



25 YEARS OF IMPACT



Efficient Appliances for People & the Planet

CLASP is the leading global authority on efficient appliances' role in fighting climate change and improving people's lives.

An international NGO with 25 years of expertise and offices on four continents, CLASP collaborates with policymakers, industry leaders, and other experts to create a more sustainable future for people and the planet.



LETTER FROM CLASP'S CEO, CHRISTINE EGAN

CLASP and our partners are dedicated to solving the world's most pressing, interconnected crises: the climate emergency, poverty, inequality, and access to energy.

Twenty-five years ago, our founding partners—Alliance to Save Energy, the International Institute for Energy Conservation, and Lawrence Berkeley National Laboratory—had a vision for a global entity with a razor-sharp mission. They were driven by the belief that the energy efficiency of the appliances we use every day would increasingly matter to people all over the world, as well as to the well-being of the planet. They also wanted to create an institution that would bridge the gap between innovation and accessibility.

It's been one of the great privileges of my life to honor that original mission while overseeing CLASP's evolution.

This publication showcases some of the impact we've made during this time, highlighting our life-changing initiatives. It also honors our incredible team, which brings extraordinary smarts, perseverance, creativity, and sparkle to our work.

Of course, CLASP's success wouldn't have been possible without our donors and board members: real thought partners in actualizing our mission.

To all who have contributed over the past three decades: Thank you for giving your hearts, minds, and time. It is so meaningful to be doing this important work with you.

Difficult challenges lie ahead, but together, we can overcome them. CLASP remains committed to efficient appliances—for people and the planet!

“CLASP combines robust technical analysis with international experience and best practice to provide a technical foundation that underpins progressive policy positions.”



— Hans-Paul Siderius, Netherlands Enterprise Agency



Impact

CLASP IN NUMBERS

- CLASP has **reduced 2030 CO₂ levels by over 1.6 gigatons** by providing data and analysis to inform **more than 80 policies globally**.
- We have **worked in over 90 countries**, implementing projects, programs, and partnerships.
- **Over 1.5 million people** have been supported with innovative **solar solutions**.
- **Over 300,000 solar appliances** have been provided to households, businesses, and farmers.
- CLASP has delivered **nearly \$11 million USD** in subsidies, grants, and awards to **more than 150 solar appliance companies**.




“Being directly involved in the Clean Lighting Coalition was one of the greatest experiences of my professional life. CLASP conducted a flawless strategic and tactical campaign which led to success with the decision in November 2023 at the Minamata Convention on Mercury to eliminate fluorescent lamps by 2027.

I have gone on record to say this is probably the most successful global environmental campaign, given the speed in which the goal was achieved.”



— Nithi Nesadurai, Climate Action Network Southeast Asia



Policy, diplomacy, & financing achievements

GLOBAL

- Our Clean Lighting Coalition (CLiC) campaign aided a rapid global transition to LEDs by supporting African governments who called for a phaseout of fluorescent lighting under the Minamata Convention on Mercury. **One hundred forty-seven governments agreed** to transition away from fluorescent lighting by 2027, **eliminating 193 tonnes of mercury pollution and avoiding 2.9 gigatons of CO₂ through 2050.**

AFRICA

- Working with local and international partners, CLASP improves access to energy while reducing the impact of the continent's rising electricity demand through our appliance efficiency strategies. Our innovative financing mechanisms have disbursed grants and subsidies to companies to put **more than 20,000 life-changing solar appliances in over 90,000 homes.**

BRAZIL

- CLASP has forged close relationships with policymakers, local NGOs, and progressive appliance manufacturers. In 2021, we supported the nation's first meaningful air conditioner and refrigerator policies in a decade, **cutting 50 megatons (Mt) of CO₂ emissions by 2030.**

CHINA

- CLASP is a trusted partner to public- and private-sector decisionmakers in a country that, while currently the highest emitter in the appliance sector, has committed to implementing the world's best appliance efficiency policies. To date, CLASP has supported China's adoption of policies that will **avoid 242 Mt of CO₂ by 2030**. Over the next three years, the country plans to adopt appliance-related policies that are projected to **avoid 2,919 Mt of CO₂ by 2040**.

EUROPE

- CLASP works alongside policymakers and partners to advance appliance and equipment efficiency and strengthen Europe's ability to meet an ambitious climate agenda. CLASP supported the European Commission's 2019 adoption of appliance policies that will effectively **reduce electricity consumption in the EU by 5%**. Our groundbreaking research on the health impacts of gas cooking is catalyzing world-leading efficiency policies and **a transition to electric cooking appliances**.

INDIA

- CLASP's work in India has the potential to **impact a billion people**, decoupling economic growth and climate impacts. We supported the country's Bureau of Energy Efficiency (BEE) in passing appliance efficiency policies between 2022 and 2023 that will help **avoid 58 Mt of CO₂ by 2030**. BEE's work has **reduced national energy consumption by 2.5%** and helped India meet its Nationally Determined Contribution emissions target 11 years early.

INDONESIA

- CLASP works closely with government and civil society to advance Indonesia's shift towards high-efficiency appliances. CLASP has helped spur ambitious appliance efficiency initiatives in Indonesia, supporting seven policies that will **avoid 100 Mt of CO₂ emissions by 2030**. We have also informed the national government's commitment to **reducing CO₂ emissions by 29% by 2030 and reaching net zero by 2060**.

UNITED STATES

- With our partners, CLASP has played an active role in advancing federal and state appliance standards. CLASP and partners worked alongside policymakers in ten US states to pass legislation phasing out fluorescent lightbulbs, moving the country toward efficient LEDs and **avoiding nearly 14 Mt of CO₂ by 2050**.



“CLASP’s financing programs have helped us scale into new markets, enabling us to get life-changing appliances into the hands of those who need them. CLASP’s research, data, and testing services have boosted the quality of all the products on the market, making our sector more impactful.

What the world needs is for CLASP to do what they’ve done in the past, just 20 times bigger. This will be the force that solves national-level problems like food security.”



— Samir Ibrahim, SunCulture



Research & tools

NET ZERO HEROES

CLASP's 2023 [Net Zero Heroes report](#) revealed that the appliance sector accounts for a staggering 40% of energy-related CO₂ emissions. The authors showed that increasing the efficiency of ten key appliances is a proven, cost-effective climate solution.

NET ZERO APPLIANCES NDC TOOLKIT

To help Paris Agreement signatories revise their nationally determined contributions (NDCs), our [Net Zero Appliances NDC Toolkit](#) offers guidance on incorporating appliance efficiency into climate plans.

STATE OF THE OFF-GRID APPLIANCE MARKET SERIES

Since 2016, this [report series](#) has tracked the progress of the off-grid solar appliance market, an important tool for providing universal energy access. The [2024 report](#) found that less than 2% of the need for these appliances is being met. The series was published by the Efficiency for Access coalition, which CLASP co-manages with Energy Saving Trust.

GAS COOKING RESEARCH

CLASP's research raised the alarm on the health impacts of [gas cooking in Europe](#). It received international media attention and advocated for governments to develop impactful policies that favor clean cooking.



AIR CONDITIONER DUMPING IN AFRICA AND ASIA

We collaborated with the Institute for Governance and Sustainable Development on two studies (in [Africa](#) and [Asia](#)) investigating the harmful dumping of inefficient air conditioners in Africa and Asia and provided policy solutions.

WORLD'S BEST MEPS

This [CLASP tool](#) drives global improvements in appliance energy efficiency by comparing minimum energy performance standards (MEPS) across ten economies.



“We know our work will have lasting, positive impacts when collaborating with CLASP. CLASP’s research has enabled us to develop the evidence necessary for successful policy action in our campaign to stop the environmentally harmful dumping of inefficient and climate-harmful cooling equipment in vulnerable developing countries.”



— Tad Ferris, Institute for Governance & Sustainable Development



Sharing solutions on the world stage

Our dynamic, diverse, international, and highly collaborative team works to solve some of the greatest challenges of our time. As the world increases its focus on energy efficiency, CLASP's expertise is in high demand.





“Over 25 years, CLASP’s impact has been transformative. I can see that change nowhere bigger than India, where energy efficiency is one of the strongest pillars of the government, and it has been continuously supported by CLASP.”



— Tanmay Tathagat, Environmental Design Solutions



Values

TRANSPARENCY

Transparency is an organizing principle of CLASP. We strive for direct and open communication with our colleagues and diverse global partners.

SERVICE

Our team works to improve people's lives and protect our planet. We are guided by the principle that everyone deserves access to life-saving appliances and that this can be achieved without harming the planet we all depend on.

COLLABORATION

Collaboration is key at CLASP, as no one can solve the world's most pressing issues alone. We partner with policymakers, appliance manufacturers, distributors, scientists, and local and global partners to deliver the best possible outcomes.

IMPACT

CLASP focuses on the appliances most critical to reducing emissions and improving quality of life, from air conditioners and heat pumps to cooking appliances. With a strong potential for efficiency gains, these appliances address universal needs like cooling, heating, and cooking.

“CLASP plays a pivotal role in advancing energy efficiency—a cost-effective, no-regret strategy for achieving net-zero emissions. By supporting CLASP, we empower an organization with a proven track record of ensuring that the benefits of global emissions reductions from renewable energy expansion are not negated by the growing energy demand from appliances and equipment.”



— Christie Ulman, Sequoia Climate Foundation

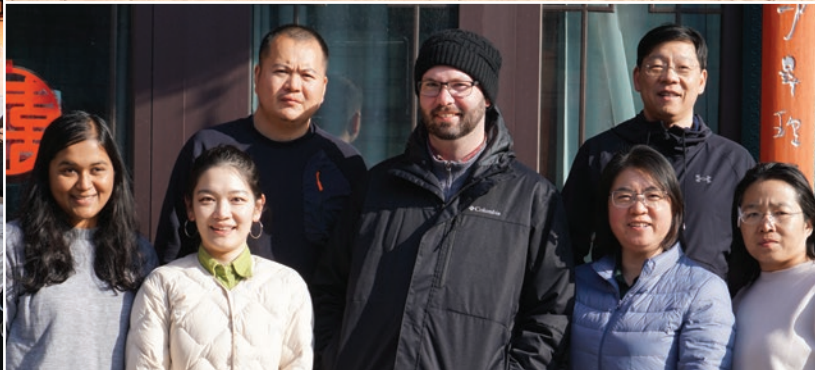


Team & culture



We extend a heartfelt message of gratitude to all CLASP colleagues and partners who have made our organization the impactful international NGO it is today.





“What sets CLASP apart, beyond its world-class technical expertise in promoting efficient appliances, is its genuine dedication to people and the planet. Congratulations on your silver anniversary. We look forward to continuing this longstanding partnership towards driving positive change, particularly in challenging environments.”



— Murefu Barasa, EED Advisory



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