IoThinkTank | IOT AWARDS

SUSTAINABILITY, HEALTH & AG

IoT Sustainability & Energy Efficiency Award

Powering a Greener Future Through IoT

ENTRY GUIDE

Award details, dates, and past winners: **iothinktank.com/iot-sustainability-energy-efficiency-award/**



About the award

The IoT Sustainability & Energy Efficiency Award recognizes technologies that reduce waste, improve resource efficiency, and support more sustainable operations through connected intelligence. As organizations work to lower costs, reduce environmental impact, and optimize performance, IoT is playing an increasingly important role in making energy use, asset tracking, monitoring, and operations more efficient.

This award honors the platforms, devices, and solutions helping organizations achieve measurable sustainability outcomes. From battery-free sensing and smart building optimization to energy monitoring, intelligent controls, and low-power connected systems, the most impactful innovations combine operational value with environmental responsibility.

Why IoT matters in sustainability and energy efficiency

IoT technologies give organizations the visibility needed to reduce waste, improve energy performance, and make smarter decisions about how resources are used. Connected sensors, analytics platforms, and automation systems can identify inefficiencies in real time, reduce unnecessary consumption, and support more sustainable long-term operations.

Across industrial facilities, logistics networks, commercial buildings, healthcare environments, and infrastructure systems, IoT is helping organizations track usage, optimize performance, and lower total environmental impact. The IoT Sustainability & Energy Efficiency Award recognizes the solutions making this progress possible.

Who should enter

- Energy monitoring and optimization platforms
- Battery-free and energy harvesting solutions
- Sustainable asset tracking and sensing platforms
- Organizations reducing waste through connected systems
- Low-power IoT device developers
- Smart building and facility efficiency technologies
- Environmental monitoring solutions
- IoT technologies improving long-term resource efficiency

Entries are welcome from organizations developing or deploying connected technologies that reduce energy use, minimize waste, improve resource efficiency, or support measurable sustainability outcomes.

What to include

Describe the sustainability challenge, connected technology, baseline and measurement approach, deployment scope, operational integration, and verified environmental or energy outcomes. Explain the solution's technical approach, implementation maturity, integrations, scale, security, reliability, and practical value.

- Quantified improvements in energy savings, peak demand, emissions, water use, waste, renewable integration, cost, resilience, resource productivity, or return on investment
- Deployment details, including locations, devices, users, systems, operating conditions, and implementation timeline
- Customer, client, or end-user identification when the entry relies on a real-world deployment
- Supporting evidence, including case studies, performance data, dashboards, customer validation, images, videos, technical documents, or information URLs
- Any confidentiality, regulatory, embargo, or publicity restrictions

Supporting collateral should make the entry easier to verify and evaluate. Include the strongest evidence available, and clearly distinguish measured results from estimates, projections, or planned outcomes.

Eligibility

The award is open to organizations and individuals developing or deploying connected technologies in buildings, factories, utilities, campuses, cities, farms, transportation networks, energy systems, and other resource-intensive operations. Commercial products, platforms, public-sector programs, research-led deployments, pilots, and customer implementations are eligible when the entry includes enough evidence for meaningful evaluation.

Submitted work should be active, deployed, launched, or meaningfully advanced during the current awards cycle. Entrants may submit their own solution or a customer deployment with appropriate authorization.

Each product, platform, deployment, or project requires a separate submission and entry fee.

How it's judged

Every entry is scored out of 100 on five criteria. This award uses the Product & Technology weighting, so evidence of real-world results counts most.

Innovation & Differentiation	25
Evidence & Measurable Impact	35
Execution & Scalability	25
Category Fit	10
Leadership & Industry Contribution	5

For this award, judges look for

- Innovation in sustainability, energy efficiency, resource optimization, or low-power IoT design
- Measurable impact on energy use, waste reduction, emissions, battery replacement, resource consumption, or operational efficiency
- Scalability across real-world deployments, facilities, assets, sites, or connected environments
- Technical reliability and operational effectiveness in practical IoT use cases
- Environmental responsibility through reduced waste, longer lifecycle design, cleaner operations, or more efficient resource use
- Contribution to sustainable connected systems by aligning operational value with environmental progress

Tips for a strong entry

Lead with the problem and the result.

Open with what wasn't working and what changed because of your solution. Judges should know why it matters by the end of your first paragraph.

Put numbers on it.

Evidence carries the most weight in scoring. Give before-and-after figures, and say which results are measured and which are estimates.

Name the customer.

A real deployment with a named customer is the strongest proof you can offer. If the name can't be published, tell us in writing when you submit.

Show it working.

Case studies, dashboards, screenshots, short videos, and technical documents help judges verify what you describe.

Write for this award.

Explain why your work fits this category specifically. A strong entry for one award can score poorly in another if the fit isn't clear.

Keep it tight.

Clear, specific answers beat long ones. Cut anything that doesn't help a judge understand the solution or its results.

How to enter

1. **Prepare your entry.** Gather the required organization, contact, product, deployment, and supporting information before beginning the application.
2. **Complete the application.** Describe the solution, connected technology, deployment environment, integrations, measurable outcomes, and supporting evidence.
3. **Submit payment.** The entry fee is charged when the application is submitted. Entries are not complete until payment is received.

You can save a draft and finish it anytime before the deadline. Deadlines close at 11:59 pm Pacific.

Current dates and fees

Entry dates and fees change each cycle. Find them, and get an email when entries open, on the award page.

iothinktank.com/iot-sustainability-energy-efficiency-award/

Past winners

2025 WINNER

Minew

Minew was selected as the winner of the 2025 IoT Sustainability & Energy Efficiency Award for its MTB11 Ambient Light Harvesting BLE Tag, a battery-free tracking solution powered entirely by indoor ambient light.

What winners get

- ✓ Recognition across IoThinkTank digital channels
- ✓ Official winner badge
- ✓ Dedicated winners page and newsroom coverage
- ✓ Visibility within the broader IoT community

Entry fees are charged at submission and are non-refundable. Customer or client identity should be included in your submission. If you need names excluded from public materials, notify us in writing at the time of submission. By submitting, you agree to the **Submission Guidelines**, **Privacy Policy**, and **Terms and Conditions**. IoThinkTank Awards are independent and unaffiliated with other award programs. Questions? Contact **awards@iothinktank.com**.