



REPORT

# 2023 Sustainability Report

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# Our Year and Looking Ahead

Dear Valued Akamai Stakeholders,

According to the latest [IEA World Energy Outlook](#), demand for fossil fuels will remain far too high to keep within reach the Paris Agreement goal of limiting the rise in average global temperatures to 1.5°C. This increased demand risks not only worsening climate impacts after a year of record-breaking heat but also undermining the security of the energy system, which was created for a cooler world with fewer extreme weather events. It continues to be clear that businesses need to lead the charge to make deep, rapid, and sustained global greenhouse gas emissions reductions.

As we continue to combat climate change, we must consider all available options that lead to decarbonization. This past year, Energy Attribute Certificates (EACs) received increased criticism regarding their effectiveness in contributing to corporate climate targets. Even with this criticism, it is encouraging to see more companies taking a comprehensive approach to procuring new renewable energy, considering not only the renewable energy itself but also its emissions reduction impact. This trend is much more impactful and can help us achieve our goal of decarbonizing the global grid.

At Akamai, a forward-thinking approach toward sustainability remains a core focus. As a leader in cloud computing, cybersecurity, and content delivery, we work hard each day to make online experiences better for billions of people, trillions of times a day. As an essential fabric of the modern internet, Akamai Connected Cloud plays an integral role in the transition. We continued to remain steadfast in putting emissions first to ensure we are taking the proper steps toward reducing our environmental impact.

With our position in the internet ecosystem, we are reaffirming our commitment to reducing our environmental impact across all Akamai business operations by 2030 with the release of this report. Our 2030 sustainability goals now include all our products across the business. We are focused on achieving five straightforward goals across Akamai Connected Cloud, including:

1. Net-Zero Emissions
2. Build Efficiency
3. 100% Renewable Energy
4. Supplier Engagement
5. Circularity

Throughout this report, we will outline our progress on these goals, how we are mobilizing our people, what we have done over 2023, and what we are doing to make an impact with our emissions-first approach to decarbonizing our operations globally. As we continue to search for ways to reduce our impact, Akamai remains committed to exploring all possibilities to work toward a more sustainable future.

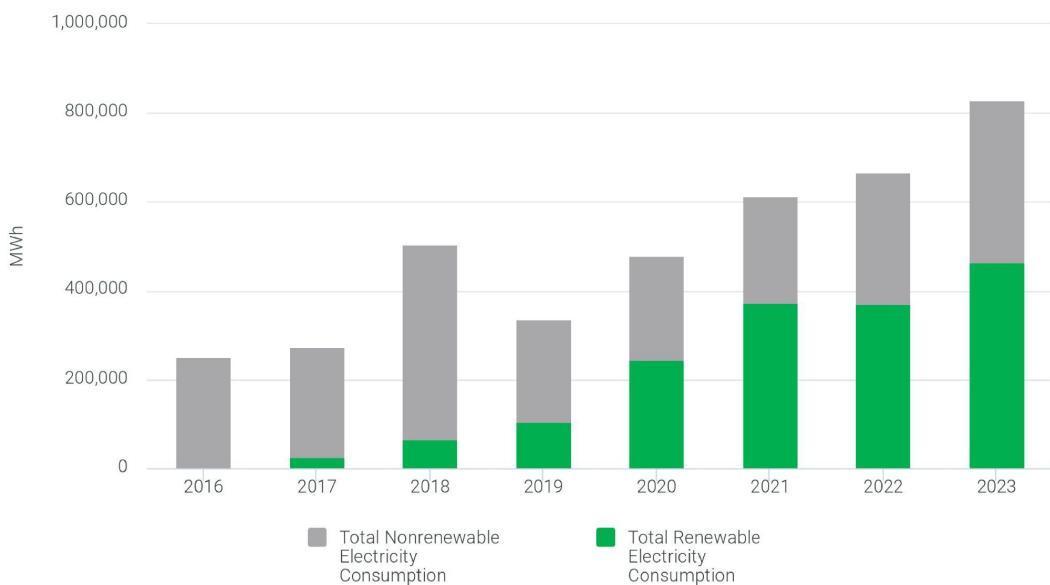
Sincerely,  
**Mike Mattera**  
Director of Corporate Sustainability and ESG Officer



## 2023 Key Metrics

<b>56%</b> Clean Energy	<b>161,813</b> MWh Renewable Energy Caused	<b>1.4</b> Average PUE
<b>160,634</b> MT CO <sub>2</sub> e Abated	<b>30%</b> Scope 1 & 2 Reduction <sup>1</sup>	<b>14%</b> Scope 3 Upstream Leased Assets Reduction <sup>2</sup>
<b>24%</b> Capacity Growth YOY	<b>0.88</b> MWh Per Gbps of Capacity	<b>0.13</b> MT Per Gbps of Capacity
<b>100%</b> E-Waste Recycled	<b>70%</b> Drive Recovery Rate	<b>568</b> E-Waste MT CO <sub>2</sub> e Avoided
<b>77%</b> Strategic Suppliers Taking GHG and Energy Action <sup>3</sup>	<b>990</b> Employees Involved in Green Team Program	<b>116</b> Clean Energy-Powered Data Center Facilities

### Electricity Consumption (MWh) and Renewable Energy Use (%) Over Time

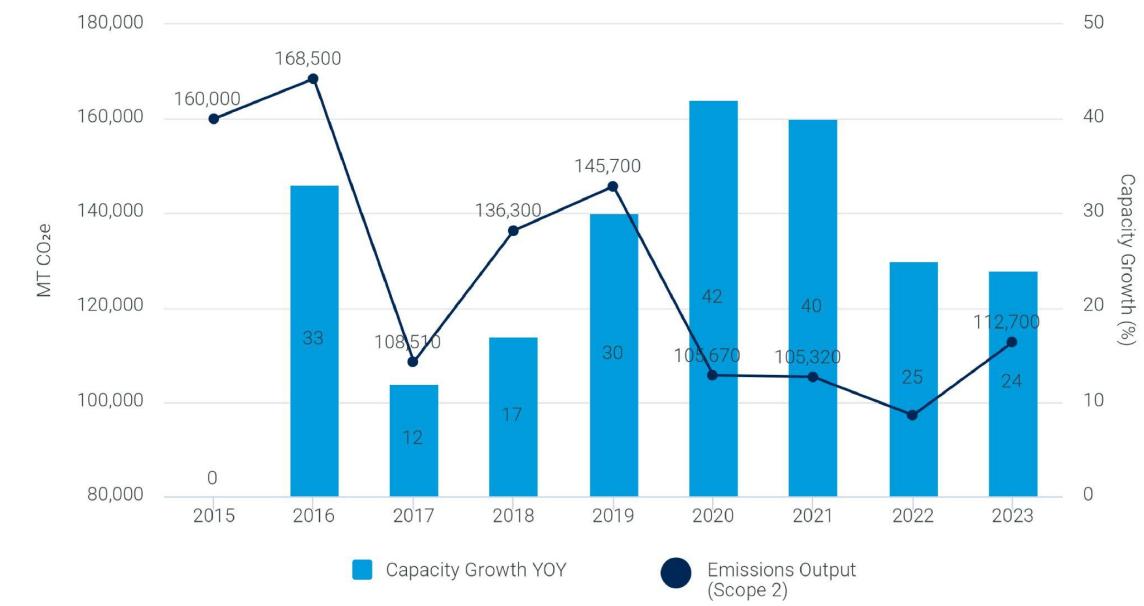


<sup>1</sup> From 2019 Base Year

<sup>2</sup> From 2022 Base Year

<sup>3</sup> This figure represents the percentage of our top suppliers who responded via our supplier rating platform

## Emissions Impact to Capacity Growth (%)



## Net-Zero Emissions

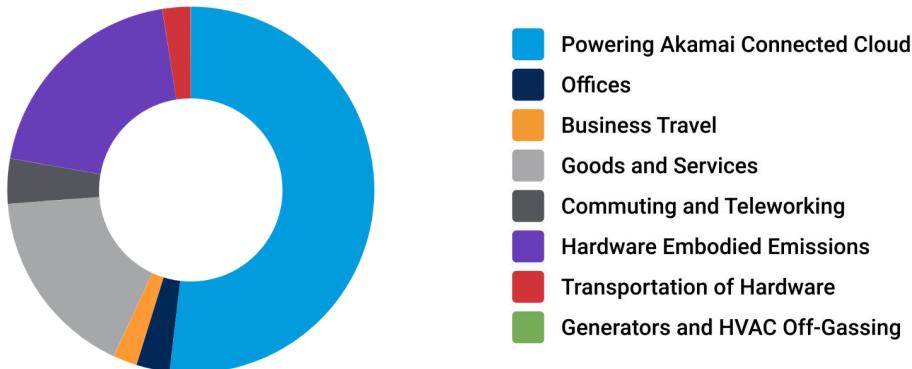


### 2030 Goal: Net-zero emissions across Akamai Connected Cloud

				
Scope 2 Emissions	Scope 3 Platform Emissions	Avoided Emissions	Akamai Connected Cloud Power Growth	Clean Energy-Powered Data Center Facilities
112,701 MT CO <sub>2</sub> e	73,700 MT CO <sub>2</sub> e	160,634 MT CO <sub>2</sub> e	25%	116

Akamai accounts for direct and indirect emissions across our global operations. Services running on Akamai Connected Cloud are deployed across a globally dispersed footprint of servers, switches, routers, and network devices. Our widely distributed footprint brings complexities that make tracking energy consumption difficult due to sometimes-limited data provided by our data center partners. To ensure we are accurately tracking our consumption, we have selected an approach to measure our impact based on the [World Resources Institute \(WRI\) Greenhouse Gas \(GHG\) Protocol](#), a global standard for measuring and managing GHG emissions.

## Proportion of Akamai's GHG Emissions (2023)



## Reaffirmation of Our 2030 Approach

In 2023, we made significant progress integrating our cloud computing business into our sustainability strategy, aligning ourselves with our net-zero and 100% renewable goals for Akamai Connected Cloud. As sustainability is a multifaceted issue, we recognize various paths to achieving our objectives. Our goal is to prioritize reducing emissions while ensuring grid stability. We understand that some approaches may be more effective than others, and we remain dedicated to achieving our net-zero targets for Akamai Connected Cloud by 2030, focusing on emissionality<sup>4</sup>.

Taking an emissionality approach can meaningfully influence our current and future operations. We acknowledge that this approach is a significant challenge toward achieving our goal of becoming net-zero by 2030. From the inception of the Akamai corporate sustainability program in 2009, we have remained committed to pursuing our objectives with integrity regardless of how difficult it is, and we will continue to do so as we move forward.

We are pleased to share that Akamai has successfully closed an additional new renewable energy deal in 2023: Prairie Solar, in Sidney, Champaign County, Illinois – a market known for high emissions intensity. This project will contribute to our ongoing efforts to reduce emissions with an emissions-first lens and work toward achieving our net-zero goal. This purchaser-caused<sup>5</sup> project helps strengthen our U.S. renewable energy portfolio, directly supporting our growth in energy consumption.

As a company, we remain fully committed to achieving our 2030 goals with our cloud computing business now included under the umbrella. We are constantly seeking new opportunities to meet the evolving needs of Akamai Connected Cloud, both presently and in the future. Through 2024, we plan to make further strides toward our objectives by procuring additional renewable energy from responsible sources globally, investing in projects that create and deliver new renewable energy, and implementing credible measures to mitigate and remove carbon emissions across Akamai Connected Cloud.

<sup>4</sup> Emissionality, a term coined by [WattTime](#), is the strategy of identifying the best locations for new renewable energy and choosing projects that maximize beneficial climate impact as measured by their avoided emissions

<sup>5</sup> When an energy customer procures [Purchaser-Caused](#) Bundled renewable energy credits (RECs)

## Science-Based Targets Progress

Akamai is working diligently to finalize our [Science-Based Targets initiative \(SBTi\)](#) under our commitment to [Business Ambition for 1.5°C](#), which is an urgent call to action from a global coalition of United Nations agencies, as well as business and industry leaders, in partnership with the [Race to Zero Campaign](#). The SBTi calls on companies across all sectors and geographies to set science-based, net-zero-aligned emissions reduction targets. Over 2023, the Sustainability team worked diligently to integrate our [infrastructure as a service \(IaaS\)](#) business, [Akamai Cloud Computing](#), into our 2030 sustainability goals.

Under our pending submission, Akamai has elected to combine our Scope 1 and 2 emissions and derive a single science-based target (SBT) following the [Information and Communication Technology \(ICT\) sector method](#), to work to keep the overall trajectory within an ambitious 1.5°C target.

Leading up to 2024, Akamai has developed an emissions-first approach to achieve year-over-year reductions in emissions by 2030 to meet our published net-zero goals for Akamai Connected Cloud. As we continue to integrate the growth trajectory of our cloud computing business, we will continue to combine the best ways to incorporate this into our comprehensive approach to meet our goals under the SBTi. These targets focus on our internal impact, value chain, and broader circularity.

As we integrate our cloud computing business into Akamai Connected Cloud, we will continue to work toward a year-over-year reduction in absolute emissions<sup>6</sup> and will continue to report our progress in our CDP disclosure. Even with the anticipated growth of Akamai Connected Cloud, our approach aligns well with SBTi ICT guidance. Akamai values the importance of aligning our public objectives with the targets established by the SBTi for the ICT sector to secure our prosperity now and in the future.



## Akamai Cloud Computing

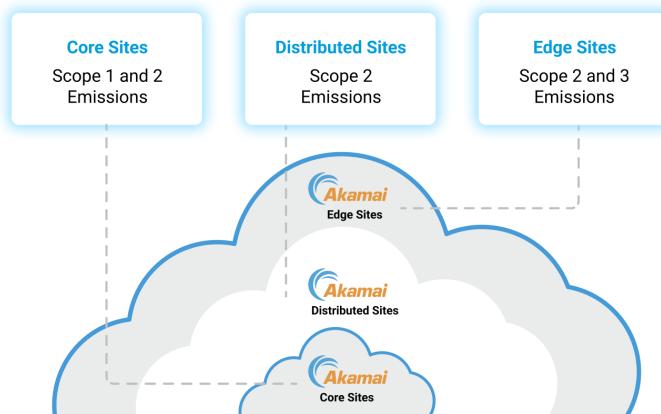
[Akamai Cloud Computing](#) is a cloud-based IaaS platform that allows businesses to run and manage their applications and workloads on the cloud. It offers various services, including computing, storage, and networking, that enable enterprises to scale their operations and infrastructure as needed. Our platform is designed for high-performance computing, with low latency and high-speed connectivity to the internet, with sustainability in mind.

By leveraging Akamai's cloud, businesses can reduce their carbon footprint by minimizing the need for on-premises IT infrastructure and reducing energy consumption by serving content locally to end users, therefore reducing the network infrastructure and power required. We are committed to sustainability and reducing our carbon footprint by utilizing renewable energy sources like wind and solar power. By leveraging the power of Akamai Cloud Computing, businesses can enhance their operational efficiency, reduce costs, and play an active role in global sustainability efforts with an emissions-first approach.

<sup>6</sup> Absolute targets aim to reduce GHG emissions by a set amount

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

## Akamai Connected Cloud Emissions Control Model



The world's most distributed platform for cloud computing, security, and content delivery

Our operational control model breaks down data collection across Akamai Connected Cloud into three distinct measurements:

**Core Sites:** Scope 1 and 2 Emissions

**Distributed Sites:** Scope 2 Emissions

**Edge Sites:** Scope 2 and 3 Emissions

As we anticipate significant growth for Akamai Connected Cloud in the coming years, we are taking a comprehensive approach to evaluating and addressing any potential environmental impact and power consumption concerns. With Akamai Cloud Computing now integrated into our sustainability goals, we have established strategies with an emissions-first approach that aligns with our commitment to environmental sustainability while supporting the growth of this new business segment.

As we work on expanding the Akamai Cloud Computing platform, we are concurrently maintaining the Linode classic sites while we gradually merge the two platforms. To ensure that we keep an accurate record of our emissions impact for what remains of the Linode classic sites, we will report the emissions impact separately until the integration is complete.

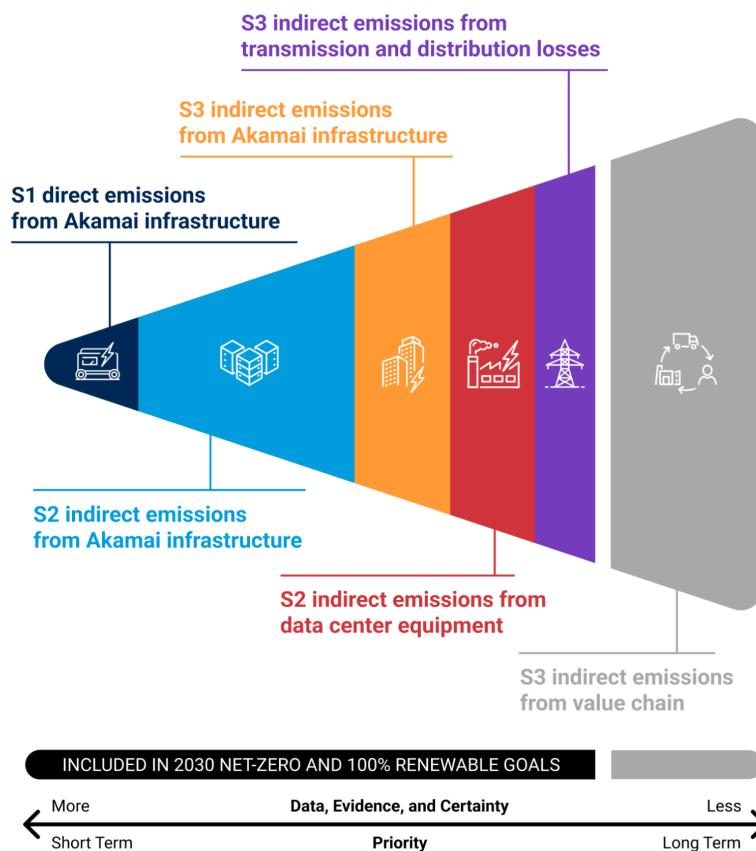
## Operating in Colocation Spaces

At Akamai, we take a broad view of our emissions, including our suppliers and operations under our direct control. Like many companies in the ICT space, our data center colocation footprint makes up a considerable portion of our global operations.

The primary focus of our sustainability program is on tackling energy consumption and emissions stemming from our infrastructure, both direct and indirect. These areas of energy consumption include our owned generators and cooling equipment, IT hardware in leased data centers, and IT hardware in partner spaces where we do not incur costs. Our 2030 Sustainability goals reflect this commitment, aiming for net-zero emissions and 100% renewable energy across Akamai Connected Cloud.

While we prioritize emissions reduction within our control, we also recognize the importance of critical services in paid data center spaces, such as cooling, lighting, and uninterruptible power supplies (UPS), contributing to overall energy usage, also known as Power Usage Effectiveness (PUE). The terms of our contracts with vendors limit our ability to regulate metrics like PUE. In addition, we have been facing specific challenges in collecting the required information from our vendors. Nevertheless, we have incorporated the effects of energy consumption and emissions from our vendors' PUE into our 2030 objectives, which we aim to tackle to support our broader impact.

The graphic below outlines the various areas our 2030 goals encompass and the corresponding proportion of emissions each area represents. As we move forward, we remain committed to further decarbonizing our services and expanding our focus to encompass the broader impacts across our value chain as we work toward our net-zero future.



### Scope 1 direct emissions from Akamai infrastructure:

Akamai owned diesel generators and cooling equipment at our two operationally controlled data centers

### Scope 2 indirect emissions from Akamai infrastructure:

Powering Akamai's IT equipment in leased data centers, as well as powering and energy consumption such as natural gas in our office spaces

### Scope 3 indirect emissions from Akamai infrastructure:

Powering Akamai's IT equipment in non-paid spaces under our upstream leased assets category in our value chain

#### Indirect emissions from data center equipment:

The critical data center services such as cooling, lighting and UPS supporting Akamai's network hardware in leased space where we do not have operational control

#### Indirect emissions from transmission and distribution losses:

Inefficiencies and energy losses occurring from electricity transmission across the global grid where Akamai has operations

#### Indirect emissions from value chain:

All other activities within Akamai's value chain that include the creation, production, distribution, and disposal that support our broader business

### Scope 3 ◀ Typical Operational Control for Colocation



### Akamai Operational Control Approach Under FoIP Guidelines ➤ Scope 2

Akamai uses the Greenhouse Gas Protocol (GHGp) standard to measure and manage our emissions output. According to the base corporate standard protocol, as a customer of a colocation provider, the energy consumption from anything behind the power meter that consumes power (servers, switches, air conditions, UPS) would be classified as a Scope 3 emissions impact for the customer.

As part of our commitment to the Decarbonize Supply Chains Initiative through CEBA, developed under the Future of Internet Power (FoIP), Akamai has taken direct responsibility for our share of energy consumption from all of our platform hardware, as well as our portion of cooling and UPS utilization. By accounting for all of the energy that was once considered Scope 3 for Akamai and is now being accounted for as Scope 2, we can effectively minimize our carbon footprint and contribute to the global effort to reduce greenhouse gas emissions.

This chart details how Akamai takes an expansive view of our operational control footprint when working with suppliers. As a supporter of the [Future of Supply Chain Energy \(FUSE\)](#) CEBA program, under the Future of Internet Power (FoIP) guidance, Akamai takes an innovative approach, including all our leased data center emissions caused by Akamai Connected Cloud into our Scope 2 location-based and market-based measurements. This method helps to ensure that we are focused on our emissions impact even where we do not have direct operational control of the power meter.

As Akamai grows, we plan to continue incorporating environmental considerations into our colocation and global deployment planning in a way that can position us on the leading edge of our market.

Under our current method of accounting, using the traditional GHG Protocol approach, Akamai maintains a database of over 500 global electricity emissions factors and over 200 transmission and distribution loss factors to apply the updated values for each area across the globe where we are consuming power. Accurate measurement is critical to assess the impact of emissions related to Akamai Connected Cloud. As we look for innovative ways to measure our emissions impact, we plan to continue building our database and approach to maintain consistency and precision for our stakeholders.

To track Akamai's progress of achieving Net-Zero emissions and 100% renewable energy, we use energy attribute certificates (EACs) from our renewable energy program to attribute directly to our infrastructure operations first. These infrastructure types such as hardware, switches, routers and DWDMs fall under our Scope 2 and 3, respectively, as defined by the GHGP. Once that is satisfied, we allocate the remaining EACs to cover the electricity consumption of the allotted PUE for our operations. We follow a strategic approach based on transparent and real-time power usage data to prioritize solving the energy needs for which we have detailed accuracy first and foremost.

While we work toward decreasing the impact of emissions across our infrastructure operations, we partner with our data center suppliers to improve the data transparency of our energy usage, encourage detailed emissions accounting, and focus on high-impact, market demand-creating EAC sourcing efforts. We have assumed that data center PUE falls under scope 2 to ensure comprehensive coverage of our renewable energy sourcing efforts. In areas where our data center suppliers are not providing renewable energy sources, especially in areas where we do not have operational control of the power, such as with PUE, we believe it is essential to augment our accounting procedures while working with our data center partners to ensure all customer data remains accurate and readily available for review.

Akamai, along with the support of the [Supply Chain Partner Education](#) program under the [Clean Energy Buyers Association \(CEBA\)](#), has developed solutions for data center services, customers, and providers to collaborate on energy management and clean energy procurement. Akamai and the other members of the CEBA program aim to power the internet with 100% clean energy. We encourage our partners to join the initiative by visiting [CEBA's website to sign on](#).

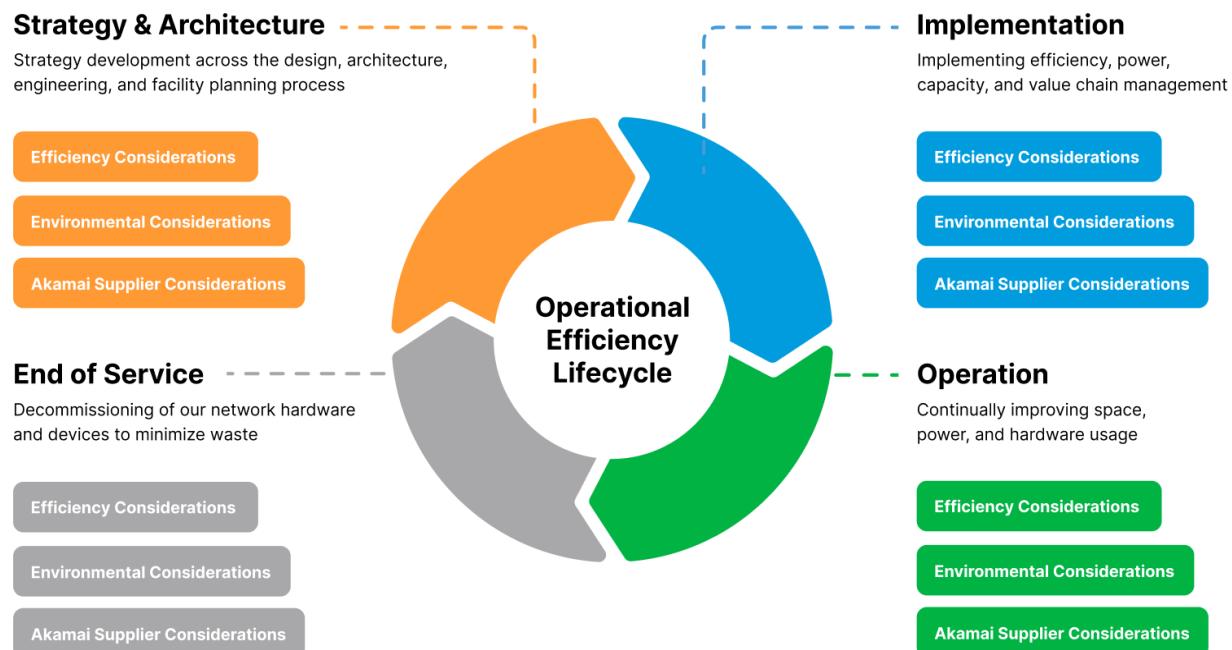
In partnership with CEBA, we have prioritized integrating environmental considerations into the strategic planning process for Akamai Connected Cloud. Through our participation in CEBA, Akamai helped to create a guide of best practices for corporate colocation and cloud procurement and calls for our colocation providers to follow the same principles. As a signatory of [the Corporate Colocation and Cloud Buyers' Principles](#), Akamai supports the following goals:

- 1) **Options:** Provide options for cost-competitive services powered by renewable resources that reduce emissions beyond business as usual.
- 2) **Data:** Deliver monthly data on the colocation customer's direct and indirect energy consumption, water consumption, greenhouse gas emissions, and other environmental data.
- 3) **Incentives:** Align the partnership between customer and service provider, so both parties have an incentive to reduce energy consumption.
- 4) **Collaboration:** Provide options for customer collaboration on efficiency and renewable energy enhancements.
- 5) **Disclosure:** Disclose data for individual sites and total global corporate footprint, as well as site-specific energy sources.
- 6) **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.

## Embodied Emissions Program

In expanding on what we had explored with the [Clean Energy Buyers Institute \(CEBI\)](#) in 2022 under [the Decarbonizing the Industrial Supply Chain \(DISC-e\)](#), the Sustainability team has been working on further developing our embodied emissions program as a part of our Environmental Management System (EMS). Now part of our operational efficiency lifecycle, the program is being further explored under strategy & architecture and implementation phases, as seen in the graphic.



As part of our commitment toward sustainability, Akamai is dedicated to exploring methods to reduce the embodied carbon emissions within our supply chain for Akamai Connected Cloud. We recognize the urgency of this issue and are currently working on a comprehensive approach encompassing several critical stages toward achieving our goal.

1. Work toward enhancing transparency and traceability across the Akamai Connected Cloud supply chain. We are committed to 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 Akamai Connected Cloud.
3. Implement sustainable practices across our operations, such as reducing waste, conserving energy, and promoting sustainable options for Akamai Connected Cloud.
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 Akamai Connected Cloud.

Akamai is working to reduce our carbon footprint and contribute to a more sustainable future by taking a comprehensive and collaborative approach to embodied emissions across our supply chain.

In our annual emissions reporting, we are committed to accurately measuring and reducing our embodied carbon footprint. Our current focus has been calculating the embodied carbon emissions from our hardware and component purchases for Akamai Connected Cloud. However, we acknowledge there is room for improvement and validation when measuring specific embodied emissions. We recognize the impact of purchasing capital goods over their useful life on our emissions output and remain dedicated to working with the industry to achieve greater accuracy in our calculations.

## 100% Renewable Energy

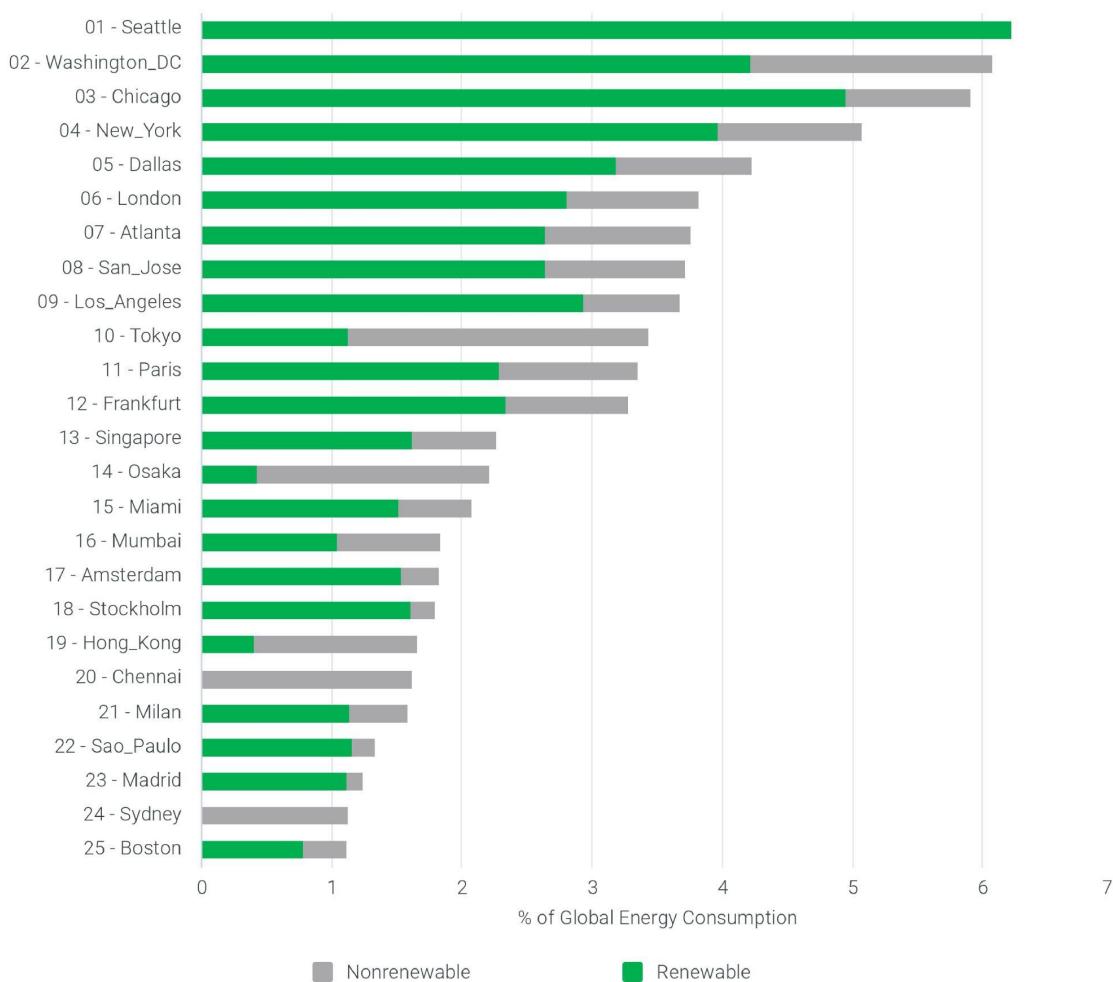
2030 Goal: 100% renewable energy to power Akamai Connected Cloud

				
Total Power Consumed	Average Power Usage Effectiveness (PUE)	Clean Energy from Data Center Partners	Akamai-Caused Renewables	MT CO <sub>2</sub> e Per Gbps Capacity
828,534 MWh	1.4	302,534	161,813	0.13

We aim to power Akamai's global operations with 100% renewable energy. To achieve this, we will continue strategically investing in purchaser-caused renewable energy, such as power purchase agreements (PPA) or virtual power purchase agreements (VPPA). We aim to add net-new renewable energy to the grid whenever possible and obtain bundled and traceable renewable energy credits to align against our operations.

Due to the global footprint of Akamai Connected Cloud, we must rely on energy sources worldwide, including in regions where renewable energy isn't always reliable or readily accessible. Where we can't source purchaser-caused renewable energy or work directly with our colocation partners, we intend to procure renewable power as close to our operations as possible through meaningful utility, supplier, or other market-based options that provide reliable traceability of Energy Attribute Certificates (EACs), such as Green-e certification or those that meet local mandatory compliance standards.

## Akamai Energy Portfolio by Metro

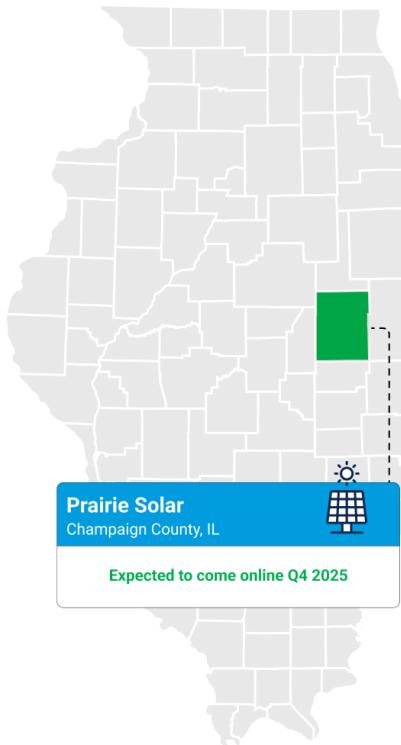


## Our Latest VPPA: Prairie Solar

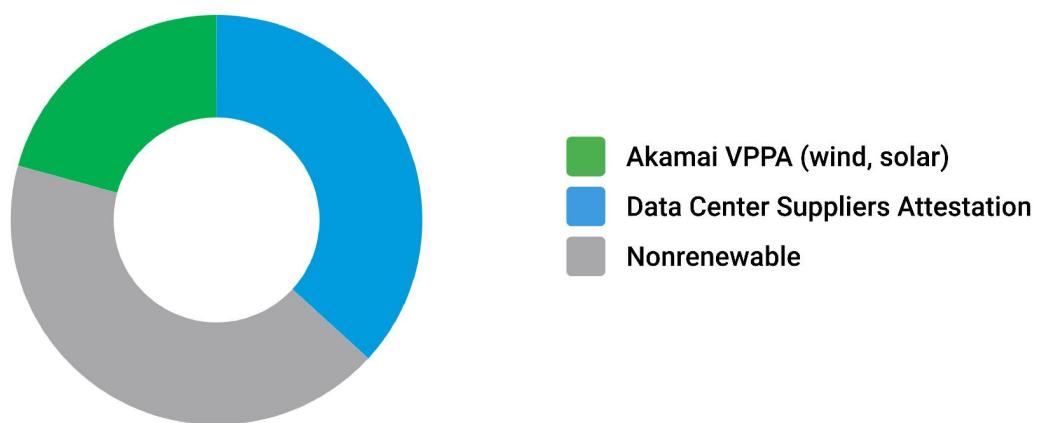
In 2023, in aggregation with Teradyne and Wayfair, Akamai signed a new VPPA to support the development of new renewable energy that will generate power on a carbon-intensive grid in Champaign County, Illinois, on the Midcontinent Independent System Operator (MISO) North. Under our emissions-first approach, we prioritize reducing emissions in the areas across the globe that require it the most. We anticipate that our 30 MW share in this project will generate about 67,000 MWh and help prevent an average of 52,000 m tonnes of CO<sub>2</sub>e emissions annually. Prairie Solar benefits the environment, helps create jobs, reduces the emissions impact for the local community, and adds more renewable power to Akamai's U.S. portfolio. This project is expected to come online in Q4 of 2025.

## Renewable Colocation Partnerships

We work closely with our data center partners, who share our environmental concerns, to ensure that our operations are powered solely by renewable energy sources. As of December 2023, more than 83% of our network deployments are in facilities leased from our colocation partners, who have demonstrated a strong commitment 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 Connected Cloud Renewable Energy Mix



This past year, we have seen our renewable energy footprint remain close to the same. This was mainly due to our data centers providing us with a lower renewable energy mix than anticipated. 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.

Contracting for renewable energy can be daunting. At Akamai, we strive to work closely with organizations like CEBA to provide comprehensive training programs for our partners. [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 experienced industry experts lead some of these training sessions facilitated alongside CEBA staff. The sessions are specifically tailored to meet each participant's unique needs.

## Akamai's Clean Energy Impact

### Locational Marginal Emissions

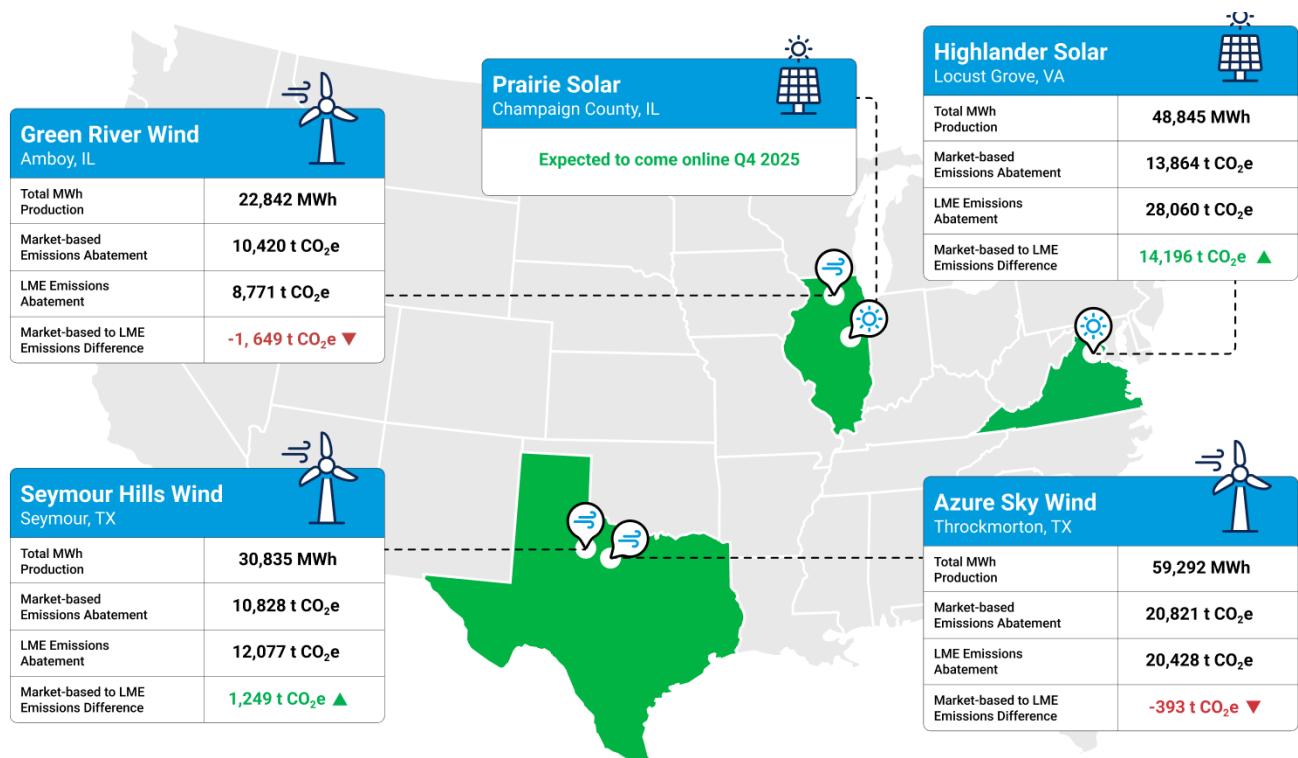
Measuring emissions displacement on a global scale is challenging, mainly because the amount of carbon emissions that a given megawatt-hour (MWh) of clean energy avoids varies widely, even across projects within the same region. To build on our emissions-first approach in 2023, we continued integrating [Locational Marginal Emissions \(LMEs\)](#) into our workstream from [REsurety](#) to track our emissions displacement activities more closely across our active purchaser-caused renewable portfolio.

Under the reporting provided by REsurety, 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 Prices \(LMPs\)](#) 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 LME data that REsurety provides [enables Akamai](#) to calculate the estimated impact of our activities at each location on the grid. LME reports also offer visibility into specific emissions values. For example, they show how much gas or coal is displaced, or how much wind energy is curtailed, due to our activities. These reports also provide insight that helps Akamai evaluate new market opportunities. Using LMEs ensures we focus on locations and technologies that can significantly impact our carbon emissions reduction efforts.

### 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.



The previous graphic highlights each project's total MWh production during 2023. 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.

## Decarbonization Partnerships

### ZEROgrid Initiative

In 2023, Akamai, General Motors, Meta, Prologis, Salesforce, Walmart, and other leading companies joined together with [RMI](#) to launch the [Zero-Emissions Reliability Optimized \(ZERO\) Grid Initiative](#), to accelerate the transition to a zero-emissions grid. ZEROgrid will start by building a holistic framework that defines targeted metrics for engagement and impact, informed by reliability and emissions experts.

Akamai is excited to continue collaborating with ZEROgrid on initiatives to enhance grid reliability and reduce emissions. Together with these leading corporations, we strive to solve some of the most pressing challenges in clean energy procurement, policy, investment, research and development, and operations. By promoting corporate investment in a broader range of [decarbonization and grid reliability activities](#), and defining effective metrics to measure progress, together with ZEROgrid, Akamai is committed to helping achieve its primary goal of driving high-impact corporate action in these crucial areas.

## Emissions First Partnership



## Emissions First Partnership



The [Emissions First Partnership \(EFP\)](#) was created by a group of companies 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.

The Greenhouse Gas Protocol is running a stakeholder process to examine updates to corporate reporting and accounting standards, including the [Scope 2 Guidance](#). One of the many highlights during 2023, the members of the EFP worked diligently on aligning best practice toward an “emissionality” approach, a term coined by our friends at [WattTime](#), to the Scope 2 GHG Protocol updates currently underway. The aim of these updates will be to align with best practice approaches to ensure GHG Protocol standards are effective in providing a rigorous and credible accounting foundation for businesses to measure, plan, and track progress toward science-based and net-zero targets in line with the global 1.5°C goal.

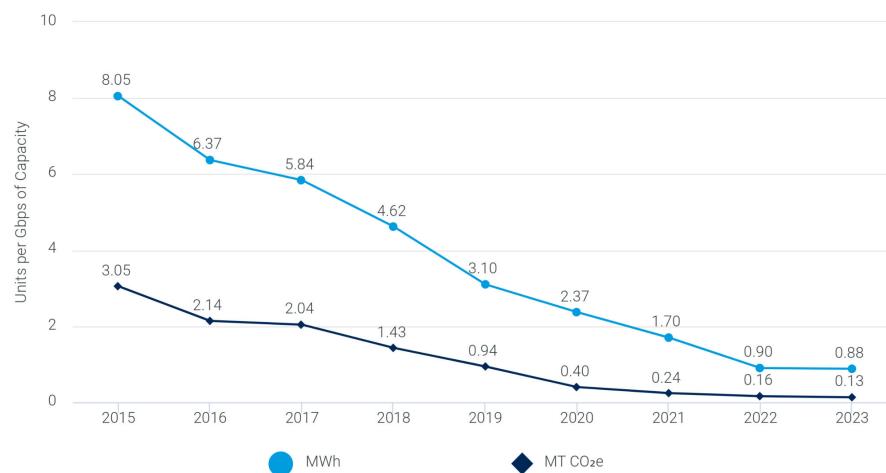
The work carried out with the EFP in relation to the GHG Protocol has been consistent with the core principles on which the EFP was founded. These principles include prioritizing and promoting decarbonization across the grid, encouraging innovation in the emissions data ecosystem, and ensuring transparency and integrity in accounting governance.

We are proud to be a contributor to Emissions First, working among some of the best companies in the world to help curb climate change.

## Build Efficiency

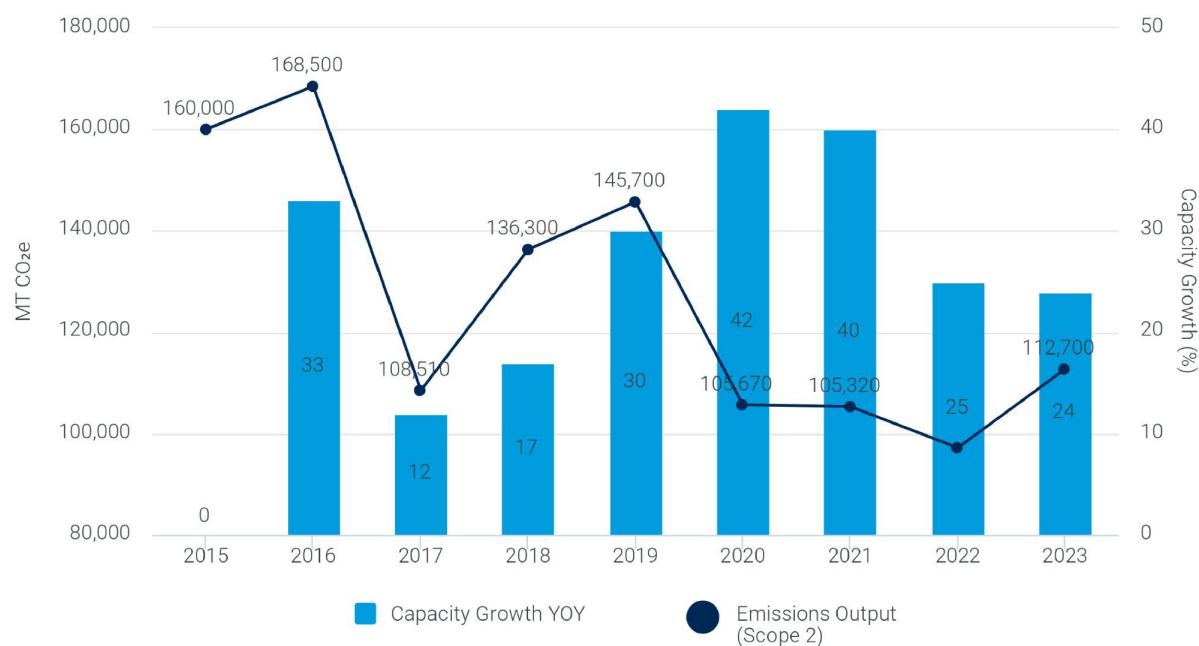
Akamai is a company that takes pride in its world-class team of engineers and architects constantly working toward finding innovative and efficient ways to enhance the performance of Akamai Connected Cloud. With an unwavering focus on delivering cutting-edge solutions that meet the evolving needs of our customers, the team is dedicated to pushing the boundaries of what's possible in our cloud, security, and delivery services computing. Through our efficiency work, our teams are continuously working to improve our services while reducing our impact on the planet through process improvement, software performance, and hardware optimizations.

## Akamai's MWh and CO<sub>2</sub>e Per Gbps of Capacity



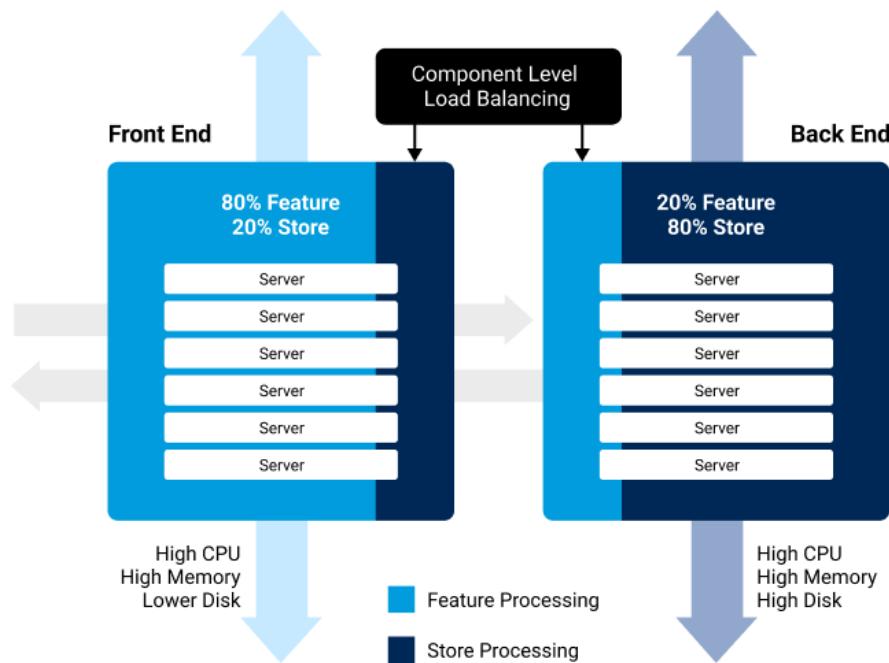
This graph highlights the power and emissions intensity per gigabyte per second of installed network capacity across Akamai Connected Cloud

## Emissions Impact to Capacity Growth



This graph highlights the emissions impact of Akamai Connected Cloud year over year against our platform growth

# Software Efficiency: The Evolution of Split Ghost



Global Host, known to Akamai Engineers as “Ghost,” is the edge software and caching engine that runs Akamai’s underlying services. For several years, Akamai’s Ghost has undergone investigative changes to be reimagined and reengineered into a microservices architecture named Split Ghost. The main aim of this program is to optimize Ghost’s scaling capabilities by streamlining compute and I/O-intensive activities. Implementing Split Ghost will help prevent any potential instances of stranded CPU and disk resources, leading to greater operational efficiency.

Today, the Split Ghost initiative comprises two main projects. The first initiative is aimed at process separation, which is primarily focused on improving the overall scaling and flexibility of the Ghost caching engine. The second body of work seeks to create a region-distributed cache that will redesign how the edge server cache is organized. The distributed cache strives to eliminate capacity fragmentation to efficiently use server capacity, thereby improving content delivery performance while optimizing server capacity utilization.

To break it down, the Split Ghost initiative aims to make content delivery faster while using servers more efficiently. From a sustainability lens, this will help Akamai reduce our long-term energy consumption, lower our emissions impact, and limit the growth of server numbers. The newly designed microservices architecture under Split Ghost is a significant step for Akamai to stay ahead of the competition and provide better client results across all products and services using Ghost today.

# Supplier Engagement

## Responsible Supply Chain Program

At Akamai, we believe in delivering business results the right way. At our core, we value diversity, environmental consciousness, and social responsibility in all our business transactions. We work closely with our suppliers and partners to ensure their operations align with our corporate values. To this end, we collaborate with our suppliers to understand their approach to reducing their carbon footprint, promoting renewable energy, and enhancing overall facility efficiency. Our Sustainability team works closely with our data center, hardware, and network suppliers, advancing clean energy and reducing emissions.

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

Over the past year, we have implemented a new process in collaboration with our data center vendors to capture the renewable energy mix at each facility that hosts Akamai as a customer. While we traditionally receive annual attestations for sites powered entirely by renewable energy, our efforts in 2023 extended beyond those achieving 100%. We documented the energy mix at all sites, noting the origins of renewable energy powering their data centers.

This approach has enabled the Sustainability team to construct a global database capturing the total renewable energy mix powering our IT infrastructure across our deployments. Tracking these details empowers us to collaborate closely with our partners in predicting how our future power requirements will impact their energy mix, and also identifies collaborative opportunities to enhance the renewable energy balance within their data center portfolio.

Currently, we can furnish reports on energy consumption at the server level, enabling us to model future power usage based on the hardware mix deployed per data center. This proficiency equips Akamai to provide customers with detailed metrics on site-specific carbon emissions. More significantly, it enables us to project how these emissions will evolve over time as our global infrastructure scales with an increase in capacity growth.

The heightened visibility into our energy consumption delivers an additional advantage by allowing us to measure the proportion of energy utilized by our hardware and IT equipment versus the amount necessary to maintain optimal cooling and humidity levels. The insight into power usage effectiveness (PUE) in real time across all deployments facilitates changes focused on improving the efficiency of each deployment. This, in turn, leads to enhanced hardware implementation practices and more strategic planning for future growth, especially in locations exhibiting a greater reliance on renewable energy sources.

We look forward to continuing to collaborate closely with our data center partners to help create a decarbonized internet infrastructure.

## Circularity



Circularity is an essential concept for Akamai, as we are committed to reducing our environmental impact and promoting sustainable practices globally. At its core, circularity refers to the idea that resources should be used to minimize waste and maximize efficiency while advancing our long-term sustainability goals and aspirations.



Through our circularity program under our 2030 sustainability goals, Akamai views the work that supports the program not just from a lens of our hardware operating cradle to grave. At Akamai, circularity is a holistic approach to support our goals through lifecycle management, best-in-class e-waste practices, customer and employee engagement, community, events, and public advocacy. Building a circular system is critical to the long-term success of our sustainability program and why it is featured as one of our 2030 goals.

## 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 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.

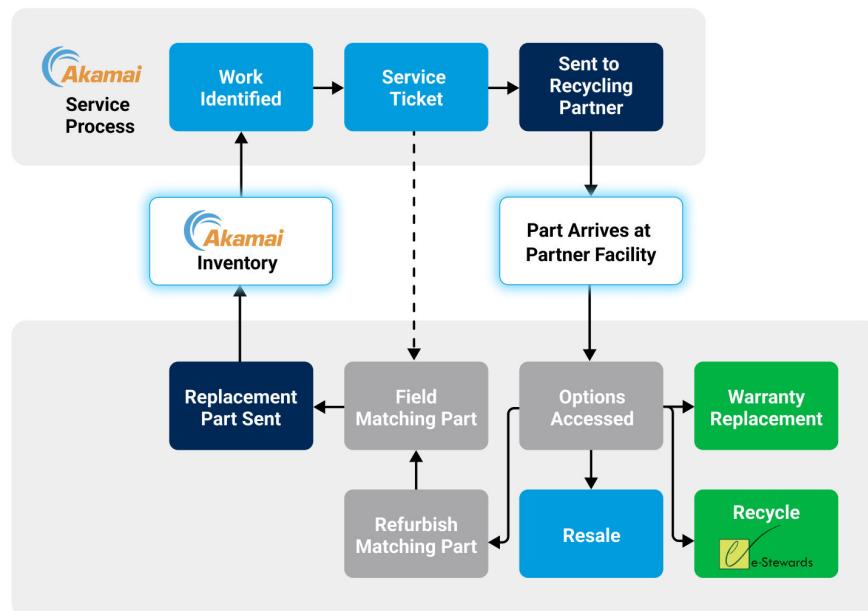
Through our circularity commitment, we recycle 100% of our e-waste in compliance with all relevant environmental and security standards. At Akamai, we take a responsible approach to end-of-service hardware to ensure that our hardware is recycled in an environmentally sound way, and that any raw materials 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 Recyclers Standard](#). Recyclers committed to the standard are certified through annual audits that review their commitment 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**

- **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.

## Lifecycle Management



Akamai partners with e-Stewards–certified recycling partners, such as premier partner [NCS Global](#), 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 Akamai Connected Cloud 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 commitment 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.

## Customer Engagement

As a leader of the modern internet, Akamai plays an enormous role in the climate transition. Each year, more customers look to Akamai to help steward their sustainability journey. Our industry-leading emissions reporting helps customers navigate everything from complex regulatory requirements to sustainability commitments made to their board of directors. We empower customers to tell their story with a unique level of data specificity that is unmatched in the industry. As the regulatory landscape continues to evolve, even more customers will be required to disclose their emissions in the coming years. New regulations in Europe and California, and pending SEC climate disclosure rules, have further underscored the importance of this work and highlighted the need to build capacity beyond the Akamai Sustainability team itself.

In preparation, Akamai is dedicating even more time and resources to scaling our sustainability program in 2024. We will spend the new year listening to and learning from our customers to understand what they really need to meet their commitments. We'll use this feedback to launch a global program that will enable our Sales and Marketing teams with the tools and skills to weave sustainability into every customer interaction. We will also be working to build more efficiencies into our industry-leading emissions reporting, providing the data and thought leadership that make it easier for our customers to tell their sustainability story in the future. By scaling this work, we are building a coalition to both meet the moment and serve our customers over the long term.

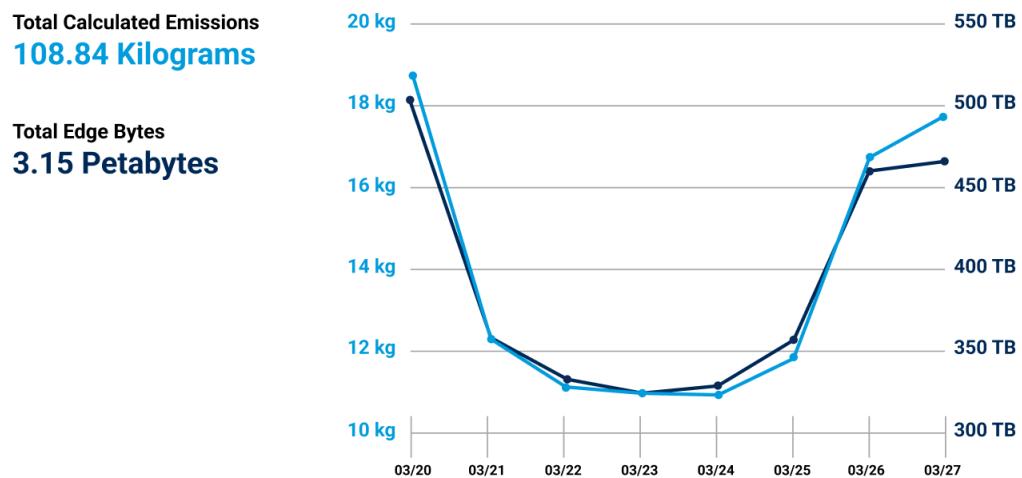
## Akamai Carbon Calculator

Many Akamai customers share our focus on reducing emissions, including those generated by their IT suppliers. That's why we created the Carbon Calculator, a tool that shows an estimated calculation of the emissions produced by an individual customer's actual use of Akamai Connected Cloud delivery and security services.

Integrated into the Akamai Control Center, the Carbon Calculator provides an estimate of the emissions associated with a specific subset of customer traffic for a specified date range, from the past 48 hours to a period of up to three months. Customers can see at a glance the total bytes delivered and the calculated emissions in grams, kilograms, and metric tonnes (m tonnes) of carbon dioxide equivalency (CO<sub>2</sub>e). The information reported by the calculator also provides a view of estimated emissions by country, color-coded by the volume of bytes and emissions, from low to high.

The Carbon Calculator is an innovative tool for meeting our commitment to keeping Akamai customers informed and engaged on the issue of emissions reduction.

## Calculated Emissions and Edge Bytes



## Calculated Emissions by Geography



## Future Akamai Connected Cloud Carbon Calculator

In partnership with the Akamai Data Experience and Analytics team, we are developing a more advanced carbon emissions calculator tool that functions across Akamai Connected Cloud. With our in-depth approach to emissions measurement coupled with our industry-leading analytics expertise, we are working to bring a more customized way for customers to understand their impact on our platform.

At Akamai, we understand emissions impact is a growing concern for individuals and businesses alike. That is why our engineers are creating a solution that considers each customer's specific data needs, vs. building a one-size-fits-all tool. We aim to work on these new and improved features to ensure our customers receive accurate and detailed information about their impact, using our platform. With our advanced measurement approach and more user-focused strategy, our carbon emissions calculator will be a practical tool for customers who seek to understand and ultimately reduce their carbon footprint on Akamai Connected Cloud.

## Community Engagement

### Community

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 and have actively worked with our local communities to promote sustainability, whether through our employee-led Green team or working with our partners across the globe. The sustainability team is seeking ways to best reduce our energy consumption to 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, resulting in emissions reductions, reducing our impact on the grid, and, in tandem, lowering our impact on our local communities where we operate and live.

As a member of the global community, we are committed to doing 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.



## Employee Engagement: The Akamai Green Team

In 2022, Akamai launched the Green team to offer employees the opportunity to participate in our corporate environmental goals and actions. The Green team is led by a board of regional employee leaders – located in EMEA, LATAM, APJ, India, and North America – in partnership with the Akamai Sustainability team and an executive sponsor. Regional leaders are the main program drivers, engaging employees locally through events that align with the Green team pillars of Sustainability, Community, and Giving Back.

The Green team helps drive progress, champion our sustainability goals, increase interest in our environmental work, give back, and create a positive community around environmental stewardship. The Green team currently has more than 1,000 global members, with over 20 employee-led activities in 2023.



In Costa Rica, India, the U.K., and the U.S., the Green team gathered to clean up waste in their local communities. The team also shared strategies to keep waste out of our communities, offering webinars on pollution and waste segregation, and information about upcycling and single-use plastic. In Poland, the Green team took action to repaint forestry infrastructure and educate school-age children about climate change and pollution.

### Case study: Beach Cleanup at Playa Guacalillo



On a mission to revive the most polluted beach in Costa Rica, our team undertook a beach cleanup that would leave a lasting impact. The primary focus: removing as much garbage as possible from Playa Guacalillo. With 50 Akamai colleagues armed with gloves, bags, and a shared commitment to make a positive impact, the team successfully collected and removed a staggering 1.3 tonnes of garbage from the beach – mainly plastic – in just one day.

## 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 committed to 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.

**GreenBiz<sup>23</sup>**

**GreenBiz 23:** Akamai continued the tradition of joining in on the critical discussions at [GreenBiz in 2023](#).

The GreenBiz conference brings together business leaders, sustainability experts, and other stakeholders to discuss the latest trends, challenges, and opportunities in sustainable business practices. The topics covered at the conference included renewable energy, circular economy, sustainable supply chains, and climate change. This conference is considered one of the premier events in the sustainability field and attracts attendees worldwide.

**Ceres Global:** As a [company](#) and [policy network](#) member, Akamai attended and participated in a panel focused on integrating sustainability legislative advocacy across the business at [Ceres Global](#) in 2023. The annual conference brings together investors, business leaders, and sustainability experts to discuss the latest trends and challenges in sustainable business practices. The conference features keynote speakers, panel discussions, and workshops on climate change, renewable energy, sustainable supply chains, and social justice. It aims to inspire and equip attendees with the knowledge and tools they need to drive positive change in their organizations and communities. Ceres Global is a highly regarded sustainability event that draws attendees from all over the world.



**DCD Connect | New York:** [Akamai participated in a panel](#) at Data Center Dynamics (DCD) Connect | New York, an annual conference that brings together data center professionals, industry experts, and



technology providers to discuss the latest trends, challenges, and opportunities in the data center industry. The panel focused on current energy efficiency and sustainability metrics, whether or not they are enough to measure the data center's true impact on ESG reporting metrics, and selecting the right tools for the environment. The broader event featured keynote speakers, panel discussions, and workshops on data center design, energy efficiency, cloud computing, and cybersecurity.

**CEBA Connect 2023:** Akamai Participated in two Clean Energy Buyers Alliance (CEBA) Connect panels, [Maximizing Your Emissions Impact](#) and [How to Make Supply Chain Goals Stick](#). CEBA Connect is an annual conference that brings corporate renewable energy buyers, developers, and service providers to discuss the latest trends, challenges, and opportunities in the clean energy industry. The conference features keynote speakers, panel discussions, and workshops on renewable energy procurement, energy storage, carbon accounting, and sustainability reporting. CEBA Connect aims to provide attendees with the knowledge and tools to accelerate the transition to a clean energy future.



**New York City Climate Week:** During [New York City Climate Week 2023](#), Akamai participated in a variety of events, including sessions around [Best Practices for Messaging the Benefits of Responsible Investing and Business](#), two private carbon dioxide removal (CDR) roundtable discussions, a Nasdaq featured session on [ESG Reporting Metrics and Selecting the Right Tools](#), and a symposium session focused on [Complementing Your Global Net Zero Strategy](#).

In addition to the major events Akamai participated in, Akamai sustainability was also honored at a [closing bell ceremony](#) for the Nasdaq exchange site, recognizing us as climate leaders. 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.

**VERGE 2023:** During VERGE 2023, Akamai participated in two panel discussions covering topics around [How Large Energy Buyers Meet Carbon Reduction Goals While Managing Risk and Budget](#) and [Prioritizing Emissions in Renewable Energy Procurements](#). VERGE is an annual conference that brings together business leaders, sustainability experts, and other stakeholders to discuss the latest trends, challenges, and opportunities in sustainable business practices. The conference features keynote speakers, panel discussions, and workshops on renewable energy, circular economy, sustainable supply chains, and climate change. The event aims to inspire and equip attendees with the knowledge and tools they need to drive positive change in their organizations and communities.



**DCD Connect | Virginia:** [Akamai participated in a panel](#) at Data Center Dynamics (DCD) Connect | Virginia, an annual conference that brings together data center professionals, industry experts, and technology

providers to discuss the latest trends, challenges, and opportunities in the data center industry. The panel focused on current energy efficiency and sustainability metrics, whether or not they are enough to measure the data center's true impact on ESG reporting metrics, and selecting the right tools for the environment. The broader event featured keynote speakers, panel discussions, and workshops on data center design, energy efficiency, cloud computing, and cybersecurity.



## Sustainability Advocacy

As a part of our 2030 sustainability goals, we acknowledge the importance of legislative and public support to achieve our objectives. We aim to support environmental legislation that directly contributes to our broader sustainability efforts. By advocating for sound environmental policy, we know these efforts help us reduce our carbon footprint and promote the development and use of renewable energy close to our operations, while supporting and ultimately minimizing the environmental impact of our operations.

## LEAD on a Clean Economy

[LEAD on a Clean Economy](#) is an initiative launched by [Ceres](#), a nonprofit organization that advocates for sustainability leadership. It aims to mobilize businesses and investors to take action on climate change and promote a low-carbon economy. The initiative focuses on reducing greenhouse gas emissions, improving energy efficiency, and accelerating the transition to renewable energy sources.

The Akamai Sustainability team has been involved in the LEAD (Lawmakers Education and Advocacy Days) discussions each year because the team recognizes the importance of addressing climate change and is committed to reducing its environmental impact. By participating in LEAD, Akamai can collaborate with other businesses and industry leaders to develop innovative solutions to the challenges posed by climate change. Moreover, Akamai's involvement in the initiative helps to demonstrate its commitment to sustainability and responsibility as a corporate citizen.

## Environmental Footprint of Audiovisual Uses

In March of 2023, Arcep and ADEME published the [final volume of their study on the digital environmental footprint in 2030 and 2050](#). The first two volumes of the survey, assessing France's digital ecological footprint in 2020, were published in January 2022.

Arcep and ADEME have also co-led the Technical Experts Committee on measuring the digital environmental footprint for the past two years. In April 2023, the committee analyzed [the gaps observed in the findings of different studies dedicated to measuring the digital environmental footprint](#). In concert with Arcep and ADEME, Arcom launched a survey, expected to be published in 2024, of the environmental impact of the different audiovisual media service distribution systems.

In 2023, Akamai made a comprehensive contribution to this study and provided details on the benefits resulting in the shift from storing, computing, and consuming content on-premises to online storage, computing, and streaming, which has positively impacted the environment when considering the individual infrastructure previously needed. There are sustainable advantages that come from Akamai's edge networks and the role they can play to help reduce emissions and power usage to improve delivery efficiency by delivering content closer to the end user.

## Virginia Business & Policymaker Forum

This past year, Akamai sponsored the Virginia Business & Policymaker Forum in Reston, in partnership with Ceres and Salesforce. This event focused on the opportunities for continued clean energy growth in Virginia. At the forum, business leaders and policymakers discussed the latest trends and developments in the clean energy sector, and the challenges and opportunities that lie ahead.



The forum provided a platform for participants to share their experiences and ideas, and to collaborate on ways to accelerate the growth of the clean energy industry in Virginia. By bringing together key stakeholders from across the state, the forum aimed to promote sustainable economic growth and create a more sanitary, resilient energy system for the future.

## COP28: Global clean energy buyers call for a tripling of renewable electricity capacity by 2030

Investing in renewable energy sources is crucial to achieving our sustainability goals. That's why we participated [in a call for world leaders](#) and Parties to the Paris Agreement to agree on a global target to triple renewable electricity capacity by 2030 at COP28 in 2023. By participating in this call, we hope to



inspire other companies to join us in taking action to combat climate change. Working in partnership with governments and international organizations, companies can play a crucial role in helping the world meet this ambitious goal and accelerate the decarbonization of the global energy system in this critical decade.

## Clean Energy Demand Initiative

Akamai is an active supporter of the [Clean Energy Demand Initiative \(CEDI\)](#) sponsored by the U.S. Department of State. CEDI creates a connected cloud to connect countries and companies seeking to rapidly deploy clean energy to offset electrical demand in their sectors. The initiative is focused on partnering with companies and governments worldwide to expand access to affordable and reliable clean energy; promote regional energy security; decarbonize in line with climate goals; and create open, efficient, and transparent energy markets. In 2023, we signed several CEDI statements and participated in many discussions regarding Akamai's development of renewable energy in countries across the world.

## Our Environmental Management System

In 2023, we made significant progress toward expanding our environmental management system (EMS). Our objective was to enhance our ability to manage environmental risks, identify opportunities to reduce environmental impact, and improve our sustainability program. Following ISO 14001 standards, we have developed our EMS and initiated the third-party verification audit process to obtain attestation that our EMS aligns with the ISO 14001:2015 standard. We are committed to securing external ISO 14001 attestation by the end of 2024 and have complete confidence in attaining this goal.



Developing our EMS in compliance with the ISO 14001 standard was a complex process requiring significant effort. Although the ISO standard is designed to apply to any organization, we encountered specific challenges given our unique business model, which focuses more on providing digital services rather than physical goods.

To establish an efficient EMS, we had to employ our creativity and innovation to devise a system that considers our operations' entire environmental impact, which includes not only the areas where we have direct operational control, but also includes those where we do not. To accomplish this work, we had to expand the scope of our EMS to encompass Akamai's global activities across our entire value chain.

Our EMS is designed to contribute to reducing carbon emissions across our Scopes 1, 2, and 3, as defined in the Greenhouse Gas Protocol corporate standard, critical to achieving our 2030 goals. We have implemented a range of tracking, monitoring, measuring, and reporting systems internally to ensure we meet all aspects of the ISO 14001 standard and to enable us to improve our EMS continuously.

Our Sustainability team uses these tools daily to work toward our environmental objectives. They provide transparency into the team's work and insight into the business's environmental aspects, impacts, risks, opportunities, incidents, compliance obligations, and EMS performance reviews.

With the results we have seen thus far, building a robust EMS was challenging but necessary to pursue our goals rigorously. We are committed to continually improving our EMS and reducing our carbon footprint across Akamai Connected Cloud.

## Building a More Sustainable Future

### Our Commitment

In 2023, Akamai achieved noteworthy progress in our pursuit of becoming a more sustainable company. By revamping our public 2030 goals and now interlinking cloud, security, and delivery under the framework of our objectives, we have exemplified our dedication to pursuing a more comprehensive and all-encompassing approach to sustainability as we march toward the future.

As we move into 2024, Akamai is ready to pursue our goals and aspirations with renewed energy and focus. We will strive to make a meaningful impact in everything we do, whether developing innovative products and solutions for our customers, driving sustainability excellence across our organization, or contributing to our communities. We recognize that achieving our sustainability goals requires a clear and measurable plan of action, so we will continue to refine our strategies and set measurable targets to ensure that we stay on track and deliver results.

With a strong sense of purpose and a dedication to excellence, we are confident that we will reach our goals while contributing to making a positive difference in the world around us.

## Industry Recognition

Akamai is recognized by top partners, NGOs, and environmental organizations globally for our sustainability and ESG program.



FTSE4Good



Member of  
**Dow Jones  
Sustainability Indices**

Powered by the S&P Global CSA

## 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.



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