Annual Report 2022

POWER FOR ALL



Letter from the Board

For decades, climate scientists have continued to urge global leaders to take action to mitigate the devastating impacts of climate change. The excessive reliance on fossil fuels by wealthy nations has severely diminished our chance to ensure a sustainable and habitable future on Earth.

Renewable energy—with the potential to lift over 700 million people out of energy poverty—is also essential to curbing emissions and powering a climate-resilient future. With fewer resources and growing populations, developing countries are more vulnerable to the impacts of climate change, but the least responsible for it. Decentralized renewable energy (DRE) has proven to be an efficient way to electrify low-income countries, while also protecting and adapting to a warmer planet.

For nearly a decade, Power for All has focused on accelerating the market for DRE to protect the climate while ending energy poverty. The progress towards building a climate-resilient energy sector detailed in this 2022 annual report is only possible with the generosity of institutional and individual donors like you. We are deeply grateful for your support in our mission to deliver power for all.

Kristina Skierka
CEO and Board Chair

Adam Browning
Treasurer

David Hirsch
Secretary





Our vision & mission

Vision

Power for All envisions a world where all people benefit from the opportunities and quality of life that come from reliable, affordable, clean energy.

Mission

Our mission is to build and mobilize a network of partners across the energy access ecosystem—including civil society, social entrepreneurs, policymakers, utilities, and local changemakers in developing countries—that together can accelerate the adoption of decentralized renewable energy. Collectively with our partners, Power for All drives awareness, activates markets and catalyzes advocacy to help transform the way energy is used, generated and paid for in order to #EndEnergyPovertyFaster.

About Power for All

Since 2015, Power for All has focused on growing the market for DRE in countries where less than half of the population has access to energy. Power for All focuses on three initiative areas that help drive demand and accelerate deployment of DRE:



Energy Access Dividends

Power for All curates data and publishes insights that position DRE as a viable alternative to traditional electrification. Our research generates evidence to demonstrate the benefits of DRE in education, jobs, and other development outcomes. Through case studies and knowledge-generating products such as reports, fact sheets, infographics, and thought leadership (including signature Calls to Action), Power for All drives pro-DRE narratives to help more people access the benefits of energy, faster.



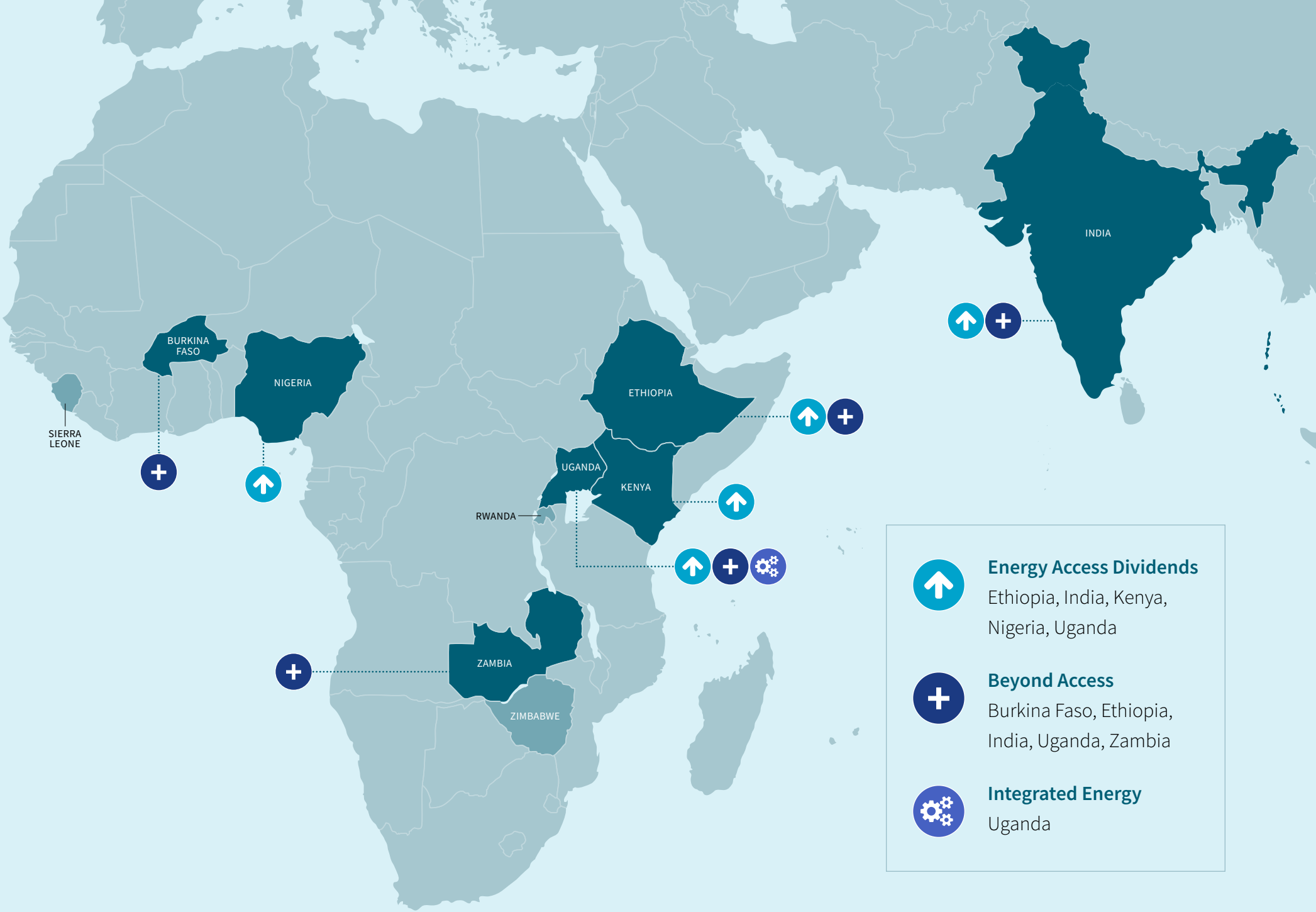
Beyond Access

With hundreds of campaign partners echoing our call to #EndEnergyPovertyFaster, Power for All is driving demand for DRE and the productive use of renewable energy. Power for All forms coalitions between the energy and energy-enabled sectors such as health and agriculture to build trust, encourage collaboration, and facilitate action. Through working groups, peer-to-peer learning, and national action plans, we work with partners to ensure DRE is prioritized as a key part of local and national government's development planning and decision-making.



Integrated Energy

Utilities can be powerful partners in the race to end energy poverty. However, neither centralized nor decentralized energy is purpose-built to end energy poverty at scale alone. Evidence suggests that DRE can deliver universal energy access in a fraction of the time and cost of conventional approaches, while still supporting existing energy infrastructure. Recognizing the opportunity to integrate DRE into the global energy supply, Power for All launched Utilities 2.0 to combine the forces of established utilities in energy-poor countries with decentralized, digitized, and data-driven technologies to accelerate universal electricity access.


INDIA
BURKINA FASO
NIGERIA
SIERRA LEONE
ETHIOPIA
UGANDA
KENYA
RWANDA
ZAMBIA
ZIMBABWE
Energy Access Dividends
Ethiopia, India, Kenya, Nigeria, Uganda
Beyond Access
Burkina Faso, Ethiopia, India, Uganda, Zambia
Integrated Energy
Uganda

Initiative focus Powering Agriculture

The Challenge

Today, nearly 80 percent of the energy used in the global agri-food system comes from fossil fuels, which are responsible for over 30 percent of all GHG emissions. Agriculture is a major contributor to climate change, and the impact of drought and excessive heat on crop yields also makes it deeply vulnerable to the effects of fossil fuels. Energy-poor regions rely on agriculture to sustain livelihoods, but lack access to the clean energy needed to power a more resilient and profitable food system.

The Opportunity

Expanding access to clean, reliable energy in rural areas is crucial to food systems, where DRE can power irrigation and processing, while reducing food loss, increasing productivity, and cutting emissions. Knowing that DRE solutions, such as solar-powered water pumps, can significantly improve smallholder livelihoods, Power for All launched Powering Agriculture to advance farmers' productive use of energy (PUE).

Our Work

Power for All is putting DRE and agriculture at the forefront of national climate discussion by galvanizing stakeholders and governments to increase adoption. Alongside national leaders in Ethiopia, India, and Uganda, Power for All developed action plans to scale the productive use of DRE, calling to eliminate import duties, increase appliance testing, and develop policy frameworks. In 2023, we are continuing to identify and call out critical actions to push for PUE as a critical path to increasing incomes for the world's 600 million smallholder farmers.



Country focus Ethiopia

The Challenge

Despite national goals of achieving universal energy access by 2030, more than half of Ethiopia's population still lives without access to reliable electricity. Fundamental gaps in policy and market development threaten the country's ability to reach national electrification goals, inhibiting Ethiopians from accessing the quality of life that comes with reliable, affordable, clean energy access.

The Opportunity

Smallholder farmers make up 75 percent of Ethiopia's workforce, creating game-changing potential for productive use applications, such as cold storage, to boost incomes and elevate quality of life for countless individuals. Powering Agriculture: Ethiopia drives the market for DRE to support at least 35 percent of new energy connections, while enabling climate adaptation and improving the livelihoods of farmers.

Our Work

Power for All has galvanized over 100 agriculture and energy stakeholders to evaluate the DRE market and ensure sector buy-in from key influencers and policymakers. In 2022, we officially launched a partnership with the Ministry of Lowlands and Irrigation to set the stage for a coordinated market transformation effort between the agriculture and energy sectors. In 2023, with government officials, development partners, and private sector actors, we are assembling a multi-sector task force to identify market constraints, establish joint responsibility, and catalyze sector support for a thriving, self-sustaining agricultural ecosystem.



Case study Powering Jobs

The Challenge

Energy poverty will not be solved by technology alone. Resolving the policy, finance, and deployment issues facing SDG7 requires investment in human capital—collective skills, knowledge, and creativity—to deliver universal energy access. This rapidly growing sector necessitates a coordinated global effort to develop a DRE workforce in energy-poor countries—including a clear understanding of access-based employment.

The Opportunity

The Powering Jobs campaign was launched in 2018 to drive understanding of the interdependencies between energy access, skills and employment. In an effort to help national governments understand the critical role that DRE can play in providing decent work and economic growth (SDG8) while delivering modern energy (SDG7), Power for All established an authoritative baseline study of the DRE workforce and projections of economic growth that accompanies the achievement of universal access.

Our Work

Power for All's biennial Powering Jobs Census is the first and only survey of employment and skills in the energy access sector. Through hundreds of DRE company surveys, focus groups, and consultations, Powering Jobs proves that DRE is a jobs engine. The census fills a critical data gap and delivers evidence for local coalitions to advocate for ease-of-doing business regulations and workforce development policies that support the DRE sector. In 2023, Power for All is expanding Powering Jobs to include studies on productive use and developing the workforce of the future.



Media & communications 2022 highlights

Power for All has continued to build knowledge and mobilize support for decentralized renewables through global events, including panel discussions on the role of DRE in meeting development goals at the Global Off-Grid Solar Forum, Uganda Energy Week, and New York Climate Week. In addition, our unique campaign hashtags and communications efforts, designed to drive awareness and build a collective voice, gained impressive traction:

367 pieces in global publications—such as Bloomberg and CNBC Africa—covering the 2022 Powering Jobs launch

800 articles featuring Power for All

1.5 billion aggregate readership of articles featuring Power for All in over 100 countries

609 million aggregate readership of articles featuring the #PoweringJobs hashtag across continents

3 million impressions earned by the #PoweringAg hashtag

104 billion aggregate readership of articles on #PoweringAg



View: Dr. Carolina Pan, Director of Research spoke with Newzroom Afrika to discuss climate change and energy poverty.
November 3, 2022

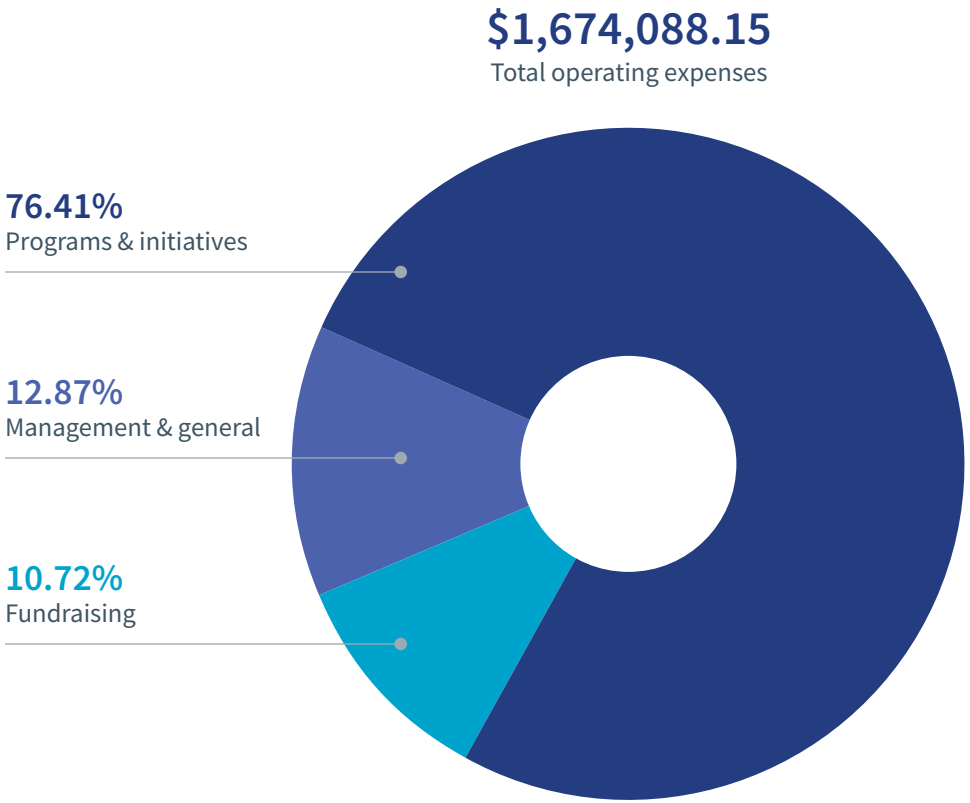


Read: Aashna Aggarwal wrote about the need for youth in the clean energy workforce.
November 22, 2022



View: Kristina Skierka was featured on CNBC Africa on the day of the global Powering Jobs Census launch.
September 19, 2022

Financial overview



Our costs are funded largely by foundations and aid agencies, as well as corporate partners and hundreds of individual donors committed to ending energy poverty with renewable power. We spend the majority of funds in the countries we operate in, including program costs for workshops and events, research and advocacy. As a U.S.-based 501(c)(3) nonprofit, Power for All's annual 990 filing with the Internal Revenue Service is publicly available. Power for All received the Platinum Seal of Transparency from Candid, the world's largest source of information on nonprofit organizations. This rating puts Power for All in the top 0.1% of charities nationally in terms of transparency.

Platinum
Transparency
2022

Candid.

Board of Directors & key milestones



Adam Browning
Co-founder and Former Executive Director, Vote Solar



David Hirsch
Vice President, Generate Capital



Sheila Oparaocha
Director, ENERGIA Network



Vish Palekar
Global Head IoT Partners, Energy and Utilities, AWS



Kandeh Yumkella
Former UN Under-Secretary-General and CEO of SEforALL



Kristina Skierka
Founder and CEO, Power for All

2015

Power for All announced at United Nations

Country programs launched in India, Nigeria, Rwanda, Sierra Leone and Zimbabwe

2016

Platform for Energy Access Knowledge (PEAK) created

Call to Action: Decentralized Renewables: The Fast Track to Universal Energy Access

2017

Call to Action: Decentralized Renewables: From Promise to Progress

DRE 101 Trainings commence in Ethiopia and Nigeria

2018

501(c)3 status awarded

Mini-grid advocacy initiative started

Utilities 2.0 integrated energy global initiative launched

2019

Call to Action: Utilities 2.0: Integrated Energy for Optimal Impact

Powering Jobs Census 2019: The Energy Access Workforce

2020

Beyond Access initiatives in health and agriculture started

Utilities 2.0 integrated business models published

2021

Utilities 2.0 pilot site commissioned in Uganda

Renewable energy incorporated into UN Food Systems Summit

2022

Powering Jobs Census 2022: The Energy Access Workforce

MOU signed with Ethiopian Government to launch Powering Agriculture: Ethiopia





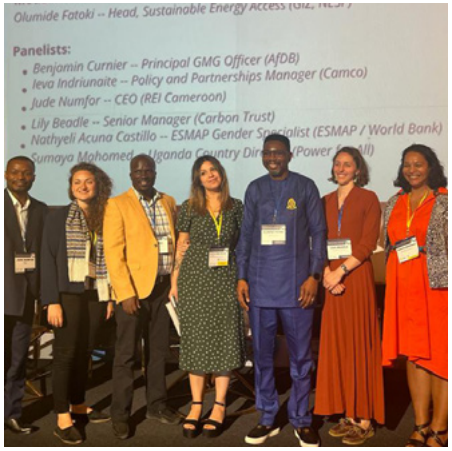




Thank you
from Power for All & our partners











Institutional funders Our partners in progress

Thank you in addition to the hundreds of individuals who have contributed to Power for All. Together, we will #EndEnergyPovertyFaster.

"Power for All is uniquely skilled in building powerful collaborations and managing complex partnerships—especially where those relationships don't currently exist. With Utilities 2.0, Power for All created deep trust and local ownership of the pilot project… The outcome of this collaborative effort brought together by Power for All is beginning to bring real contributions to Uganda's energy development and beyond."

Florence Nsubuga
COO, UMEME





POWER FOR ALL

Photos generously provided by: Ethiopia Ministry of Irrigation & Lowlands (p. 12 center), IRENA (p. 9), Mobisol (p. 2), Practical Action (p. 15), SEforALL (p. 12 middle left), Smart Power India (p. 6), and Solar Energy Foundation (p. 8).