



# 20

# Years of Dedication

TO APPLIANCE ENERGY EFFICIENCY FOR **PEOPLE** + **PLANET**



clasp

2019 ANNUAL REPORT





**CHRISTINE EGAN**  
Chief Executive Officer

## DEAR CLASP PARTNERS,

As I write a frame for CLASP's 20th anniversary year, life is frozen in place by COVID-19. Distancing has put me back in my basement, from where I ran CLASP as a nascent independent entity, reflecting about how our past informs our present work and future vision.

CLASP was conceived as a **COLLABORATION**, of three entities working together toward a common goal, and the page 4 timeline demonstrates that success is only possible with and through others. In 2019, I'm particularly proud of our evolution of off-grid solar quality assurance, with Humboldt State University, the World Bank group and others. Read about this partnership to ensure high-performing solar solutions expand access to modern energy on page 20.

**SERVICE** and **TRANSPARENCY** are also encoded in our DNA. In 2019, our long-standing work with the European Commission and India's Bureau of Energy Efficiency yielded 569.4 MT of CO<sub>2</sub> savings cumulatively in 2030. Credit goes to the policymakers there, as well as our team which supports evidence-based decisions, sometimes over years of engagement. Read about this work on pages 7 and 11.

In 2019, we evolved our core values to include **IMPACT**. The urgent nature of the climate crisis, and the planet's symbiosis with human health and prosperity, demand that we prioritize the most impactful activities and make the most out of sometimes scarce resources.

I hope that CLASP's commitment to these values comes through in the pages of this report. I also want to introduce CLASP's updated logo and brand, which convey CLASP's expanded role in enacting global change over the past several years.

Thank you for sharing our journey,  
Christine

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# 20 Years of IMPACT

First edition of **CLASP** Appliance Standards & Labeling Guidebook published, quickly becoming standard text for global practitioners.

**CLASP** becomes an independent non-profit organization. The second edition of the Appliances Standards & Labeling Guidebook, with additional translations, cements its reputation as the go-to text for practitioners.

**CLASP** opens office in India.

1999

2001

2002

2005

2009

2010

**CLASP** forms as a partnership program of three organizations - the Alliance to Save Energy, Lawrence Berkeley National Laboratory, and International Institute for Energy Conservation - to mitigate the growing energy demand from appliances around the world.

**CLASP** assists India's Bureau of Energy Efficiency on first selection of products for efficiency policies to curb national energy demand.

**CLASP** becomes a member of the ClimateWorks Foundation's Best Practice Network and begins scaling efforts in highest CO<sub>2</sub> emitting economies, including China and India, and initiating work in the European Union.

In partnership with Sustainable Energy for All, **CLASP** under the Global LEAP Awards launches the Efficiency for Access Coalition, a collaborative effort to improve off-grid appliance efficiency and quality and expand energy access outcomes.

**CLASP** opens office in Kenya and becomes part of Kigali Cooling Efficiency Program to mitigate carbon emissions from rising global cooling demand.

**CLASP** celebrates its 20th anniversary, expands its climate change mitigation efforts to Indonesia, Pakistan, and Brazil, and begins water efficiency efforts in the United States in partnership with the Appliance Standards Awareness Project.

2013

2015

2016

2017

2018

2019

In partnership with the Clean Energy Ministerial, **CLASP** launches first Global LEAP Awards Competition for off-grid lighting and televisions to serve the world's poorest people with affordable, solar energy services.

**CLASP** works with the Clean Cooking Alliance to launch first policy effort for clean cooking technologies in select countries. **CLASP** partners with Schatz Energy Research Center to become Operating Agent of the Lighting Global Quality Assurance Program, in partnership with the World Bank and International Finance Corporation.

**CLASP** relaunches the Efficiency for Access Coalition relaunches with support from a broad set of partners and major support from UK aid, Good Energies Foundation, World Bank Group and others.



# SERVICE

“CLASP Europe has supported the European Commission since 2009. We are elated that on the tenth anniversary of our engagement in Brussels, such a ground-breaking package of policy measures was adopted.”

CEO | Christine Egan



## CLIMATE

# EU Adopts Landmark Policies for Appliance & Equipment Sustainability

In October 2019, the European Commission adopted new regulations to promote energy-efficient, sustainable appliances and equipment across the European market. Together with energy labeling requirements adopted in March, the sweeping package of regulations is expected to avoid 331 megatons of CO<sub>2</sub> cumulatively by 2030 and save each European household an average €150 (US\$165) annually on energy bills.

The new rules were finalized under the EU's Ecodesign Directive. They will reduce electricity consumption by 167 TWh per year by 2030, equivalent to 5% of the region's total residential electricity use today, and require easy product reparability and recyclability in accordance with the EU's Circular Economy Strategy.

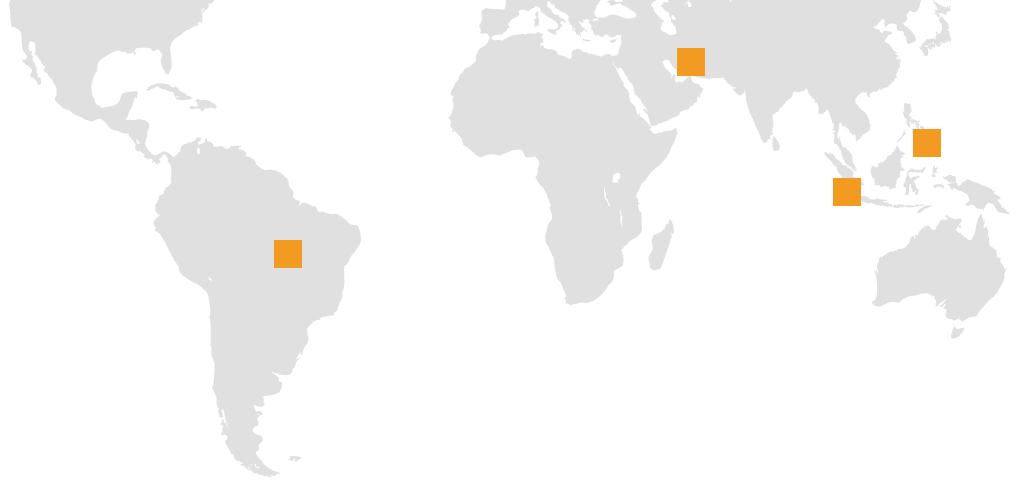
CLASP supported the package over the course of five years with inputs on testing, market data and international best practices, as well as analysis of the costs and benefits associated with various levels of policy ambition for lighting, televisions, computer monitors, commercial signage, residential and commercial refrigerators, and transformers. CLASP Europe team members Marie Baton and Michael Scholand supported development of nine ecodesign and energy labeling policy measures that together represent 87% of the annual carbon reductions in 2030.

Miguel Arias Cañete, European Commissioner for Climate Action and Energy, said efficiency will play a growing role in Europe's long-term decarbonization strategy. "Ecodesign is a key element in the fight against climate change and a direct contribution to meeting the goals set in the Paris Agreement."

Nils Borg, Executive Director of the European Council for an Energy Efficient Economy (eceee) said, "Adoption of this package was a true team effort, engaging stakeholders, NGOs and Member States from across the political spectrum. CLASP was an integral part of that equation, providing technical expertise and analysis that underpinned our ambitious positions and led to stronger policy outcomes."

"CLASP Europe has supported the Commission since 2009. We are elated that on the tenth anniversary of our engagement in Brussels, such a ground-breaking package of policy measures was adopted," CLASP CEO Christine Egan said.

The Hewlett Foundation, European Climate Foundation, and others have supported this work.



## CLIMATE

# The Sleeping Energy Giants: Achieving CO<sub>2</sub> Reductions in Rising Emitters

In 2019, CLASP began working in a new group of countries—Pakistan, Indonesia, Brazil, and the Philippines—where steady economic growth contributes to increased rates of appliance purchases. This growth is driving higher energy consumption, worsening climate conditions and exacerbating local and global temperature rise. Without intervention, emissions in these “Sleeping Energy Giants” will soar in the next decade.

**In Pakistan**, a combination of fossil fuel-based power generation development, economic growth, and global warming is projected to increase the country’s carbon emissions by 300% over the next 15 years. CLASP and local partner HIMA<sup>^</sup>Verte are progressing ambitious efficiency measures for electric motors and distribution transformers, working alongside national and state energy efficiency agencies.

**In Indonesia**, electricity consumption doubled over the past decade, primarily driven by the residential sector. CLASP engaged partners Environmental Design Solutions, Market Xcel, and ASHA to carry out a major end-use survey and market assessments for five key appliances. This data can inform efficiency policies to capture policymakers’ ambition to reduce national energy consumption by 17% in 2025.

**In Brazil**, hydroelectricity is anticipated to fall from 60% to 49% of installed capacity by 2029 as a result of decreased rainfall and river flows. Energy efficiency standards can contribute significantly

towards Brazil’s emissions reduction target while reducing the need for fossil fuel-based electricity generation. CLASP partners with the National Electrical Energy Conservation Program and the National Metrology Institute to advance efficiency efforts for street lighting and cooling appliances.

**In the Philippines**, total electricity consumption has more than doubled in the past decade. On average, Filipino households own three fans each and increasing stretches of hot weather only further drive cooling demand. CLASP works with the Department of Energy to assess the cooling market, sharing best practices to support policies for fans and air conditioners.

**“CLASP is collaborating with local policymakers and partners from four, rapid growth economies to support ambitious and locally appropriate policy outcomes.”**

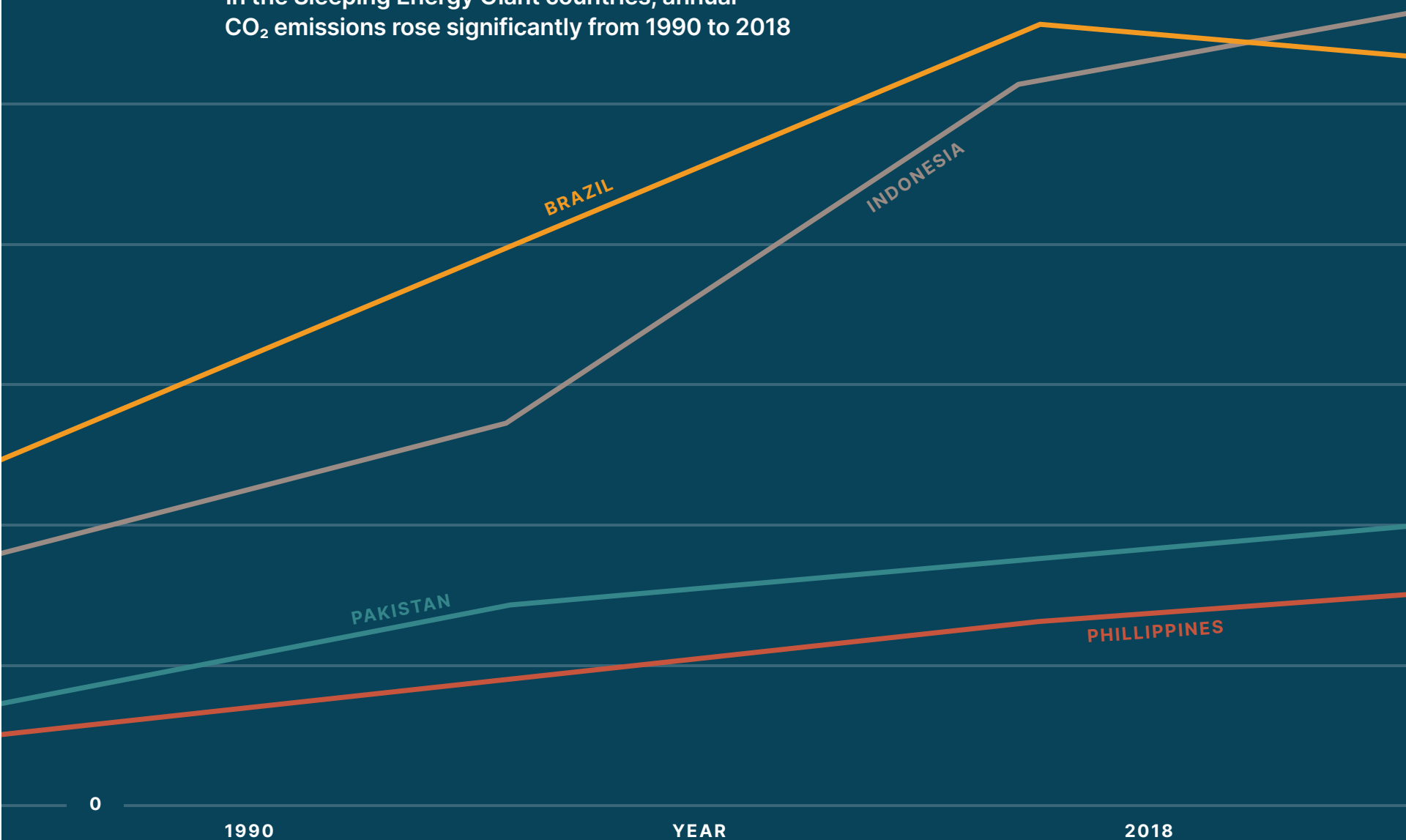
CLASP is collaborating with local policymakers and partners to support ambitious and locally appropriate policy outcomes. Adoption of best minimum energy performance standards for five key products in these countries would avoid 43.1 MtCO<sub>2</sub> annually in 2030.



600

## TOTAL CO<sub>2</sub> EMISSIONS (MT)

In the Sleeping Energy Giant countries, annual CO<sub>2</sub> emissions rose significantly from 1990 to 2018



# COLLABORATION



# Advancing Sustainable Cooling in a Warming World

CLASP's [Cooling in a Warming World: Global Markets & Policy Trends](#) e-magazine presents an in-depth look at the state of AC markets, policies, and compliance efforts around the world.

[The Role of Trade Policy and Energy Efficiency Policy to Promote Highly Efficient Air Conditioner Markets](#) discusses how trade and efficiency policies can jointly reduce the dumping of inefficient products in emerging economies, promoting market transformation towards highly efficient ACs.

A stylized map of West Africa is shown in a darker shade of teal against the background. A small orange square is positioned to the left of the text block.

**In West Africa**, CLASP is supporting compliance capacity development across the region to accelerate aligned efforts for room AC performance standards.

In 2019, cities around the world saw seasonal average temperatures rise dramatically. Increased demand for technologies like air conditioners (ACs), fans, and refrigeration will result in higher health, productivity, and comfort. But as demand surges, so will associated greenhouse gas emissions—including refrigerant chemicals—exacerbating global temperature rise.

CLASP works at the nexus of this paradox, supporting ambitious energy efficiency policies around the world that safeguard access to cooling while mitigating their harmful impacts on the climate.

**In Kenya**, CLASP supports policymakers and stakeholders to develop a National Cooling Action Plan that provides a path to sustainable cooling for all citizens. A 2019 performance standard for ACs will remove 73% of the least efficient models from the market and effectively phase out high-emitting R-22 refrigerants in the process.

**In India**, CLASP supported the development of the India Cooling Action Plan, a 20-year vision document that aims to meet cooling demand in a climate-friendly manner. In 2019, revised policies for ceiling fans and refrigerators dramatically rescaled energy performance thresholds and will avoid 132 MTCO<sub>2</sub> cumulatively by 2030.

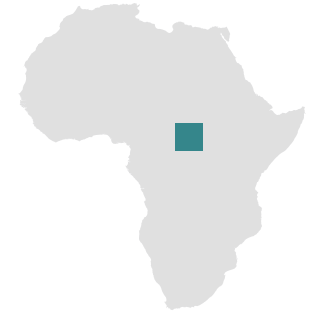
**In Southeast Asia**, CLASP is working with decision-makers to improve energy performance standards and compliance frameworks for room ACs and refrigerators.

# IMPACT

“The Global LEAP Awards have evolved into a trusted global brand that serves to drive innovation and performance improvements in early stage product markets.”

*A woman sorts produce outside of a ColdHubs cold room at a market in Lagos, Nigeria.*





## CLEAN ENERGY ACCESS

# Accelerating Access to Innovative, Best-in-Class Cooling Technologies

Access to cooling provides much more than basic comfort for the 840 million people globally living without access to electricity. Cooling appliances like fans and refrigerators reduce mortality and morbidity during severe heat waves and increase overall health during sweltering summer months. Outside of home use, refrigeration enables income-generating activities for small retailers through the storage of cold drinks, food, and other perishable items for later sale and is indispensable in hospitals and clinics – especially for vaccine storage.

In 2019, CLASP launched two Global LEAP Awards competitions to identify innovations in energy-constrained cooling solutions—the Off-Grid Refrigerator Competition and Off-Grid Cold Chain Challenge (OGCCC).

The Off-Grid Refrigerator Competition identified and recognized 21 innovative early-movers and best-in-class products in the refrigerator market. On average, winning and finalist products are 28% more efficient than best-in-class fridges just two years earlier, enabling higher levels of energy service and lower costs to consumers. 843 refrigerators were sold in 2019 through Global LEAP's results-based financing facility, serving off-grid consumers' homes and businesses.

Simultaneously, the OGCCC recognized 4 winners for innovative, efficient, and affordable cold chain solutions meeting diverse cold storage requirements. Cold chains manage the temperature of perishable products from farm to table and play a critical role in developing countries, where post-harvest and processing food losses for farmers can be as high as 40%. The OGCCC offered a unique opportunity for the global cooling community to learn, through videos and profiles, about the challenges and opportunities for cold chain solutions in off-grid markets across Africa, including logistics, transport, and access to local funding.

The Global LEAP Awards have evolved into a trusted global brand that serves to drive innovation and performance improvements in early stage product markets and function as a source of accurate, actionable information about the quality and energy performance of emerging technologies. A program under the Efficiency for Access Coalition, it is sponsored by UK aid, Power Africa and their beyond the Grid Initiative. The OGCCC is a joint initiative with Energy 4 Impact, with support of the Ideas to Impact program.



## CLEAN ENERGY ACCESS

# Advancing Data Access to Strengthen Off-grid Solar Markets

A key part of CLASP's clean energy access efforts is surfacing and sharing data on the demand, use, quality and impact of off-grid appliances and productive use equipment. These important insights enable evidence-driven decisions by companies, investors, donors, and policymakers. In 2019, CLASP's efforts yielded the following outcomes:

### A MARKET SNAPSHOT

To better understand the market for appliances designed for households lacking access to grid power, CLASP partnered with Dalberg Advisors to publish the 2019 [State of the Off-grid Appliance Market Report](#), under the Efficiency for Access Coalition. This data-driven global view estimates current and predicted market sizes and provides deep insights into product trends, consumer experiences, and supply chain dynamics. This report helps sector actors understand evolving opportunities and challenges, towards a market that can sustain business while delivering impact.

### UNDERSTANDING CONSUMERS

Companies need accurate information on consumer needs, preferences and aspirations to make decisions about product design and business models. For many markets, granular consumer data is non-existent. To address this lack of data, under the Efficiency for Access Coalition, CLASP and 60 Decibels synthesized data from thousands of off-grid customer interviews and profiled several consumer segments in East Africa. The


results shed light on the types of products and services off-grid households need to advance up the energy ladder, key intelligence on product performance, and the impact realized by their use.

### PRODUCT PERFORMANCE DATA

Launched in 2019, [Equip Data](#) is an open-access tool designed to fill information gaps so that market actors can make informed product design, procurement, and investment decisions. Building on five years of data collection, Equip Data is the central repository for all relevant technical capacity building, product sampling, testing, and performance data. The platform enables comparisons of appliance performance, facilitating sustainable markets for off-grid fans, televisions, refrigerators, and solar water pumps.

### TECHNOLOGY ROADMAPS

Roadmaps accelerate product innovation by improving coordination of research and development activities and aligning them with market needs. In 2019, under the Efficiency for Access Coalition, CLASP convened 63 industry partners to develop technology roadmaps for solar water pumps, off-grid refrigeration, and interoperability. These roadmaps provide clear next steps for sector actors to make actionable linkages between a business's or market's needs, the state and potential of a technology or product, and R&D investment decisions.



*Makena Ireri of CLASP tests the temperature of an off-grid refrigerator in Masaka, Uganda.*

“There is little publicly available data on the demand, use, quality and impact of off-grid appliances. CLASP research enables data-driven decisions by companies, donors, and policymakers.”

# TRANSPARENCY



# COLLABORATION

## COALITION DONORS

UK aid

Power Africa

Acumen

DOEN Foundation

Clinton Health Access Initiative

Energising Development

Energy Sector Management Assistance Program

Good Energies Foundation

IKEA Foundation

International Finance Corporation

Rockefeller Foundation

Shell Foundation

Swedish International Development Agency

USAID

World Bank





## CLEAN ENERGY ACCESS

# Enhancing Livelihoods through the Efficiency for Access Coalition

Efficiency for Access is a global coalition working to promote high performing appliances that enable access to clean energy for the world's poorest people. High-performing appliances are one of the key drivers to deliver sustainable energy services at scale with numerous benefits to consumers. For example, a solar water pump not only enhances agricultural output but also delivers access to clean water sources, and a fan, depending on its size, can be used for indoor cooling for health benefits, or to dry produce for additional income.

Efficiency for Access was first developed under CLASP's Global LEAP Awards in partnership with Sustainable Energy for All as a call-to-action and collaborative effort. In 2018, a core group of aid agencies and philanthropic foundations came together to re-launch the Coalition with a shared commitment to advance markets for super-efficient technologies, support innovation, and improve sector coordination. Since then, Coalition membership has nearly doubled, with Clinton Health Access Initiative and IKEA Foundation joining in 2019. Today, the 15 institutions comprising the Coalition support 22 off-grid appropriate technologies across 44 countries. By joining forces, Coalition members leverage expertise and maximize impacts.

In 2019, under the Coalition, CLASP worked with partners to develop extensive market, impact, and consumer research to better enable sector actors and decision-making. This research included

14 new publications and tools, counting three market reports, two peer-reviewed journal articles and the Coalition's first-ever policy brief on effective standards development for off-grid appliances and equipment.

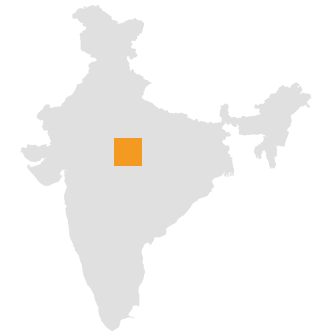
This intelligence came at a pivotal time, as the sector turns to the transformative potential of agricultural and income-generating equipment for communities underserved by modern energy. In June, with support from UK aid and in partnership with 60 Decibels via Acumen, CLASP published a report on the uses and benefits of solar water pumps in East Africa. The accumulation of two years of field research, ongoing industry collaboration and 375 solar water pump user surveys, the report provides compelling evidence on the impact pumps have on productivity and quality of life through the eyes of consumers.

Through Efficiency for Access, CLASP will continue working with donor, industry, and sectoral partners to align action and champion the uptake of high-performing appliances and their linkages to sustainable development outcomes. CLASP serves as co-secretariat of Efficiency for Access, alongside the UK's EST.



**TANMAY TATHAGAT**

Efficiency Expert and Director of Environmental Design Solutions in New Delhi, India



## PARTNER INTERVIEW

# Interview with Tanmay Tathagat

*In 2019, India's Bureau of Energy Efficiency partnered with CLASP, Environmental Design Solutions, Market Xcel, and Zenatix to launch the National Energy End-Use Monitoring (NEEM) Dashboard—a tool that integrates data from a major residential end-use survey and real-time appliance monitoring.*

### AN ENDURING PARTNERSHIP

My first assignment with CLASP was in 2002, and I was working with the International Institute for Energy Conservation—a founding member of CLASP. It was the early days, so a lot of our work was talking about the importance of efficiency standards and building those frameworks.

Today, one of the biggest barriers to a policy initiative is reliable information about how appliance energy use and market trends are affecting households. We need better information for making decisions and the NEEM Dashboard was a first step in that direction.

### DATA INFORMED DECISION-MAKING

When we look at prioritizing appliances for more stringent standards, you pick based on potential impact. The NEEM Dashboard gives us better insight into energy-use behavior and how appliances are used across the country.

When we created the dashboard, the idea was that it would feed primarily to policymakers who set appliance standards. But other potential beneficiaries [include] policymakers who look at building codes and standards; utilities; as there is a

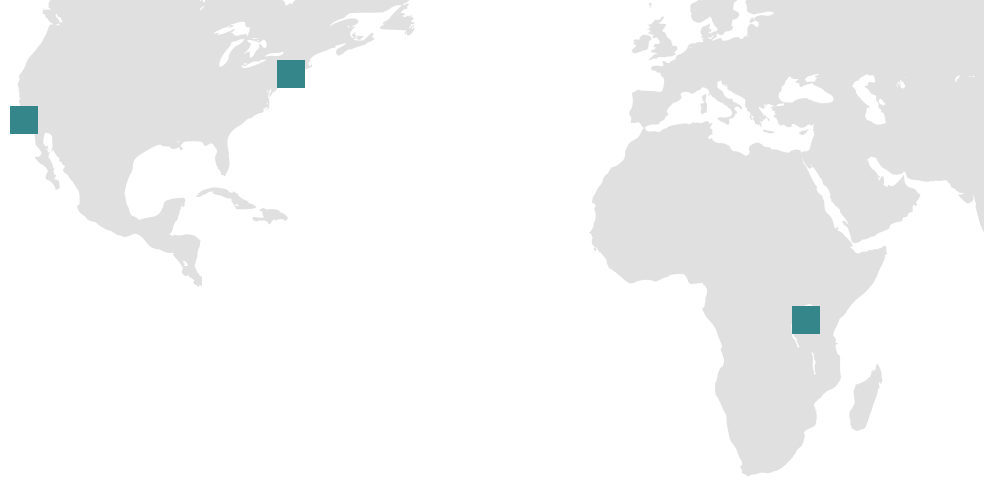
direct linkage to look at demand profiles for customers; and end-users who need more information on reducing their energy use.

This tool should become a reference point for building a long-term monitoring framework to track the impacts of our work and improve policies.

### THE IMPORTANCE OF ENERGY EFFICIENCY IN INDIA

India is rapidly expanding the scope of energy services, and this growth brings about positive changes. But at the same time, all of this energy is coming from fossil sources. So in a country like India, with a big population that is growing more urban and increasing its energy intensity, efficiency is extremely important.

Over 20 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.



## PARTNER INTERVIEW

# Interview with Arne Jacobson, Itotia Njagi, and Dana Rysankova

*In close partnership with the World Bank Group, CLASP and the Schatz Energy Research Center (Schatz Center) have managed the Lighting Global Quality Assurance (QA) Program since 2016. In 2019, the partners took major steps to evolve the quality assurance program under a new brand, VeraSol.*

### **Quality Assurance: The Foundational Platform for the Off-Grid Solar Sector**

**DR:** 'When we started Lighting Africa, quality was the biggest issue. We had no way to differentiate products. The QA program set the industry standard and became a symbol of trust.'

**IN:** 'The program's strong reputation gave governments confidence to integrate off-grid solutions into policies and electrification plans.'

**AJ:** 'A strong QA framework enabled our industry to attract larger investments, grow faster, and deliver benefits for end users.'

### **Complementary Skillsets, Better Results**

**DR:** 'We needed technical expertise to help drive the QA program and engaged the Schatz Center early. When it came time to find a new home for QA, we found a lucky partner in CLASP. What began as a bittersweet transfer process, grew into an amazing partnership that inspired new ways of thinking.'

**IN:** 'QA encompasses a broad mandate. It's near impossible to find the skills required in a single entity. Our partnership allows us to approach issues holistically and progress quickly.'

### **VeraSol: The Next Phase of Off-Grid Solar Quality Assurance**

**DR:** 'The sector is not the same as was ten years ago—products are more diverse and complex.'

**IN:** 'The next frontier, productive uses of energy, is an area that CLASP and the Schatz Center have deep expertise in. They will be instrumental in shaping the next generation of QA.'

**AJ:** 'Merging the QA program with CLASP's work on appliances strengthens the program through new services offered, greater program efficacy, and partnerships.'

### **Opportunities for Greater Impact**

**AJ:** 'We are always working to deliver energy access. Beyond that, reaching new companies in key manufacturing hubs, like China, will be important.'

**IN:** 'The competitiveness of solar will transform energy markets. Working with governments to help them scale up off-grid solutions through policy will be critical.'



**ITOTIA NJAGI**  
IFC Lighting Global Lead

“The  
competitiveness  
of solar will  
transform energy  
markets.”



**DANA RYSANKOVA**  
Global Lead for Energy Access, World Bank Group



**ARNE JACOBSON**  
Director of the Schatz Energy Research Center

# Organization & Financial Health

REVENUE BY DONOR TYPE



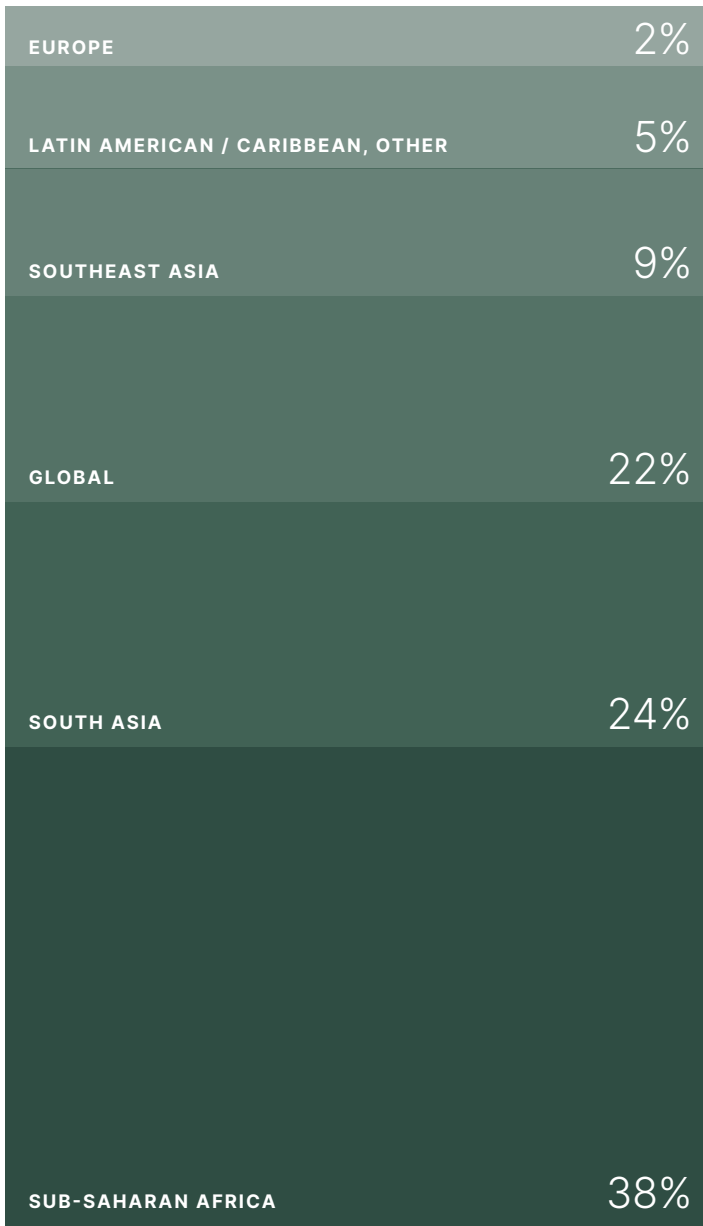
**2019 REVENUE**

**\$13,891,501**

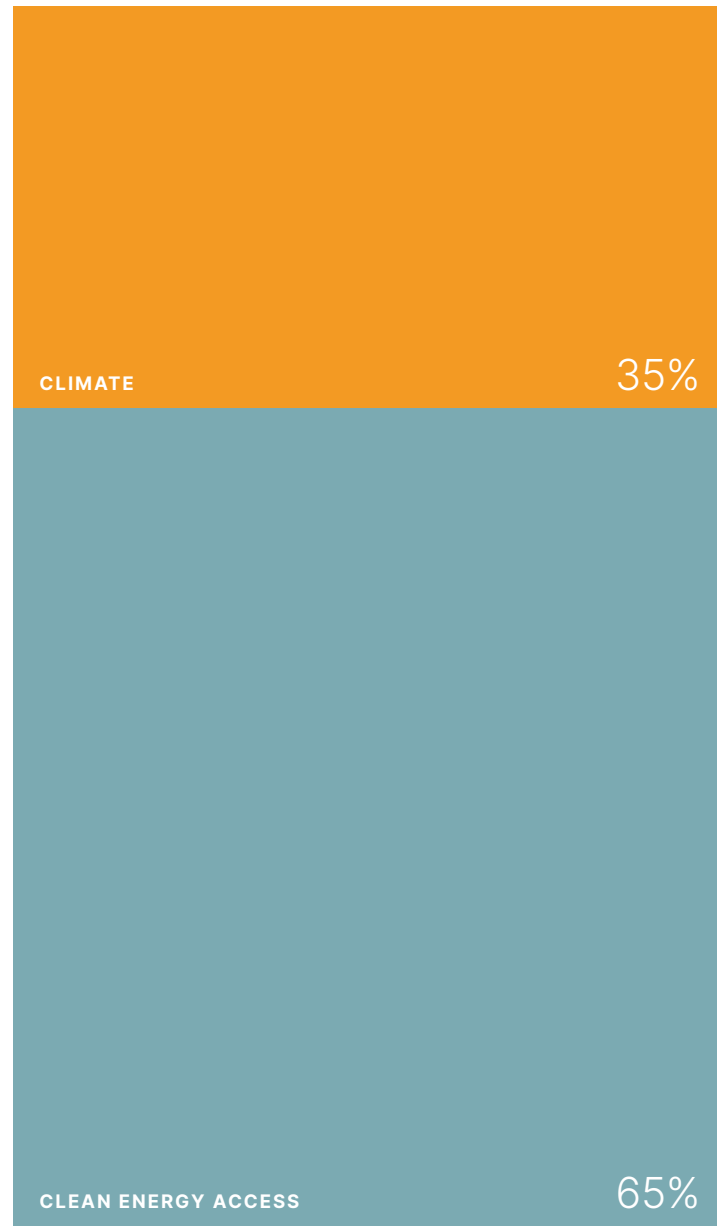
## DONORS

- Anonymous (1)
- Aspen Global Change Institute
- Carbon Trust
- ClimateWorks
- US Department of State
- UK Department for International Development
- Energy 4 Impact
- European Commission
- German Government's International Development Agency (GIZ)
- Good Energies Foundation
- Heising-Simons Foundation
- Hewlett Foundation
- Hystra
- Instituto Clima e Sociedade, Brazil
- Institute for Governance & Sustainable Development
- IKEA Foundation
- Lawrence Berkeley National Laboratory
- LGQAP Companies
- Loughborough University
- National Academy of Sciences
- Organization of American States
- Tetra Tech
- The John D. and Catherine T. MacArthur Foundation
- Tilia Fund
- United Nations Industrial Development Organization
- USAID
- World Bank/International Finance Corporation

EXPENSES BY REGION



EXPENSES BY PROGRAM



**2019 EXPENSES**

**\$14,380,481**



**ERIC GIBBS**  
Chief Policy & Analysis Officer

**IMPACT**



**FRED SHERMAN**  
Chief Operations Officer

**TRANSPARENCY**



**CHRISTINE EGAN**  
Chief Executive Officer

**SERVICE**



**CORINNE SCHNEIDER**  
Chief Communications Officer

**COLLABORATION**



**STEVE PANTANO**  
Chief Innovation Officer



# Team



**AMANDA UPSHAW**  
Executive Assistant



**ANA LUISA (LULI) SOSA**  
Associate



**ANA MARIA CARREÑO**  
Sr. Manager



■ **ANDREA TESTA**  
Legal & Contracts Manager



**ARCHANA WALIA**  
Director, India



**ARI REEVES**  
Sr. Manager



**ASIF HASSAN**  
Sr. Associate



■ **CLAUDIA HERNANDEZ**  
Communications Coordinator



**COLIN TAYLOR**  
Sr. Associate



**ELISA LAI**  
Sr. Associate



■ **FRANCIS NDONGA**  
Associate



■ **HANNAH BLAIR**  
Communications Associate



**JEFF STOTTLEYER**  
Sr. Manager



**JENNY CORRY SMITH**  
Sr. Manager



■ **JENNY MANDEL**  
Sr. Communications Associate



**JOANIE COKER**  
Communications Associate



**JORGE ALVAREZ**  
Operations Associate



■ **KATHERINE HASAN**  
Program Associate, Indonesia



**KISHORE KUMAR**  
Sr. Associate



**LAUREN BOUCHER**  
Communications Associate



**LINA KELPSAITE**  
Sr. Associate



**MAKENA IRERI**  
Sr. Associate



**MARIE BATON**  
Regional Lead, Europe



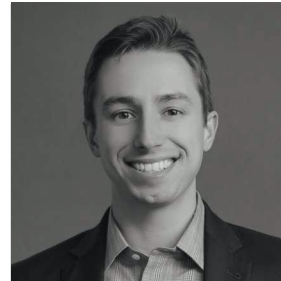
■ **MATT MALINOWSKI**  
Sr. Manager



■ **MICHAEL MAINA**  
Research Associate



**MICHAEL SCHOLAND**  
Sr. Advisor



**MIKE SPIAK**  
Program Consultant



■ **MONICA WAMBUI**  
Program Coordinator



**NAOMI WAGURA**  
Sr. Associate



**NEHA DHINGRA**  
Program Manager



**NICOLE KEARNEY**  
Manager



**NYAMOLO ABAGI**  
Manager



**PRADEEP K. MUKHERJEE**  
Sr. Advisor



**REBECCA SCHLOEMANN**  
Associate



**RILEY MACDONALD**  
Program Coordinator



**RUTH KIMANI**  
Associate



**SAM GRANT**  
Regional Lead, Africa



■ **SARA DEMARTINI**  
Associate



**WENDY WEN**  
Controller



**YASEMIN ERBOY RUFF**  
Sr. Associate



**SIENA HACKER**  
Program Coordinator



**WENDY HADO**  
Associate

■ **NEW TEAM MEMBERS IN 2019**

The CLASP  
team at our  
May 2019  
annual retreat in  
Washington, D.C.



# Board of Directors



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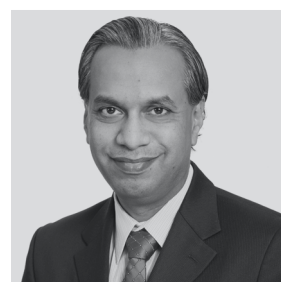
**ROSE MUTISO**  
Board Member



**MARIE-VINCENTE  
PASDELOUP**  
Board Member

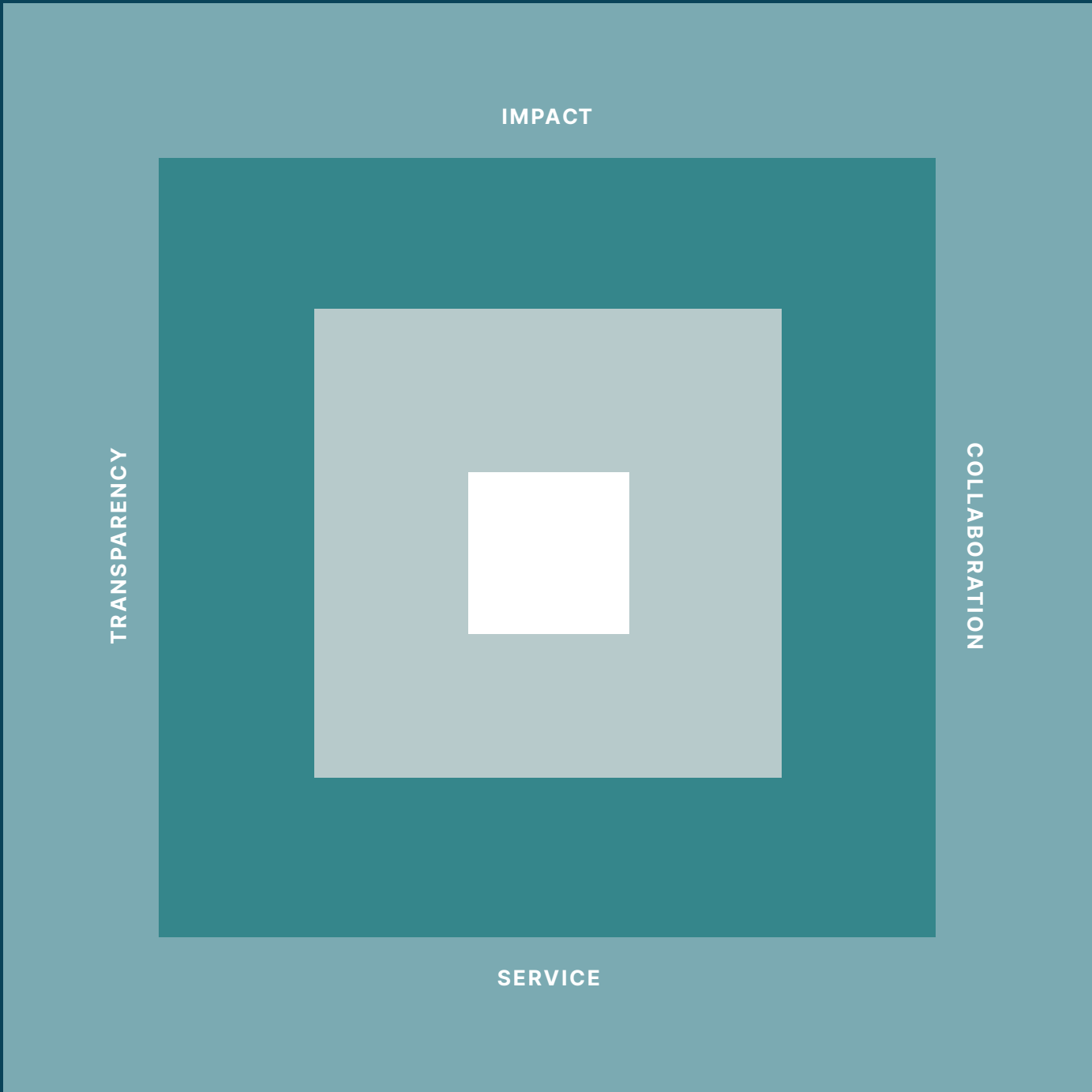


**MERRILL SHUGOLL**  
Board Member



**SUJEESH KRISHNAN**  
Board Member







# Our Values

## **COLLABORATION**

CLASP was founded as a shared program by three organizations - with collaboration at its core. We remain committed to collaboration, recognizing that no one can solve the world's most pressing issues alone. We seek out and partner with the world's foremost experts in the sectors, specialties, and regions we work, for the best possible outcomes.

## **TRANSPARENCY**

Transparency is an organizing principle of our institution. Team members collaborate across programs, projects, and continents. We value direct and open communication with our global partners, and always ensure that our work lives up to standards of scientific rigor and best practices.

## **SERVICE**

We are a global resource and voice for appliance energy efficiency in on-, off-, and weak-grid sectors. From the beginning, we have worked in service of the field of appliance energy efficiency and for key stakeholders to improve the environmental and energy performance of appliances. Anywhere we go, we aim to leave a healthier ecosystem behind.

## **IMPACT**

CLASP addresses the urgent global issues of mitigating catastrophic climate change and delivering sustainable energy services to the world's poorest people. We pursue these dual objectives to advance a more sustainable world for people and the planet. Accordingly, we prioritize impactful actions and make the most out of financial, human, and intellectual resources.



COLLABORATION



TRANSPARENCY



SERVICE



IMPACT

