



REPORT

Engineered for the Future

2025
Sustainability Report

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Achieving a Durable Future

A Message from Mike Mattera, Head of Corporate Sustainability



To our employees, customers, and investors,

We stand at a defining intersection for our industry. The digital economy has become the foundation of the global economy. As the world embraces the speed of AI and the ubiquity of cloud computing, the demand for digital infrastructure has never been higher.

But neither has the responsibility.

For years, the technology sector has operated with a singular focus on growth. From what we learned in 2025, that focus must expand to include resilience. At Akamai, we have refined our strategic objective. While 100% Renewable and Net-Zero Emissions remain a key

milestone, we are now aiming for a more precise and impactful goal: increasing renewables where it matters the most.

This year, we demonstrated that corporate sustainability is not a constraint on our growth, it is a catalyst for operational excellence.

When faced with surging compute demand, we prioritize efficiency over physical sprawl. By optimizing our edge architecture and rewriting core software stacks, we successfully increased our processing capacity without the need for proportional infrastructure growth. This allows us to scale responsibly at the edge — meeting critical demand without creating unnecessary waste.

True leadership often requires navigating complex trade-offs. Over the past year, our team has dedicated hundreds of hours to the Greenhouse Gas Protocol (GHGP) revision process, engaging deeply with CEBA, NGOs, partners, customers, and industry colleagues to help define the next generation of carbon accounting.

We have been an advocate in the debate between 24/7 matching and consequential accounting. While we respect the intent of local matching in the long term, we champion consequential accounting because it incentivizes capital to flow where it is needed most. We believe a renewable energy investment should be measured by its ability to displace carbon in the world's most energy-intensive grids, not just by its proximity to our operations. That is why we made our own guideline publicly available for consequential accounting, called CLIMATE. Akamai remains committed to standards that reward atmospheric benefit and believes standards should be implemented that meet everyone where they are in their individual journeys in reckoning with climate change.

Looking to 2030, our mandate is clear. We are building the platform of and for the next generation's economy. That platform must be resilient enough to withstand climate volatility and efficient enough to power the AI revolution.

To our investors: We are building a business proofed against the risks of tomorrow.

To our customers: We are the partner that lowers your Scope 3 value chain emissions while raising your performance.

To our employees: You are the architects of one of the biggest transitions the planet has ever seen.

We are not just powering and protecting life online. We are ensuring it endures.

Sincerely,

Mike Mattera
Head of Corporate Sustainability and ESG Officer
Akamai Technologies, Inc.

FY25 Performance Highlights

FY25 tested the resilience of the global internet. Amidst volatile energy markets, grid congestion, and surging AI-driven demand, Akamai focused on engineering stability. We have shifted our strategy from passive compliance to active grid management, securing our energy supply and focusing on managing our emissions intensity as we navigate rapid growth. Some highlights from FY25 include:

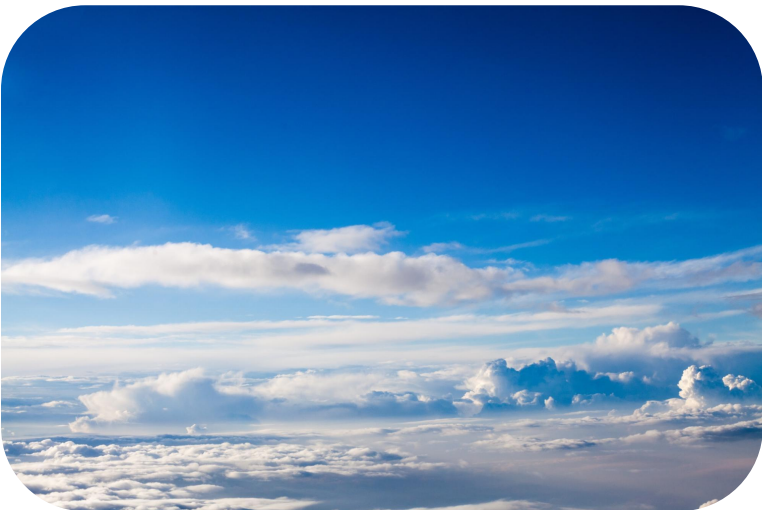


- Our rapid business growth and evolving energy markets presented a complex landscape where demand temporarily outpaced the rate of global grid decarbonization. Despite these headwinds, we remain steadfast in our commitment to decoupling our revenue growth from our environmental footprint over the long term.
- We saw a 7% increase over 2024 in the amount of renewable power used by our network.
- Akamai executed our first two virtual power purchase agreements (VPPAs) in Europe (our first outside the U.S.) and signed an expansion to the VPPA we previously signed in Champaign County, Illinois.
- We developed the foundation for Consequential Logic for Impact Measurement, Action & Transparent Emissions guideline, also known as [CLIMATE](#), a new framework designed to move beyond check-the-box reporting and focus on the real-world consequences of our actions.
- We expanded our listening and learning journey into the Asia-Pacific region, engaging directly with customers and employees in Japan, Singapore, and Australia.
- At [IBC](#), Akamai helped launch the [Media Climate Accord](#), which unites relevant stakeholders in a common goal: to achieve net-zero emissions by 2040, and to transform the media industry into a beacon of climate innovation, collaboration, and accountability.

Net-Zero Emissions Strategy

Program Approach

				
Net Scope 2 Emissions	Scope 3 Office & Platform Emissions	Avoided Emissions from Renewables	Platform Power Growth	Scope 1 & 2 Emissions per \$ of Revenue
172,700 MT CO ₂ e	75,800 MT CO ₂ e	181,600 MT CO ₂ e	23%	0.00004 MT CO ₂ e



Taking measured, impactful action on climate change is not only a global imperative but also a business-critical priority for driving sustainable growth and resilience. To fulfill this ambition, we have crafted our net-zero targets and strategy in alignment with ambitious climate pathways, such as the IPCC’s Representative Concentration Pathway (RCP) 1.9, which charts the course for limiting global warming to 1.5°C.

As a global leader in distributed computing, Akamai provides critical services in cloud computing, security, and content delivery, across large-scale networks consisting of servers, switches, routers, and other network devices. To ensure we accurately track our emissions impact, we are continuing to use the current [Greenhouse Gas \(GHG\) Protocol](#), the most widely recognized global standard for comprehensive and consistent emissions measurement and management.

Our sustainability program is built on best-in-class climate and greenhouse gas emissions data, driving informed and effective decisions on emissions reductions, renewable energy procurement, carbon offsets, stakeholder engagement, and other strategic initiatives — all of which reflect our dedication to accountability, community, and trust. Our net-zero strategy was never a compliance exercise; it is a data product. By building the most transparent emissions-tracking engine in the cloud industry, we are effectively protecting our brand, our customers, and our bottom line from the risks of a carbon-constrained future.

Affirmation of Our 2030 Goals

The digital economy is entering a new phase of energy intensity. As Akamai [expands to support](#) the demand for our new AI inferencing platform and distributed cloud computing, our [physical footprint](#) must expand to meet the moment.

In FY25, we navigated a dynamic challenge: Our business growth outpaced the rate at which the global grid could decarbonize.

Managing Emissions Growth

Our long-term goal is to decouple global business growth from our carbon footprint. As FY25 presented a dynamic environment where the rate of global grid decarbonization and our own growth trajectory required strategic recalibration, we are intensifying our focus on key drivers — like software-led efficiency and targeted renewable procurement — to realign our progress and ensure sustainable scaling.

The Business Translation

Throughout FY25, our rapid business growth and evolving energy markets presented a complex landscape where demand temporarily outpaced the rate of global grid decarbonization. Despite these headwinds, our strategic focus remains firmly on decoupling our revenue growth from our environmental footprint over the long term. This is the definition of operational leverage.

The Correction Plan: Closing the Gap

Our overarching objective remains achieving net-zero by 2030. To neutralize the absolute emissions rise from FY25, we have activated a two-lever approach that prioritizes atmospheric impact over easy accounting wins.

Lever 1: The Efficiency Dividend (Supply Side)

We are aggressively lowering the energy baseline of our hardware.

- **Software Optimization:** By targeting efficiencies across our software, we continue to create capacity out of thin air, delaying the need for physical server deployments.
- **Hardware Density:** We are transitioning to next-gen servers, which deliver higher compute density per watt. This ensures that future growth consumes strictly less power per unit of value delivered.



Strategic Spotlight: Decarbonizing AI

The intersection of AI and energy presents a complex, industry-wide challenge. The rapid integration of generative and agentic AI introduces new dynamics to sustainability objectives across the tech sector. Conventional architectures that route AI interactions primarily through centralized data centers are becoming increasingly resource-intensive. This approach requires significant energy for data transport and concentrates thermal demand on regional power grids.

In FY25, Akamai deployed the structural fix: **The Akamai Inference Cloud**.

By leveraging our massively distributed edge platform, we have decentralized AI compute.

- **The Architecture Shift:** We bring the compute to the data, rather than hauling the data to the compute. This drastically reduces the energy tax of network transport.
- **Optimized Hardware:** Utilizing [NVIDIA GPUs](#) optimized for edge deployment, we execute inference tasks with superior performance-per-watt compared to general-purpose centralized clouds.

This is how we protect our 2030 goals: We are not stopping AI growth; we are moving it to the edge, where it is inherently more efficient.

Lever 2: High-Impact Procurement (Demand Side)

We are moving capital into the grids where our growth is happening.



- **Targeted VPPAs:** We are not relying on unbundled renewable energy certificates (RECs) to paper over the difference. We have accelerated the procurement of VPPAs in carbon-intensive grids in the areas where we need it the most.

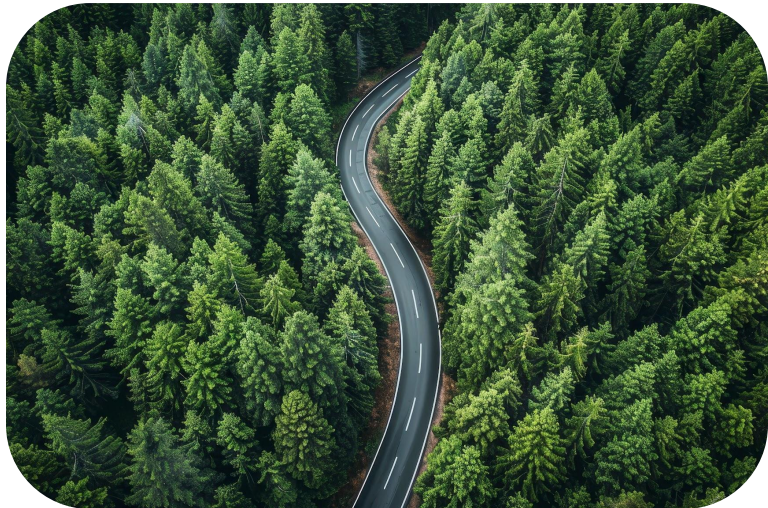
- **The Grid Mix Hedge:** By funding new renewable capacity in specific regions, we ensure that our energy consumption is matched by new green electrons displacing dirtier forms of power, rather than simply claiming credit for existing hydro or solar in already-green regions.

Our Trajectory

The path to 2030 is rarely linear; it demands constant, strategic calibration. We view the evolving dynamics of FY25 as an opportunity. We are actively architecting the next generation of AI inferencing by shifting away from brute-force centralization toward precision edge compute. By embedding sustainability into the very code of AI, we ensure that as intelligence scales, our carbon footprint does not. We will continue to build, optimizing every watt and every workload, until the curve bends permanently toward zero.

The High-Fidelity Emissions Roadmap

Historically, corporate sustainability reporting has utilized annual averages as a foundational metric, pairing estimated yearly energy consumption with corresponding Energy Attribute Certificates (EACs). While this methodology established the essential groundwork for corporate climate action, today's dynamic energy markets and evolving regulatory standards demand deeper visibility. At Akamai, we have elevated our approach to achieve reasonable assurance-ready precision. We manage our carbon data with strict operational rigor — ensuring it is accurately metered, systematically audited, and tracked in real time.



The Scientific Standard: Alignment with RCP

Our net-zero target is not an arbitrary milestone; it is a calculated response to verified climate risk models. In FY25, we formalized our alignment with the IPCC's Representative Concentration Pathways (RCPs), specifically anchoring our strategy to RCP 1.9 and RCP 2.6. These pathways serve as our navigational North Star, as they represent the primary scenarios scientifically proven to be compatible with limiting global warming to 1.5°C.

Why Model Against RCP 1.9?

RCP 1.9 is the most ambitious climate pathway, requiring rapid and deep decarbonization. By stress-testing our operations against this specific model, we are doing two things:

- **Future-Proofing Assets:** We design our infrastructure with climate adaptation in mind, ensuring our data centers remain robust against the specific physical risks — such as thermal stress and water scarcity — predicted by these warming models.
- **Validating the Roadmap:** We have anchored our 2030 target to the demanding standards of RCP 1.9. By adhering to this pathway, we ensure our approach to net-zero is verifiable and substantive, backed by the physics required to limit warming to 1.5°C.

We view this alignment as a core component of our risk management strategy under our [Environmental Management System \(EMS\)](#). By planning for rigorous climate scenarios, we proactively enhance our business resilience against evolving regulatory landscapes and potential operational disruptions.

A New Operational Standard: Real-Time Emissions Accounting



To meet the rigor of RCP 1.9, we must move beyond lagging annual indicators. In FY25, we continued to integrate real-time emissions accounting across all our data center regions. By partnering with data leaders like WattTime and REsurety, we are working toward tracking carbon intensity on an hourly basis.

Why Hourly Granularity Matters

The carbon intensity of the grid changes every minute. A server running at 2 PM during the clean-power peak has a completely different footprint than a server running at 7 PM at the emissions-intense peak. By tracking this variance, we unlock two competitive advantages:

1. **Carbon-Aware Network Analysis:** Our globally distributed architecture dynamically routes traffic to ensure optimal customer performance. By integrating emissions metrics into our operational intelligence, we are beginning to map the relationship between network demand and regional grid carbon intensity. This foundational research provides a deeper understanding of our energy footprint and will inform our long-term efficiency strategies.
2. **Regulatory Readiness:** As global disclosure mandates become increasingly rigorous and stakeholders demand greater transparency, broad estimations are no longer sufficient. Our capacity to deliver granular, market-based emissions data positions Akamai well ahead of emerging compliance curves. This precise level of traceability not only ensures we are prepared for evolving global standards, but also provides our customers with the highly impactful data they require for their own Scope 3 reporting.

Our Standard: Emissionality and ROSI

We apply a strict financial filter to our net-zero investments: Return on Sustainability Investment (ROSI). We do not simply buy the cheapest renewable energy available. We practice emissionality — the strategic selection of projects based on their ability to displace dirtier sources of energy.



The Emissions-Intensive Thesis

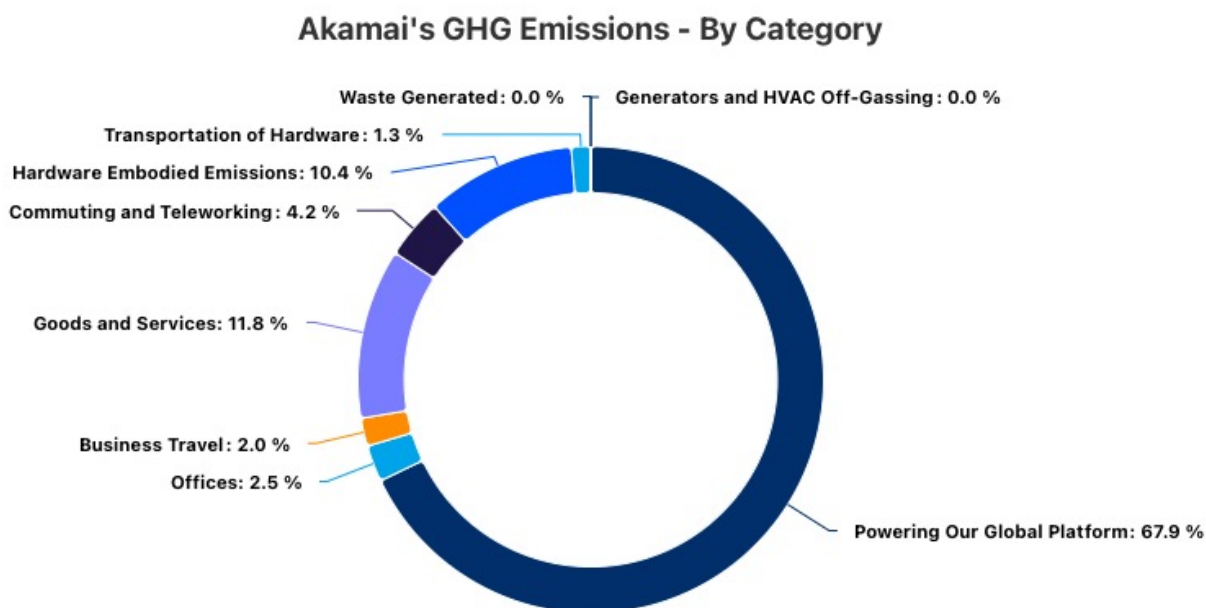
- **Low-Impact Investment:** Buying solar energy in a grid that is already saturated with renewables. This adds marginal value; the grid is already clean.
- **High- Impact Investment (Akamai Strategy):** Buying wind energy in a carbon-intensive grid. Every megawatt-hour we generate here directly helps dirtier sources of power to ramp down.

By focusing our attention on dirtier grids, we maximize the avoided emissions per dollar spent. We are not just cleaning up our own ledger; we are helping to clean up the global supply chain.

Our Emissions Profile

As the foundational platform for zero-friction digital experiences, Akamai architects the world's largest distributed network for computing, security, and content delivery. This massive digital infrastructure — comprising our data centers, global network devices, and supporting value chains — creates resource dependencies. The proportional breakdown of these operational dependencies is presented below, detailing where we engineer for maximum efficiency and resilience.

Akamai's FY25 Emissions Mix



Our sustainability program is engineered from a data-centric core, utilizing best-in-class climate and GHG emissions intelligence to maximize our ROSI. This intelligence dictates our priorities: accelerated emissions reductions, optimal renewable energy sourcing, and strategic risk-hedging via verified carbon solutions.

We mandate the continuous refinement of rigorous controls for energy and emissions data collection and calculation. By aligning our data infrastructure with ISO 14064-1 standards, we establish the audit-ready foundation necessary to ensure the financial reliability and competitive integrity of every reported metric.

Tracking Updates to the Greenhouse Gas Protocol

As the Greenhouse Gas Protocol undergoes a significant standard development and revision process to its corporate suite of standards and guidance, Akamai is following closely and sharing our perspective. The Scope 2 proposed revisions place further restrictions on the temporal and locational matching of clean energy procurement and energy accounting.



Together with a broad coalition of corporate energy consumers and environmental organizations, Akamai advocates for policies that accelerate, rather than constrain, renewable energy procurement. We believe that maintaining flexible, accessible procurement mechanisms is essential to sustaining the momentum of corporate climate action and advancing the shared goal of global grid decarbonization.

A central consideration regarding the proposed regulatory frameworks is the potential requirement that organizations source clean energy exclusively from within their local grid regions. While we understand the desire to stimulate local infrastructure development, such geographic constraints could inadvertently curtail a highly effective decarbonization strategy currently utilized by corporate buyers like Akamai. Maintaining the flexibility to aggregate energy load across geographies allows us to maximize both environmental and economic impact by funding large-scale, net-new renewable projects.

Frequently, these investments are strategically directed toward regions with a more carbon-intensive energy mix. In these locations, introducing new renewable capacity displaces a significantly higher volume of fossil-fuel emissions compared to building similar projects in areas where the grid is already highly decarbonized. By prioritizing rigid geographic boundaries over systemic atmospheric impact, the proposed guidelines risk limiting the scale of investment, increasing procurement complexity, and potentially slowing the broader, global transition to a net-zero economy.

Furthermore, highly localized mandates may not fully reflect the interconnected nature of modern energy networks. They could unintentionally disincentivize organizations from taking a holistic, impact-driven approach to climate action — an approach designed to ensure that investments result in genuine, additional clean energy capacity exactly where it provides the greatest environmental benefit.

Akamai advocates for preserving flexible procurement mechanisms and supports the deeper integration of consequential accounting, ensuring that measurable, real-world emissions reductions remain at the forefront of global greenhouse gas standards. Based on our analysis of the proposed changes and our commitment to maximizing our positive impact, we recommend the following:

- **Pausing the proposed mandate** for universal hourly and restrictive geographic matching to allow for a more collaborative revision process.

- **Formally developing a consequential accounting pathway** and giving it equal weight and validity to attributional methods.
- **Maintaining annual matching** as a foundational and valid option, particularly for companies with distributed operations that depend on it.
- **Engaging in a co-design process with market participants** to build a flexible, multipath standard that balances accounting rigor with market viability and maximum decarbonization impact.

With so much at stake, Akamai is following the proposed revisions closely and engaging our peers to share our perspective. We participated in a case study, written in partnership with the [Pragmatic Carbon Accounting Alliance](#), highlighting the challenges of the proposed changes. As we continue the discussion with our peers, we have refined our own internal guidelines among many other initiatives to ensure that consequential emissions are closely considered.

Our Standard of Accountability

Akamai continues to accelerate toward the next phase of our climate strategy as we approach our 2030 corporate sustainability targets. We are using our scenario-based planning to secure our infrastructure against an increasingly volatile climate landscape. Our focus is squarely forward-looking: ensuring that Akamai's global platform is not only on a credible pathway to achieving a 1.5°C-aligned future, but also is resilient enough to operate effectively across the full range of climate scenarios projected through mid-century and beyond.

Akamai's [Emissions First approach](#) along with our [public launch of CLIMATE](#), serves as the foundation of our strategy for addressing environmental impact to further build a resilient business model. We are prioritizing direct, measurable emissions reductions across our global operations and infrastructure, and it reflects our dedication to sustainability that scales with Akamai's growth. Our pathway toward achieving net-zero by 2030 incorporates a series of adaptation and resilience measures tailored to meet the unique challenges of our expansive network.

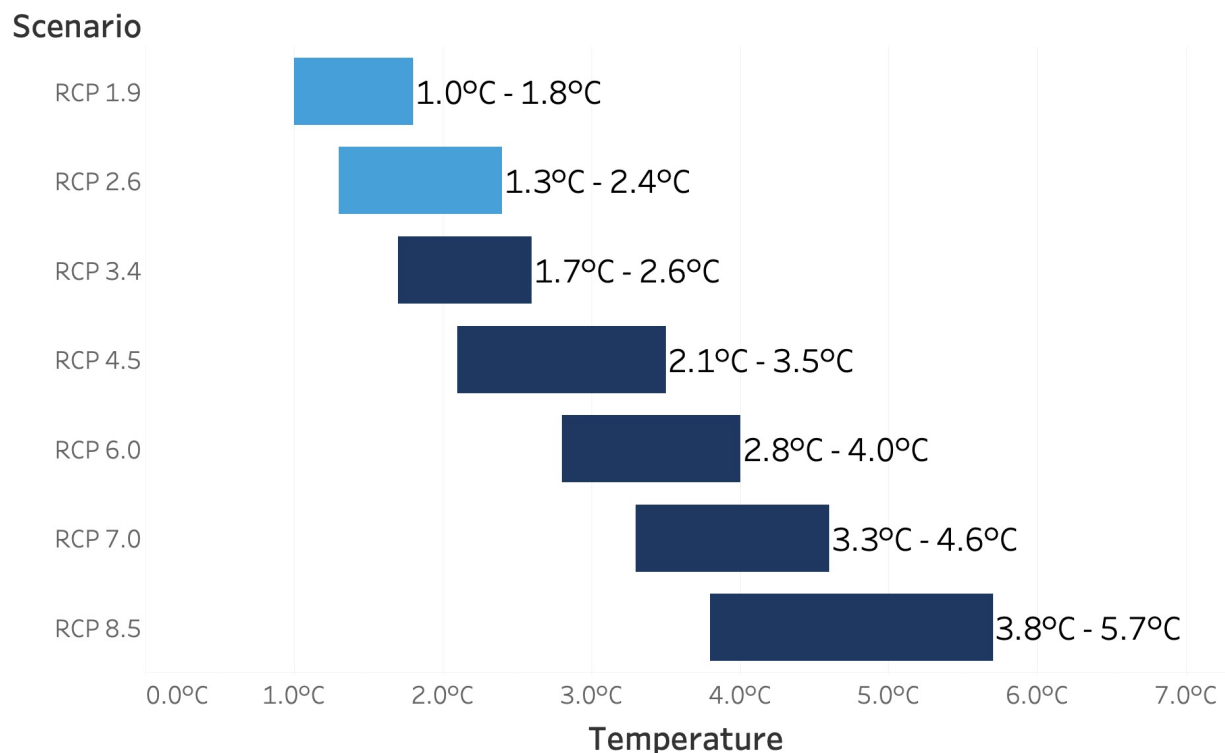


[Our revised pathway approach](#) leverages insights from the IPCC's Representative Concentration Pathways (RCPs), with a strategic emphasis on RCP 1.9 and 2.6, which are essential to limit global warming to 1.5°C. Akamai's roadmap incorporates robust adaptation strategies across our global footprint, particularly in climate-vulnerable regions where data center resilience, energy efficiency, and renewable energy integration are imperative.

Frequently Discussed Topics

Understanding the IPCC RCP Framework

RCPs are standardized scenarios developed by the IPCC to project future greenhouse gas concentrations and their cascading effects on temperature, sea levels, and extreme weather through 2100. Akamai analyzes seven scenarios — from RCP 1.9 (limiting warming to 1.5°C, aligned with the Paris Agreement) to RCP 8.5 (business-as-usual, projecting up to 4.4°C warming). Each pathway is based on the IPCC Fifth and Sixth Assessment Report (AR5 and AR6) with updated climate sensitivity estimates and improved regional projections.



How Our Approach Differs — and Why It Matters

In response to evolving standards and the unique complexities of aligning our decentralized global network with the Science Based Targets initiative (SBTi), Akamai has decided [not to pursue SBTi target setting](#) under the current standard. SBTi focuses on emissions reduction target setting; the IPCC RCP framework is a scenario-analysis tool that addresses a broader set of strategic questions — physical, financial, and operational impact across seven distinct climate futures. The RCP framework enables region- and metro-level planning critical for globally distributed infrastructure, supports both mitigation and adaptation (not just emissions reduction), and directly supports CSRD/ESRS and IFRS S2 regulatory compliance through scenario-based financial disclosure.

We believe that our approach to transparent, robust annual reporting through [CDP disclosures](#) provides a comprehensive view of our emissions reduction progress, complemented by our hybrid disclosure framework anchored in the [IFRS S1 and S2](#) standards — with IFRS S2 having superseded the [TCFD](#) serving as our global baseline for climate-related financial disclosure. We augment this foundation with specific insights from the established TCFD framework to provide deeper visibility into our physical risk management and adaptation planning.

Akamai also aligns its science-based climate commitments within a comprehensive, RCP-driven strategy. Recognizing that our impact extends beyond our direct operations, we partner with our supply chain to advance these shared goals, establishing a standard that encourages our suppliers to adopt a science-based approach aligned with IPCC RCP scenarios and SBTi, and/or maintain active ISO 14001 certification.

	Traditional Approach	Akamai's Approach
Primary Focus	Emission reduction	Emission mitigation and adaptation (not just reduction)
Scope	Guidance, criteria, and recommendations companies need to set science-based net-zero targets consistent with limiting global temperature rise to 1.5°C	Assessment of physical, financial, and operational impact across seven distinct climate futures (not just 1.5°C)
Operational Utility	Benchmarking corporate climate action, accelerating implementation, strengthening collaboration across the ecosystem, and scaling impact	Enabling region- and metro-level planning critical for globally distributed infrastructure
Regulatory and Disclosure Alignment	CDP, CSRD/ESRS, IFRS S2	CDP, CSRD/ESRS, IFRS S2

How Akamai Uses the RCP Framework

Akamai's analysis evaluates climate impacts across three core business units: cloud computing (data center vulnerability, cooling challenges, energy supply disruptions), security (cybersecurity threats during climate events, physical security failures), and content delivery (network infrastructure damage, latency degradation, edge location concentration risk). Under more rigorous climate models, the broader cloud computing and content delivery sectors may experience increased operational costs and an elevated potential for physical infrastructure impacts over the long term. To proactively manage these variables, we are implementing tailored adaptation strategies across our key global markets — building resilience against diverse local environmental dynamics, from coastal water levels in Miami and Amsterdam to seasonal precipitation patterns in Chennai.

The Business Case for Climate Resilience

Enterprise buyers continue to factor sustainability into procurement decisions, which is why our scenario-based financial modeling evaluates capital expenditures, operating expenses, and potential pass-through costs across a comprehensive range of climate pathways. Analysis indicates that while pass-through costs from our colocation partners remain relatively stable under highly mitigated climate scenarios, they are projected to increase under higher-emission pathways. However, by implementing our recommended suite of adaptation measures, we can substantially mitigate this climate-related cost exposure. We view early, proactive action as a strategic investment that yields strong returns through avoided operational disruptions, sustained efficiencies, and enhanced market positioning.

Aligned with Science-Based Pathways

Akamai’s sustainability commitments — 100% renewable energy, net-zero emissions, efficiency, and circularity — are mapped directly onto RCPs. The framework simultaneously drives adaptation including continued compute decentralization, geographic diversification, AI-driven cooling, and disaster recovery redundancy. Our work with our suppliers is focused on an achievable approach including pursuing a science-based approach aligned with IPCC RCP frameworks (AR5/AR6), the integration of the SBTi or ISO 14001 certification to address Scope 3 emissions.

Leading Together: Cross-Industry Climate Action

Akamai collaborates with the Corporate Energy Buyers Association (CEBA), Ceres Corporate and BICEP Network, and the Information Technology Industry Council (ITI) to pursue sustainable energy policies and climate resilience. Our support of [The Climate Pledge](#) reinforces our dedication to achieving net-zero emissions, complementing our existing reporting and allowing us to build a resilient, forward-looking sustainability program. This includes EU policy engagement (CSRD, European Green Deal), North American advocacy (Transmission and Permitting Reform and state renewable portfolio standards), and Asia-Pacific and Latin American energy partnerships.

Building a Resilient Digital Future

Akamai’s climate resilience strategy is integral to our broader pathway toward a 1.5°C-aligned future. As our organization continues to expand, we remain focused on embedding sustainability across the company, ensuring that our operations not only progress toward net-zero goals but also build the resilience necessary to thrive in a carbon-constrained world. This holistic approach underscores Akamai’s role as an industry leader in sustainability, setting a course that aligns with the latest climate science and international standards. Explore Akamai’s full [IPCC RCP Analysis executive summary](#), review the [Sustainability and ESG Reports](#), and [contact Akamai’s sustainability team](#) for partnership opportunities.

The Distributed Advantage: Efficiency by Design

The era of the traditional, centralized cloud mega-data center—often located hundreds of miles from the end user—is reaching its physical and environmental limits. Throughout FY25, Akamai continued to prove a different thesis: *the edge is the true future of AI, compute, and efficiency*. Enter the [Akamai Cloud](#).

Reduced Energy Consumption	Lower Emissions	Improved Resource Efficiency	Increased Reliability	Sustainable Performance
Our global platform is distributed and closer to the end user, reducing the distance data needs to travel, making it more energy efficient.	Reduced energy needed to power our global platform lowers overall emissions output compared to a more traditional cloud.	Our global platform helps make workloads more resource efficient by enabling use and processing closer to the source or end user.	Our global platform improves reliability and resilience, reducing the risk of downtime that could cause negative environmental impact.	Our global platform improves operational efficiency and will enhance the sustainability of our products and services.

The Architecture of Decarbonization

Akamai Cloud is not just an IaaS platform; it is a distributed engine designed to minimize the carbon cost of transport.



- **Distance = Waste:** Every mile that data travels consumes electricity across routers, switches, and repeaters. By processing workloads at the edge, we eliminate the energy tax of long-haul transport.

- **Asset Utilization:** Unlike centralized hyperscalers that often run massive idle capacity, our distributed mesh allows for precision scaling, ensuring energy is consumed only when productive work is being performed.

Delivering Value Every Day

- **Latency Arbitrage:** We convert proximity into performance, delivering lower latency with a smaller carbon footprint than centralized competitors.
- **Energy Sovereignty:** Our distributed footprint allows us to leverage local renewable energy availability in ways that massive, centralized facilities cannot.

The Customer Sustainability Advantage

When businesses build on Akamai, they are not just choosing a cloud provider; they are choosing an architecture that inherently decouples performance from carbon intensity.

Deep Dive: Real-Time Emissions Accounting

In a distributed edge environment, aggregated data alone may not provide sufficient insights. Visibility is the prerequisite for efficiency.

While many in our sectors rely on monthly utility invoices to estimate power use, Akamai has engineered a telemetry engine. This system bypasses third-party estimates and pulls power-draw statistics directly from our server hardware in five-minute intervals.

In FY25, we upgraded this infrastructure to include metered power for our compute services. This is not just data collection; it is



an operational MRI for our global network focused on energy consumption. It allows us to correlate specific workloads with specific energy spikes, enabling our teams to hunt down inefficiencies with surgical precision.

The Engine of Decarbonization: WattTime and REsurety

If there is something we know at Akamai, data without context is noise. To turn our power telemetry into a decarbonization strategy, we integrate two critical external intelligence streams. This combination allows us to practice carbon arbitrage — optimizing when and where we consume energy.

WattTime Brings Operational Transparency

- **The Insight:** [WattTime](#) provides real-time marginal emissions data, giving us visibility into the exact carbon cost of our energy consumption at any given moment.
- **The Action:** This intelligence moves us from estimation to precision. Instead of applying a flat annual carbon factor to our energy use, we can assess the environmental impact of our operations in real time. This provides the foundational data necessary to accurately report Scope 3 emissions to our customers, allowing them to see the true carbon intensity of their digital supply chain without compromising performance.



REsurety Brings Strategic Tracking

- **The Insight:** Not all renewable energy is equal. Through [REsurety's Locational Marginal Emissions](#) (LME) data, we gain granular insight into the carbon intensity of specific grid nodes.
- **The Action:** This empowers the sustainability team to make data-driven decisions on where to build. Instead of buying renewables blindly, we target VPPAs in regions where the grid is most carbon-intensive. This ensures that every dollar we deploy displaces the maximum amount of dirtier generation.



Strategic Value: Why This Matters

We do not collect this data for the sake of reporting; we collect it to drive business outcomes.

- **Operational Control:** We have moved from passive consumption to active measurement, utilizing data to understand the precise carbon intensity of our operations.
- **Procurement Precision:** We use LME data to hunt for the highest Return on Carbon (ROC) in the global market, validating our emissionality strategy.
- **Audit-Ready Transparency:** As global mandates tighten, our ability to pair real-time consumption data with real-time emissions factors protects Akamai from regulatory risk and verifies our consequential impacts to our stakeholders.

Operating at the Edge: The Visibility Challenge



Akamai operates at the edge, which means a significant portion of our physical footprint resides in colocation data centers — facilities where we own the servers, but a partner owns the walls, cooling, and even the power delivery.

Historically, this model presented data visibility challenges. While we have clear visibility into our own IT load based on the data collection infrastructure that we engineered, the indirect emissions associated with the facility (cooling, lighting, and backup power) have often been less

transparent due to varying reporting practices across providers.

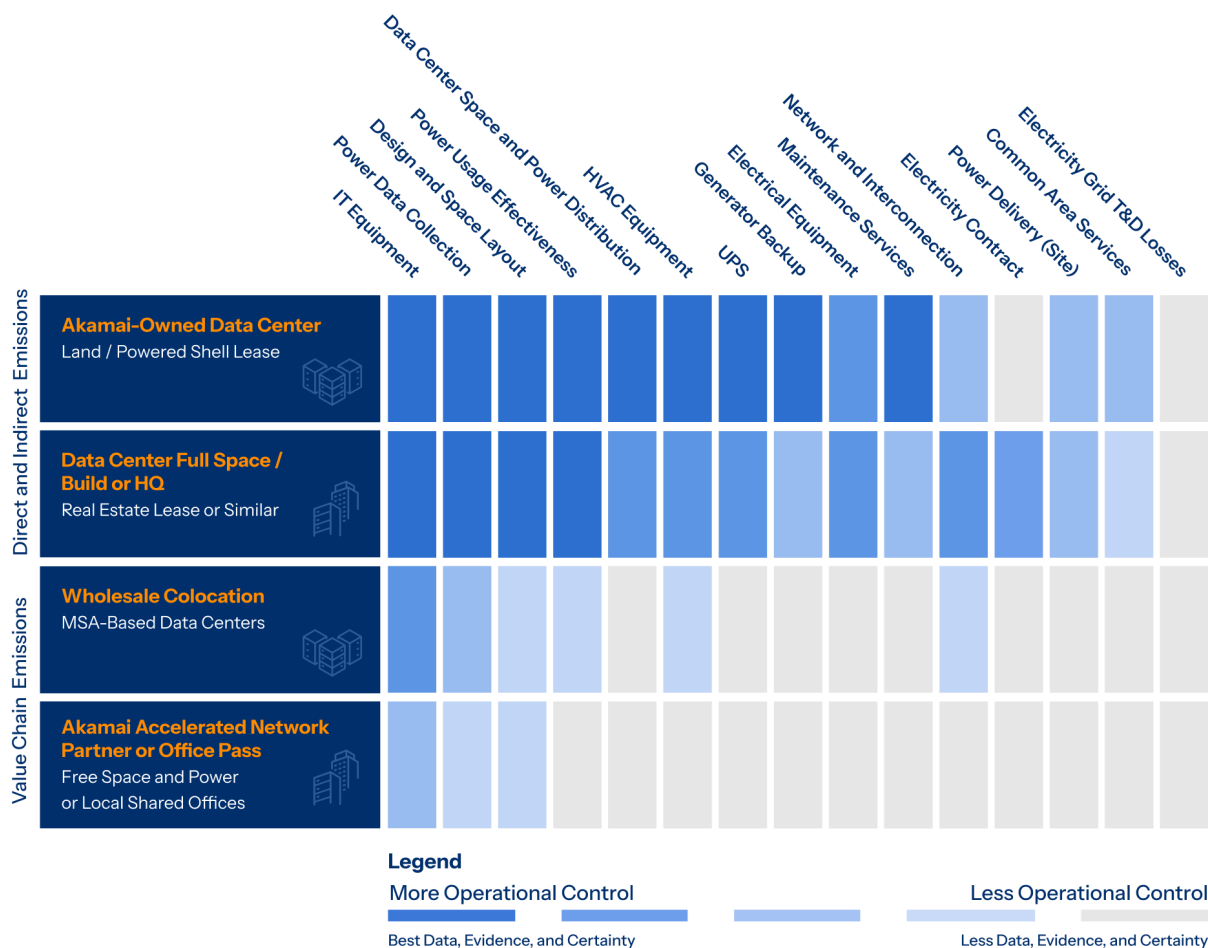
The Akamai Solution: Contractual Intelligence

In FY25, Akamai took decisive action to resolve this ambiguity, shifting our posture from requesting improved data to partnering with our providers to secure it.

Our sustainability strategy now holistically addresses energy consumption across our entire infrastructure. To meet our 2030 targets, including net-zero emissions and 100% renewable energy, we look beyond the equipment we own to the critical services that support it. In colocation data centers, cooling, lighting, and uninterruptible power supplies (UPS) contribute significantly to our footprint, often reflected in power usage effectiveness (PUE) metrics.

Although contractual terms limit our direct control over site efficiency and utility procurement, we leverage our partnerships to bridge this gap. By engaging collaboratively with vendors, we advocate for the procurement of high-impact clean energy attributes and tighter efficiency standards. This approach ensures we are not just measuring our impact, but actively decarbonizing our value chain.

Our Approach to Operational Emissions Accounting



Standardizing GHG Accounting in Colocation Spaces

In FY25, we expanded our data center survey, getting more specific data on renewable energy coverage and operational accounting. This was helpful for baselining suppliers' sustainability strategies and accounting approaches to pave the way for deepened supplier engagement.

Akamai continued to partner with our colocation service providers to establish standardized accounting and reporting practices for emissions disclosures in our data center locations. Standardized emissions accounting that provides an approach to consequential traceability is crucial to ensuring accurate and consistent reporting, preventing issues such as double-counting or failing to report emissions values entirely due to assumptions that either providers or customers have accounted for. This effort is particularly critical as data center power demands continue to grow, amplifying the need for clarity and alignment in emissions reporting.

What Are the Key Objectives?

- Ensuring our partners prepare GHG inventories that represent a true and fair account of their emissions by using standardized approaches and principles

- Increasing consistency and transparency in GHG accounting and reporting across organizations and programs¹

Despite these objectives, Akamai, as a global customer of colocation services, has observed meaningful variations in how colocation providers interpret and implement the current GHG Protocol, the primary accounting guidance used by most companies today.

Even among providers with similar contract structures and power delivery models, reporting practices can vary. This diversity in reporting approaches presents opportunities to enhance standardized GHG accounting, enabling more consistent emissions tracking and improved industry-wide comparability. While the GHG Protocol offers a valuable foundation, there is potential to develop more consistent and actionable data practices across jurisdictions.

Inconsistencies in the Industry

The data center industry is currently navigating a diverse landscape of GHG accounting methodologies, and there is an opportunity for greater harmonization across providers. While the GHG Protocol offers helpful guidance, global providers may interpret boundaries differently, creating opportunities to strengthen reporting consistency.

- **The All-In Approach:** Some providers bundle customer energy use with facility energy use, which may create overlap where both the landlord and the tenant account for the same emissions.
- **The Common Area Consideration:** Others report primarily the energy used in shared spaces, which may not fully capture the significant cooling loads required to keep servers operational.
- **The PUE Consideration:** Many providers rely on power usage effectiveness (PUE) as a proxy for efficiency, though PUE alone may not capture the carbon intensity of the underlying energy sources.

We have observed variations like these in our own annual data center survey. For example, in FY25, 81% of survey respondents measure PUE at the building level, while less than 20% measure it for individual customers. While a low annualized building-level PUE indicates general data center efficiency, it lowers our ability to capture or reward individual tenant improvements. Localized efficiency efforts are averaged into the entire facility's metrics, and with limited granular tracking, that ultimately lowers the ability for colocation customers like Akamai to invest in their own space-specific power-saving measures.

Variabilities like these lower the potential opportunity for the industry to work together. By establishing more consistent practices, that would help facilitate seamless industry-wide comparability and support collective progress toward net-zero.

Akamai's Approach to Clarifying Accountability

To address these areas, Akamai is aligned on clarifying the interpretation of operational control in colocation spaces. This approach will assign emissions responsibility based on operational authority, which governs the activities and decisions impacting emissions. We aim to work across the industry to establish clearer boundaries for:

¹ Both objectives are foundational principles derived from the [Greenhouse Gas Protocol \(GHGP\)](#).

1. **Provider Responsibility (Facility Overhead):** The provider holds the utility relationship and maintains the master meters. They are responsible for the emissions associated with the building's operation — cooling, lighting, and power distribution losses. These are the provider's direct Scope 2 emissions.
2. **Customer Responsibility (Active Scope 2 Reporting):** To ensure consistency in our own approach, Akamai takes full ownership of the energy powering our infrastructure. Even though we sit behind the provider's meter, we measure, calculate, and report this IT load plus PUE as our Scope 2 emissions. This approach empowers us to take direct action by procuring high-quality renewable energy to match our consumption, rather than passively tracking it as a supply chain statistic.
3. **Data Transparency:** This accountability model requires precision. Because we report this as Scope 2, we cannot rely on rough estimates. We require providers to transparently assign energy use, distinguishing our specific IT load from the general facility overhead and ensuring that our renewable energy investments match our actual impact.

Moving Toward Industry Alignment

Akamai is supportive in fostering collaboration between colocation service providers and their customers to establish clear and consistent accounting practices. By working together to standardize the various approaches, we can enhance the accuracy of emissions reporting and unlock broader opportunities for meaningful decarbonization. Addressing reporting challenges will enable the data center colocation industry to focus on driving impactful initiatives, such as:

- Expanding investments in clean energy generation
- Advancing clean energy procurement strategies
- Innovating in energy efficiency and operational sustainability

Through these collective efforts, we strive to bridge gaps in emissions reporting, provide more granularity through our accounting, and inspire progress by promoting transparency and accountability across the colocation and data center ecosystem. We believe that by working together as partners, we can help lead the way toward a more sustainable future.

Incorporating Best Practices with CEBA

In partnership with [CEBA](#), we have prioritized integrating environmental considerations into the strategic planning process for our global platform. Through our participation in CEBA, Akamai helped to create a guide of best practices for corporate colocation and cloud procurement, and put forth calls for our colocation providers to follow the same principles.



As a signatory of [the Corporate Colocation and Cloud Buyers' Principles](#), Akamai supports the following goals:

- **Options:** Provide options for cost-competitive services powered by renewable resources that reduce emissions beyond business as usual

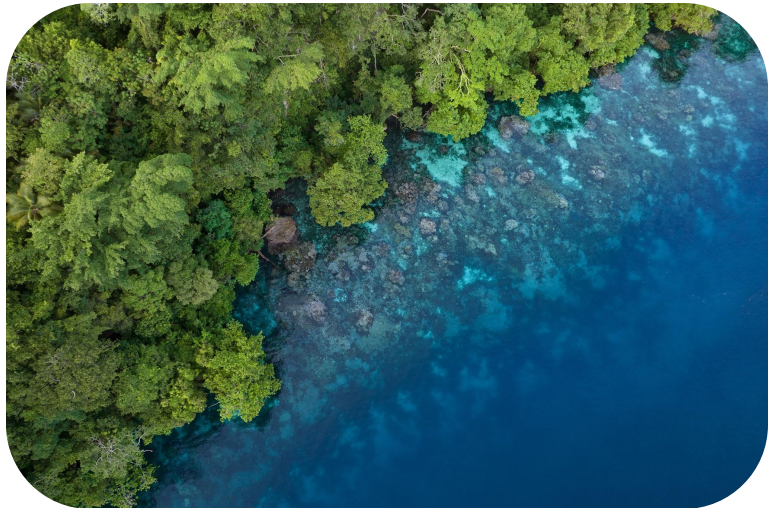
- **Data:** Deliver monthly data on the colocation customer's direct and indirect energy consumption, water consumption, greenhouse gas emissions, and other environmental data
- **Incentives:** Align the partnership between customer and service provider, so both parties have an incentive to reduce energy consumption
- **Collaboration:** Provide options for customer collaboration on efficiency and renewable energy enhancements
- **Disclosure:** Disclose data for individual sites and total global corporate footprint, as well as site-specific energy sources
- **Advocacy:** Engage in policy advocacy efforts that support the use of renewable energy

Helping to ensure our colocation and cloud service providers support these principles will help not only Akamai, but also other companies using their services, to meet sustainability goals.

Biodiversity and Emissions Impact

Understanding Akamai's Biodiversity Impact and Challenges

Akamai recognizes the crucial importance of addressing biodiversity as part of our environmental impact, and of integrating nature-positive practices across our operations and emissions reduction activities. As part of Akamai's environmental management system (EMS) and our alignment with ISO 14001, we are regularly evaluating the company's environmental aspects and impacts to inform our targets and initiatives.



Akamai's environmental aspects related to biodiversity include

- Consuming power across our global operations
- Purchasing and disposing of hardware
- Housing, maintaining, and operating our network equipment

Although we do not manufacture the hardware used across our platform and our operations are currently primarily in multi-tenant data center spaces, we recognize the potential for future expansion into wholly operated and owned data center environments. Regardless of the operational model, we aspire to make a tangible impact in mitigating biodiversity impacts as we work toward a decarbonized future. Through collaboration, innovation, and strategic initiatives, we aim to address environmental challenges while continuing to grow responsibly.

The repercussions on biodiversity are varied and could manifest in unpredictable ways on a global scale for ecosystems, public health, infrastructure, and our operations. This interconnected challenge is compounded by the impacts of climate change, where higher [Representative Concentration Pathway \(RCP\) scenarios](#) lead to more frequent and severe risks to our supply chain and the

communities in which we live, work, and serve. Aligning our strategies with ambitious pathways like RCP 1.9 or 2.6, which limit global warming to 1.5°C, is essential to mitigating these effects and achieving long-term resilience.

Our Nature-Positive Practices

We are embracing nature-positive practices and decarbonization activities across our value chain, with a focus on renewable energy use, sustainable waste management, and partnership with environmentally responsible suppliers.

Energy Use

- We are prioritizing our efforts to power our data centers and offices with [100% renewable energy](#) sources to reduce the emissions footprint and associated impacts on biodiversity.
- We strive to implement [energy efficiency](#) measures to minimize resource use.

Waste Management

- We ensure the adoption of sustainable waste management practices such as e-Stewards, including [recycling 100% of our electronic waste](#) and materials, to prevent pollution and habitat degradation.

Supplier Engagement

- Through our [supplier engagement](#) programs, we embed biodiversity into the planning of new-build data centers by selecting sites with low ecological sensitivity and sourcing from partners that align with environmental responsibility.

To guide our endeavors in safeguarding and enriching biodiversity, we have developed a [biodiversity policy](#), which we will consistently review and enhance to align with progressive practices, our EMS, and our global sustainability objectives. We will continue to report comprehensively on progress toward our objectives and our environmental risk and opportunity management, expanding our focus to include interconnected risks and opportunities, such as biodiversity, as we transition to align with the IFRS S1 and S2 guidance.

Quantifying Health and Ecosystem Benefits of Renewable Energy

We recognize that the impact potential of renewable energy project investment goes beyond delivering clean electrons to the grid. In FY25, Akamai partnered with [Quantum Energy](#) to analyze the grid-level changes in generation due to the electricity produced by Akamai's wind and solar projects in the United States and the

avoided emissions to air, soil, marine, and freshwater environments, which are mapped to epidemiological damage pathways to assess public health and ecosystem impacts. The location of new clean energy projects can be optimized to avoid carbon, terrestrial acidification, freshwater eutrophication, photochemical oxidants (ecosystems), land saved by reduced fuel extraction, water depletion, terrestrial ecotoxicity, and freshwater ecotoxicity, among other factors, to increase biodiversity benefits as a result. With Quantum's support, we track [species saved](#) annually as a result



**Quantum
Energy**

of Akamai's renewable energy portfolio impact. This is measured using the industry-standard Potentially Disappeared Fraction of Species metric.

Making impact-driven and holistic sustainability progress is crucial for Akamai's long-term business resilience, and for the health of our planet and the interconnected ecosystems, species, and people that inhabit it.

Embodied Emissions Program



As part of our EMS and the continuous improvement of our sustainability program, we are further developing our embodied emissions program and weaving it into our operational efficiency lifecycle.

As part of our net-zero targets and broader sustainability goal, Akamai is dedicated to exploring collaborative methods to reduce the embodied carbon emissions within the supply chain that supports our global platform. We recognize the urgency of this issue

and are working on a comprehensive approach that includes four critical stages.

1. Work toward enhancing transparency and traceability across the Akamai supply chain. We are in pursuit of fostering a collaborative relationship with our suppliers to gain deeper insights into their emissions impact and explore opportunities to reduce their environmental footprint.
2. Seek ways to incorporate low-carbon materials and technologies into our network. We are investigating alternative materials and energy-efficient technologies that can assist us in reducing the embodied emissions linked with the physical footprint of our global platform.
3. Implement sustainable practices across our operations, such as reducing waste, conserving energy, and promoting sustainable options for our global platform. In 2026, our ISO 14001 audits will expand focus to include our e-waste process.
4. Connect with our industry partners and stakeholders to promote best practices in sustainable supply chain management and advocate for policies supporting a low-carbon economy for our global platform.

In our annual emissions reporting, we are prioritizing accuracy in measuring and reducing our embodied carbon footprint. Our current focus has been calculating the embodied carbon emissions from our hardware and component purchases for our global platform. We recognize there is an opportunity for continued refinement and validation when measuring specific embodied emissions. We acknowledge the impact on our emissions output of purchasing capital goods over their useful life and remain dedicated to working with the industry to achieve greater accuracy in our calculations.

100% Renewable

Program Approach

				
Total Power Consumed	Average Power Usage Effectiveness (PUE)	Clean Energy from Data Center and Office Suppliers	Akamai-Caused Renewables	Clean Energy-Powered Data Center Facilities
1,073,200 MWh	1.48	388,600 MWh	167,000 MWh	149

We approach energy procurement with the rigor of an institutional stakeholder. Our goal is to power Akamai’s global operations with 100% renewable energy, but our method is grounded in a rigorous financial approach and grid additionality.

The Net-New Mandate

We prioritize investments that add new clean energy capacity to the grid — electrons that would not exist without our investment.



- **The Mechanism:** We utilize virtual power purchase agreements (VPPAs) to support the development of large-scale wind and solar projects.
- **Financial Approach:** In the evolving energy landscape, our participation in long-term clean energy agreements helps us navigate changing market conditions. This supports our long-term planning and aligns with our general corporate sustainability goals.

The Strategy: Maximizing Emissions Displacement

Rather than solely prioritizing the most cost-effective renewable energy certificates, our procurement strategy aligns with the principles of consequential accounting. We strategically target project development in regions characterized by a highly carbon-intensive energy mix. By introducing new renewable capacity into these specific markets, we maximize the volume of fossil-fuel emissions displaced per dollar invested.

Global Execution: A Tiered Procurement Strategy

Akamai operates in over 130 countries. The availability of renewable mechanisms varies by jurisdiction. To manage this complexity without compromising integrity, we apply a strict hierarchy of procurement:

Tier 1: High-Impact VPPAs (The Gold Standard)

- **Where:** Deregulated markets (U.S., Europe, Australia, Japan, etc.).
- **Action:** We sign long-term contracts to build new wind/solar farms. This is our preferred method for high-volume load coverage.

Tier 2: Direct Supplier Engagement

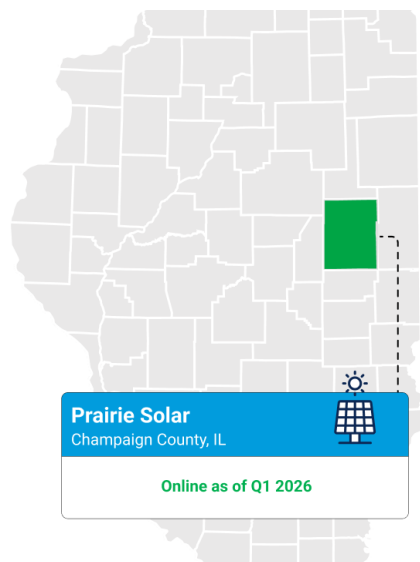
- **Where:** Colocation facilities.
- **Action:** We leverage our transparency clause to push data center partners to procure renewable energy on our behalf, bundling it directly into our service contracts.

Tier 3: Market-Based Certificates (The Bridge Solution)

- **Where:** Regulated or emerging markets with limited infrastructure.
- **Action:** Where direct procurement is impossible, we procure unbundled energy attribute certificates (EACs). However, we apply a quality filter: We only purchase certificates that offer reliable traceability (e.g., Green-e, I-REC) and meet local compliance rigor. We view this as a transitional bridge, not an end state.

Akamai Renewable Energy Portfolio

U.S. Renewables Update



After signing the Prairie Solar [virtual power purchase agreement \(VPPA\)](#) in collaboration with Teradyne and Wayfair in 2024, Akamai signed an expansion in FY25 to further increase capacity. This VPPA supports the development of new renewable energy in Champaign County, Illinois, within the carbon-intensive grid of the Midcontinent Independent System Operator (MISO) North region.

This partnership reflects our emissions-first approach, which prioritizes reducing emissions in the regions that need it most. We expanded our 30 MW portion of Prairie Solar to a 45 MW share of the project. With the project coming online in early 2026, our portion of Prairie Solar is projected to generate approximately 77,000 MWh annually and is expected to abate an estimated 48,000 metric tons of CO₂e annually. Prairie Solar will benefit the environment, support job creation, and reduce the

emissions impact on the local community, while adding significant renewable power to Akamai's U.S. portfolio.

This project exemplifies Akamai's goal of driving meaningful climate action and supporting a decarbonized future through targeted, impactful renewable energy investments.

With the addition of the Prairie Solar project, our portfolio is spread across regional transmission organization (RTO) regions in the U.S., including ERCOT, PJM, and MISO. We are also continuing to explore opportunities to grow in PJM while expanding into CAISO. This will allow us to generate clean energy in the same regions where our consumption is expected to increase. This expansion also creates geographic diversification to hedge against price volatility risk in the U.S. Midwest.

Global Renewable Energy Expansion

In FY25, Akamai continued its focus on identifying opportunities to expand our renewable energy program globally, aligning with our dedication to bring net-new renewable energy to the regions where we operate. Through engagement with developers, market research, and targeted initiatives, we explored ways to advance renewable energy adoption across key markets, including Germany, Japan, Singapore, Australia, and India.

Signing VPPAs in Germany

In FY25, we successfully executed our first and second virtual power purchase agreements in Europe, which will generate a projected 95,000 MWh of electricity and reduce emissions impact by an estimated 81,000 MT CO₂e/MWh on an annual basis. These projects launched in January and the second will come online in Q3 of 2026, respectively. In addition, we are actively pursuing additional opportunities in several European AIB-member countries and the UK.



Solar project 1 Germany	
Online as of Q1 2026	
Solar project 2 Germany	
Expected online in Q3 2026	

Exploring Opportunities in Japan, Singapore, and Australia

In FY25, our efforts to support the development of new renewable energy projects expanded beyond North America and Europe as we began negotiations with developers in multiple countries in Asia and in Australia. We are actively pursuing opportunities to invest in wind and solar projects across Japan, Singapore, and Australia, which provide additionality and proximity to locations where we consume energy.

Identifying Pathways in India and Latin America

In FY25, we worked with developers in India to identify pathways for Akamai to support its local energy load with renewables. We also considered expansion into several Latin American countries like Brazil and Mexico. In preparation for meeting our 2030 goal of using 100% renewable energy, we began our exploration this year to thoughtfully align with local climate priorities and governing structures.

Looking Ahead

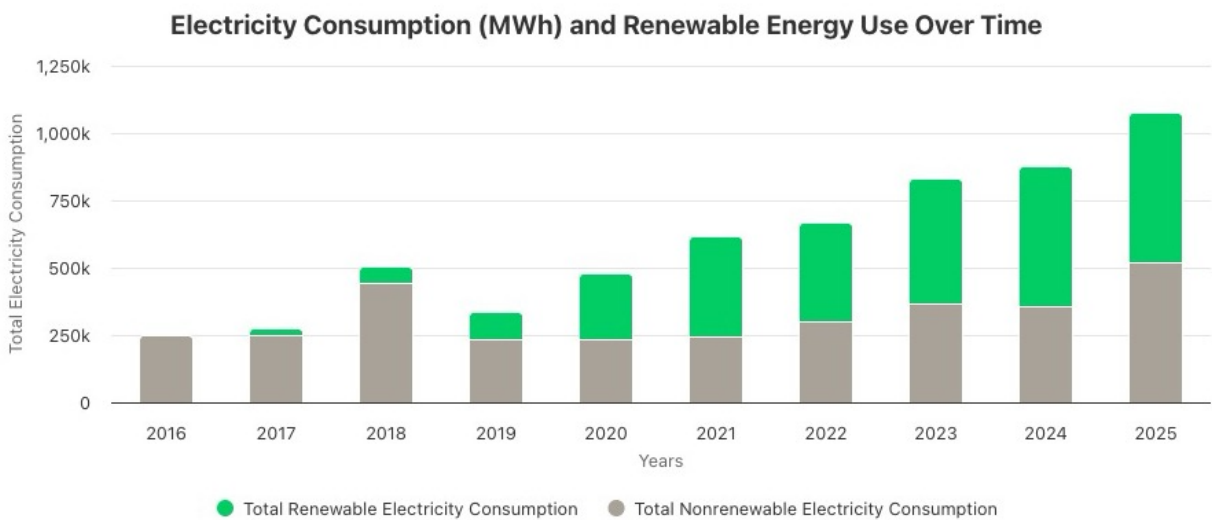
As we look to 2026, Akamai is focused on transforming opportunities into impactful action to expand our renewable energy footprint. By prioritizing high-carbon-intensity regions and collaborating with local stakeholders, we aim to drive meaningful progress toward our sustainability goals.

Renewable Colocation Partnerships

We work closely with our data center partners, which share our environmental concerns, to ensure that our operations are powered solely by renewable energy sources. As of December 2025, around 98% of our network deployments are in facilities licensed or leased from our colocation partners, which have demonstrated a strong alignment to renewable energy. Our joint efforts have positively impacted the environment, and we continue to prioritize sustainability as a key objective in our operations.

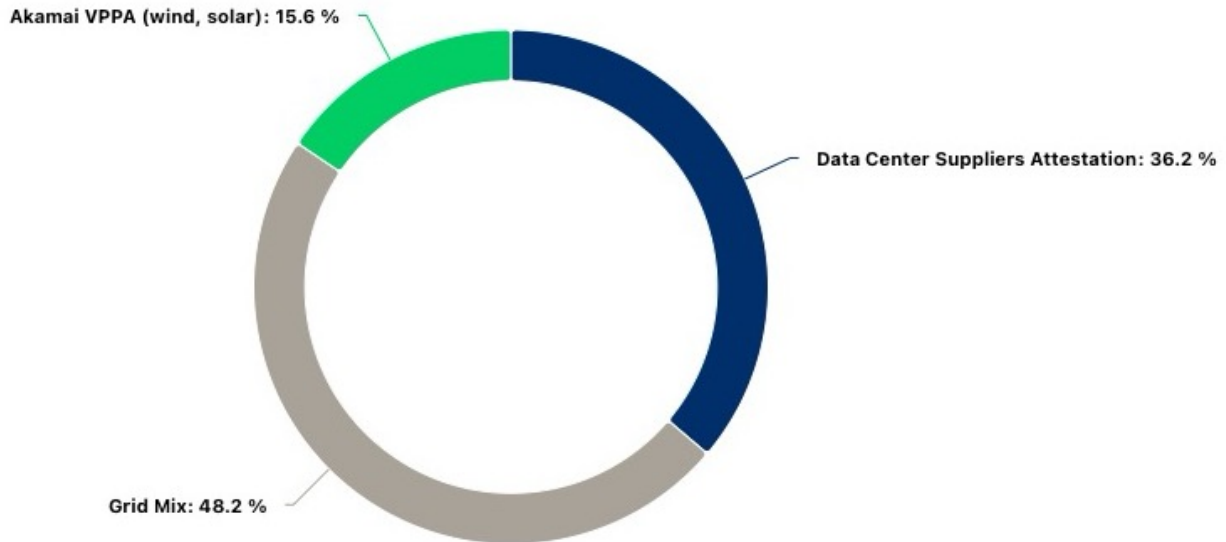
Akamai Renewable Energy Mix

Renewable Energy Usage



Over FY25, we saw a 7% increase over 2024 in the amount of renewable power used globally. This was mainly due to increasing our deployments in data centers, which source renewable energy for 100% of the power they use. With our own renewable energy projects, Akamai has continued to see growth across our footprint through our direct EAC purchases, market-based utility supply, and certain attestation claims. We are proud to continue to make progress toward working with data centers to gain a greater mix of renewables and increased purchaser-caused supply in our energy mix to reduce our use of fossil fuels.

Global Renewable Energy Mix (Platform + Operations)



Contracting for renewable energy can be a long process. At Akamai, we strive to work closely with organizations like CEBA to provide comprehensive training programs for our colocation partners to encourage more procurement of renewable energy to power their facilities. [CEBA Boot Camps](#) are designed to provide an in-depth learning experience that can help members and supply chain partners navigate the complex energy markets and procurement solutions.

Akamai's Clean Energy Impact

Measuring Impact: The Carbon ROI Metric



In traditional sustainability reporting, all renewable energy is treated equally: One megawatt-hour (MWh) of wind energy equals one MWh of emissionality credit.

This is a fallacy. A wind farm in a more emissions-intensive grid (like West Virginia) prevents significantly more carbon from entering the atmosphere than a wind farm in a hydro-heavy grid (like Washington state). By treating them as equal, standard accounting incentivizes companies to build projects where it is cheapest, not where it is most necessary.

The Solution: Locational Marginal Emissions (LME)

To break this cycle, Akamai has integrated Locational Marginal Emissions (LMEs) into our procurement strategy, utilizing data from our partners.

How It Works

LME is not a static average; it is a dynamic measurement of the specific power plant that is displaced by our renewable generation. LMEs are an innovative way to measure the metric tonnes of carbon emissions displaced by 1 MWh of clean energy added to the grid at a specific location at one particular time. LMEs are calculated at each power system node like the [locational marginal pricing \(LMPs\)](#) used to set wholesale electricity market prices. LMEs measure emissions by identifying the marginal generators that would have been producing energy if not for the renewable injection to the grid at that location.

- **The Mechanism:** When our wind turbines spin, they inject power into the grid. The LME calculation identifies exactly which fossil fuel generator (e.g., a specific gas peaker plant) throttles down in response.
- **The Result:** This allows us to calculate the precise abatement value of every dollar we invest.

Strategic Application: Hunting for Impact

We use LME data as a screening tool for all new virtual power purchase agreements (VPPAs).

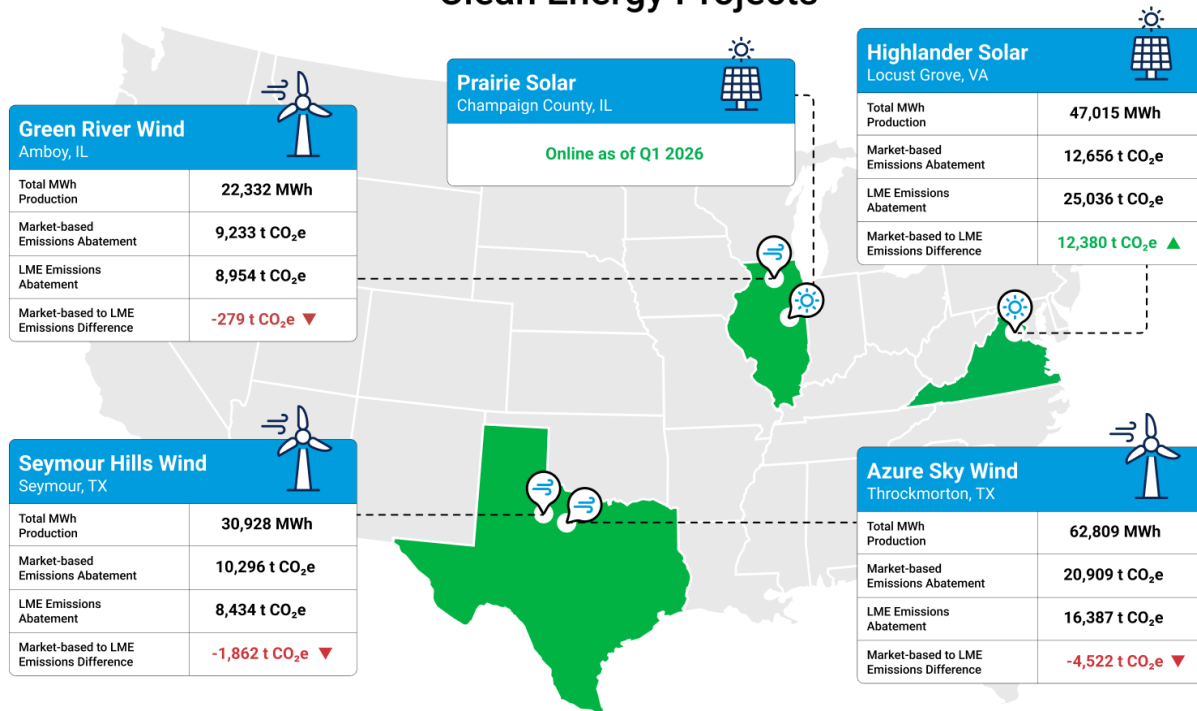
- 1) **Project Vetting:** We analyze potential renewable projects not just on price per MWh, but on carbon avoided per dollar.
- 2) **Performance Auditing:** We track our active portfolio to ensure we are delivering on our fossil fuel displacement goals. For example, LME reports allow us to see when our wind generation specifically displaces coal generation versus natural gas.

By prioritizing LME over simple volume counting, Akamai ensures that our capital is deployed with precision to the regions where it can do the most good for the global climate.

Akamai's Active Clean Energy Projects

Understanding our renewable abatement impact helps us to make meaningful progress toward our net-zero goals. With our ongoing incorporation of LMEs into our long-term approach, we can better understand the full impact of our renewable projects based on their hourly displacement over the 8,760 hours in a year. Getting to a highly precise measurement helps us track our progress and be more deliberate in reaching a net-zero future for Akamai.

Clean Energy Projects



The previous graphic highlights each project's total MWh production during 2025. It also includes two different emissions factors, including market-based emissions values based on the project location and generation profile and the LME values, which highlight a closer-to-reality market abatement. Between the market-based emissions factor from the site location and LME values, we highlight the difference between the impact of each applied method. As we continue to form our emissions-first approach, we will look for ways to use innovative emissions abatement measurements, such as LMEs, across our global footprint.

RESurety's CleanSight platform validates the data that goes into the financial and environmental outcomes of Akamai's VPPAs. From there, we can confidently report on historical, current, and forecasted metrics like settlement costs, locational marginal emissions, and carbon abatement, all from within the platform. The ability to generate these reports quickly is key. Saving time on auditing data means we spend more time assessing the impact of our renewable energy procurement to date, and setting strategies for achieving our 2030 goal of powering Akamai's operations with 100% renewable energy.

Decarbonization Partnerships

ZEROgrid Initiative



Akamai continued to partner with the leading companies in the [ZEROgrid Initiative](#), a collaborative initiative designed to accelerate the transition to a decarbonized, reliable grid by fostering partnerships among corporate energy buyers, grid operators, policymakers, and researchers. The initiative focuses on leveraging corporate actions to address key

challenges in grid reliability, decarbonization, and scalability while promoting innovative solutions and frameworks that benefit the energy ecosystem.

Through its Reliability Advisory Initiative (RAI), ZEROgrid facilitates proactive, high-impact discussions and actions to tackle emerging grid reliability challenges, particularly those arising from electrification, renewable integration, and dynamic load growth.

This past year, Akamai worked collectively as a part of the RAI to contribute to bridging the gap between grid operators (RTOs/ISOs) and corporations by creating a collaborative forum for two-way information sharing. The focus is on addressing resource adequacy, improving load forecasting, and supporting emerging clean energy technologies to ensure a resilient and cost-effective grid of the future.



Key Progress and Outcomes from RAI in FY25

Enhanced Two-Way Communication

- **Goal:** Foster open dialogue between corporations and RTOs/ISOs to align corporate energy strategies with grid reliability needs.
- **Impact:** Improved understanding of grid reliability mandates, corporate decarbonization goals, and actionable ways to align these efforts.

Proactive Planning for Load Growth

- Addressed challenges posed by rapid load growth from electrification (e.g., electric vehicles [EVs], data centers, manufacturing).
- Introduced scenario analysis frameworks to evaluate future demand variability, improving transmission planning and interconnection processes.

Integration of Emerging Technologies

- Promoted corporate-driven pilots for emerging clean technologies, such as virtual power plants, demand response systems, and grid-enhancing technologies.
- Supported the adoption of innovative solutions by providing evidence-based insights to grid operators.

Corporate Playbook for Grid Reliability

The RAI developed a comprehensive playbook with actionable recommendations for corporations, focusing on:

- Supporting resource adequacy through flexible demand and ancillary services
- Increasing visibility into behind-the-meter (BTM) resources

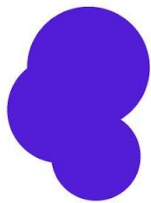
- Addressing data-sharing challenges to enhance load forecasting

What Does the Future Hold for ZEROgrid?

The future of the ZEROgrid program is defined by high-impact corporate action — accelerating decarbonization through dynamic load management and infrastructure optimization. While Akamai will step back from direct participation in 2026, we remain excited by the program's trajectory and the progress it is driving.

ZEROgrid is poised to address critical grid bottlenecks by promoting load flexibility, smoothing technologies, and emissions-informed planning. We are particularly encouraged by its focus on clean repowering and grid-enhancing technologies, which are essential for seamless renewable integration. As the program continues to champion two-way information sharing between corporations and grid operators, it is building the collaborative framework necessary for a sustainable energy future — a mission we will continue to support from the sidelines.

Emissions First Partnership



Emissions First Partnership

Akamai continues to work with the [Emissions First Partnership \(EFP\)](#), focused on accelerating global decarbonization. EFP companies are working to reduce our emissions from electricity use with impactful clean energy projects. Akamai believes putting emissions first will maximize our carbon reductions and enable us to have a more significant effect where we operate.

Moving [beyond megawatt-hour matching](#) to focus on

the quantified emissions impact of electricity consumption and generation is at the heart of this approach. In FY25, the EFP made significant strides in refining emissions accounting and promoting effective decarbonization strategies. The group has been engaging closely within the Greenhouse Gas Protocol revision process to ensure the standard delivers positive outcomes for the momentum and impact of corporate clean energy procurement and decarbonization. The EFP has aggregated over [100 sources of insights and research](#) to back up this engagement that support the emissions first approach.

Key EFP Initiatives and Developments

Advancement of Emissions Accounting Principles

- The partnership emphasized the importance of recognizing that the emissions impact of a megawatt-hour of electricity consumption or generation varies based on time and location.
- By prioritizing decarbonization, Emissions First aimed to provide stakeholders with confidence that emission reduction claims made by organizations are accurate and impactful.

Promotion of Consequential Emissions Impact Analysis

- Members advocated for the adoption of consequential emissions impact analysis to better understand the real-world effects of corporate renewable energy procurement.
- The approach continued to evolve on the actual emissions reductions achieved, rather than solely on the quantity of renewable energy purchased.

Engagement with Global Climate Initiatives

- The partnership actively participated in international discussions on climate action, aligning its principles with global efforts to reduce carbon emissions.
- By collaborating with other organizations and stakeholders, Emissions First contributed to the development of more accurate and impactful emissions accounting standards.

Educational Outreach and Thought Leadership

- Through its blog and publications, Emissions First provided insights into the evolving landscape of emissions reduction and clean energy solutions.
- Topics covered included the climate and social benefits of relaxed market boundaries for low-income countries and the role of market boundaries in enhancing voluntary corporate renewable energy procurement.
- The group has been closely involved in the Greenhouse Gas Protocol revision process. EFP members have engaged in many case studies, research, and working groups to encourage the Protocol revisions to be aligned with quantifiable, accessible, and accelerated decarbonization.

Looking Forward with Emissions First

By focusing on these areas, the Emissions First Partnership worked toward creating a more accurate and effective framework for corporate emissions accounting, ultimately supporting global efforts to combat climate change. Through continuous collaboration with policymakers, market leaders, and international climate initiatives, Emissions First seeks to influence the creation of policies and mechanisms that support high-impact corporate action. The partnership also aims to bridge gaps in global renewable energy accessibility, ensuring equitable contributions to emissions reductions, particularly in regions with emerging energy markets.

Build Efficiency

Program Approach



At Akamai, we do not view sustainability as a constraint on engineering; we view it as a metric of code quality. In a massive distributed system, inefficient code is not just a technical debt — it is a carbon liability and can have an environmental impact. Our Build Efficiency program operates on a simple principle: performance per watt.

We have empowered our engineering teams to aggressively hunt for resources that are deployed but underutilized. By optimizing our

software architecture and increasing hardware density, we are able to deliver our services with less infrastructure.

The Three Pillars of Efficiency

- 1) **Software Optimization:** Rewriting code to increase throughput on existing servers.
- 2) **Hardware Density:** Transitioning to next-generation servers that deliver exponentially higher compute power per square foot.
- 3) **Process Discipline:** Integrating carbon intensity metrics into the software development lifecycle (SDLC), ensuring that green code is the default standard.

This is about more than just sustainability. Improving our operational footprint creates additional value, allowing us to be more flexible with our resources and support broader business priorities.

Developing Software Efficiencies

Akamai remains fundamentally focused on evolving our distributed infrastructure to support long-term sustainability goals. By continuously exploring opportunities to enhance resource utilization and responsibly manage our hardware footprint, we aim to balance operational efficiencies with environmental considerations. Rather than relying on rigid, centralized models, our approach seeks to maximize the utility of our existing architecture. The following sections provide an overview of our ongoing efforts, strategic direction, and progress in these areas.



Software Example 1: Optimizing CPU Efficiency

Akamai optimized our core edge server operating system kernel, significantly enhancing CPU efficiency and accelerating data processing across our global network. This was achieved by:

- Deploying a global kernel optimization to streamline how software interacts with physical hardware platforms.
- Improving flit-to-bit efficiency by up to 8.5% for security traffic processing and 3.5% for content delivery networks.
- Enhancing processing efficiency across one of our primary SSD configurations used under real-world operational loads.

Environmental Impact

- **Reduced Hardware Demand:** Avoided the acquisition and deployment of approximately 1,100 new edge servers.
- **Avoided CO₂e Emissions:** Achieved a projected reduction of over approximately 19,600 metric tons of carbon emissions equivalency over the next five years.
- **Resource Efficiency:** Lowered global infrastructure demand and capital expenditures, translating directly to reduced raw material extraction, manufacturing, and supply chain emissions from avoided hardware production.

Software Example 2: Optimizing Internal Traffic Routing

By restructuring network architecture in our largest metro hubs, Akamai optimized internal network traffic routing, lowering the physical hardware footprint required to sustain global delivery demands. This was achieved by:

- Initiating a consolidation project to streamline internal traffic paths across major global metropolitan deployment zones.
- Expanding regional delivery capacity within the newly optimized large regions.
- Maximizing existing infrastructure capabilities to enable traffic growth without increasing infrastructure procurement.

Environmental Impact

- **Reduced Hardware Demand:** Avoided the procurement and deployment of approximately 100 edge servers.
- **Avoided CO₂e Emissions:** Achieved a projected reduction of approximately 1,000 metric tons of carbon emissions equivalency over the next five years, driven by optimized hardware and network architecture footprints.
- **Supply Chain Efficiency:** Decreased lifecycle demand for server manufacturing, transport, and eventual decommissioning.

Environmental Benefits

Across both initiatives, Akamai projects a total **20,600 metric ton (MT CO₂e)** reduction in emissions over the next five years. This is equivalent to:

- Powering over 4,000 homes for one year
- The carbon sequestered by over 340,000 tree seedlings grown for 10 years

These efforts align with Akamai's broader focus on sustainability by:

- Extending the lifecycle of existing hardware
- Minimizing the need for new resource extraction
- Reducing the carbon footprint of our delivery and security networks

Developing Hardware Efficiencies



Akamai's server fleet is a cornerstone of our network, ensuring security, speed, and reliability for customers worldwide. This study set out to answer a key question: Have our server generations become more efficient over time?

To explore this, we analyzed real-time data snapshots from two primary types of production network servers. For clarity, we refer to these as our **Encryption-Focused (EF)** and **Data Transfer-Optimized (DTO)** networks. Each server type plays a distinct role within our infrastructure:

- **EF** servers perform intensive cryptographic computations, consuming more CPU and power per megabit of data output.
- **DTO** servers operate with less computational overhead, offering another perspective on efficiency.

The study focused on five of Akamai's latest server generations — for simplicity purposes, we will call these servers **type 1 through 5** — looking specifically at two key efficiency metrics:

- **Megabits per second per watt** — a classic measure of power efficiency.
- **Megabits per second per watt per % CPU in use** — an enhanced metric factoring in CPU utilization, offering a clearer view of real-world efficiency under varying workloads.

Server Generations at a Glance

Each server generation was evaluated based on its technical specifications, including CPU type, core count, and network interface card (NIC).

Server Generation (Gen)	Cores	NIC
Gen 1	8	10 Gbps x 1
Gen 2	20	100 Gbps x 2 Gen 1
Gen 3	32	100 Gbps x 2 Gen 2
Gen 4	48	100 Gbps x 2 Gen 3
Gen 5	96	200 Gbps x 2 Gen 4

Methodology: Capturing Peak Efficiency

To ensure robust results, we analyzed server performance during peak usage hours — 7 PM to 10 PM local time in their respective regions. Real-time data from our global data collection system and multiple metrics provided insights into power consumption and CPU activity.

Key Adjustments

- **Type 1 Power Correction:** Type 1 servers report a single power value per chassis, which houses two servers. For accuracy, power consumption was halved per server.

Findings: Generational Efficiency Trends

Using the enhanced metric (megabits per second per watt per % CPU in use), our analysis revealed:

- **Efficiency Increases Across Generations:** Each new server generation consistently outperformed its predecessor, and our latest generation shows the highest efficiency values across both networks.

Encryption-Focused and Data Transfer-Optimized Insights

- **EF:** Servers demonstrated lower efficiency due to their cryptographic demands. However, even within this group, generational improvements were clear.
- **DTO:** Servers followed the same trend, benefiting from lower computational overhead.

Implications for Server Deployment

While Type 5 servers are the most efficient when fully utilized, idle cores still consume significant power. This highlights the importance of aligning workload allocation with available core capacity, especially for Type 5 servers, to optimize power usage.

Conclusion: A Clear Efficiency Progression

The analysis confirmed that Akamai's server generations have consistently increased in efficiency, with each iteration delivering significant improvements. Type 5 servers lead the fleet, underscoring Akamai's dedication to innovation and sustainability in powering the internet. However, future operational strategies should prioritize load balancing to maximize the potential of these cutting-edge servers.

This ongoing focus on efficiency reinforces Akamai's position as a leader in sustainable technology, ensuring our network meets the evolving demands of a connected world.

The Future for Efficiency

The digital economy is approaching a physical limit. As AI model training, inferencing, and immersive media drive global data traffic toward the zettabyte scale, the energy required to move those bits is outpacing the grid's ability to supply it.

At Akamai, we see this not as a threat, but as the defining engineering challenge of the next decade. Efficiency is no longer about incremental gains; it is about architectural reinvention.

Redefining Platform Efficiency

Long-term resilience is defined by an organization's ability to drive meaningful efficiencies in parallel with broader structural growth. As we look to the future, balancing scale with resource optimization remains a foundational priority. Rather than viewing expansion and efficiency as competing objectives, our approach treats them as interconnected milestones—allowing us to refine our operational footprint, enhance organizational agility, and create sustainable value over time without compromising our core objectives.



As our business evolves with cloud computing, joining security and content delivery as primary growth drivers, our sustainability metrics must evolve alongside it. Historically, platform efficiency was measured almost entirely by traffic delivered. Today, to accurately capture the diverse processing power required across our modern infrastructure, we have transitioned to a holistic Platform Workload Index (PWI). This shift is happening in parallel to pursuing reasonable assurance for our energy and network greenhouse gas emissions inventories. This higher level of scrutiny, combined with the PWI, ensures a more realistic reflection of our footprint.

Rather than detailing the individual technical metrics of every service, the PWI serves as a blended, normalized index that represents our total platform output as a single number. This allows us to transparently report on our true sustainability progress by focusing on two critical indicators:

- 1) **Energy Intensity:** This measures the power required to operate our platform relative to the actual work performed.
- 2) **Emissions Intensity:** This measures the greenhouse gas emissions generated relative to the actual work performed.

The deployment of this tracking metric across our platform elevates our approach from foundational reporting to dynamic operational insight. As we integrate the PWI more deeply into our management systems, we are building upon our initial baseline — focused on the Security and Delivery business units — to achieve a precise understanding of our impact across Akamai's extensive infrastructure. This enhanced visibility into energy and emissions intensity per unit of work is essential for strategic efficiency improvements as we further evolve to the cloud company that powers and protects life online. The PWI will empower our engineering teams to proactively optimize energy-intensive operations, ensuring that every watt we consume consistently delivers maximum value to our customers.

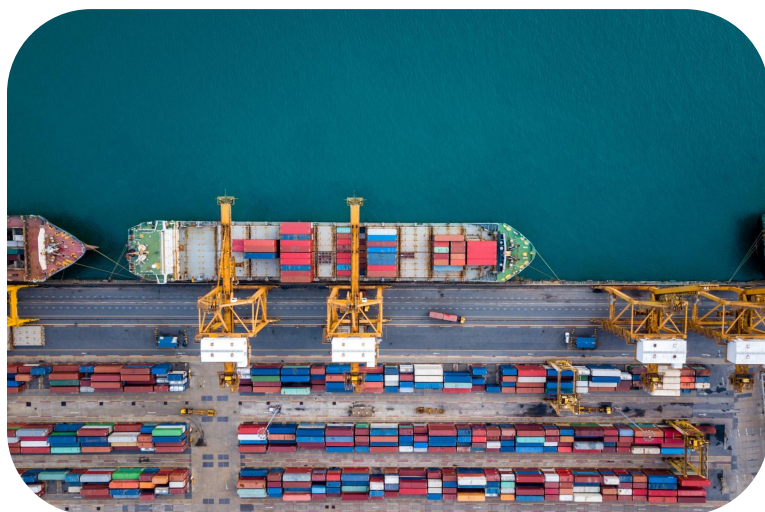
The Industry Imperative

If the tech sector relies solely on adding more power generation, we risk falling short of our objectives. The only viable path forward is to decouple data growth from energy growth. Akamai is proactively

addressing these evolving industry dynamics by demonstrating the long-term value of optimized energy management. We are deeply focused on developing and refining an infrastructure framework that supports the ongoing expansion of the digital economy, ensuring that growth can continue in a balanced and responsible manner. By prioritizing efficiency at the foundational level of our architecture, our approach aims to support scaling requirements while remaining mindful of broader resource considerations and external constraints.

Engage Suppliers

Program Approach



At Akamai, we recognize that our broader network plays a significant role in our overall environmental positioning. Engaging with our external ecosystem is not simply a reflection of corporate principles; it is an essential component of our long-term strategy to manage our broader footprint and support our sustainability aspirations.

Our strategy is simple: We integrate sustainability into the commercial relationship. We work with a complex ecosystem of data center operators,

hardware manufacturers, and logistics partners. Our goal is to transform this ecosystem from a source of carbon risk into a source of shared innovation. We do this by embedding environmental performance metrics directly into our [Responsible Supply Chain Program \(RSCP\)](#).

The Three Tiers of Engagement

- 1) **Selection and Screening:** Sustainability is a gatekeeper. We assess potential partners not just on cost and quality, but on their ability to provide transparent emissions data and commit to science-based targets such as the RCP.
- 2) **Operational Alignment:** We do not just ask for data; we standardize it. Whether it is a colocation provider or a server manufacturer, we require partners to align with our reporting standards (CDP, ISO 14001), ensuring that claims are backed by auditable facts.
- 3) **Capacity Building:** We recognize that not every supplier is at the same stage of maturity. We actively share our own playbooks — on renewable procurement, efficiency, and circularity — to help our strategic partners accelerate their own decarbonization journeys.

By aligning our purchasing power with our principles, we ensure that every dollar Akamai spends helps build a cleaner, more resilient supply chain.

Supplier Assessment Program

Responsible Supply Chain Program

To achieve our goal of working with accountable suppliers, we have created a Responsible Supply Chain Program (RSCP) that evaluates our suppliers based on their performance in areas such as the environment, labor and human rights, ethics, and sustainable procurement.

Our RSCP program has been designed to ensure that our suppliers adhere to responsible business practices and that we work together to promote sustainability across our supply chain. By implementing the RSCP, Akamai aims to foster a responsible and ethical supply chain that upholds our values and benefits for all of our stakeholders through:



- Aligning our suppliers to our ESG goals and values
- Minimizing risk and reputational impact
- Meeting customer expectations and requirements
- Preparing for supply chain regulations
- Strengthening supplier relationships and performance
- Meeting our 2030 sustainability goals

[Learn more about Akamai's RSCP](#)

Collaborating with Data Center Vendors

Akamai's distributed network spans thousands of locations worldwide, making collaboration with our colocation providers essential for tracking power consumption and understanding energy sources. We depend on these partners to supply detailed data on the power usage of our equipment and the proportion of energy sourced from renewable generation.

To measure progress toward our renewable energy and net-zero targets, we've implemented a multifaceted approach. Each year, we receive attestations from our colocation providers detailing the percent of renewable energy used at their facilities and the origins of that energy.

From an operational standpoint, we utilize guiding principles that outline our expectations for suppliers to support our long-term sustainability journey. These considerations are integrated into various stages of our infrastructure evaluation and engagement processes, allowing us to maintain a mindful approach as we look to expand our capabilities. This method helps us foster a more consistent awareness across our diverse network of providers, regardless of their scale or geographic location, while providing a foundation for ongoing discussions regarding resource efficiency.

Looking ahead, we intend to continue exploring collaborative opportunities with our partner ecosystem. By maintaining open dialogue and focusing on shared long-term objectives, we aim to contribute positively to the ongoing evolution of the broader digital ecosystem and support sustainable progress over time.

Industry Engagement

In FY25, Akamai worked with the Colocation Working Group to help continue its mission to streamline and enhance clean energy procurement within the colocation data center sector. Key initiatives included:

- **Standardizing Emissions Reporting:** The group worked to harmonize GHG accounting practices among colocation providers and their customers, aiming to reduce inconsistencies and improve transparency in emissions reporting.
- **Advancing Renewable Energy Adoption:** Efforts were made to facilitate the integration of renewable energy sources into colocation facilities, supporting the broader decarbonization goals of the industry.
- **Educational Outreach:** The working group organized webinars and workshops to educate stakeholders on best practices in clean energy procurement and sustainability within colocation services.
- **Policy Advocacy:** Engaging with policymakers to advocate for regulations that support clean energy initiatives in the colocation sector was a priority, ensuring that legislative developments align with industry sustainability goals.



These efforts reflect CEBA's prioritization of fostering collaboration and driving progress toward a carbon-free energy future in the colocation data center industry. Akamai is proud to partner with CEBA in advancing this critical work, actively collaborating with colocation providers to align on best practices for emissions reporting, renewable energy integration, and sustainability initiatives. By working together, we aim to standardize approaches, enhance transparency, and unlock greater opportunities for

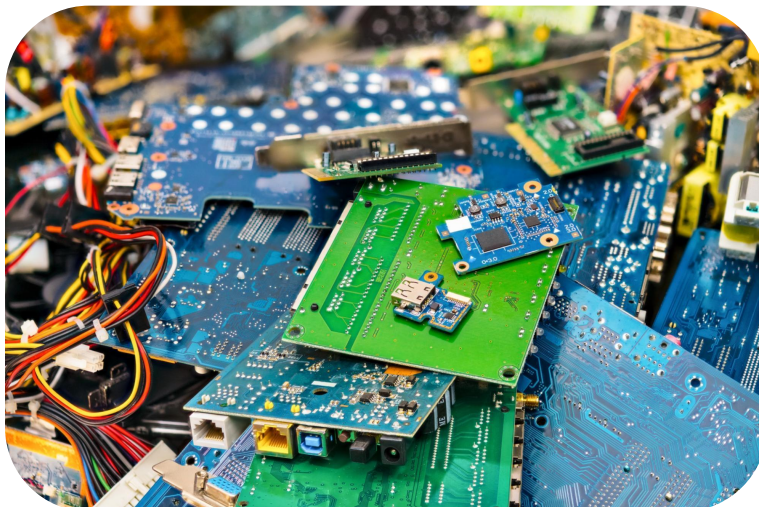
decarbonization within the colocation sector, reinforcing our shared focus to a sustainable and climate-resilient future.

Circularity

Program Approach

At Akamai, we do not view end-of-service hardware as waste; we view it as a critical phase in our operational lifecycle. In a global digital economy, the disposal of server infrastructure is a high-stakes process involving data security, material recovery, and environmental compliance.

Our circularity program transforms this potential liability into an asset. We have moved beyond simple recycling to a holistic total lifecycle management strategy.



The Cradle-to-Grave Chain of Custody

Our responsibility does not end when a server is unplugged. We enforce a rigorous chain of custody for every piece of hardware that exits our facilities.

- **Security First:** Circularity begins with data protection. Every drive is wiped or physically destroyed in compliance with NIST 800-88 media sanitization standards before it leaves our control. This ensures that our green efforts never compromise our security promise.
- **Zero Landfill Approach:** We maintain a strict policy for landfill waste. Through our partnership with [e-Stewards-certified recyclers](#), we ensure that 100% of our electronic waste is processed through secure, auditable channels, preventing the illegal export of hazardous materials to developing nations.

Extending the Value Cycle

True circularity is not just about recycling; it is about extending utility.

- **Internal Reuse:** Our engineering teams use predictive analytics to identify hardware that can be repurposed for lower-intensity workloads or test environments, deferring the carbon and capital costs of manufacturing replacement units.
- **Material Recovery:** When hardware reaches the end-of-service stage, we prioritize the recovery of high-value materials — gold, copper, and rare earth elements — returning them to the global supply chain to reduce the upstream pressure for virgin mining.

By treating circularity as an operational discipline, Akamai protects the environment, secures our data, and recovers value from our physical assets.

E-Waste



Proper disposal of electronic waste (e-waste) is a pressing global concern. Today, the [Basel Convention](#) is the world's only legally binding agreement about electronic waste. It prevents industrialized countries from dumping hazardous and household waste on developing countries. With the international importance of the Basel Convention, e-waste recycling is a priority for Akamai's global sustainability strategy. At Akamai, we follow the [Basel Action Network \(BAN\)](#) electronics stewardship known as the

[e-Stewards Standard](#) to support a unified global approach to the Basel Convention.

Through our approach to circularity, we recycle 100% of our e-waste in compliance with all relevant environmental and security standards. At Akamai, we take a responsible approach to end-of-service hardware to ensure that our hardware is recycled in an environmentally sound way, and that any raw materials and potentially hazardous waste are handled with the utmost care.

To meet our goals, Akamai works with certified recyclers globally that adhere to the strict requirements of the e-Stewards Standard. Recyclers adhering to the standard are certified through annual audits that review their alignment to all international and local e-waste laws. The e-Stewards Certification is recognized by the [U.S. Environmental Protection Agency \(EPA\)](#) as an alternative standard to [Responsible Recycling \(R2\)](#).

E-Stewards Standard Guidelines for Enterprises

[The e-Stewards Standard Guidelines for Enterprises](#) provide a rigorous framework for organizations committed to ethical and environmentally sound electronics stewardship. By adhering to these guidelines, enterprises ensure their retired IT assets are managed with the highest levels of data security and social responsibility, eliminating the risks of illegal export or landfilling. The standard includes:

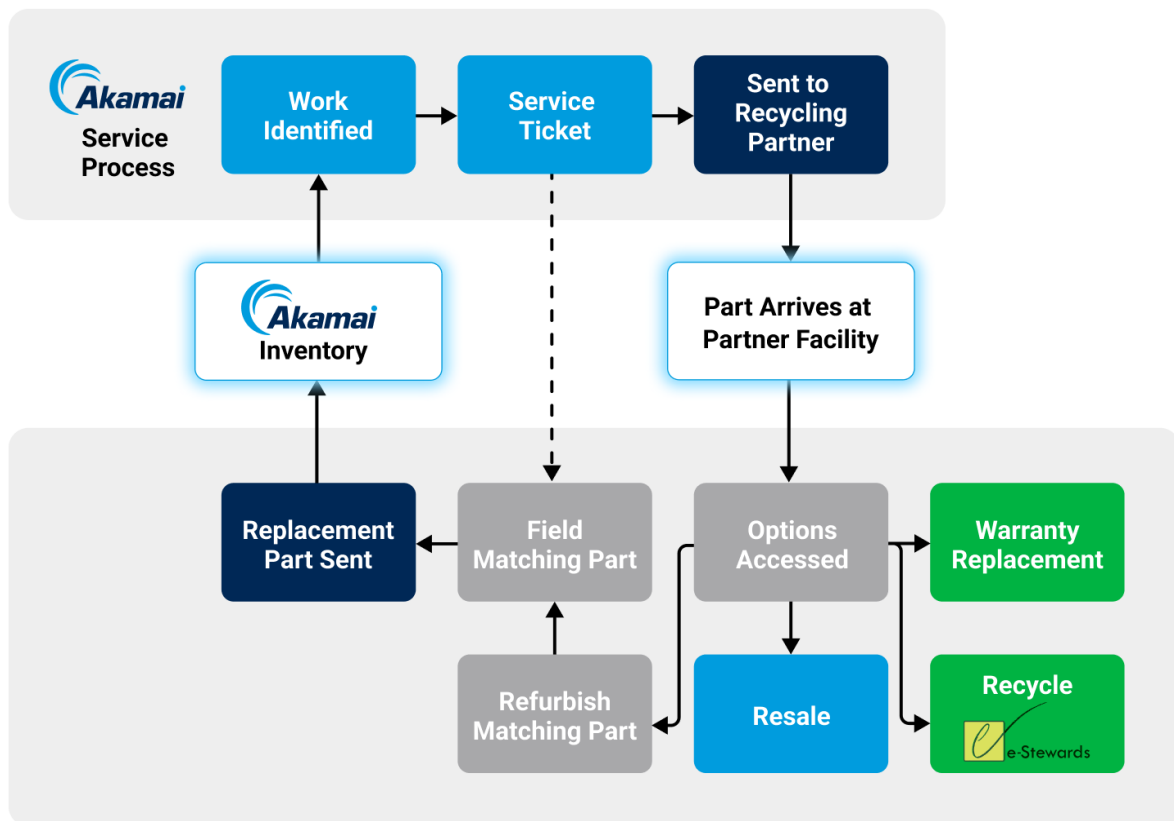
- **Secure Data:** All stored data from all devices will be destroyed and will meet applicable destruction standards.
- **Responsible Downstream Management of All Toxic Materials:** Recyclers must track all toxic materials downstream of their facilities, account for them, and ensure proper management.
- **Legal and Responsible Exports:** Exports of toxic e-waste to developing countries are not allowed, in accordance with international law (Basel Convention).



- **Best Recycling Practices:** Managing toxic e-waste must be done in accordance with best available practices to protect workers and the environment.
- **Ethical Labor:** No child, coerced, or prison labor is permitted.
- **Corporate-Wide Conformity:** Requires that all of the facilities and operations in each country belonging to a company are covered under the certification.

Adopting this standard is not merely a compliance measure; it is a declaration of leadership in the global transition toward a circular economy.

Lifecycle Management



Akamai partners with e-Stewards–certified recycling partners, such as premier partner [NCS Global, a Celestica Company](#), to provide critical lifecycle management services (LMS) for our global operations. The LMS process is a comprehensive approach that enables Akamai to manage our hardware assets throughout their entire lifecycle, building a critical component of circularity from acquisition to disposal.



By implementing LMS across Akamai's operations, we have maximized the value of our hardware assets and increased operational efficiencies in our deployments. One of the critical benefits of LMS is the ability to reuse and redeploy hardware assets that still have a useful life. Instead of disposing of hardware that no longer has a useful life, it is repurposed across our global infrastructure whenever possible. LMS continues to be a valuable tool for Akamai, as it significantly extends the lifespan of our hardware assets.

In addition to efficiencies, implementing LMS across Akamai's operational footprint has proven beneficial in the reliability of our deployed hardware. Akamai can make more informed decisions about when to retire or replace assets by having a comprehensive view of our hardware assets through LMS. This approach helps minimize platform downtime and reduce the risk of prolonged hardware failures.

With our partners like NCS, Akamai remains steadfast in our dedication to achieving our goals of circularity. We will continue exploring innovative ways to positively impact the recycling phases of renew and reuse, and inspire others to join us in this vital mission.

In 2026, our EMS ISO 14001 audits will expand focus to cover our e-waste process, including evaluating opportunities for additional reuse of hardware equipment components.

Water

We recognize the importance of water management across our broader operational footprint, particularly regarding its role in supporting global technology infrastructure. Even in environments where direct management is decentralized, we remain mindful of our water-related impacts and look for ways to align with broader conservation principles. Our approach focuses on understanding our general relationship with this critical resource and supporting responsible water practices wherever feasible.



Because our global footprint spans diverse operational arrangements, navigating water data collection and implementing uniform efficiency measures naturally involves varying levels of complexity. Rather than letting these variables limit our perspective, we utilize available insights to better understand our general water risk exposure and focus our optimization efforts on areas where we can drive the most meaningful alignment.

Water Stress Assessment and Supplier Engagement

To assess our water-related risks, we employ the following approach:

- **WRI Aqueduct Tool:** We use the World Resources Institute (WRI) Aqueduct tool to monitor global water stress, particularly at network deployment locations. The tool helps us identify areas of high water stress and scarcity.
- **Forward-Looking Climate Alignment (AR6):** To anticipate long-term hydrological shifts, we augment our baseline WRI Aqueduct data with the latest climate projections from the IPCC's Sixth Assessment Report (AR6). Integrating these advanced physical risk scenarios allows us to

model future water scarcity trends and ensure our infrastructure planning remains resilient against evolving climate realities.

- **Annual Supplier Assessments:** We assess suppliers to gather data on cooling systems and water consumption at the site level, helping us to further understand local watershed risks.
- **Adaptive Management:** Based on the annual assessment results, we adapt our water management practices in our EMS to address identified risks. Sites and vendors with high water risk are prioritized for engagement and inclusion in our ISO 14001 audit process.

The data captured in both our annual supplier assessment and water stress analysis has allowed us to expand how we approach sustainability in data center procurement. Although Akamai does not have full operational control over many of our network and office locations, we remain dedicated to working with our suppliers to evaluate water risks, prioritize water stewardship, and implement effective water efficiency and conservation practices. We encourage data center and office partners to adopt advanced cooling technologies — such as air, liquid, and hybrid systems — that minimize water consumption.

Water Efficiency Programs

At sites where Akamai has operational control, we prioritize sustainability and have implemented water efficiency programs. Our headquarters in Cambridge, Massachusetts, features an integrated water management system, including rainwater harvesting, which significantly reduces withdrawal from municipal water supplies. Both of our AODCs utilize free air cooling, taking advantage of the cool local climates.

Akamai Water Incubation and Acceleration Programs



A waste water solution developed by a member of the FY25 cohort.

Akamai believes water conservation should be considered a necessity for today's existence and a proactive effort for the future. In line with this conviction, Akamai India's CSR Trust has taken proactive measures to address this critical challenge through their [Water Incubation and Acceleration Programs](#) in partnership with the International Centre for Clean Water ([ICCW](#)).

The Incubation Program supports early-stage startups with mentorship, funding, and access to networks so bold ideas can grow into impactful solutions.

The Accelerator Program helps proven water-tech solutions scale faster and reach communities nationwide by offering technical expertise and strategic partnerships. Since the first program launched in 2020, Akamai has supported 26 novel technologies.

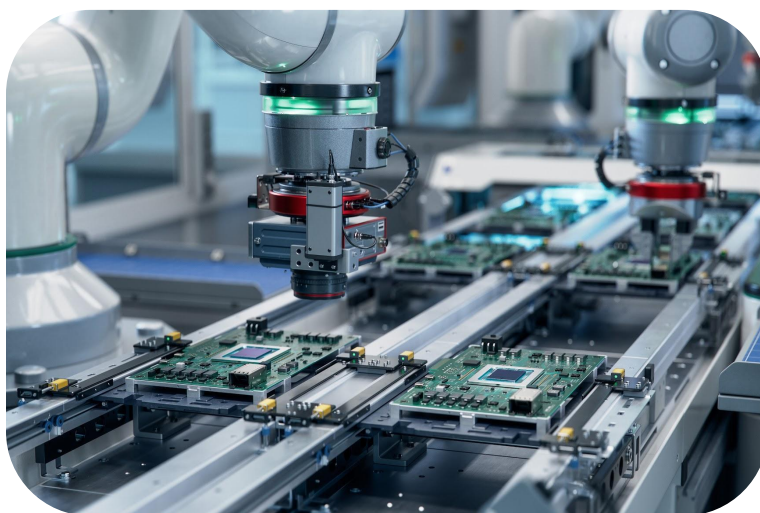
We aspire to minimize our water footprint, safeguarding local water resources, and positively impacting the communities where we operate. We strive to avoid locations facing water scarcity to prevent exacerbating existing challenges. In areas with reliable water sources, we work to minimize our impact on local supplies and promote water conservation. We will continue to manage water-related impacts and risks through our EMS, evolving our practices for water data collection and supply chain water stewardship. To learn more about Akamai's approach to water stewardship, check out our [Water Stewardship Policy](#).

Plastics

At Akamai, we're taking steps to reduce our reliance on plastic across our value chain. This initiative is part of our broader sustainability strategy to minimize environmental impact, especially at the end of our hardware's useful life. By identifying and analyzing the points across the lifecycle where plastics are used, we are better equipped to reduce, replace, or recycle these materials.

Although the use of plastics is crucial in Akamai's server and infrastructure deployments and data center operations, we are dedicated to exploring and incorporating sustainable practices and the use of alternatives when possible. Our direct control over the use of plastics in our operations is currently limited and mainly contingent on the manufacturing processes of the hardware and devices we employ. We continue to align on reducing our environmental footprint as viable mainstream alternatives continue to emerge.

It is also essential to note that Akamai does not directly manufacture products with plastics for consumer use. All of our services are virtual, providing much less plastic for direct consumer use, specifically in the security and network device appliance space.



Scope of Engagement

Our engagement in reducing plastics use includes:

- **Supplier Engagement:** We collaborate with suppliers to understand the types and quantities of plastics used in our products and packaging.
- **Product Design:** We consider the use of sustainable materials during the design phase of our products, aiming to reduce reliance on single-use plastics.
- **Lifecycle Analysis:** We conduct lifecycle assessments to understand the environmental impact of plastics from production to disposal and identify opportunities for improvement.

Supplier Influence

At Akamai, we actively collaborate with our suppliers to reduce plastic waste, especially single-use plastics. We have optimized the packaging for our hardware, using materials other than plastics, such as recycled cardboard for padding, to minimize plastic use while ensuring the safe transport of our servers and hardware to their destinations.

In areas where Akamai can influence the use of plastic, we are working to implement sustainable practices that reduce plastic consumption where possible. Most plastic reduction efforts pertain to the suppliers of the products we procure and how we handle e-waste at the end of a product's useful life.

Our priority to work with suppliers and recycling 100% of our e-waste at the end of its helpful life demonstrates our responsible approach to waste and plastics management. We adhere to the e-Stewards Standard, which is globally recognized as the most rigorous for e-waste recycling. This approach ensures that our e-waste is handled responsibly, focusing on protecting human health and the environment. By adhering to the e-Stewards Standard, Akamai ensures that our e-waste recycling processes, including the processes directly related to the recycling of plastics, are ethical and environmentally sound.

To learn more about Akamai's approach to plastic, check out our [Plastics Policy](#).

Customer Engagement



As the global regulatory environment mandates Scope 3 emissions disclosure, Akamai's role shifts from a service provider to a critical risk-mitigation partner. We are uniquely positioned to capture the ensuing market opportunity.

Each year, more enterprise customers rely on Akamai not just for digital performance, but for governance and continuity. Our industry-leading, granular emissions intelligence empowers customers to manage complex regulatory exposure and

satisfy board-level ESG mandates. We deliver a unique data specificity that ensures audit-ready disclosures and enables customers to tell a verifiable, anti-greenwashing story — a decisive competitive advantage in today's market.

Sales Enablement: Strengthening our Global Expertise

In FY25, we expanded our listening and learning journey into the Asia-Pacific region, engaging directly with customers and employees in Japan, Singapore, and Australia. Building on the insights gained from our EMEA discussions the previous year, we focused on defining Akamai's role as a trusted sustainability partner within these specific local contexts. These dialogues are essential for integrating regional nuance into our global program and empowering our Sales teams to lead informed, relevant

conversations. We are committed to extending this initiative to other geographies, ensuring that our solutions evolve alongside the diverse sustainability needs of our global customer base.

Scope 3 Transparency: The Akamai Carbon Calculator

For modern enterprises, the digital supply chain has historically been seen as a concert of ambiguity around their emissions impact. However, as regulatory frameworks like the EU CSRD and CARB climate rules come more aligned as the everyday standard, the era of ambiguity is over. Our customers will face a new mandate: They must report the Scope 3 emissions of their IT vendors with the same rigor as their own financial results.

Akamai transforms this regulatory burden into a competitive advantage by putting data at our customers' fingertips with the Carbon Calculator and allowing them to dive even deeper with custom emissions reports. We believe that data transparency is the ultimate form of customer service.

The Foundation: Audit-Ready Visibility

We moved beyond simple estimates to build the Akamai Carbon Calculator, a robust analytics engine integrated directly into the Akamai Control Center. This tool converts complex traffic logs into actionable sustainability intelligence, putting edge activity data at their fingertips and allowing customers to quantify the carbon cost of their digital delivery.

Granularity Where It Matters

General averages are insufficient for compliance. Our current architecture delivers the specificity required for sustainability reporting:

- **Geographic Precision:** Emissions are broken down by country, allowing global enterprises to align with local reporting requirements.
- **Traffic Correlation:** We map emissions directly to bytes delivered, providing a clear view of carbon intensity per unit of traffic.
- **Flexible Reporting:** Users can toggle between short-term windows (48 hours) for campaign analysis or long-term horizons (up to 400 days) for annual reporting.

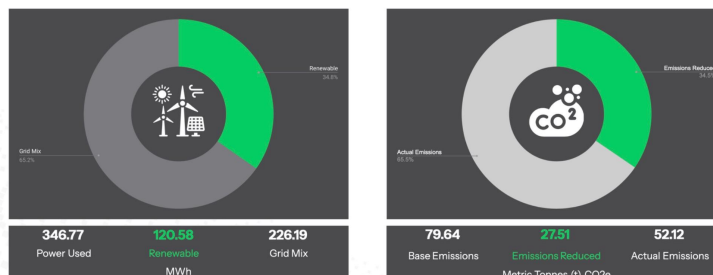
By providing this level of visibility, Akamai transitions from a service provider to a strategic partner in our customers' net-zero journeys.

Custom Emissions Reporting

For global enterprises facing the acute pressure of mandatory disclosure and institutional auditing, generic data visualization is no longer just insufficient — it is a compliance liability.

Akamai redefines accountability with custom emissions reporting — a premium, high-fidelity data service engineered not merely for visibility,

Customer Total Power and Emissions Summary



*Actual emissions output omits Transmission and Distribution Loss

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but for uncompromising regulatory rigor. This indispensable service empowers our top-tier partners to bypass the limitations of standard dashboards and secure:

- **Audit Certainty:** Data granular enough at a country and service level to withstand the scrutiny of the most demanding institutional auditors.
- **Decisive Action:** The precise intelligence required for complex Scope 3 allocation and targeted, high-ROSI decarbonization investments.
- **Global Compliance Lock:** Reporting architecture pre-calibrated to the evolving mandates of global frameworks, guaranteeing a single source of verifiable truth.

Full-Stack Visibility

We provide a unified view that spans the entire Akamai portfolio, eliminating blind spots by aggregating data from both edge delivery and non-edge security services. This is not a generic summary; it is a forensic analysis of your digital footprint.

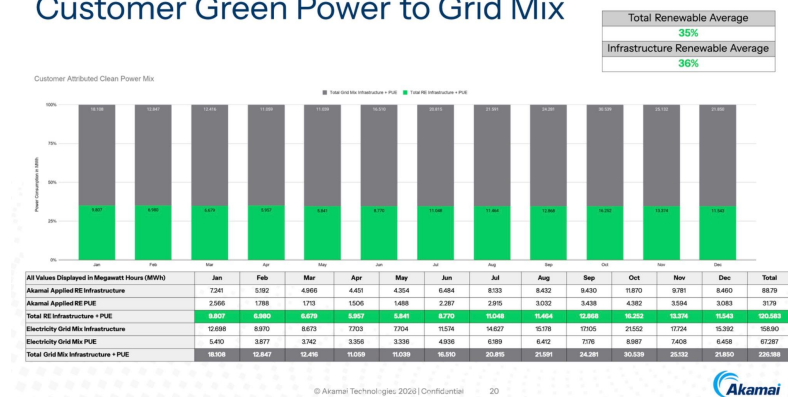
The Data Advantage: From Estimation to Attribution

We empower our enterprise customers to move beyond averages with three levels of forensic granularity:

- **Geographic Precision:** We parse emissions by country and region, allowing multinational corporations to map their digital carbon footprint directly against local compliance requirements.
- **Energy Mix Attribution:** We provide a transparent breakdown of the specific renewable energy mix powering your traffic, distinguishing between grid power and Akamai-procured renewables.
- **Sub-Service Resolution:** We isolate emissions by specific product lines (e.g., API protection vs. content delivery), enabling architects to identify exactly which parts of their stack are driving carbon intensity.

Strategic Integration

Customer Green Power to Grid Mix



We view these reports as a critical bridge to the future of real-time carbon accounting. By integrating this granular data into their own measurement platforms, our customers can model future scenarios, optimize their architecture for carbon efficiency, and satisfy the most stringent stakeholder audits with confidence. Over the long term, we will work to put all of this data at our customers' fingertips by bringing the Carbon

Calculator into full parity with its more detailed peer, providing a single source for all their reporting needs.

The Evolution: Akamai Emissions Intelligence

As global regulatory frameworks reshape the compliance landscape, the standard for corporate reporting is shifting from broad estimates to audit-ready precision. Enterprise customers increasingly require highly specific, verifiable data to satisfy rigorous auditor and board-level demands.

Roadmap 2026

To meet this evolving need, we are actively conceiving deeper Akamai Emissions Intelligence for our customers. We are strategically transitioning away from legacy estimation models, building toward a customizable, API-engineered approach to put decision-grade sustainability data directly at our customers' fingertips.

Currently being prioritized, we anticipate this future capability will leverage detailed moving averages across our global footprint, smoothing short-term volatility to reveal clear, long-term carbon trends within your digital supply chain.

The 2026 Intelligence Stack

- **Enhanced Granularity:** Customers will no longer be limited to aggregate totals. The future console is being designed to allow users to intuitively segment emissions data by specific traffic profiles, geographies, and time frames.
- **Custom Data Pipelines:** Recognizing that every enterprise operates unique reporting ecosystems, we are designing flexible APIs that will enable customers to seamlessly ingest Akamai emissions data directly into their own preferred sustainability management platforms.
- **Energy Transparency:** Beyond carbon metrics, we are working to expose the direct energy consumption (kWh) associated with traffic delivery. This visibility will allow operations teams to track energy intensity and measure the efficiency gains of their digital architectures over time.

Our vision is to transform environmental transparency from a static annual report into an active, on-demand operational capability. By engineering this console to put high-fidelity data directly into the hands of our customers, we are preparing to empower them to manage their digital supply chains with the same operational rigor they apply to their physical infrastructure.

Community Engagement

At Akamai, we recognize that businesses are responsible for working with their local communities and addressing the environmental impact of their operations. We realize that our business operations impact the environment and that our responsibility is to work toward a more sustainable future. Over the past year, we have continued to invest in initiatives to reduce our environmental impact by working with our partners across the globe.

Our Work with Partners

The sustainability team is always seeking ways to reduce Akamai's energy consumption and in turn, help lower our carbon footprint. We have implemented various energy-saving initiatives, such as working with our partners on more efficient data center cooling systems and optimizing our deployment configurations. This work has resulted in emissions reductions, reducing our impact on the grid, and thereby lowering our impact on our local communities where we operate and live. As a member of the global community, we are aspiring to do our part to create a more sustainable future.

We will continue to invest in initiatives to reduce our environmental impact and work with our local communities to promote sustainability.

Akamai is helping to further accelerate this work by funding and participating in the CEBA Data Center Working Group, which aims to drive the adoption of carbon emissions-free electricity solutions in data centers. The group meets monthly to highlight expert speakers, brainstorm solutions, and connect peers working to decarbonize the industry by creating future-read data centers.



Event Highlights

The Akamai sustainability team actively participates in global conferences to create awareness, share knowledge, and foster collaboration to help build a sustainable future for all. The team is involved in positively impacting the environment and society through sustainable business practices and innovative solutions. By attending these conferences, the team gains a deeper understanding of the challenges and opportunities in sustainability, and works toward finding ways to address them. Through these events each year, we work hard to be at the forefront of driving change toward a more sustainable future.

IBC 2025

IBC is an annual trade show that brings together the global media, entertainment, and technology community to connect, showcase, and discover innovations; tackle pressing industry challenges; and explore new opportunities. At the 2025 event, in partnership with [Media Tech Sustainability Series](#) and [Greening of Streaming](#), Akamai helped launch the [Media Climate Accord](#), which unites content creators, broadcasters, studios, vendors, streamers, and infrastructure providers in a common goal: to achieve net-zero emissions by 2040, and to transform the media industry into a beacon of climate innovation, collaboration, and accountability.



At the same event, these three partners piloted a discussion-led forum on setting sustainability goals that are bold, credible, and actionable. This session was geared toward all attendees and helped lay the groundwork for a longer-form version in the future.

New York City Climate Week



During [New York City Climate Week](#) 2025, Akamai participated in the CEBA event and the Japanese Climate Initiative Roundtable, among several other notable events. New York City Climate Week is an annual event that brings together leaders from various sectors to discuss and showcase solutions to climate change. The event features a series of conferences, exhibitions, and seminars focusing on renewable energy, sustainable transportation, and climate finance topics. Climate Week aims to raise awareness about the urgent need to address climate change and inspire action toward a more sustainable future.

CEBA Summit

CEBA Summit is a gathering of CEBA members from across the country and a variety of industries for a week of conversation, collaboration, and discovery as we advance our collective vision of customer-driven clean energy for all. At [CEBA Connect: Spring Summit](#), Akamai contributed to panels, connected to data center partners, and engaged in robust dialogues on the Greenhouse Gas Protocol.



New England Energy Conference & Exposition (NEECE)



[NEECE](#) is a unique event where industry leaders, policymakers, and innovators converged to explore the dynamic landscape of energy in the Northeast of the U.S. This year's theme,

Gridlock or Growth: The Northeast's Energy Evolution, delved into the critical challenges and exciting opportunities facing the region's energy sector. At NEECE25, Akamai participated in a panel focused on energy procurement across New England.

Climate Beacon

[Climate Beacon](#) — New England's premier climate solutions conference — is where leaders and decision-makers come together with experts and practitioners to chart a course to a more livable, sustainable future. At Climate Beacon 2025, Akamai participated in a panel on the future of sustainability in the Commonwealth.



Virginia Solar Summit

The [Virginia Solar Summit](#) is known as the most substantive solar energy event in the space and is respected as the region's premier ground-mounted solar power development conference. At the 2025 summit, Akamai contributed to panel discussions and connected with lawmakers regarding solar best practices.

Sustainability Advocacy

Pennsylvania Reliable Energy Sustainability Standard (PRESS) Legislation

Akamai joined other businesses in expressing public support for Pennsylvania's PRESS legislation, which aims to advance clean energy, foster sustainability, and drive economic growth in the state. This legislation aligns with Akamai's goals of achieving 100% renewable energy and reducing emissions by 2030. Key elements Akamai endorses include:

Clean Energy Infrastructure

PRESS will fund renewable energy projects, making Pennsylvania a regional leader in clean energy and reducing dependence on fossil fuels.

Sustainability Innovation Hub

PRESS proposes a hub to bring together businesses, universities, and government to drive sustainability innovation — an initiative aligned with Akamai's focus on collaborative, climate-focused solutions.

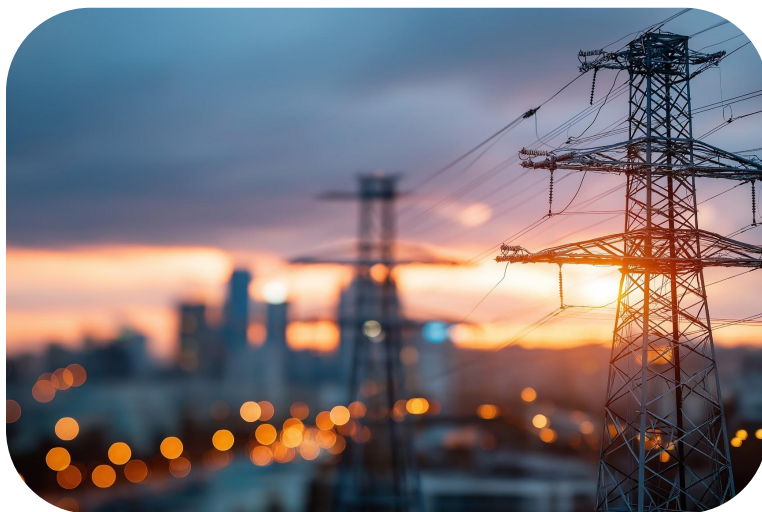
Workforce Development

PRESS will support training programs to build a skilled workforce in renewable energy, with a focus on including marginalized communities.

Corporate Renewable Energy Incentives

The legislation offers incentives for companies to adopt renewable energy, helping businesses lower operational emissions and supporting sustainable growth.

The Customer Case for Grid Modernization in the Southeast



Akamai, along with a coalition of major commercial and industrial energy customers operating in North Carolina, South Carolina, and Georgia, issued a joint statement urging policymakers to modernize the Southeast's electricity grid to better support economic growth and reliability. The group advocated for enabling more voluntary customer investments in clean energy by prioritizing interconnection requests and streamlining siting and permitting procedures, noting that current utility offerings are often

limited or oversubscribed. Furthermore, the coalition advised regulators to minimize the risk of stranded assets by prioritizing market-ready renewables over fuel-dependent resources, mandating

competitive procurement processes for new generation, and exploring regional resource pooling to optimize reliability and cost.

Broad Coalition Supports AB 825 for Regional Energy Market Integration

Akamai, along with a diverse coalition of labor, business, utility, and environmental stakeholders, urged California legislators to pass AB 825. The letter supported authorizing California's voluntary participation in a new independent regional energy organization, a move projected to save ratepayers over \$1 billion annually and reduce grid stress by 40% during critical periods. By integrating with a broader western market while retaining state control over climate policies, the signatories argue the bill will enhance reliability, reduce blackouts, and accelerate the transition to affordable clean energy.

The Clean and Reliable Grid Affordability (CRGA) Act

In late 2025, Akamai joined a coalition of major Illinois employers in expressing public support for the Clean and Reliable Grid Affordability (CRGA) Act (HB4116/SB25 HA002). This omnibus legislation was introduced to modernize Illinois' energy infrastructure, address rising operational costs, and correct the state's trajectory toward its 100% clean energy goals.

Our advocacy prioritizes three strategic outcomes that directly impact our operational efficiency:

- **Cost Control via Technology:** We support the mandate for Advanced Transmission Technologies (ATTs). While traditional transmission lines take an average of 10 years to build, ATTs optimize existing infrastructure immediately. This shift is projected to save the market \$5 billion annually in production costs while doubling renewable capacity.
- **Speed to Market:** Utility interconnection delays currently throttle the deployment of electric fleets. We are championing the Powering Up Illinois provision, which enforces strict timelines for utility energization, ensuring our infrastructure keeps pace with our capital investments.
- **Turning Assets into Revenue:** We are pushing for robust virtual power plant (VPP) programs. These policies will allow businesses to aggregate our onsite energy storage and be compensated for stabilizing the grid during peak hours, effectively transforming resilience hardware into revenue-generating assets.

Modernizing the grid is a prerequisite for our future growth. This framework ensures that Illinois public infrastructure evolves alongside private innovation, replacing market uncertainty with long-term stability. By preparing the grid for increased demand and advanced technologies, we secure the operational resilience required to remain competitive in a decarbonizing economy.

Advancing Our Sustainability Priorities

Our Environmental Management System

Our global environmental management system (EMS) reflects our unwavering focus on excellence and continuous improvement in our sustainability program. Serving as the backbone of our environmental strategy, the EMS integrates our sustainability goals with a comprehensive approach to managing environmental impacts and risks, addressing stakeholder needs, enabling transparent measurement and reporting, guiding leadership and governance, promoting operational best practices, identifying opportunities for improvement, and driving sustainability projects and programs. In the spirit of continuously improving our EMS, we also updated and endorsed our [sustainability policy](#) this year.



Our EMS has received independent group attestation of compliance with the ISO 14001:2015 standard. To meet and exceed the standard's requirements, we have developed robust internal systems for tracking, monitoring, measuring, and reporting, tailored to Akamai's unique operations and designed to support the continuous evolution of our EMS. These tools empower teams across the company to collaboratively drive progress toward environmental objectives while delivering transparency and actionable insights into the company's environmental performance.



The scope of our EMS covers environmental management of Akamai's operational efficiency lifecycle, including strategy and architecture, implementation, operational improvement, and end of service — across data center and office facilities, physical hardware, software, network, capacity, and value chain contributing to greenhouse gas emissions output across Scope 1, 2, and 3. This includes areas beyond our direct operational control and encompasses all of Akamai's global activities across our value chain.

Strategy & Architecture

Strategy development across the design, architecture, engineering, and facility planning process

Efficiency Considerations

Environmental Considerations

Akamai Supplier Considerations

End of Service

Decommissioning of our network hardware and devices to minimize waste

Efficiency Considerations

Environmental Considerations

Akamai Supplier Considerations

Operational Efficiency Lifecycle

Implementation

Implementing efficiency, power, capacity, and value chain management

Efficiency Considerations

Environmental Considerations

Akamai Supplier Considerations

Operation

Continually improving space, power, and hardware usage

Efficiency Considerations

Environmental Considerations

Akamai Supplier Considerations

Developing our EMS in compliance with ISO 14001 was a complex endeavor. Although the ISO standard is designed for application by any organization, we encountered unique challenges given our focus on building, delivering, and securing digital experiences rather than physical goods. To overcome these challenges and build an efficient EMS, we leveraged creativity and innovation to create a system that comprehensively addresses our environmental impact.

The independent audit process for attestation involved thorough evaluations of our EMS processes and site audits to verify EMS effectiveness from our headquarters to the edge. This multiyear effort led to significant improvements and culminated in our initial statement of attestation in 2024. Going forward, we will continue to undergo an annual independent audit process to maintain our ISO 14001 compliance and attestation. Within the framework of the ISO 14001 standard and the ongoing compliance audit process, we continue to challenge the status quo, using pioneering approaches to uncover and address continuous improvement opportunities across the full scope of our EMS.

[Akamai ISO 14001 Attestation Statement 2025–2026²](#)

As the system is maturing, we are developing programs to further engage the business and seek continuous improvement, such as:

- Building a cross-function management review team for EMS decision-making that is in line with the business's strategic priorities.
- Partnering with our environmental health and safety team to align on global frameworks for incident reporting, emergency response, and other intersecting topics.

² Given that our operations reside primarily in colocation spaces that we do not own, we were encouraged by our verification provider to pursue ISO 14001 group attestation rather than certification. The certification process is stringent, while group attestation allowed us to cover the entirety of our operations within the scope of our EMS, rather than only our limited owned and directly controlled physical footprint.

Sustainability Training

As sustainability becomes an even bigger part of the global conversation, we have prioritized listening to and learning from our customers and employees to better understand how we can support them on this journey. In 2024, we used their feedback to launch two new training modules to empower Akamai employees to lead the sustainability conversation with our stakeholders. In FY25, we saw high levels of engagement on both modules during their first full year of availability.

We see these modules as core components of our strategy going forward, as well as evergreen resources. As our listening journey continues, we plan to build and strengthen stakeholder relationships that have become a critical feedback loop for our program. By creating this direct pipeline, we are giving customers and employees a stake in the evolution of our program.

Sustainability Essentials



This module grounds the learner in foundational sustainability concepts and empowers them to engage directly in Akamai's sustainability work. Communicating Akamai's sustainability strategy in a way that is clear, approachable, and directly connected to our everyday lives allows us to meet our colleagues where they are. The module invites all employees to participate in Akamai's climate journey by submitting continuous improvement ideas, reporting nonconformities, and raising awareness. This training is

required annually for all employees and is a vital part of maintaining our ISO 14001 attestation.

Sustainability Stewardship

This voluntary companion module builds on the Essentials course and was developed in collaboration with sustainability champions within the Sales organization. It empowers Akamai Sales teams to bring customers deeper into the discussion by providing the tools and structure to lead sustainability conversations at every stage of the sales cycle. Learners are encouraged to discover their customers' unique needs and



challenges with regard to their sustainability journey, and meet them where they are with tailored data and guidance.

Climate Governance



Akamai has aligned on maintaining strong climate governance structures that ensure accountability, drive sustainability initiatives, and align with global best practices. A key element of this governance approach has been focused on adhering to the recommendations of the TCFD, which has served as a foundation for our climate-related reporting and risk management strategies. As the TCFD will be evolving into the IFRS S1 and S2 standards, we took our first step toward this transition by publishing our [IFRS S2 with TCFD](#) disclosure for

FY25.

Integrating the ISSB Disclosure

Akamai recognizes the recent shift toward the International Sustainability Standards Board (ISSB) disclosures, specifically IFRS S1 and S2. These standards, building on TCFD's foundational principles, represent a new benchmark for corporate sustainability reporting that we are preparing to adopt in the future.

This first step toward transitioning from TCFD to the IFRS standards signifies Akamai's readiness to adapt to evolving best practices in climate and sustainability governance. By supporting an ISSB-aligned disclosure, Akamai will continue to uphold transparency and accountability, leveraging the comprehensive guidance of IFRS S1 and S2 to enhance our climate and sustainability reporting. This shift aligns with Akamai's dedication to responsible corporate governance and underscores our focus on building a resilient, sustainable future for our business and stakeholders.

Akamai's Governance and Transparency Efforts

The TCFD framework has provided a structured approach for companies to disclose climate-related risks and opportunities, covering governance, strategy, risk management, and metrics. Akamai aligned with TCFD to strengthen our climate governance in several ways, and we feel this will be translatable to the IFRS S1 and S2 as we transition.

Transparency in Climate-Related Risk and Strategy

Akamai transparently communicates how we assess and manage climate-related risks, enhancing trust among stakeholders. By disclosing both physical risks (e.g., extreme weather events affecting infrastructure) and transitional risks (e.g., policy shifts toward lower carbon), Akamai demonstrates how climate considerations are embedded in our long-term strategic planning and operational resilience.

Accountability Through Defined Governance Structure

Akamai has established clear oversight responsibilities within our board and executive leadership for climate-related decisions. Regular reviews ensure that climate considerations are integrated into overall business risk assessments, and specific accountability channels are set up to monitor progress against our climate goals. This governance structure also enables Akamai to identify emerging risks and respond proactively, further reinforcing our dedication to responsible corporate governance.

Enhancing Investor Confidence and Meeting Regulatory Expectations

With growing global regulatory interest in climate-related disclosures, we believe IFRS compliance positions Akamai favorably in both U.S. and international markets. Investors increasingly seek robust climate governance as a marker of a sustainable, future-focused company. By aligning with these frameworks, Akamai not only meets investor expectations but also anticipates forthcoming regulatory requirements, including the EU Corporate Sustainability Reporting Directive (CSRD) and similar U.S. and global mandates.

Driving Long-Term Value and Stakeholder Trust

Transparent climate governance is integral to sustaining long-term value. Through our disclosures, Akamai continues to reinforce our priority to address climate change responsibly, which resonates with customers, employees, and communities. Proactively addressing climate risks and reporting progress has helped Akamai to foster stakeholder trust, which we believe is crucial for ongoing business resilience and success.

Continuous Improvement

As Akamai transitions to the IFRS S1 and S2, we reaffirm our alignment with the latest global standards, supporting our mission of robust climate governance and transparency. This evolution reflects our leadership in sustainability and readiness to meet the changing needs of investors, regulators, and the global community.

Forging the Durable Internet

At Akamai, we do not view sustainability as a regulatory tax or a charitable initiative. We view it as the operating system of a durable business. In an era defined by energy volatility, climate risk, and the explosive compute demands of AI, Business as Usual is a strategy for obsolescence.

FY25 was not just a year of reporting; it was a year of proof. We demonstrated that the digital economy does not have to be tethered to the physical constraints of the past.

- **We redefined efficiency** not as a cost-cutting measure, but as the ultimate driver of margin and scale.
- **We redefined transparency** not as a compliance obligation, but as a strategic asset for our customers.
- **We redefined responsibility** not as buying credits, but as actively healing the grid.

The Dividend of Resilience

This report has detailed the mechanics of our strategy, but the outcome is something far greater than the sum of its parts. We are building a resilience engine.

We are constructing a digital substrate capable of supporting the Zettabyte Era. This infrastructure is designed to be lighter, smarter, and fundamentally decoupled from the volatility of the fossil fuel economy. We are insulating the internet that every business that relies on, from the risks of tomorrow.

The Path Forward

As we look toward 2030, our focus shifts from foundation to acceleration.

We are moving beyond the era of doing less harm and entering the era of active displacement. Whether it is empowering our customers with forensic carbon intelligence or defining the next generation of efficient edge AI, our goal is absolute: to sever the link between digital growth and carbon emissions.



We invite our stakeholders not just to watch this transition, but to join it. We are not just powering the internet; we are ensuring it endures.

Akamai. Engineered for the Future.

Partnership

Working with trusted organizations is essential for us to reach our 2030 sustainability goals and make a positive change globally. We are proud to be part of organizations that are working with a shared mission — to create a sustainable and equitable future for the world.



The Future of This Report

As our strategy evolves, the way we communicate must match the agility of our programs. In service of this goal, **this edition marks the final stand-alone version of the Akamai sustainability report.** Next year, we will transition from resource-heavy, static annual publications to dynamic digital transparency.

Our stakeholder visibility will evolve into a streamlined, digital-first approach:

- **The Primary Platform:** Our dedicated microsite, akamaisustainability.com, will serve as our central hub for regular, high-fidelity insights into our ongoing programs and progress that will be updated on a rolling basis.
- **Core Corporate Integration:** High-level overviews of our environmental initiatives will remain a core component of Akamai's annual Impact Report, keeping our climate milestones seamlessly woven into our broader corporate narrative.

This transition is ultimately an exercise in operational leverage. By reducing the administrative workflow required to build a stand-alone report, we can redirect our team's energy and corporate capital into active carbon displacement. We are intentionally moving our focus from report compilation to expanding and growing our renewable energy footprint in key global markets. This sharper execution model is critical as we drive toward our 2030 goals. Reallocating our efforts to direct grid impact ensures that our investments continue to deliver genuine, measurable impact where the global digital economy needs it most.

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[Legal notices for EMEA countries](#)

For additional information regarding Akamai’s sustainability performance, methodology reports, and key metrics, please visit akamaisustainability.com.

Akamai Technologies, Inc. Engineered for the Future Report — Fiscal Year 2025

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Key Metrics Addendum

Akamai's reporting period covers January 1 to December 31 of each year, unless stated otherwise. The information disclosed in our reporting covers the entire scope of Akamai's business activities, including all subordinate entities and subsidiaries, which also includes acquired subsidiary undertakings, as soon as the appropriate processes and systems are implemented, to enable consistent data collation and Akamai group level consolidation. Our metrics reported below are compiled in alignment with established Greenhouse Gas Protocol (GHGP) standards, and are not fully representative of the consequential accounting logic defined under CLIMATE-2026.

This data is as of December 31, 2025, utilizing a net market-based methodology. Energy and emissions values have been verified by an external independent auditor as of June 10, 2026. For more information on our emissions figures and methodology, please also see our [environmental metrics assurance statement](#).

GHG emissions	Total	Unit
Emissions inventory		
Gross Scope 1 emissions	70	t CO ₂ e
Gross Scope 2 (location-based) emissions	322,800	t CO ₂ e
Gross Scope 2 (market-based) emissions	173,000	t CO ₂ e
Gross Scope 2 (consequential-based) emissions	258,600	t CO ₂ e
Gross Scope 3 emissions	180,350	t CO ₂ e
Gross Scope 3, Category 1: Purchased goods and services emissions	41,600	t CO ₂ e
Gross Scope 3, Category 2: Capital goods emissions	36,600	t CO ₂ e
Gross Scope 3, Category 3: Fuel and energy-related activities emissions	27,000	t CO ₂ e
Gross Scope 3, Category 4: Upstream transportation and distribution emissions	4,700	t CO ₂ e
Gross Scope 3, Category 5: Waste generated in operations emissions	50	t CO ₂ e
Gross Scope 3, Category 6: Business travel emissions	6,900	t CO ₂ e
Gross Scope 3, Category 7: Employee commuting and teleworking (including electricity T&D losses) emissions	14,700	t CO ₂ e
Gross Scope 3, Category 8: Upstream leased assets (location-based) emissions	45,600	t CO ₂ e
Gross Scope 3, Category 8: Upstream leased assets (market-based) emissions	47,700	t CO ₂ e
Gross Scope 3, Category 8: Upstream leased assets (consequential-based) emissions	63,200	t CO ₂ e
Gross Scope 3, Category 13: Downstream leased assets emissions	1,100	t CO ₂ e

Gross GHG emissions (Scopes 1 + 2 + 3)	353,420	t CO ₂ e
Emissions intensity		
Scope 1 and 2 emissions intensity per unit of revenue	0.000041	t CO ₂ e / revenue
Global platform emissions intensity per unit of platform workload	0.000043	t CO ₂ e / PWI
Akamai Cloud emissions intensity per unit of energy consumed	0.20	t CO ₂ e / MWh
Emissions impact activities		
Akamai-caused renewables (VPPAs, direct-supplier electricity contracts)	55,300	t CO ₂ e
Clean energy from data center suppliers	126,300	t CO ₂ e
E-waste recycling and reuse	540	t CO ₂ e
Climate vault allowances	600	t CO ₂ e
Emissions reduction targets		
Reduce 100% of our combined Scope 1, 2 (market-based), and 3 (Category 3 and 8) absolute emissions (compared with our base annual inventory) by 2030	42	% reduction of base annual inventory
Reduce 100% of our combined Scope 1, 2 (market-based), and 3 absolute emissions (compared with our base annual inventory) by 2040	34	% reduction of base annual inventory
Reduce 100% of our combined Scope 1, 2 (consequential-based), and 3 (Category 3 and 8) absolute emissions (compared with our base annual inventory) by 2030	44	% reduction of base annual inventory

Energy	Total	Unit
Energy consumption		
Electricity	1,073,200	MWh
Natural gas	9,000	MWh
Steam	600	MWh
Fuel	40	MWh
Total energy consumed (fuel + natural gas + steam + power)	1,082,840	MWh
Akamai-caused renewables (VPPAs, direct-supplier electricity contracts)	167,000	MWh

Clean energy from data center and office suppliers	388,600	MWh
Total renewable energy consumed (Akamai-caused + supplier provided)	555,600	MWh
Total non-renewable energy consumed (fuel + natural gas + steam + power)	527,240	MWh
Energy intensity		
Energy intensity per unit of revenue	0.000250	MWh / revenue
Global platform energy intensity per unit of platform workload	0.000189	MWh / PWI
Average data center power usage effectiveness (PUE)	1.48	PUE
Clean energy targets		
Power Akamai's global operations with 100% clean power by 2030	52	% clean energy use

Water	Total	Unit
Water inventory		
Estimated water withdrawal	49	ML
Estimated water discharge	19	ML
Estimated water consumption	669	ML

Waste	Total	Unit
Generation		
Estimated office and AODC waste generated	146	t
E-waste generated	287	t
Total waste generated	433	t
Diversification		
E-waste recycled	287	t
Estimated office and AODC waste recycled	44	t
Estimated office and AODC waste composted	7	t
Estimated total waste diverted (office + AODC + e-waste)	338	t
Disposal		
Estimated office and AODC waste disposed	95	t
E-waste disposed	0	t

Estimated total waste disposed (office + AODC + e-waste)	95	t
E-waste recycling targets		
Divert 100% of Akamai's global electronic waste through reuse and recycling by 2030	100	% diversion of e-waste
Coverage		
Percentage of company activities covered by an external EMS certification (ISO 14001)	100	% of activity coverage
Clean energy portfolio impacts		
Public health, ecosystem, and economic impacts		
Years of life saved	129	disability-adjusted life year
Species saved	0.45	potentially disappeared fraction of species
Economy-wide savings	13.4	\$MM

See additional information regarding our metrics at akamaisustainability.com.