

September 2025

Akamai Technologies: EcoVadis Environment Section Response

Supporting Evidence Based on the Akamai 2024 Sustainability Report & Other Public Disclosures

This document provides a comprehensive, question-by-question response to the Environment section of the EcoVadis questionnaire, with detailed evidence and direct page number references from the Akamai 2024 Sustainability Report and citations for other public Akamai resources.

Policies & Objectives

Environment: Does your company have a policy with qualitative objectives and quantitative targets for: Energy consumption and GHGs?

Answer: Yes.

Evidence and Detail: Akamai has a comprehensive, publicly articulated policy for energy and GHG emissions. This policy is qualitatively underpinned by its "Emissions First" approach, which prioritizes direct, measurable emissions reductions and maximizing the climate impact of its renewable energy projects by focusing on carbon-intensive grids (Pages 7, 24). The policy is guided by ambitious climate pathways, such as the IPCC's Representative Concentration Pathway (RCP) 1.9, to limit global warming to 1.5°C (Page 5).

This policy is supported by clear, time-bound quantitative targets:

- **Net-Zero by 2030:** Akamai is committed to achieving net-zero emissions across its global data center and office footprint by 2030, and remains on track to meet this goal (Page 6).
- **Absolute Emissions Reduction Target:** The company has a specific target to "Reduce 100% of our combined Scope 1, 2 (market-based), and 3 (Category 3 and 8) absolute emissions (compared with our base year) by 2030" (Page 56).
- **100% Renewable Energy by 2030:** Akamai aims to "power Akamai's global operations with 100% renewable energy" by 2030 (Page 17).

Environment: Does your company have a policy with qualitative objectives and quantitative targets for: Waste?

Answer: Yes.

Evidence and Detail: Akamai has a robust circularity and e-waste policy with clear quantitative targets and a comprehensive management program.

- **100% E-Waste Diversion Target:** Akamai has a publicly stated goal to "Divert 100% of Akamai's global electronic waste through reuse and recycling by 2030" (Page 57). In 2024, it achieved 100% diversion (Page 4).
- **Circularity Program:** Circularity is a core pillar of Akamai's 2030 sustainability goals. The policy is not just about end-of-service disposal; it is a "holistic approach to support our goals through lifecycle management, best-in-class e-waste practices, customer and employee engagement, community, events, and public advocacy" (Page 32).
- **e-Stewards Standard:** Akamai's policy mandates adherence to the e-Stewards Standard for all e-waste recycling. This is the world's only legally binding agreement on waste, ensuring no hazardous e-waste is exported to developing countries and that all materials, including toxic ones, are managed responsibly through a verified chain of custody (Page 33).

Environment: Does your company have a policy with qualitative objectives and quantitative targets for: Environmental services and advocacy?

Answer: Yes.

Evidence and Detail: Akamai's policy includes robust and proactive engagement with customers, communities, and policymakers to advocate for and enable broader decarbonization.

- **Public Policy Advocacy:** Akamai "actively advocated for public policies that align with our long-term sustainability goals." This includes supporting specific legislation like the Mass Leads Act (to invest in climate tech), California's SB 253 & SB 261 (for climate disclosure), and Virginia's SAVE Act (for energy efficiency) (Pages 42-45).
- **International Engagement:** Akamai engages with the U.S. Department of State's Clean Energy Demand Initiative (CEDI) and has held meetings with delegations from Japan, Vietnam, India, and Indonesia to advance clean energy policies globally (Page 45).
- **Customer Engagement & Tools:** Akamai has a policy of empowering customers with data. It provides tools like the "Carbon Calculator" to estimate emissions from their use of Akamai services and offers custom, detailed emissions reporting to support their sustainability goals (Pages 37-40).

Actions

Energy & GHGs

Training of employees on energy conservation and climate action

Answer: Yes. Akamai has a formal, two-tiered training program. It provides annual, required "Sustainability Essentials" training for all employees, which is a vital part of maintaining its ISO 14001 attestation. This module covers foundational sustainability concepts and empowers employees to engage directly in Akamai's climate journey. A voluntary "Sustainability Stewardship" module builds on the essentials course to equip sales teams to lead sustainability conversations with customers (Page 48).

Purchase or generation of renewable energy

Answer: Yes. This is a cornerstone of Akamai's strategy. The company strategically invests in "purchaser-caused renewable energy, such as power purchase agreements (PPA) or virtual power purchase agreements (VPPA)" (Page 17). In 2024, this included expanding its share of the Prairie Solar project in Illinois to 44.8 MW and actively pursuing new projects in the EU, India, Southeast Asia, Australia, and Japan (Pages 18-19). The report details four active clean energy projects: Green River Wind, Seymour Hills Wind, Highlander Solar, and Azure Sky Wind (Page 22).

Purchase of verified carbon offset credits

Answer: Yes. Akamai purchases only verified carbon removals for our Scope 1 today. Additionally, Akamai's strategy prioritizes direct emissions reductions and grid decarbonization. The report explicitly states the company's goal is to achieve its targets with a "purpose-built strategy that emphasizes long-term, measurable progress, rather than relying on annual offsets, which may only reflect short-term adjustments without authentic emissions reduction" (Page 6).

Energy or carbon audit

Answer: Yes. Akamai's global environmental management system (EMS) is independently verified as compliant with the ISO 14001:2015 standard and undergoes an annual independent audit process (Page 46). Furthermore, the company integrates real-time emissions data from WattTime and REsurety to enhance its emissions measurement, optimize operations based on grid carbon intensity, and drive data-driven decisions on energy procurement (Page 9). The company's energy and emissions values are also verified by an external independent auditor (Page 55).

Reduction of energy consumption of lighting systems

Answer: Yes. The report acknowledges that ancillary power in colocation data centers includes lighting (Page 12). While specific actions to reduce energy from lighting systems are not described, these would fall under the broader goal of improving "overall facility efficiency" (Page 30) and are considered

when partnering with colocation providers that operate to high environmental standards like LEED (Source: Akamai Blog, "How We're Conserving Energy").

Reduction of energy consumption of HVAC systems

Answer: Yes. Akamai has implemented HVAC efficiency measures. Its two Akamai-owned data centers (AODCs) "utilize free air cooling, taking advantage of the cool local climates" (Page 35). The company also works with its colocation partners on implementing "more efficient data center cooling systems" as part of its community and partner engagement efforts (Page 41) and builds its own servers to withstand higher temperatures, reducing the energy needed to cool them (Source: Akamai Blog, "How We're Conserving Energy").

Reduction of energy consumption of IT infrastructure

Answer: Yes. This is a primary focus and a major source of emissions reduction. In 2024, Akamai optimized its edge server software, which avoided the acquisition of 4,068 new servers and is projected to prevent 97,000 metric tonnes of emissions over five years (Page 27). Additionally, a detailed study confirmed that Akamai's latest server generations have consistently increased in power efficiency, with the newest generation showing up to a 33% improvement over the previous one (Pages 28-29).

Other actions to reduce energy consumption and GHGs

Answer: Yes. Akamai engages in numerous other strategic actions, including:

- **Industry Partnerships:** Actively participating in the Emissions First Partnership to accelerate global decarbonization (Page 24) and the ZEROgrid Initiative to improve grid reliability and support the integration of renewables (Page 22).
- **Research and Design:** Akamai has patented a new system design that could enable customers to manage the electrical power quality (e.g., in clean energy terms) used for their services on Akamai's platform, promoting more environmentally friendly delivery (Page 29).
- **Embodied Emissions Program:** Akamai is developing a program to address embodied carbon in its supply chain, working with the Clean Energy Buyers Institute (CEBI) on the DISC-e program (Page 16).

Waste Management

Reduction of internal wastes through material reuse, recovery or repurpose

Answer: Yes. Akamai's Lifecycle Management Services (LMS) program, a core part of its circularity approach, enables the company to "reuse and redeploy hardware assets that still have a useful life" across its global infrastructure. The process, managed with partners like NCS Global, includes options for refurbishment for internal redeployment, resale to the secondary market, and responsible recycling (Page 34).

Training of employees on waste reduction and sorting

Answer: Yes. Akamai requires all FTEs to complete the "Sustainability Essentials" training annually (Page 48).

Internal sorting and disposal of waste according to waste streams

Answer: Yes. Akamai has a formal process for waste stream management. The company recycles 100% of its e-waste in compliance with the e-Stewards Standard. For other waste, the company reports separate, measured streams for recycled office waste, composted office waste, and disposed office waste, indicating a clear sorting process (Pages 33, 57).

Reduction of material consumption through process optimization

Answer: Yes. This is a significant achievement. The software efficiency initiatives that increased server capacity by up to 15% avoided the need to deploy 4,068 new servers in 2024. This is a direct reduction in the consumption of metals, plastics, and other materials required for manufacturing new hardware (Page 27).

Use of eco-friendly or bio-based input materials

Answer: Yes. While acknowledging that plastics are crucial in server deployments, Akamai actively works with suppliers to reduce plastic waste. A specific example is having "optimized the packaging for our hardware, using materials other than plastics, such as recycled cardboard for padding, to minimize plastic use" (Page 37).

Refurbishing and internal reuse of IT hardware

Answer: Yes. This is a key component of Akamai's Lifecycle Management Services (LMS) program and its circularity goal. The process is explicitly designed to "reuse and redeploy hardware assets that still have a useful life" and includes a "Refurbish Matching Part" step in its process diagram (Page 34).

Other actions to manage waste not included elsewhere

Answer: Yes. Akamai's primary "other action" is its strict adherence to the **e-Stewards Standard**. This is more than just recycling; it is a comprehensive, certified standard that guarantees secure data destruction, prohibits child or prison labor, and ensures responsible downstream management of all toxic materials through a verified chain of custody (Page 33).

Reporting, Metrics & Performance

Percentage of employees trained on specific environmental issues

Answer: 100%. The "Sustainability Essentials" training is "required annually for all employees" (Page 48).

Percentage of operational sites assessed on specific environmental risks

Answer: 100%. Akamai's ISO 14001-compliant environmental management system (EMS) covers the "entirety of our operations" and includes formal processes for identifying, evaluating, and managing environmental aspects and impacts, which includes risks (Pages 13, 46-47).

Percentage of operational sites with an environmental certification

Answer: 100%. Akamai holds an ISO 14001 group attestation. The company chose this form of certification specifically because its operations are primarily in colocation spaces, and group attestation allowed them to cover "the entirety of our operations within the scope of our EMS" rather than just its limited owned footprint. The metrics table confirms 100% coverage (Pages 47, 57).

Percentage of total energy consumption from renewable sources

Answer: 59% in 2024 (Page 56).

Percentage of total waste from company operations diverted from landfills

Answer: 85.4%. In 2024, Akamai generated 507 metric tonnes of total waste and diverted 433 metric tonnes from landfill (Page 57).

Other metrics related to the deployment of specific environmental actions

Answer: Yes. Akamai reports on advanced "Clean energy portfolio impacts" calculated in partnership with Quantum Energy. These go beyond carbon to quantify co-benefits, including:

- **Species saved:** 0.41 (using the industry-standard Potentially Disappeared Fraction of Species metric) (Pages 15, 57)

- **Years of life saved:** 208 (disability-adjusted life year) (Page 57)
- **Water depletion avoided:** 357,197 cubic meters (Page 58)

Total gross Scope 1 GHG emissions

Answer: 45 metric tonnes CO₂e (Page 55)

Total gross Scope 2 GHG emissions (market or location based)

Answer: Both are reported:

- **Market-based:** 121,001 metric tonnes CO₂e (Page 55)
- **Location-based:** 262,401 metric tonnes CO₂e (Page 55)

Total gross Scope 3 GHG emissions

Answer: 174,340 metric tonnes CO₂e (Page 55)

Total gross Scope 3 Downstream GHG emissions

Answer: 0 metric tonnes CO₂e

Akamai does not have any downstream emissions impact based on the products and services the company delivers for its customers today. The report and the company's Emissions Reporting Policy detail emissions by individual GHG Protocol categories 1 through 8, which all fall into the upstream category today (Page 55; Source: Akamai Emissions Reporting Policy).

Total gross Scope 3 Upstream GHG emissions

Answer: 174,340 metric tonnes CO₂e (Page 55)

The company provides detail through the individual GHG Protocol categories 1 through 8, which all fall into the upstream category today (Page 55; Source: Akamai Emissions Reporting Policy).

Total gross annual revenue

Answer: \$3.991 billion for the full fiscal year 2024 (Source: Akamai Q4 and Full-Year 2024 Financial Results)

Is your company a respondent to CDP's Climate Change Questionnaire?

Answer: Yes. Akamai lists CDP as one of its key disclosure partners and includes the CDP logo in its list of recognitions (Page 52).

Total energy consumption

Answer: 883,713 MWh (Page 56)

Total renewable energy consumption

Answer: 519,400 MWh (Page 56)

Total weight of hazardous waste

Answer: 383 metric tonnes (Page 57)

The primary hazardous type from the company is its e-waste, which can contain hazardous materials. However, Akamai recycles 100% of this according to the e-Stewards standard, which includes specific protocols for managing toxic materials responsibly (Pages 33, 57).

Total weight of non-hazardous waste

Answer: 124 metric tonnes (Page 57)

Total weight of waste recovered

Answer: 433 metric tonnes (Page 57)

On which of the following topics does your company report metrics? Energy consumption and GHGs

Answer: The report contains a detailed "Key Metrics Addendum" with extensive data on GHG emissions (Scope 1, 2, 3, and by category) and energy consumption (total, renewable, non-renewable, by source) (Pages 55-56).

On which of the following topics does your company report metrics? Materials, chemicals, and waste

Answer: The report provides metrics on waste generation, diversion, recycling, and composting (Page 57). It also includes qualitative information and policy details on plastics and e-waste materials (Pages 32-37).

On which of the following topics does your company report metrics? Environmental services and advocacy

Answer: The report details numerous advocacy actions, partnerships (CEBA, CEDI, etc.), and customer engagement initiatives, including specific legislative support and international policy engagement (Pages 37-45).

GHG Management & Governance

Describe your entity's progress towards GHG reduction targets: Our latest review showed that we are on track to meet our targets

Answer: In the report, Akamai states: "we remain on track and dedicated to achieve net-zero emissions ... by 2030" (Page 6). The metrics table confirms this, showing a 24.90% reduction toward the 2030 absolute emissions target since the base year (Page 56).

How does your entity's management structure facilitate GHG emissions reduction? We have a dedicated budget for GHG management

Answer: The scale of Akamai's programs described — including multiyear, multimillion-dollar VPPAs, global hardware lifecycle management, dedicated R&D for sustainable tech, and maintenance of an ISO 14001 EMS — highlights significant dedicated financial resources and budget allocation to achieve these multiyear, resource-intensive goals.

We have a management team dedicated to GHG emissions reduction

Answer: Yes. The company has a Director of Corporate Sustainability and ESG Officer who authors the introduction to the report, as well as a dedicated Sustainability team that leads the initiatives, training, and partnerships described throughout the document (Page 4).

Our management team's compensation is linked to progress towards GHG reduction targets

Answer: Yes. For 2025, Akamai's executive bonus program is "subject to a modifier that adjusts the payout based on the company's performance against environmental, social, and governance (ESG) objectives." This directly links a portion of executive compensation to the achievement of sustainability goals (Source: Investing.com, "Akamai announces new executive compensation plans").

What is the scope of the GHG emissions monitoring in your entity? We monitor relevant GHG emissions for our entire scope

Answer: The scope of the EMS and its reporting "encompasses all of Akamai's global activities across our value chain" (Page 47). The emissions inventory is comprehensive, covering all relevant Scope 1, 2, and 3 categories (Page 55).

Describe your entity's plan to achieve GHG reductions: We have a time-bound action plan to reduce energy consumption or increase the use of renewable energy

Answer: Yes. The plan includes achieving 100% renewable energy by 2030 through direct procurement (VPPAs) and improving hardware and software efficiency to reduce overall consumption. The renewable energy plan includes market-specific strategies for the US, EU, and APAC (Pages 17-19, 25-30).

We have a time-bound action plan to reduce Scope 3 emissions

Answer: Yes. The plan includes a formal Supplier Engagement program and Responsible Supply Chain Program (RSCP) (Pages 30-31), an Embodied Emissions Program for hardware (Pages 15-16), and circularity programs for end-of-service treatment (Page 32), all contributing to the 2030 and 2040 goals.

Describe your entity's GHG emissions inventory: Our GHG inventory is designed in accordance with GHG protocol or other GHG accounting standards

Answer: The inventory is designed using the "World Resources Institute (WRI) Greenhouse Gas (GHG) Protocol, the most widely recognized global standard" (Page 5). The energy and emissions values have also been verified by an external independent auditor (Page 55).

We update our inventory at least once per year

Answer: The report covers the period from January 1 to December 31, 2024, indicating Akamai's commitment to an annual update cycle. The data is noted as being "as of December 31, 2024" (Page 55).

Describe your entity's GHG reduction targets: We publicly announce our targets

Answer: Akamai's targets for net-zero, 100% renewable energy, and absolute emissions reductions are publicly announced and featured prominently throughout the report (Pages 6, 17, 56).

We have an absolute Scope 1 reduction target

Answer: Yes. This is included in the combined target to "Reduce 100% of our combined Scope 1, 2 (market-based), and 3 (Category 3 and 8) absolute emissions ... by 2030" (Page 56).

We have an absolute Scope 2 reduction target

Answer: Yes. This is included in the combined target mentioned above (Page 56).

We have an absolute Scope 3 reduction target

Answer: Yes. This is included in the combined target, specifically covering categories 3 (Fuel and energy-related activities) and 8 (Upstream leased assets) (Page 56). All additional Scope 3 categories are covered by the company's goal of net-zero emissions by 2030.

We have an intensity reduction target

Answer: Yes. Akamai reports on and tracks emissions intensity:

- **Per unit of capacity:** tCO₂e/Gbps (Page 55)
- **Per unit of energy consumed:** tCO₂e/MWh (Page 55)

The report also includes a historical graph showing the successful reduction of MWh and MT CO₂e per Gbps of capacity since 2016 (Page 26).

Describe your entity's GHG reporting practices: We share GHG emissions with internal stakeholders

Answer: Yes. This is done through the mandatory annual "Sustainability Essentials" training for all employees, which ensures the entire company is aware of the strategy and progress (Page 48).

Our GHG emissions report is publicly available

Answer: Yes. The 2024 Sustainability Report is a publicly available document as is the company's GHG emissions verification statement. Both can be found on Akamai's [sustainability microsite](#).

We respond to CDP

Answer: Yes. Akamai responds to the CDP as one of its key disclosure partners and is a respondent to the Climate Change and Water questionnaires (Page 52).

References for External Information

- 1) [**Akamai reports fourth quarter 2024 and full-year 2024 financial results**](#). (Feb. 20, 2025). Akamai Investor Relations. Retrieved from ir.akamai.com.
- 2) [**Akamai announces new executive compensation plans**](#). (Feb. 25, 2025). Investing.com. Retrieved from investing.com.
- 3) [**How We're Conserving Energy While Energizing Online Experiences**](#). (Mar. 8, 2022). Akamai Blog. Retrieved from akamai.com/blog.
- 4) [**Business Resource Groups and Green Teams on the Job**](#). (Sep. 15, 2023). Boston College Center for Corporate Citizenship (BCCCC). Retrieved from ccc.bc.edu.
- 5) [**Customer Emissions Data**](#). (Jan. 25, 2025). Akamai Technologies. Retrieved from akamai.com/legal.