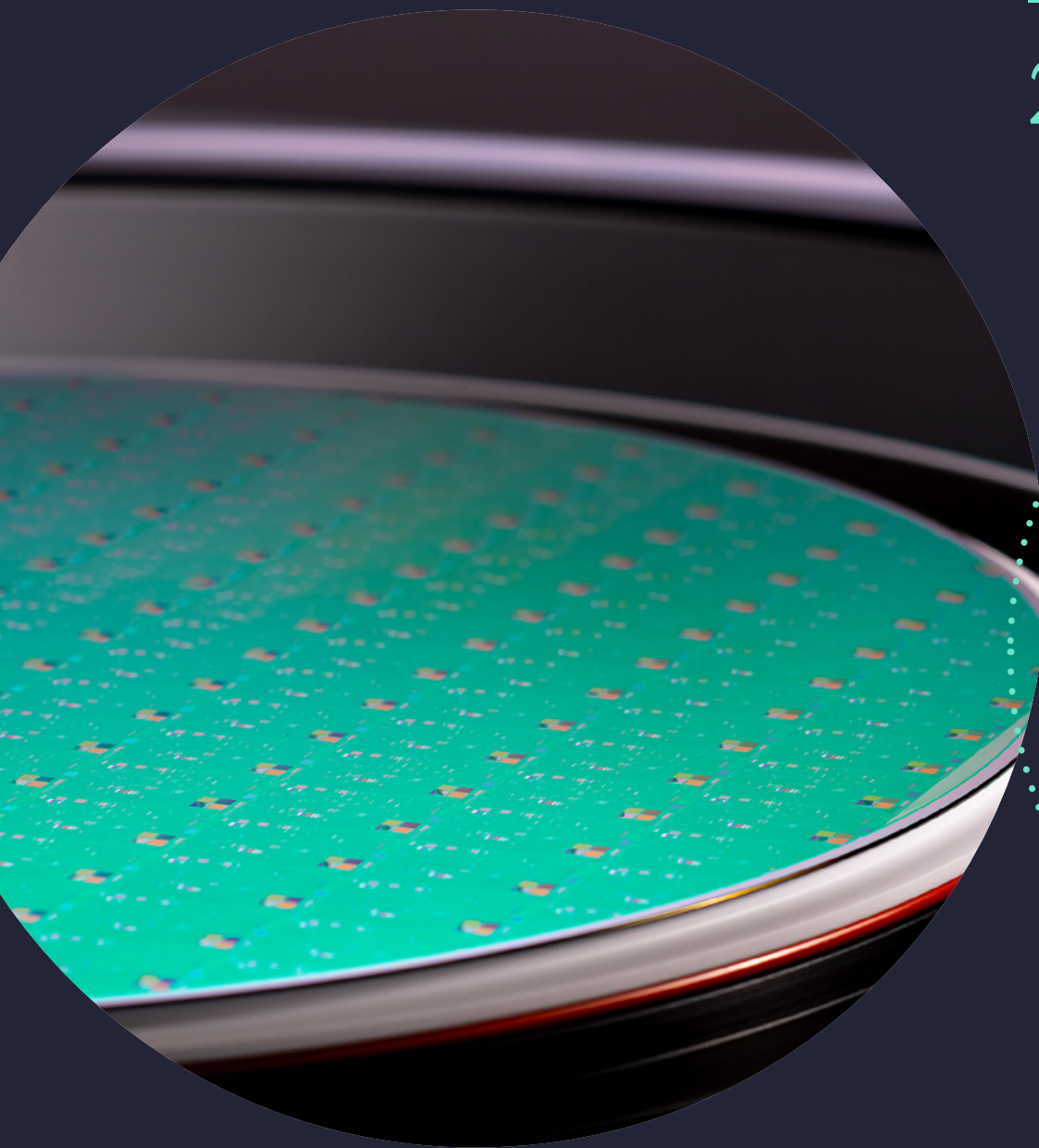




Lam Research

2022 ESG Report Appendix



IN THIS SECTION:

- 02** Performance summary
- 03** GRI index
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- 18** UN SDGs index



Performance summary¹

Data as of 12/31/2022.

Performance Area	2022	YOY Change	2021	2020
Business and Governance				
Number of full-time employees (approximate)	19,200	18%	16,300	12,228
Revenue	\$17.2B	17.8%	\$14.60	\$10.0B
R&D spend (as percentage of operating expenses)	\$1.6B (64%)	7.4%	\$1.5B (64%)	\$1.3B (63%)
Products and Customers				
Total number of installed base chambers (approximate)	84,000	12%	75,000	66,000
Workplace				
Gender Representation				
Percent of employee population identifying as female (global)	20.0%	2.6%	19.5%	18.6%
Percent of employee population identifying as female (U.S.)	22.3%	1.4%	22.0%	21.3%
Percent of new hires identifying as female (global)	23.0%	5.5%	21.8%	23.9%
U.S. Ethnicity				
White	49.3%	-2%	50.5%	50.5%
Asian	30.7%	2%	30%	30.9%
Hispanic or Latinx	7.3%	4%	7.0%	6.6%
Two or more races	3.1%	7%	2.9%	2.2%
Black or African American	2.6%	0%	2.6%	2.1%
Native Hawaiian or other Pacific Islander	0.7%	0%	0.7%	0.5%
American Indian or Native Alaskan	0.5%	25%	0.4%	0.3%
Not stated	5.8%	-2%	5.9%	6.9%
Employee Engagement, Recruitment, and Retention				
Employee engagement score (global top-tier benchmark 79)	78	-3%	80	80
Total new hires (global)	4,197	-7%	4,507	2,067
Number of internal promotions	2,577	33%	1,936	1,626
Total number of training courses	3,667	-19%	4,548	4,700
Education reimbursement for U.S. employees	\$2.2M	11%	\$1.98M	\$1.65M
Employee retention rate	89.7%	-4%	93%	95%
Average service years	6.2	-5%	6.5	7.7
Safety				
Recordable injury rate	0.35	-13%	0.40	0.26
Risk Management by Walking Around (RMBWA) reviews	264,000	28%	206,000	172,050

Performance Area	2022	YOY Change	2021	2020
Responsible Supply Chain				
Total number of supplier families	1,483	2%	1,450	1,459
Percent of spending on local suppliers (N. America)	49%	-25%	66%	49%
Total number of diverse suppliers	19	-24%	25	25
Total spending on diverse suppliers	\$123M	9%	\$113M	\$76M
Sustainable Operations				
Energy and Climate				
Energy consumption (million kWh)	494	23%	402	352
Percent renewables	44%	19%	37%	12%
GHG emissions Scopes 1 and 2 market-based (MTCO ₂ e)	496,299	44%	344,528	308,546
Scope 1 emissions (MTCO ₂ e)	432,998	50%	288,007	232,662
Scope 2 emissions location-based (MTCO ₂ e)	131,084	20%	109,627	87,170
Scope 2 emissions market-based (MTCO ₂ e)	63,300	12%	56,521	75,884
GHG emissions Scope 3 (MTCO ₂ e)	6.8M	1%	6.7M	N/A
Volatile organic compounds (metric tons)	78	111%	37	22
Waste				
Hazardous waste recycling rate	48%	100%	24%	22.4%
Non-hazardous waste recycling rate	77%	8%	71%	70%
Water				
Water usage (million gallons)	398	5%	378	292
Water usage in water-stressed regions (million gallons)	173	19%	144	114
Ultra-pure water usage (million gallons)	62	-44%	111	120
Number of environmental fines	3	0%	3	2
Community				
Total giving by the Lam Research Foundation	\$6.6M	6%	\$6.2M	\$7.8M
Employee volunteer hours	21,133	65%	12,781	11,993
Employee matching gifts	\$1.2M	9%	\$1.1M	\$1.7M
Number of charity organizations supported	2,153	39%	1,552	1,640

¹ All figures are for calendar year, with the exception of revenue and R&D spend which are presented on a fiscal year basis. 2020 is for fiscal year ending June 28, 2020; 2021 is for fiscal year ending June 27, 2021; 2022 is for fiscal year ending June 26, 2022. K is defined as thousand, M is defined as million, and B is defined as billion. Minimal rounding has been applied to these data.



GRI index

Lam Research Corporation has reported the information cited in this GRI content index for the period ranging from June 27, 2021 to June 26, 2022 with reference to the GRI Standards.

GRI 1 Used	GRI 1: Foundation 2021	
GRI Standard/ Other Source	Disclosure	Location/Response
General Disclosures		
GRI 2: General Disclosures 2021		
The Organization and Its Reporting		
2-1	Organizational details	Lam Research Corporation Fremont, CA, USA
2-2	102-2 Activities, brands, products, and services	Entities included in this report are identified in 2022 Form 10-K, Exhibit 21. Exceptions are noted throughout the report.
2-3	Reporting period, frequency and contact point	Annually Year end: June 26, 2022 investor.relations@lamresearch.com
2-4	Restatements of information	In 2022, we updated our baseline year (2019) emissions values for Scope 1, along with years 2020 and 2021. These changes are primarily due to the previously unknown source of Scope 1 emissions. In addition, we found that we had not accounted for the partial abatement of certain process gas emissions at our Fremont, California lab facility. In 2022, Lam changed our calculation approach for renewable energy to no longer include grid renewable energy. As a result, we have adjusted our percent renewables for 2020 and 2021. We also made corrections to our calculation method for volatile organic compounds, which resulted in Lam restating the values for 2020 and 2021.
2-5	External assurance	Our environmental data, including Scope 1 and 2 emissions, energy, waste, and water, are verified by an external third-party.
Activities and Workers		
2-6	Activities, value chain and other business relationships	2022 Form 10-K, Business, pp. 3-12
2-7	Employees	2022 Form 10-K, Human Capital, p. 10 2022 ESG Report—Appendix—Performance summary
Governance		
2-9	Governance structure and composition	2022 Proxy Statement—Lam's ESG Governance Structure, pp. 20-21 2022 Proxy Statement—Board Committees, p. 15
2-10	Nomination and selection of the highest governance body	2022 Proxy Statement—Board Nomination Policies and Procedures, pp. 11-12
2-11	Chair of the highest governance body	2022 Proxy Statement—Voting Proposals, pp. 58-64
2-12	Role of the highest governance body in overseeing the management of impacts	2022 Proxy Statement—Environmental, Social, and Governance Matters, pp. 19-20
2-13	Delegation of responsibility for managing impacts	2022 Proxy Statement—Environmental, Social, and Governance Matters, pp. 19-20
2-14	Role of the highest governance body in sustainability reporting	2022 Proxy Statement—Environmental, Social, and Governance Matters, pp. 19-20 2022 Proxy Statement—Board Committees, p. 15



GRI index (continued)

GRI Standard/ Other Source	Disclosure	Location/Response
2-15	Conflicts of interest	2022 Proxy Statement—Corporate Governance Policies, p. 10 Global Standards of Business Conduct Policy
2-16	Communication of critical concerns	2022 Proxy Statement—Communications with Board Members, p. 14
2-17	Collective knowledge of the highest governance body	2022 Proxy Statement—Director Nominee Key Qualifications, Skills and Experiences Highlights, p. 3
2-18	Evaluation of the performance of the highest governance body	2022 Proxy Statement—Board Effectiveness Practices, p. 10
2-19	Remuneration policies	2022 Proxy Statement—Direct Compensation, pp. 21-23 2022 Proxy Statement—Overview of Executive Compensation, pp. 25-29
2-20	Process to determine remuneration	2022 Proxy Statement—Executive Compensation Governance and Procedures, pp. 30-32
2-21	Annual total compensation ratio	2022 Proxy Statement—CEO Pay Ratio, p. 53
Strategy, Policies and Practices		
2-22	Statement on sustainable development strategy	CEO Letter
2-23	Policy commitments	Global Standards of Business Conduct Global Supplier Code of Conduct Environmental Health and Safety Policy Global Employment Practices Statement Human Rights Policy Privacy Policy Terms of Use Global California Transparency in Supply Chains Act of 2010 Compliance Statement Code of Ethics Corporate Public Policy and Engagement Statement
2-24	Embedding policy commitments	2022 ESG Report—Our workplace—Keeping our employees safe 2022 ESG Report—Our workplace—Shaping an inclusive culture 2022 ESG Report—Responsible supply chain—Upholding human rights 2022 ESG Report—Responsible supply chain—Ensuring responsible sourcing of minerals 2022 ESG Report—Responsible supply chain—Cultivating a diverse supply chain 2022 ESG Report—Business and governance
2-25	Processes to remediate negative impacts	Ethics Helpline Anyone, including employees, contractors, suppliers, and customers may report a concern related to potential misconduct involving Lam.



GRI index (continued)

GRI Standard/ Other Source	Disclosure	Location/Response
2-26	Mechanisms for seeking advice and raising concerns	<p>Our Reporting Concerns Policy provides guidance to employees on raising concerns about a variety of issues, including those that are financial. Our Ethics & Compliance (E&C) team investigates allegations involving alleged kickbacks, bribery, trade secret theft, insider trading, conflicts of interest, and corporate card and expense abuse, among other issues. They also share their investigations reporting data with employees, including data related to:</p> <ul style="list-style-type: none"> • Annual report volumes • Claim types • Anonymous reporting rates • The substantiation rate at which E&C concluded that a violation occurred • Aggregated corrective actions taken for substantiated cases <p>For further information, see the Business and governance—Building an ethical culture section of this Report.</p>
2-27	Compliance with laws and regulations	<p>We take a risk-based approach to conduct due diligence and exercise strong third-party risk management through our compliance questionnaire, Supplier Code of Conduct, and Human Rights Policy. This includes conducting risk-based, annual internal audits to evaluate the adequacy and effectiveness of control processes and systems within targeted areas of our business. The audits support Lam's compliance with various control objectives, as well as applicable policies, procedures, regulations, and laws. Based on the results, our Internal Audit team makes recommendations to add value and drive improvements across our business.</p> <p>For further information on instances of non-compliance see our 2022 Form 10-K, Legal, Regulatory, and Tax Risks, pp. 20-22.</p>
2-28	Membership associations	Semiconductor Climate Consortium, United Nations Global Compact, East Bay Foundation, National Association of Manufacturers, Responsible Business Alliance, SEMI, Semiconductor Industry Association, Silicon Valley Community Foundation, and Watermark, US-India Strategic Partnership, Inc., US-Korea Business Council, US-Taiwan Business Council, US-China Business Council, Silicon Valley Leadership Group, U.S.-India Business Council
Stakeholder Engagement		
2-29	Approach to stakeholder engagement	2022 ESG Report—Business and governance—Engaging our global stakeholders
2-30	Collective bargaining agreements	2022 ESG Report—Business and governance—Upholding human rights
Material Topics		
GRI 3: Material Topics 2021		
3-1	Process to determine material topics	2022 ESG Report—Business and governance—Engaging our global stakeholders
3-2	List of material topics	2022 ESG Report—Business and governance—Engaging our global stakeholders
GRI 200: Economic		
GRI 201: Economic Performance		
3-3	Management of material topic	2022 ESG Report—Business and governance 2022 10-K, Consolidated Statements of Operations, p. 41
201-1	Direct economic value generated and distributed	2022 10-K, Consolidated Statements of Operations, p. 39



GRI index (continued)

GRI Standard/ Other Source	Disclosure	Location/Response
201-2	Financial implications and other risks and opportunities due to climate change	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap 2022 ESG Report—Business and governance—Our ESG approach 2022 ESG Report—Appendix—TCFD index 2022 10-K, Business and Operational Risks, pp. 16, 18, 21
201-3	Defined benefit plan obligations and other retirement plans	2022 10-K, Note 16: Retirement and Deferred Compensation Plans, p. 61 We offer a competitive 401(k) benefit, matching 50% of regular pre-tax contributions and/or regular Roth contributions on the first 6% of eligible pay that employees contribute to the plan. In 2022, 99.7% of our eligible employees received bonuses. Stock awards are offered to senior and other selected employees. In 2022, 78% of our employees chose to invest in Lam through our employee stock purchase plan (ESPP). Eligible employees who work 20 hours or more per week may contribute up to 15% of their earnings to the ESPP (subject to statutory limits) and are eligible to purchase shares at a discount of at least 15%.
201-4	Financial assistance received from government	Lam was also granted sales tax incentive grants from the California Alternative Energy and Advanced Transportation and Financing Authority (CAEATFA) that allowed Lam to purchase certain Mfg/R&D spend tax free.
GRI 203: Indirect Economic Impacts		
3-3	Management of material topic	2022 ESG Report—Business and governance—Engaging our global stakeholders 2022 ESG Report—Our communities—Resilient communities
203-1	Infrastructure investments and services supported	2022 ESG Report—Business and governance—Engaging our global stakeholders 2022 ESG Report—Our communities—Resilient communities
203-2	Significant indirect economic impacts	2022 ESG Report—Business and governance—Engaging our global stakeholders 2022 ESG Report—Our communities—Resilient communities
GRI 205: Anti-corruption		
3-3	Management of material topic	Lam's Global Standards of Business Conduct addresses a range of ethics and compliance issues, such as protecting confidential information; prohibiting bribery and corruption; and giving or receiving gifts, meals, travel, and entertainment. It also covers workplace conduct issues such as harassment and discrimination, as well as conflicts of interest created by relationships. We regularly review and update the Global Standards of Business Conduct to ensure that it remains relevant to our business. Additional policies and procedures provide further guidance on specific ethics and compliance areas, including: <ul style="list-style-type: none"> • Anti-bribery and corruption • Anti-harassment • Conflicts of interest • Conflicts of interest created by relationships • Gifts, meals, travel, and entertainment • Insider trading • Reporting concerns <p>For more information, see the Business and governance section of this Report, Global Standards of Business Conduct, Global Supplier Code of Conduct, and Code of Ethics.</p>
205-1	Operations assessed for risks related to corruption	2022 ESG Report—Business and governance
205-2	Communication and training about anti-corruption policies and procedures	Lam requires employees to complete annual training that reinforces their understanding of selected topics within the Global Standards of Business Conduct.



GRI index (continued)

GRI Standard/ Other Source	Disclosure	Location/Response
GRI 206: Anti-competitive Behavior		
3-3	Management of material topic	<p>Lam's Global Standards of Business Conduct addresses a range of ethics and compliance issues, such as protecting confidential information; prohibiting bribery and corruption; and giving or receiving gifts, meals, travel, and entertainment. It also covers workplace conduct issues such as harassment and discrimination, as well as conflicts of interest created by relationships. We regularly review and update the Global Standards of Business Conduct to ensure that it remains relevant to our business. Additional policies and procedures provide further guidance on specific ethics and compliance areas, including:</p> <ul style="list-style-type: none"> • Anti-bribery and corruption • Anti-harassment • Conflicts of interest • Conflicts of interest created by relationships • Gifts, meals, travel, and entertainment • Insider trading • Reporting concerns <p>For more information, see the Business and governance section of this Report, Global Standards of Business Conduct, Global Supplier Code of Conduct, and Code of Ethics.</p>
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Lam was not subject to any such legal actions during the reporting period.
GRI 207: Tax		
3-3	Management of material topic	<p>2022 ESG Report—Business and governance—Engaging policymakers and complying with global taxation—Ensuring compliance with global taxation 2022 10-K, pp. 8-9, 20-21, 41, 50, 55 United Kingdom Tax Strategy</p>
207-1	Approach to tax	2022 ESG Report—Business and Governance—Engaging policymakers and complying with global taxation—Ensuring compliance with global taxation
207-2	Tax governance, control, and risk management	2022 ESG Report—Business and Governance—Engaging policymakers and complying with global taxation—Ensuring compliance with global taxation
207-3	Stakeholder engagement and management of concerns related to tax	2022 ESG Report—Business and Governance—Engaging policymakers and complying with global taxation—Ensuring compliance with global taxation
207-4	Country-by-country reporting	Lam Research does not provide country-by-country reporting on taxes. See 10-K references for overall reporting on taxes.
GRI 300: Environmental		
GRI 302: Energy		
3-3	Management of material topic	<p>2022 ESG Report—Business and governance—Our ESG approach 2022 ESG Report—Sustainable operations 2022 CDP Climate Change Response</p>
302-1	Energy consumption within the organization	<p>2022 ESG Report—Sustainable operations—Optimizing energy 2022 ESG Report—Sustainable operations—Advancing our net zero roadmap</p>
302-2	Energy consumption outside of the organization	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap

GRI index (continued)

GRI Standard/ Other Source	Disclosure	Location/Response
302-3	Energy intensity	2022 ESG Report—Sustainable operations—Optimizing energy
302-4	Reduction of energy consumption	2022 ESG Report—Sustainable operations 2022 ESG Report—Responsible supply chain—Collaborating toward ESG progress
302-5	Reductions in energy requirements of products and services	2022 ESG Report—Product innovation—Creating our most efficient and sustainable generation of products
GRI 303: Water and Effluents		
3-3	Management of material topic	2022 ESG Report—Sustainable operations 2022 CDP Water Security
303-1	Interactions with water as a shared resource	2022 ESG Report—Sustainable operations—Accelerating water savings
303-2	Management of water discharge-related impacts	2022 ESG Report—Sustainable operations—Accelerating water savings 2022 CDP Water Security
303-3	Water withdrawal	2022 ESG Report—Sustainable operations—Accelerating water savings 2022 CDP Water Security, W1.2b, W1.2h
303-4	Water discharge	2022 ESG Report—Sustainable operations—Accelerating water savings 2022 CDP Water Security, W1.2b, W1.2i
303-5	Water consumption	2022 ESG Report—Sustainable operations—Accelerating water savings 2022 CDP Water Security, W1.2b
GRI 305: Emissions		
3-3	Management of material topic	2022 ESG Report—Business and governance—Our ESG approach 2022 ESG Report—Sustainable operations 2022 ESG Report—Responsible supply chain—Collaborating toward ESG progress 2022 CDP Climate Change Response
305-1	Direct (Scope 1) GHG emissions	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap
305-2	Energy indirect (Scope 2) GHG emissions	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap
305-3	Other indirect (Scope 3) GHG emissions	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap
305-4	GHG emissions intensity	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap
305-5	Reduction of GHG emissions	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap
305-6	Emissions of ozone-depleting substances (ODS)	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap
305-7	Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap
GRI 306: Waste		
3-3	Management of material topic	2022 ESG Report—Business and governance—Our ESG approach 2022 ESG Report—Sustainable operations



GRI index (continued)

GRI Standard/ Other Source	Disclosure	Location/Response
306-1	Waste generation and significant waste-related impacts	2022 ESG Report—Sustainable operations—Maximizing value by minimizing waste
306-2	Management of significant waste-related impacts	2022 ESG Report—Sustainable operations—Maximizing value by minimizing waste
306-3	Waste generated	2022 ESG Report—Sustainable operations—Maximizing value by minimizing waste
306-4	Waste diverted from disposal	2022 ESG Report—Sustainable operations—Maximizing value by minimizing waste
306-5	Waste directed to disposal	2022 ESG Report—Sustainable operations—Maximizing value by minimizing waste
GRI 308: Supplier Environmental Assessment		
3-3	Management of material topic	2022 ESG Report—Responsible supply chain
308-1	New suppliers that were screened using environmental criteria	We expect our suppliers to make every effort to reduce impact on the environment by meeting standards established by applicable environmental legislation.
308-2	Negative environmental impacts in the supply chain and actions taken	2022 ESG Report—Responsible supply chain—Advancing climate action together Lam recognizes the impact our supply chain has on the environment, and to mitigate the impact we set a science-based target (SBT) engagement goal to work with suppliers to set their own SBTs.
GRI 400: Social		
GRI 401: Employment		
3-3	Management of material topic	2022 ESG Report—Business and governance—Engaging our global stakeholders 2022 ESG Report—Our workplace
401-1	New employee hires and employee turnover	2022 ESG Report—Appendix—Performance summary
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	2022 ESG Report—Our workplace—Engaging and developing our people
GRI 403: Occupational Health and Safety		
3-3	Management of material topic	2022 ESG Report—Business and governance—Engaging our global stakeholders 2022 ESG Report—Our workplace—Keeping our employees safe
403-1	Occupational health and safety management system	2022 ESG Report—Our workplace—Keeping our employees safe
403-2	Hazard identification, risk assessment, and incident investigation	2022 ESG Report—Our workplace—Keeping our employees safe
403-3	Occupational health services	2022 ESG Report—Our workplace—Keeping our employees safe
403-4	Worker participation, consultation, and communication on occupational health and safety	2022 ESG Report—Our workplace—Keeping our employees safe



GRI index (continued)

GRI Standard/ Other Source	Disclosure	Location/Response
403-5	Worker training on occupational health and safety	2022 ESG Report—Our workplace—Keeping our employees safe
403-6	Promotion of worker health	2022 ESG Report—Our workplace—Keeping our employees safe
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	2022 ESG Report—Our workplace—Keeping our employees safe
403-8	Workers covered by an occupational health and safety management system	2022 ESG Report—Our workplace—Keeping our employees safe
403-9	Work-related injuries	2022 ESG Report—Our workplace—Keeping our employees safe
403-10	Work-related ill health	2022 ESG Report—Our workplace—Keeping our employees safe
GRI 404: Training and Education		
3-3	Management of material topic	2022 ESG Report—Business and governance—Engaging our global stakeholders 2022 ESG Report—Our workplace—Engaging and developing our people
404-2	Programs for upgrading employee skills and transition assistance programs	2022 ESG Report—Our workplace—Engaging and developing our people
404-3	Percentage of employees receiving regular performance and career development reviews	70% of our employees received an annual performance review during this reporting period. To learn more about our employee training and development, see the Our workplace—Engaging and developing our people section of this Report.
GRI 405: Diversity and Equal Opportunity		
3-3	Management of material topic	2022 ESG Report—Our workplace—Shaping an inclusive culture Corporate Governance Guidelines
405-1	Diversity of governance bodies and employees	2022 ESG Report—Our workplace—Shaping an inclusive culture
GRI 407: Freedom of Association and Collective Bargaining		
3-3	Management of material topic	2022 ESG Report—Responsible supply chain—Upholding human rights Global Employment Practices Statement
407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk: Measures taken by the organization in the reporting period intended to support rights to exercise freedom of association and collective bargaining.	Lam is not aware of any operations or major direct suppliers in which right to freedom of association and collective bargaining (to the extent permitted under local laws) was at risk in 2022.

GRI index (continued)

GRI Standard/ Other Source	Disclosure	Location/Response
GRI 408: Child Labor		
3-3	Management of material topic	2022 ESG Report—Responsible supply chain—Our strategy for mutual success Global Supplier Code of Conduct
408-1	Operations and suppliers at significant risk for incidents of child labor	In 2022, we leveraged Responsible Business Alliance tools to assess risks in the regions where our suppliers operate. Through the process, we identified three high-risk countries for child labor and migrant labor. Lam respects human rights and is committed to adhering to humane business practices wherever the company does business, including complying with laws such as the U.K. Modern Slavery Act of 2015 and the California Transparency in Supply Chains Act of 2010.
GRI 409: Forced or Compulsory Labor		
3-3	Management of material topic	2022 ESG Report—Responsible supply chain—Our strategy for mutual success Global Supplier Code of Conduct
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	In 2022, we leveraged Responsible Business Alliance tools to assess risks in the regions where our suppliers operate. Through the process, we identified three high-risk countries for child labor and migrant labor. Lam respects human rights and is committed to adhering to humane business practices wherever the company does business, including complying with laws such as the U.K. Modern Slavery Act of 2015 and the California Transparency in Supply Chains Act of 2010.
GRI 413: Local Communities		
3-3	Management of material topic	2022 ESG Report—Our communities
413-1	Operations with local community engagement, impact assessments, and development programs	2022 ESG Report—Our communities—Transformative learning, Resilient communities
413-2	Operations with significant actual and potential negative impacts on local communities	2022 ESG Report—Our communities—Transformative learning, Resilient communities
GRI 414: Supplier Social Assessment		
3-3	Management of material topic	2022 ESG Report—Business and governance—Building an ethical culture 2022 ESG Report—Responsible supply chain—Our strategy for mutual success, Upholding human rights
414-1	New suppliers that were screened using social criteria	Lam values a diverse supply chain and is committed to selecting diverse suppliers that offer goods and services that meet our company's standards, supplier selection criteria, and customer requirements. Promoting a diverse supplier base is a priority for Lam, and we support a number of industry and customer initiatives around supplier diversity. Diversity is also included in our supplier scorecard, and we track and report spending with diverse direct material suppliers on a periodic basis. We are using this data to facilitate a cross-functional approach to supplier diversity. We are a member of the SEMI (formerly Semiconductor Equipment and Materials International) Manufacturing Ownership Diversity Task Force that promotes and shares best practices for manufacturing ownership diversity (more commonly known as supplier diversity.).
414-2	Negative social impacts in the supply chain and actions taken	2022 ESG Report—Responsible supply chain—Our strategy for mutual success, Upholding human rights



GRI index (continued)

GRI Standard/ Other Source	Disclosure	Location/Response
GRI 415: Public Policy		
3-3	Management of material topic	2022 ESG Report—Business and governance—Engaging policymakers
415-1	Political contributions	2022 ESG Report—Business and governance—Engaging policymakers
GRI 416: Customer Health and Safety		
3-3	Management of material topic	2022 ESG Report—Business and governance—Building an ethical culture 2022 ESG Report—Product innovation—Delivering safe, high-quality products
416-1	Assessment of the health and safety impacts of product and service categories	2022 ESG Report—Product innovation—Delivering safe, high-quality products, Developing sustainable solutions
416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	In 2022, there were zero incidents of non-compliance concerning the health and safety impacts of products and service.
GRI 418: Customer Privacy		
3-3	Management of material topic	2022 ESG Report—Business and governance—Protecting data and intellectual property
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	In 2022, we did not experience any losses or breaches of customer data that resulted in a material adverse effect. For more information, see the Business and governance—Protecting data and intellectual property section of this Report.



SASB index

Lam Research is reporting to the SASB Standards to bring industry-specific rigor to our sustainability disclosure. We are reporting to the Semiconductors Standard which most closely aligns with the business.

Topic	Accounting Metric	Code	Category	Response/Reference
GHG Emissions	(1) Gross global Scope 1 emissions (2) amount of total emissions from perfluorinated compounds	TC-SC-110a.1	Quantitative	(1) 432,998 MTCO ₂ e (2) 5,321 MTCO ₂ e
	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets.	TC-SC-110a.2	Discussion and Analysis	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap
Energy Management	(1) Total energy consumed (2) percentage grid electricity (3) percentage renewable	TC-SC-130a.1	Quantitative	(1) 493,000 MWh (2) 73% (3) 44%
Water Management	(1) Total water withdrawn (2) total consumed percentage of each in regions with water High or Extremely High Baseline Water Stress	TC-SC-140a.1	Quantitative	(1) 398 million gallons (2) 43%
Waste Management	(1) Amount of hazardous waste from manufacturing (2) Percentage recycled	TC-SC-150a.1	Quantitative	(1) 1,922 metric tons (2) 48%
Employee Health and Safety	Description of efforts to assess, monitor, and reduce exposure of employees to human health hazards.	TC-SC-320a.1	Discussion and Analysis	2022 ESG Report—Our workplace—Keeping our employees safe
	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations	TC-SC-320a.2	Quantitative	\$0
Recruiting and Managing a Global and Skilled Workforce	Percentage of employees that are: (1) foreign nationals (2) located offshore	TC-SC-330a.1	Quantitative	Lam Research does not believe this is a material metric to our business due to our global footprint. A breakdown of employees by region and other material human capital metrics are available in the Introduction and Our workplace—Shaping an inclusive culture sections of this Report.



SASB index (continued)

Topic	Accounting Metric	Code	Category	Response/Reference
Product Lifecycle Management	Percentage of products by revenue that contain IEC 62474 declarable substances	TC-SC-410a.1:	Percentage (%)	Lam Research discloses information on our strategy and product value chains. We do not believe that percentage of revenue is a material metric to disclose.
	Processor energy efficiency at a system-level for: (1) servers, (2) desktops, and (3) laptops	TC-SC-410a.2:	Various, by product category	Not Applicable. Lam Research does not manufacture servers, desktops, or laptops.
Materials Sourcing	Description of the management of risks associated with the use of critical materials	TC-SC-440a.1	N/A	2022 ESG Report—Product innovation 2022 ESG Report—Responsible supply chain
Intellectual Property Protection and Competitive Behavior	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	TC-SC-520a.1	Reporting currency	\$0
Activity Metrics				
Total Production		TC-SC-000.A	Quantitative	Approximately 9,000 chambers
Percentage of Production from Owned Facilities		TC-SC-000.B	Quantitative	All process modules are assembled, tested, and inspected for quality at Lam facilities.



TCFD index

Disclosure Focus Area	Recommended Disclosure	2022 Response	2022 Reference
Governance			
Disclose the organization's governance around climate-related risks and opportunities.	a) Describe the board's oversight of climate-related risks and opportunities.	Our Board is actively engaged in ESG oversight. The Nominating and Governance Committee (NGC) has the primary responsibility for our ESG priorities, including reviewing our 2025, 2030, and 2050 climate and energy goals and our 2025 waste and water goals. In 2022, management provided updates to the Board or its committees at least quarterly and engaged them to discuss ESG strategy, gain alignment on goals, and report on progress. The full Board receives the annual ESG Report before it is published, and the NGC reviews and provides feedback.	CDP Climate Change 2022 C1.1a, C1.1b
	b) Describe management's role in assessing and managing climate-related risks and opportunities.	We formed a new Executive Steering Committee in 2020 to guide our ESG strategy, approve and support initiatives, and help keep us accountable. The CEO and members of the CEO staff participate on this committee which oversees the work driven by our cross-functional ESG Leadership Team. In 2021, we formed a new net zero leadership team that is responsible for working with business units to integrate climate considerations into decision-making processes, driving progress on our net zero strategy and tracking greenhouse gas (GHG) performance on our climate goals. Each of our active working groups has an accountable executive responsible for the activity and progress toward our net zero goal.	2022 ESG Report—Introduction—Building momentum to achieve our ESG goals CDP Climate Change 2022 C1.1a, C1.1b, C1.2, C1.2a, C1.3, C1.3a
Strategy			
Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.	a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	<p>Through a Climate Risk Analysis conducted in conjunction with a third-party, Lam Research has identified a range of potential physical, market/technology, and policy/legal risks and opportunities.</p> <p>Risks:</p> <ul style="list-style-type: none"> • Changing customer expectations • Competitors' developing lower-impact products • Operational disruptions from flooding, natural hazards, rising temperatures, and/or water stress • Natural hazards leading to supply chain disruptions and/or preventing access to the operational workplace • Regulation of Lam's direct operations, customer operations, and/or raw materials (e.g., carbon pricing) • Reputational impacts from poor performance on external climate-related engagements • Water stress impacting major customer operations <p>Opportunities:</p> <ul style="list-style-type: none"> • Expansion of end-use markets • Improving resilience of business operations through asset hardening • Operational footprint reduction • Reduced resource consumption of sold products <p>Lam is factoring these potential risks and opportunities into the development of less energy-intensive products, capital funding for climate-related operations projects, including energy conservation, and through engaging with suppliers on environmental sustainability opportunities. The physical risks are incorporated into the business continuity planning activities across the company and vary based on site-specific risk profiles.</p> <p>For more information on Lam's progress to mitigate climate risk, see the Product innovation, Sustainable operations, and Supply chain sections of this Report.</p>	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap; Optimizing energy 2022 ESG Report—Product innovation—Creating our most efficient and sustainable generation of products 2022 ESG Report—Responsible supply chain—Collaborating toward ESG progress CDP Climate Change 2022 C2.1a, C2.3, C2.3a, C2.3b, C2.4, C2.4a, C3.1, C3.3, C3.4

TCFD index (continued)

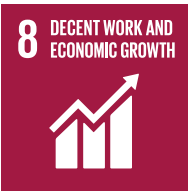

Disclosure Focus Area	Recommended Disclosure	2022 Response	2022 Reference
	b) Describe the impact of climate-related risks and opportunities on the organization’s businesses, strategy, and financial planning.		2022 ESG Report—Sustainable operations—Advancing our net zero roadmap 2022 ESG Report—Responsible supply chain—Advancing climate action together CDP Climate Change 2022 C2.4a, C3.1, C3.3, C3.4
	c) Describe the resilience of the organization’s strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	Lam has begun to undertake a qualitative scenario analysis with plans to add quantitative in the next two years. To bolster Lam’s resilience against the various climate-related scenarios, the company is: <ul style="list-style-type: none"> • Undertaking deeper analysis on the climate risks that may have the potential to impact Lam, such as reputational and customer expectation risks, along with potential regulation • Incorporating those risks into our risk management system • Developing plans to mitigate those risks over time • Setting short-, medium-, and long-term climate goals to mitigate our operational impacts • Developing plans to address our carbon impacts across our value chain—including our supply chain, operations, and product use 	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap CDP Climate Change 2022 C3.2, C3.2a
Risk Management			
Disclose how the organization identifies, assesses and manages climate-related risks.	a) Describe the organization’s processes for identifying and assessing climate-related risks.	Lam conducted a qualitative climate risk analysis that involved engaging internal stakeholders, conducting research, and applying our internal risk rating system to assess the likelihood and impact of those potential climate risks. Lam has an established enterprise risk management system, which we aim to utilize to address any identified material climate risks in the future. In addition, risk owners for some material climate risks are identified and expected to report the risks and any associated mitigation actions on a regular basis.	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap CDP Climate Change 2022 C2
	b) Describe the organization’s processes for managing climate-related risks.	We’ve utilized a third-party platform to assess the physical climate risks associated with our key manufacturing and lab facilities, along with some of our top supplier locations. The assessment provides a scorecard with potential exposure to hazards affected by climate change, including: heat stress, floods, sea level rise, wildfire, water stress, hurricanes, typhoons, and earthquakes. Results of these assessments have been shared with appropriate leadership within the business and are being incorporated into our regular business continuity planning processes. Additionally, we also utilize this tool when assessing the potential for siting of new facilities globally. We also have a robust environmental, health, and safety (EH&S) risk inventory system and process for evaluating our risks in accordance with our ISO 14001 certification. More details can be found in our 2022 CDP Climate Change disclosure .	2022 ESG Report—Sustainable operations—Advancing our net zero roadmap



TCFD index (continued)

Disclosure Focus Area	Recommended Disclosure	2022 Response	2022 Reference
	<p>c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.</p>	<p>As part of our net zero governance, we hold regular meetings with our working group leads and accountable executives. We ask these leaders to identify potential risks and escalate those accordingly. We adjust our strategy as risks are identified and put mitigation plans in place.</p> <p>For key transition risks, such as changing customer expectations and competitors' developing low-impact products, we work closely with our global customer operations team to understand the customer's environmental sustainability expectations and incorporate them into our product sustainability initiatives. We collaborate with our customers to identify the most impactful and cost effective opportunities to reduce emissions and energy use of our tools. Finally, we stay abreast of what our competitors are offering in this space.</p> <p>For regulatory risks, we monitor the various emerging regulations that have an impact on environmental practices and reporting through our government affairs team and industry associations. As a result, we align our net zero strategy to reflect any changing requirements.</p> <p>Reputational risk transparency and reporting is a key pillar of our net zero strategy. We communicate regularly with our external stakeholders to share our climate strategies and goals, report annually through our ESG report, and disclose to a variety of third-party rating entities on our progress, including CDP, DJSI, ISS, and MSCI.</p>	<p>2022 ESG Report—Sustainable operations—Advancing our net zero roadmap</p>
Metrics and Targets			
<p>Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.</p>	<p>a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.</p>	<p>Lam Research monitors several metrics to measure progress toward achieving our 2025, 2030, 2040, and 2050 net zero goals, including emissions generated and energy consumption metrics.</p>	<p>2022 ESG Report—Sustainable operations—Advancing our net zero roadmap 2022 ESG Report—Appendix—Performance Summary</p>
	<p>b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.</p>	<p>Please refer to our reporting on Scope 1, 2, and 3 emissions on page 30 of the Sustainable operations section of this Report. See Strategy section of the TCFD index for emissions-related risks.</p>	<p>2022 ESG Report—Sustainable operations—Advancing our net zero roadmap 2022 ESG Report—Appendix—Performance Summary</p>
	<p>c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.</p>	<p>Targets:</p> <ul style="list-style-type: none"> • Achieve 100% renewable electricity globally by 2030 • Reduce absolute Scope 1 and 2 GHG emissions 25% by 2025 and 60.6% by 2030 from a 2019 baseline • Achieve net zero emissions by 2050 • Achieve 12 million kWh in total energy savings from a 2019 baseline • 83% of customers measured by emissions will set science-based targets (SBTs) • 46.5% of suppliers measured by emissions will set SBTs <p>For more information see the Introduction—Building momentum to achieve our ESG goals section of this Report for performance against targets.</p>	<p>2022 ESG Report—Introduction—Building momentum to achieve our ESG goals 2022 ESG Report—Sustainable operations—Advancing our net zero roadmap</p>

UN SDGs

Goal	Relevant Targets	How we are contributing
	<p>3.9 By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination</p>	<p>2022 ESG Report—Sustainable operations 2022 ESG Report—Our workplace 2022 ESG Report—Responsible supply chain</p>
	<p>4.3 By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university</p> <p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship</p>	<p>2022 ESG Report—Our workplace 2022 ESG Report—Our communities</p>
	<p>8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value-added and labor-intensive sectors</p> <p>8.5 By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value</p>	<p>2022 ESG Report—Product innovation 2022 ESG Report—Our workplace 2022 ESG Report—Responsible supply chain</p>
	<p>10.2 By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status</p> <p>10.4 Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality</p>	<p>2022 ESG Report—Our workplace 2022 ESG Report—Responsible supply chain 2022 ESG Report—Our communities</p>
	<p>13.2 Integrate climate change measures into national policies, strategies and planning</p>	<p>2022 ESG Report—Product innovation 2022 ESG Report—Sustainable operations</p>