



ENERGY FOR ALL

2025 Impact Report

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Letter From The CEO

In 2025, the demand for dependable, decentralized power reached a critical turning point. For BioLite, this volatile landscape reaffirmed our core mandate: to serve as a singular, trusted beacon for reliable off-grid energy solutions. To meet this challenge, we made the strategic choice to double down on two vital dimensions of energy access - deepening our product expertise and fortifying our global distribution networks.

The hallmark of this transformative year was the acquisition of Goal Zero. By uniting two outdoor industry leaders, we have integrated a wealth of technical knowledge and a shared heritage of innovation. Goal Zero's legacy as a pioneer in portable power stations perfectly complements BioLite's design philosophy, allowing us to offer a more robust portfolio to outdoor enthusiasts and those facing emergency power needs alike.

Simultaneously, we became the majority shareholder of Izili, a premier distributor of solar solutions across Africa. This investment allows us to stabilize a critical delivery network and

broaden our reach to customers in emerging markets, ensuring that life-changing energy access remains consistent despite shifting global conditions.

Through these strategic shifts, we achieved tangible progress toward our mission. To date we have:

- Reached **16.1 million** individuals with safe, reliable energy.
- Avoided **7.6 million** tons of CO2e emissions.
- Saved **\$980 million** in fuel expenses for customers previously reliant on alternatives.

These accomplishments belong to our vast network of partners and customers. Your choice to integrate BioLite into your lives fuels the momentum for lasting change. Together, we are powering onward.

**In Good Energy,
Jonathan Cedar, CEO**



BIOLITE X GOAL ZERO

The Future Of Outdoor & Off-Grid Energy

In spring 2025, BioLite and Goal Zero officially joined forces to become a unified organization. After a decade of being industry peers, we are now partners in a single shared mission: empowering people and protecting the planet through access to renewable energy.

BioLite's known for our award-winning lighting, compact power, and smokeless stoves, while Goal Zero single-handedly pioneered the portable power station market, bringing high-capacity, rugged power to off-grid environments. Together, we now cover the full energy spectrum: lighting, cooking, cooling, power generation, and storage – everything you need to thrive off the grid, whether you're on the trail, at home, or helping others in need.

For the outdoor community, we want our customers and partners to know there is an energy organization dedicated to real-world use, rugged dependability, and a deep respect for the outdoor lifestyle. People rely on us in wild, beautiful, unpredictable places and we feel an especially deep sense of responsibility to develop solutions that meet these real, demanding needs. In a competitive world where products can get real generic, real fast, we are here to deliver style, serious performance, and soul for our customers – and as always, doing so in a way that makes the world brighter and better for everyone.

* A word on this year's impact numbers: after a year of phased integrations, 2026 will be our first fully operational year as a cohesive organization. Our 2025 impact report reflects impact partner stories from both brands but rigorous footprinting from BioLite operations only. 2026 forward will include both BioLite and Goal Zero inputs.



For the full story on our coming together, check out the [Rock Fight podcast](#) with our CEO Jonathan Cedar





OUR BUSINESS MODEL

For every product sold, a person living in energy poverty gains access to safe lighting and charging.



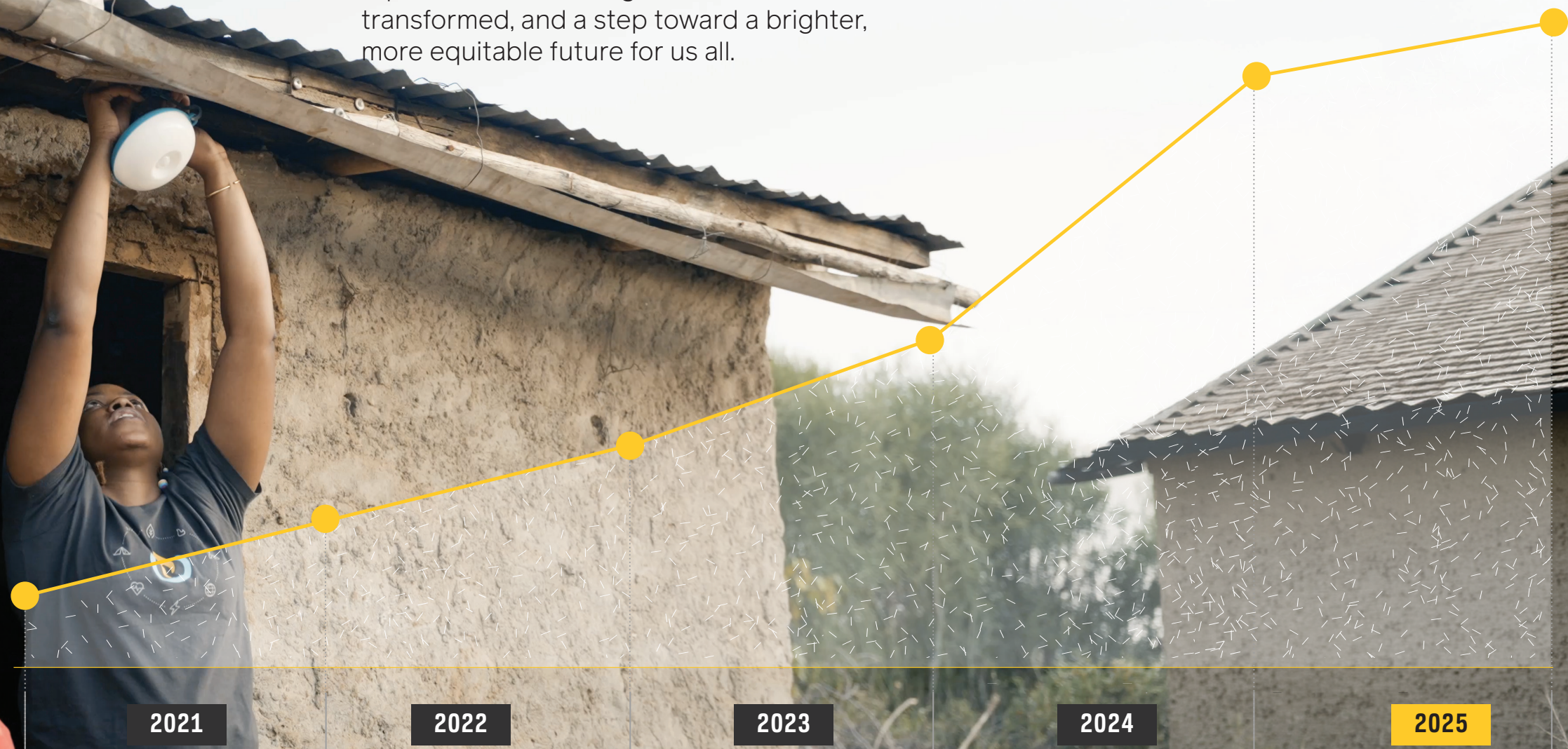
IMPACT BY THE NUMBERS

People With Clean Energy Access

Beyond the hardware and the logistics, our work is about the individuals - the students who can study after sunset, the entrepreneurs launching their first shops, and families who can now follow global news or enjoy evening entertainment together via radio, television and mobile devices.

In 2025, we focused on deepening this impact, ensuring that clean energy isn't just a utility, but a window to the world. By delivering reliable light and power to the world's most vulnerable regions, we are empowering communities to write a new story - one defined by connectivity, safety, and a shared awareness of the world around them. Every one of those 16 million represents a life changed, a household transformed, and a step toward a brighter, more equitable future for us all.

16.1M PEOPLE



| =800K PEOPLE

2021

2022

2023

2024

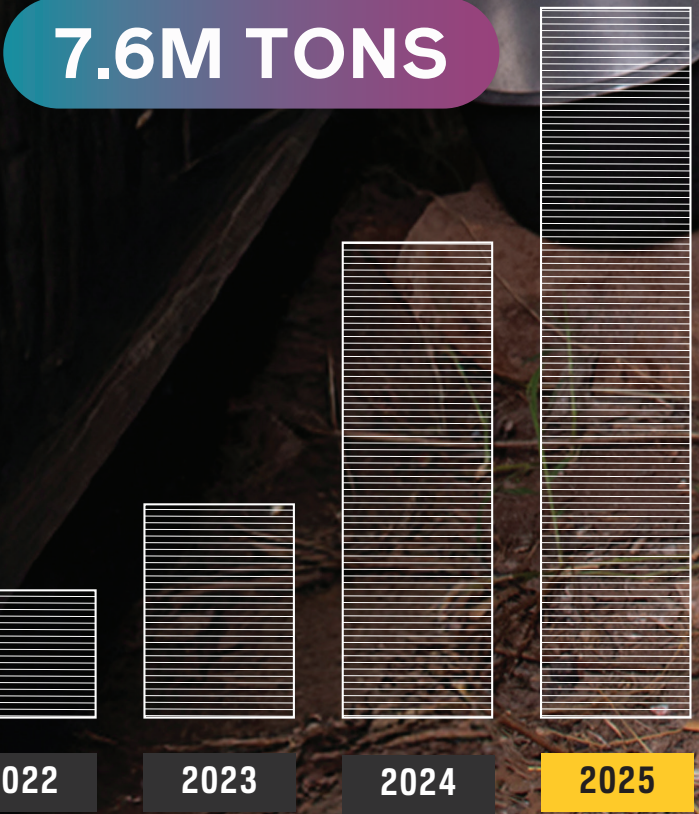
2025

CLIMATE IMPACT

Tons Of CO2e Avoided

For a single household, replacing an open fire with clean-burning technology means a kitchen cleared of toxic smoke and a drastic reduction in respiratory health risks. It transforms a daily necessity into an opportunity for better health, giving families back the time and safety they deserve.

While the benefit is felt immediately at home, the ripples are global. By engineering solutions that burn fuel more efficiently, we are significantly reducing the carbon emissions that contribute to climate change. This year, we continued to scale this vital work, proving that the air we breathe at home is inextricably linked to the health of the planet we share.



FINANCIAL IMPACT

Fuel Savings

For our customers in emerging markets, an investment in a BioLite stove or solar system is a foundation for financial resilience. By transitioning from expensive fuels like charcoal and kerosene to efficient, renewable energy, families reclaim a vital portion of their daily income.

In a world of fluctuating costs, this predictable saving acts as a critical safety net. For an individual living on less than \$4 a day, saving an estimated \$100–\$150 annually is transformative. It represents money saved that allows a family to weather an unexpected medical bill, invest in a child's education, or grow a small business. By lowering the cost of basic needs, we are helping our customers have more control over their hard-earned income and create opportunities for greater health, productivity, and possibility for their home and family.

\$980M

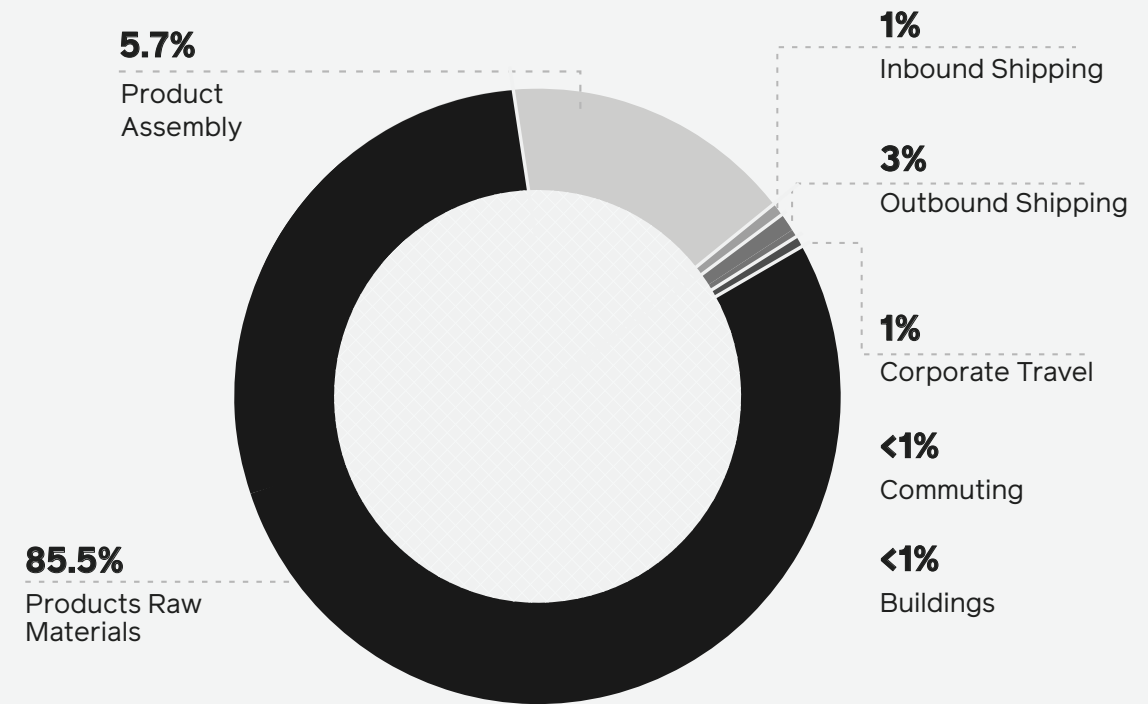


Corporate Sustainability Summary

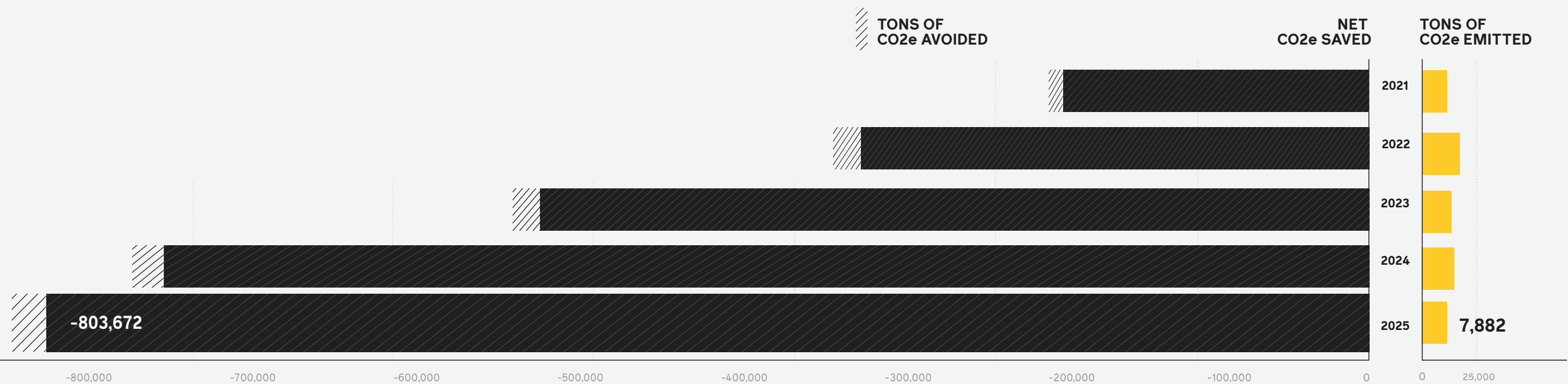
Every year BioLite undergoes a rigorous analysis of our impact, both in terms of the greenhouse gases we emit as well as the greenhouse gases we help avoid through cleaner energy solutions. Learn more about our findings and opportunities for further reduction in our deep dive Sustainability Report.

NOTE: These values are directional but still under review. We expect to release the final totals by the end of Q2 2026.

2025 Emissions By Function



Lifecycle Carbon Impact, Past 5 Years



CUSTOMER VOICES BEING HEARD

60 Decibels Impact Awards

At BioLite, we measure our success by the impact we have on our customers. This year, 60 Decibels, an independent impact measurement firm that conducts studies by speaking directly to end-customers, validated our work.

Named for the average volume of human speech, 60 Decibels provides more than just a snapshot of performance - it offers a deep-dive into the lived experiences of our customers. Utilizing their rigorous Lean Data methodology, 60 Decibels conducts high-touch, one-on-one phone interviews in local languages, often tracking the same households over multiple years.

This longitudinal approach captures the true reality of long-term product impact. In 2025, this research ranked BioLite in the top 20% of the clean energy sector across three critical performance indicators:

Female Reach: Prioritizing energy access for the women who lead their households and manage daily energy needs.



First Access: Reaching families who previously lacked any modern energy alternatives.

Reduced Spending: Ensuring our technology delivers immediate financial relief to those who need it most.

While we take immense pride in our engineering, these honors belong equally to our distribution partners. Their tireless work at the “last mile” ensures our products reach the right people - those who can put savings toward their homes, families or businesses.

“This is real-world evidence that [BioLite’s] work is creating meaningful outcomes for the people you serve, and that you’re setting the standard for impact in your sector.”

60 Decibels

FROM 60 TO ZERO

How the Range Series Eliminated Plastic Through Bio-Based Design

Four years ago, BioLite took a significant sustainability step by reducing the plastic in our headlamp packaging by 60%. However, for the launch of our new Range Headlamp Series in 2025, we challenged ourselves to go further: could we eliminate plastic entirely while maintaining the protection required for the products at retail or when shipped?

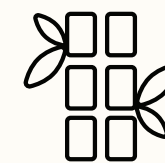
Traditional retail packaging often relies on plastic windows to showcase the product. To solve this sustainably, we moved away from the standard box in favor of a custom-molded paper pulp structure. This approach allowed us to create an organic, fluid shape that mimics the design of the headlamp itself, while still allowing customers to see the fit and finish.

The environmental impact is equally intentional. The packaging is crafted from reclaimed bamboo and sugarcane waste - byproducts that would otherwise be discarded. The result is an almost entirely bio-based solution, proving that the most eye-catching packaging can also be the most responsible.



Sugarcane Pulp

+



Bamboo Pulp



CARBON FINANCING SPOTLIGHT

Connecting Global Goals to Local Kitchens

At BioLite, our goal is a cleaner, healthier world. But there is a massive hurdle: the families who need clean energy the most often live on just a few dollars a day. High-performance technology can feel like an impossible luxury when you're focused on daily survival.

In 2025, we found a way to bridge this gap. Through a financing agreement with the **Spark+ Clean Cooking** fund, we are turning global climate commitments into an incremental improvement in daily cooking for families in Sub-Saharan Africa. Here is how that "bridge" works:

- 1. The Global Need: Companies with a Mission.** Across the globe, nations and businesses are working to meet strict climate goals. To do this, they buy carbon credits - investing in projects proven to reduce emissions.
- 2. The Local Need: Families Seeking a Healthier Home.** In many parts of Africa, families still cook over open fires. It's smoky, unhealthy, and expensive. These families might want a modern, cleaner stove, but the price is often too high to pay all at once.
- 3. The Carbon Bridge: Turning Future Air into Current Energy.** We know our stoves will prevent tons of carbon dioxide from entering the atmosphere

over the next several years. Instead of waiting for that to happen, our partnership with Spark+ allows us to unlock that value today. We use the future value of that cleaner air to lower the cost of the stoves right now.

This means:



120,000 families across six countries can get stoves immediately. In only three years, the investment will pay for itself as carbon savings are verified.

By transforming carbon credits from a complex financial term into a practical tool, we've created a cycle that actually works. We aren't just selling a product; we are brokering a deal where a corporation's climate goal directly funds a family's clean kitchen.

STORIES OF IMPACT



IMPACT ON THE ARCHIPELAGO

Delivering Clean Energy Across the Philippines with Hybrid

The Philippines faces a complex challenge for energy access. An archipelago with over 110 million people, the country confronts both a significant energy access gap — more than 25 million individuals still have no or unreliable access to electricity — and a continued dependence on fossil fuels, which account for approximately 80% of power generation. Since 2021, BioLite has partnered with Hybrid Social Solutions, Inc. (HSSi), an award-winning social enterprise committed to closing this gap by expanding access to clean, reliable energy.

Hybrid's innovative partnership with microfinance institutions (MFI) brings energy solutions directly to communities. Their full-time, trained "Solaristas" meet families in their villages during weekly MFI or savings group meetings, building trust while providing affordable access to BioLite products.

Starting with solar home systems such as provide reliable lighting and phone charging, enabling safer homes, better study conditions, and extended



livelihood activities, while the JikoSafi offers a more efficient, fuel-saving cooking alternative.

Hybrid's dedicated team coordinates an intricate logistics network — boats, jeepneys, tricycles, motorcycles, and even horses — to bring products from Manila to even the most remote communities. Beyond commerce, Hybrid is a mission-driven partner: they collaborate with NGOs to provide disaster relief during typhoons, and their school and church-based programs ensure even the most underserved households are reached.

“At HSSi, we are guided by our commitment to reach the last, the least, and the lost households in off-grid and poor-grid communities that remain underserved yet deserve the same opportunity to flourish. By working with microfinance institutions and technology partners like BioLite, we bring accessible financing, reliable technology, and consistent after-sales support to ensure sustained use and value. In each community we serve, we see this work as a shared calling, helping families strengthen their livelihoods, improve their quality of life, and unlock their God-given potential with greater safety, dignity, and hope.”

Jim Ayala,
Founder and CEO of Hybrid Social Solutions Inc.



Disaster Relief in the Wake of Hurricane Melissa

In October 2025, Hurricane Melissa tore through the Caribbean, proving once again how fragile a community's security becomes when the grid fails. In the dark, flooded aftermath, the challenge isn't just a lack of power - it's the last-mile hurdle of getting help to people who are cut off by collapsed roads and downed lines.

At BioLite, we've learned a fundamental truth over the years: high-performing products only work if they reach the people who need them. Whether we are working in emerging markets or disaster zones, our impact isn't just built on solar panels and cookstoves - it's built on the deep, long-lasting relationships we have with our distribution partners.

These partners are the experts on the ground. They know the geography, they understand the unique needs of their neighbors, and they have the trust required to operate in a crisis. Because we've spent years cultivating these bonds, we don't just "react" to a disaster; we respond with intention and care.

The Network in Action

When Hurricane Melissa hit, our partners were ready to act:

1. Orphan Grain Train leveraged their logistical expertise to distribute over 1,600 Luci solar lanterns.

2. Catholic Charities tapped into their deep community roots to deploy another 1,000 lanterns across impacted regions in the US.
3. B&R Preparedness, Portland Rotary Fund, and Mosaic International used their hyper-local knowledge to identify and light up hundreds of families who might otherwise have been overlooked.

A Luci lantern is more than a utility; in the quiet, difficult nights following a disaster, it is a beacon of hope. By combining our technology with the specialized knowledge of our partners, we ensure that when the path to recovery feels dark, we are there together to illuminate it.



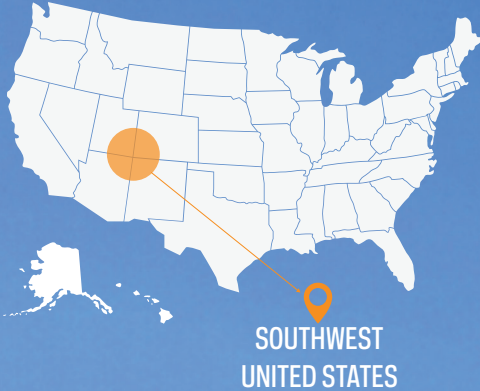
THE CARRIBBEAN



COMMUNITY EMPOWERMENT

Heart of America x Goal Zero

A vital component of Goal Zero's impact legacy is its long-standing collaboration with Heart of America, a national non-profit dedicated to transforming learning spaces and bridging the resource gap for students in under-resourced communities. For nearly 30 years, Heart of America has led the charge in providing essential educational infrastructure, recognizing that a student's ability to learn is inextricably linked to their access to basic resources such as light and power.



As a company rooted in the Intermountain West, Goal Zero has been honored to support Heart of America's efforts within the Navajo Nation. This initiative addresses a profound challenge: thousands of households across these ancestral lands lack a connection to the central power grid, creating a significant barrier to education and modern living. By working alongside Heart of America, Goal Zero helps provide the technology necessary to turn a home into a functional learning environment for students and their families after the sun sets.

The collaboration focuses on deploying robust, large-scale energy solutions. Heart of America identifies the critical needs of students and families, while Goal Zero provides

high-capacity power stations and solar arrays capable of sustaining a household's essential needs. These systems do more than just provide light for evening study; they offer the reliable energy required to power computers for remote learning and keep refrigerators running for food and medicine.

Through this partnership, Goal Zero is proud to support Heart of America's effort to ensure that every student, regardless of their location or proximity to the grid, has the tools they need to succeed. It is a testament to the power of community-led transformation, and we are privileged to play a supporting role in this essential work.



TEAM IN ACTION

Kenya Field Visits

While the impact of our products is seen in our data and reporting, its true weight is best understood in person. Based in our emerging markets headquarters in Nairobi, the BioLite Kenya team is uniquely positioned at the heart of our emerging markets. This proximity allows us to move beyond data points and maintain a direct pulse on the needs of our users - leading to better support and deeper, real-world learnings.

To lean into this advantage, every member of our Nairobi-based team recently completed a series of immersive field visits. Over six months, we traveled from the plains of Samburu Land to the tea fields of Kericho, visiting local partners and witnessing our mission in action.

In these communities, our team was welcomed into homes where customers shared how their JikoSafi stoves have transformed their lives through cleaner kitchens and significant savings. Focusing our efforts on our clean cookstove programs, our team was able to meet with large regional distributors and local shopkeepers alike.

These visits provided more than just insights; they offered a renewed sense of purpose. Seeing a mother cook in a smoke-free kitchen is a powerful reminder of why we do what we do. A heartfelt thank you to the partners and customers who opened their doors - you are the heartbeat of our work.



MEET CÉLESTIN

A Yellow Solar Agent & Luci Pioneer

In the bustling city of Matadi, DRC, Célestin Mbambi is more than just a solar agent; he is a catalyst for community resilience. A pharmacist by trade and a father of three, Célestin joined Yellow Solar in June 2025, quickly emerging as one of the most prolific agents in the country. To date, he has brought clean, reliable energy to over 108 households, with an ambitious goal to double that impact by the year's end. He also remains Yellow's shining "Credit Star", with the best customer repayment track record for their pay-as-you-go devices.

Célestin's success is fueled by Yellow Solar's lean, tech-enabled distribution model, which allows agents to seamlessly manage sales and support in rapidly expanding markets. For Célestin, the work is deeply personal. He possesses a quiet confidence and a firm belief that solar energy is the key to elevating his fellow Congolese community members. "I just need to get out there and show it to them," he shared with our team.

On that visit, Célestin's wife, Madame Mamy, welcomed the team to lunch. The lighting around the living room consisted of solar hanging lights and a fan plugged into a solar home system. In addition, Célestin also now holds a unique distinction: he is the first person in the DRC to own a Luci

Solar Lantern, a small solar product with big potential. By bridging the gap between cutting-edge technology and local trust, Célestin is proving that when reliable power reaches a household, it brings far more than light - it brings lasting social and economic change.



POWERING RESILIENCE

Supporting Our Most Vulnerable Neighbors

In early 2025, Southern California faced a historic challenge as extreme Santa Ana winds fueled the Eaton and Pacific Palisades fires. These blazes became some of the most destructive in state history, forcing the evacuation of 200,000 residents and leaving a trail of more than \$53 billion dollars in damage that triggered prolonged power outages.

For Southern California's most vulnerable residents - the elderly and those with specialized medical needs - a loss of power is not just an inconvenience; it is a life-threatening crisis. When the grid is compromised by extreme weather or grid instability, the need for reliable, immediate backup power and solar recharging becomes a matter of safety and survival.

A Proactive Partnership for Critical Care

Through long-standing collaborations with major utilities like Southern California Edison (SCE), Pacific Gas and Electric (PG&E), Portland General Electric and Avista Energy, Goal Zero has become a cornerstone of the "Critical Care Backup Battery" programs throughout California and the Pacific Northwest. These initiatives are designed to provide a safety net exactly when and where it is needed most.

During the 2025 wildfires, over 50,000 Goal Zero portable power stations and 30,000 Goal Zero portable solar panels were active on the ground. These emissions-free battery and solar systems provided the essential power needed to run life-sustaining medical equipment, ensuring that residents could remain secure in their homes or relocate to safety if necessary, even when the local grid was down due to public safety power shutoff events (PSPS), natural disasters, maintenance or repairs.



Looking Ahead

As we look toward 2026, the progress of the past year has shown us that while the world may be unpredictable, our collective capacity for positive change has never been stronger. We move forward not just with optimism, but with a reinforced infrastructure built to last.

The coming year marks the beginning of a new era for our African distribution through **Izili**. By folding Gotto into the **Izili** network, we have created a powerhouse with a combined of 2,000 dedicated staff members across six markets. This unified team is prepared to take on the complexities of last-mile delivery with unprecedented scale and efficiency.

The first tangible results of this synergy are already in motion: our first shipments of **Goal Zero** technology have landed in Africa. These high-capacity **Yeti 3000X** power stations are currently being staged for distribution by Izili in Nigeria, where they will begin powering homes and small businesses in early 2026. This is just the beginning of how we will continue to bridge the energy gap - combining world-class technology with a deep, human-centered presence.

Together, we are building a future that is not only brighter but undeniably more resilient.





Thank you to our customers who were willing to share their stories and their homes with us.

Thank you to our partners for your continued confidence in our products and our mission.

For more information on the methods and calculations presented, view our full 2025 Environmental Sustainability Report at BioLiteEnergy.com/Impact2025.

