

**EFFICIENCY
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ALTECH



WHAT DOES ALTECH DO?

90% of Congolese people lack access to electricity. Altech was founded to address this energy deficit. Altech helps to expand access to clean, reliable, renewable and affordable energy for off- and weak-grid households. It offers mobile payment options in installments, making products more accessible in the DRC.

WHAT HAS ALTECH ACHIEVED?

Altech has created a variety of solar home products used throughout the Democratic Republic of Congo (DRC), including solar home systems, solar lamps and clean cookstoves. It has sold over 300,000 products and impacted 1,500,000 lives. Altech has created over 4000 new jobs.



ALTECH AT THE FORUM

Altech's founder, Malango Washikala, will be attending the Forum. Come along to Efficiency for Access' booth to find out about Altech's new app, Sombambien, which lets users order solar systems to their door.



CONTACT DETAILS:

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BENALYA

WHAT DOES BENALYA DO?

Benalya helps to solve issues of energy access. It designs and integrates solar-powered solutions in Niger. It also distributes other products from manufacturers.



BENALYA AND EFFICIENCY FOR ACCESS

Benalya and Efficiency for Access met at the Global Off-Grid Solar Forum in 2020. Since then, the Efficiency for Access Research and Development Fund has directly funded Benalya's solar-powered greenhouse, fully integrated and adapted to Sahelian, arid climate contexts.



BENALYA AT THE FORUM

Benalya's Founder, Bendekken Moulay Bachir, will be attending the Forum. Come along to speak to him about possible partnership and investment opportunities!



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BONERGIE



WHAT DOES BONERGIE DO?

Bonergie is a solar company in Senegal which sells solutions for productive use in the nexus of water, energy and food. Its main products are solar water pumps and irrigation systems. It helps farmers in their transition from very costly diesel pumps to solar pumps, while offering the equipment on a credit basis.

WHAT HAS BONERGIE ACHIEVED?

Bonergie has installed more than 1000 solar water pumps. Its business model attracted investment from InfraCo Africa, who decided to invest €2.4 million in a joint SPC called Bonergie Irrigation SAS. This SPV has the objective to sell and install 2000 solar pumps and 500 irrigation systems within three years.



BONERGIE AT THE FORUM

Bonergie's CEO, Gabriele Schwarz, will be attending the Forum. She is looking forward to meeting like-minded companies in order to grow Bonergie's business further.



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@Bonergie_

<https://bonergie.com/>



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DEVIDAYAL



WHAT DOES DEVIDAYAL DO?

Devidayal Solar Solutions focuses on design, development and sales of solutions in the distributed renewable energy (DRE) cold chain space. It has created a variety of solar-powered, cold chain solutions, including solar, DC refrigerators, fans and solar charge controllers.

WHAT HAS DEVIDAYAL ACHIEVED?

Devidayal has sold over 31,500 solar solutions in four countries, with 94% of beneficiaries reporting an increase in sales. It was also awarded funding by the Efficiency for Access Research and Development Fund in 2019.



DEVIDAYAL AT THE FORUM

Devidayal's Managing Director, Tushar Devidayal, will be attending the Forum. Devidayal is keen to collaborate and expand its partnerships in Southeast Asia and Sub-Saharan Africa.

CONTACT DETAILS:

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ENRAPOWER



WHAT DOES ENRAPOWER DO?

ENRAPOWER is a last mile distributor of productive use energy systems. It offers DC water pumping solutions, solar generators powering small components such as hair clippers and sewing machines, and systems that give last mile communities flexibility to use various productive use components.

WHAT HAS ENRAPOWER ACHIEVED?

ENRAPOWER has won the SEED 2019 Awards for Africa, The Tony Elumelu Foundation Programme Entrepreneurship awards, is an E4Impact Champions and has been featured as a leading startup by the Egyptian government at Africa 2018 and 2019 Investment indabas.



ENRAPOWER AT THE FORUM

ENRAPOWER hopes that the Forum is a platform that will expose it to emerging and innovative solutions, key lessons from pioneers in the sector and networking opportunities to help improve operations and offerings.



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@EnraPowerPLC

<https://enrapower.com/>



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GRAMEEN SHAKTI



WHAT DOES GRAMEEN SHAKTI DO?

Grameen Shakti is a social enterprise, founded by Nobel laureate Professor Muhammad Yunus, with an aim of improving access to energy for the rural people of Bangladesh. It provides sustainable renewable energy solutions with an objective of socio-economic development, empowering women, creating green Jobs, alleviating poverty and reducing GHG emissions.

WHAT HAS GRAMEEN SHAKTI ACHIEVED?

Grameen Shakti has installed 1.8 million solar home systems, which accounts for 33% of the world installation and 40% of the national installation in Bangladesh. Grameen Shakti has reached over 12 million beneficiaries.



GRAMEEN SHAKTI

GRAMEEN SHAKTI AT THE FORUM

Grameen Shakti's Managing Director, Sohel Ahmed will be attending the Forum. He is looking forward to exploring partnership opportunities and demonstrating Grameen Shakti's impact.

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<https://www.gshakti.org/>



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HARNESS ENERGY

WHAT DOES HARNESS ENERGY DO?

Harness Energy is one of the biggest distributors of IEC-certified solar products in Pakistan, having partnerships in place with four manufacturers under the VeraSol umbrella. Its product range starts from a \$5 solar lantern and goes all the way up till 400W component-based SHS.

WHAT HAS HARNESS ENERGY ACHIEVED?

Harness Energy was the last distributor to join IFC's Lighting Pakistan in 2016, but within three years, became the biggest seller of solar lanterns in the country. Along the way, its CEO became an Acumen Fellow, it received grants from Shell LiveWIRE and d-prize. In 2019, our project won the Efficiency for Access Research and Development Fund Cooling call, and it was selected as a qualified supplier for the KfW-funded PRIME programme.



HARNESS ENERGY AT THE FORUM

This is the first time Harness Energy have attended the Global Off-Grid Solar Forum. They are excited for global exposure, and to discuss their new pilot projects with 12V evaporative air coolers and solar water pumps.



CONTACT DETAILS:

@harn_energy

<https://harnessenergy.pk/>



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IMPIPOWER

WHAT DOES IMPIPOWER DO?

impiPower provides an integrated solar power and finance to last mile households, businesses and farmers in Zimbabwe and beyond. It provides solar home systems, solar irrigation systems and rooftop installations for weak- and off-grid areas.

WHAT HAS IMPIPOWER ACHIEVED?

impiPower has given over 4,500 households access to light, and has employed over 50 local people. It has directly impacted over 20,000 people, saving over 15,000 tonnes of CO2 emissions.



impiPOWER

IMPIPOWER AT THE FORUM

ImpiPower are very much looking forward to attending the Off-Grid Solar Forum, to be able to network on a more global stage.

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INNOVEX



WHAT DOES INNOVEX DO?

Innovex is an IoT digital solutions developer for off-grid solar companies. Innovex provides an IoT platform called REMOT, consisting of a smart meter and web portal. REMOT enables remote performance monitoring and Pay-go for solar-powered systems and equipment.

WHAT HAS INNOVEX ACHIEVED?

Innovex has installed over 1,500 REMOT-enabled PUE solar systems and equipment across 8 African countries. It established a local electronics and plastic manufacturing facility for our electronics in Uganda. Efficiency for Access Research and Development Fund awarded Innovex funding to develop REMOT in 2019.



INNOVEX AT THE FORUM

Innovex is excited about the opportunity to meet potential clients that could benefit from using “REMOT” in the mid to long term. Innovex is also seeking potential partners who could bring more value to solar companies already using “REMOT”.

INNOVEX
Creating Technologies for Africa

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JIROGASY



WHAT DOES JIROGASY DO?

Jirogasy is a company based in Madagascar that specialises in producing SHS and other solar powered products, such as the Jirodesk Version 1 (V1), a solar-powered computer.

WHAT HAS JIROGASY ACHIEVED?

Jirogasy's computers are present in projects in 50 different villages and 8 regions. It is currently the only Madagascan company to produce its solar powered computer in Africa. It was awarded funding by the Efficiency for Access Research and Development Fund in 2019.



JIROGASY AT THE FORUM

Jirogasy's founder, Yann Kasay, will be attending the Forum. Jirogasy is excited to meet other SHS companies that are active in other African countries and follow market reviews by the different panels, which will help to connect with the right partners in the right market.



JIROGASY
L'INNOVATION SOLIDAIRE

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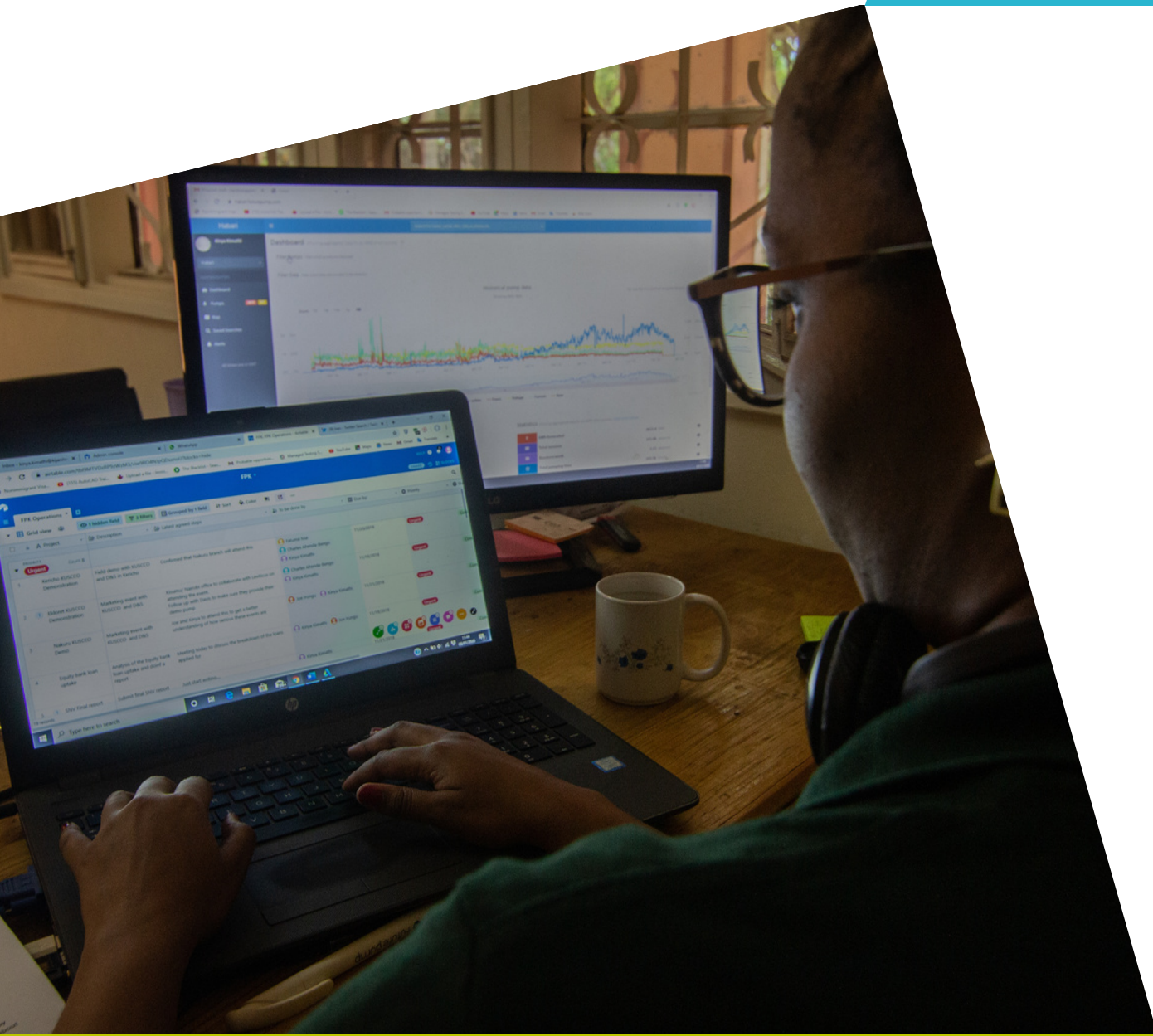
<https://jirogasy.com/>



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KIJANI TESTING LTD



WHAT DOES KIJANI TESTING DO?

Kijani Testing offers product validation services for sustainable innovations looking to scale in the Kenyan market. It bridges the gap between innovators and end users by focusing testing services on end user feedback.

WHAT HAS KIJANI TESTING ACHIEVED?

Kijani Testing originally focused solely on offering field testing services, but it has now expanded to offer product validation services on a broader scale. As product development experts, employees participated as mentors and judges in the Efficiency for Access Design Challenge.



KIJANI TESTING AT THE FORUM

Being a young company offering a vital service in a niche sector, Kijani Testing is looking to grow its brand by networking and forging partnerships.



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KISAMBARA VENTURES LTD



WHAT DOES KISAMBARA VENTURES DO?

Kisambara Ventures markets and sells electric pressure cookers (EPCs) by use of social media, through our sister company Jikoni Magic on YouTube, Instagram and Facebook. It also offers trainings and demonstrations on how safely, correctly and efficiently EPCs should be used.

WHAT HAS KISAMBARA VENTURES ACHIEVED?

It has sold almost 1000 EPCs and has been awarded funding by Modern Energy Cooking Services (MECS) based at Loughborough University, UK. Kisambara has collaborated with women groups, leaders of SACCOS in order to mitigate the initial high cost of acquiring the EPCs.



KISAMBARA VENTURES AT THE FORUM

Kisambara Ventures hope to meet up and collaborate with like minded individuals to further its impact in off-grid areas. Its CEO, Agnes Kalyonge, will be attending the Forum.

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<https://jikonimagic.com/>



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KUKULA SOLAR



WHAT DOES KUKULA SOLAR DO?

Kukula Solar is a for profit social enterprise that works with people at the base of the pyramid to deploy solar-powered technology. It distributes solar products for productive usage so that users can increase their income and create local jobs for women and youths.

WHAT HAS KUKULA SOLAR ACHIEVED?

Since 2017, we Kukula Solar has sold over 180,000 solar products. It has helped families save over \$10 Million dollars and avoided over 8,000 tonnes of CO2 emissions. It expanded operations into Malawi and has created 45 fulltime jobs in Zambia and Malawi and over 200 jobs for women and youth solarpreneurs.



KUKULA SOLAR AT THE FORUM

The GOGLA Forum presents an opportunity to network with investors, donors, and even fellow social entrepreneurs. Kukula hopes to create linkages with likeminded people in the solar for productive usage space during the Forum.

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<https://kukulasolar.com/>



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NEW LEAF DYNAMIC



WHAT DOES NEW LEAF DYNAMIC DO?

New Leaf aims to reduce pre-consumer losses or post-harvest losses in the agriculture value chain. To do this, New Leaf created GreenCHILL™; Biomass Powered Refrigeration Unit for safe storage of perishable produce using biomass and/or farm waste like rice husk, paddy straw, bagasse, maize waste, coffee husk, biogas or any type of dry crop waste.

WHAT HAS NEW LEAF DYNAMIC ACHIEVED?

New Leaf has implemented 100 units in India and installed one in Thailand. It recently raised over USD 800,000 in seed funding.



NEW LEAF DYNAMIC AT THE FORUM

New Leaf is looking to expand its reach to farmers in the African continent. Akash Agarwal, Founder and CEO will be attending the Forum, and is excited to interact with other key players in the energy and agricultural spaces.

New  leaf

CONTACT DETAILS:

@NewLeafDynamic

<https://newleafdynamic.com/>



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PMIC



WHAT DOES PMIC DO?

Pakistan Microfinance Investment Company Limited (PMIC) is a national-level institution for microfinance providers in the country. Its wholesale lending business currently serves 26 borrowing institutions, including microfinance providers and rural support networks.

WHAT HAS PMIC ACHIEVED?

PMIC has over 25 partners and 732,000 clients. It has loaned over Rs.27.371 billion. Its financing has enabled MFP clients to meet their energy needs to power their Off-grid appliances. 45,000 solar systems powering homes and small businesses have been financed through its implementing partners i.e. MFPs in Sindh and Punjab provinces.



PMIC AT THE FORUM

PMIC hopes to learn about new solar product offerings, get insights and experiences from other solar markets around the globe, meet practitioners and solar industry experts. It hopes to connect with other institutions with expertise in end-user subsidies, to inform its new programme.



PMIC

Pakistan Microfinance Investment
Company Limited

CONTACT DETAILS:

<https://www.pmic.pk/>



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POWERUP



WHAT DOES POWERUP DO?

Four billion people worldwide cook with inefficient solid fuels because alternatives are unaffordable and inaccessible. PowerUp exists to solve this problem, by providing affordable, electric, clean cooking solutions suitable for the African market.

WHAT HAS POWERUP ACHIEVED?

PowerUp has deployed over 1,000 electric pressure cookers, tracking usage, cost savings, and customer behaviour. PowerUp has designed a PAYGo smart-metered electric pressure cooker.



POWERUP AT THE FORUM

PowerUp is looking to connect with PAYGO producers and distributors, and mini-grid financiers to promote the availability and usage of electric cooking.



CONTACT DETAILS:

@PowerUPworks

<https://www.powerup.works/>



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PTEAH BAITONG



WHAT DOES PTEAH BAITONG DO?

Almost 80% of the Cambodian population lives in rural areas, where the access to electricity rate does not exceed 50%. To tackle this energy challenge, the French NGO Entrepreneurs du Monde launched Pteah Baitong, in partnership with Chamroeun Microfinance, to take advantage of the unexploited solar potential in Cambodia. It provides households with clean, efficient and long-lasting solar-powered products.

WHAT HAS PTEAH BAITONG ACHIEVED?

Pteah Baitong has helped over 750 families in Cambodia to access energy. It installed solar micro-grids which produce enough green, affordable and reliable electricity for equipment needed for income generating activities. By doing this, it has helped to influence the Cambodian government into electrifying all villages in Cambodia.



PTEAH BAITONG AT THE FORUM

Pteah Baitong and Entrepreneurs du Monde will be attending the Forum and hoping to connect with organisations that have expertise in farming, agriculture and solar-powered irrigation.



CONTACT DETAILS:

<https://www.pteahbaitong.com/>



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S4S TECHNOLOGIES



WHAT DOES S4S TECHNOLOGIES DO?

S4S technologies provide solar-powered food processing equipment (cutters and solar powered dehydrators) to small holder farmers to convert their imperfect produce / lower grade produce (which would go waste) to food ingredients. S4S technologies not only provide the technology but also the entire end-end ecosystem for the smallholder farmers to use the types of equipment i.e. financing and market linkage.

WHAT HAS S4S TECHNOLOGIES ACHIEVED?

S4S currently works with 30,000 small holder farmers and 1000 women micro-entrepreneurs. It has prevented 40,000 tonnes of produce from getting wasted and over 300,000 tonnes of CO2 from entering the environment. It also works exclusively with women farmers, helping them earn an assured additional income.



S4S TECHNOLOGIES AT THE FORUM

S4S is expanding to African sub-continent and is looking for partners who would the expansion and serve small holder farmers of Africa. S4S is also hoping to enable the ecosystem to look at food processing in a sustainable way.

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@S4sTechnologies

<https://s4stechnologies.com/>



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SKYPOWER



WHAT DOES SKYPOWER DO?

SkyPower supplies and distributes affordable and reliable solar energy for lighting and productive use options to the pastoral and agro pastoral communities in Ethiopia.

WHAT HAS SKYPOWER ACHIEVED?

SkyPower has introduced solar technology to the rural communities who had never seen either off-grid or on-grid lighting other than the sunlight in their life.



SKYPOWER AT THE FORUM

Through this GOGLA forum, SkyPower hopes to garner the necessary knowledge, innovative business practices and partnerships that will enhance its business performance and accelerate replication of best practice across the sector.



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SOLAR COOLING ENGINEERING



WHAT DOES SOLAR COOLING ENGINEERING DO?

Solar Cooling Engineering GmbH (SCE) focuses on promoting solar-powered cooling solutions for agri-food value chains to enhance food security and food safety by reducing post-harvest losses.

WHAT HAS SCE ACHIEVED?

SCE was awarded funding by the Efficiency for Access Research and Development Fund. Its cooling systems span across 8 African countries with a total of 44 small and medium systems. In addition, SCE has developed training transcripts and demonstration systems suitable for all kinds of capacity building activities.



SCE AT THE FORUM

SCE hopes to gain new insights of the sector in the sessions and is especially delighted that there are even some sessions specifically on the topic of productive use and cooling.



**Solar
Cooling
Engineering**

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<https://solar-cooling-engineering.com/>



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SOLARCOOL

WHAT DOES SOLARCOOL DO?

SolarCool provides solar-powered cold chain storage to address food and other waste (like vaccines) in regions with unstable access to electricity and power. Solarcool promotes sustainable and resource-efficient actions for long-term socio-economic and environmental benefits.

WHAT HAS SOLARCOOL ACHIEVED?

Solarcool has won three awards, including the 2022 Global LEAP Awards Off-Grid Cold Chain Challenge, Nigeria Energy Award, and Arise Africa. Its cold room has attained a new standard with the installation of remote monitoring, IoT, basic usage data storing, setting alerts, and sensors. This remote measurement setup is a step toward a standardised, globally acceptable product.

SOLARCOOL AT THE FORUM

SolarCool hopes to connect with social impact funders and donors with that will help us achieve its goal of deploying 300 walk-in solar cool cold rooms in areas without electricity that rely on cold-chain to improve their income and livelihood in Africa reducing emission and creating jobs.

 **Solarcool**

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SOLIBRIUM



WHAT DOES SOLIBRIUM DO?

Solibrium deals with distribution of affordable solar systems to the underserved communities in Kenya. Solibrium is a distributor of high-quality and affordable solar appliances for home use, small businesses, and institutions. All Solibrium products are Verasol certified and are PAYGo enabled.

WHAT HAS SOLIBRIUM ACHIEVED?

Solibrium has had some major milestones which include:

- Successfully piloting the sales of mainstream solar products and proving a business concept and expansion beyond the Western Kenya.
- Implementing the KOSAP {Kenya Off-grid Solar Access Project} in the marginalized counties in Kenya through the Ministry of Energy Incentive.
- Spearheading the E-waste Projects through awards from myclimate and CLASP.



SOLIBRIUM AT THE FORUM

Solibrium is looking forward to interacting with other businesses, both in the manufacturing and distribution industry. It hopes to gather more insights on promoting the solar business, while exploring different productive use solutions offered in other countries and the possibility of replicating the same in Kenya.



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SUPERSTAR RENEWABLE ENERGY

WHAT DOES SUPERSTAR RENEWABLE ENERGY DO?

SuperStar Renewable Energy manufactures, imports and distributes off-grid accessories and appliances. It works with distributors across Bangladesh to supply homes with renewable energy.

WHAT HAS SUPERSTAR RENEWABLE ENERGY ACHIEVED?

SuperStar Renewable Energy supplies around 355000 homes with electricity from its solar home systems and solar-powered appliances.



SUPERSTAR RENEWABLE ENERGY AT THE FORUM

Through participating Forum, SuperStar Renewable Energy want to learn from other attendees on how to improve its appliances, as well as make them efficient and cost effective for the end users.

CONTACT DETAILS:

<https://www.ssgbd.com/super-star-renewable-energy-limited>



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WALA

WHAT DOES WALA DO?

Wala sells productive, solar powered technologies to small holder farmers on credit, while also training them to do farming as a business and linking them to markets.

WHAT HAS WALA ACHIEVED?

Wala has enabled the adoption of over 0.03MW renewable energy in Malawi with high impact results on the lives of small holder farmers. It has connected over 40 farmer groups to off-takers in the soya bean value chain, and it has trained close to 200 farmers in how to do farming as a business.



WALA AT THE FORUM

Wala's CEO, Priscilla Chimwele, will be attending the Forum. She hopes to connect to other business and funders in the sector, with a specific interest in gender equality and smallholder farmers.



CONTACT DETAILS:

@WalaLTD

<https://walacleanenergy.com/>



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ZAWADISHA KENYA LTD

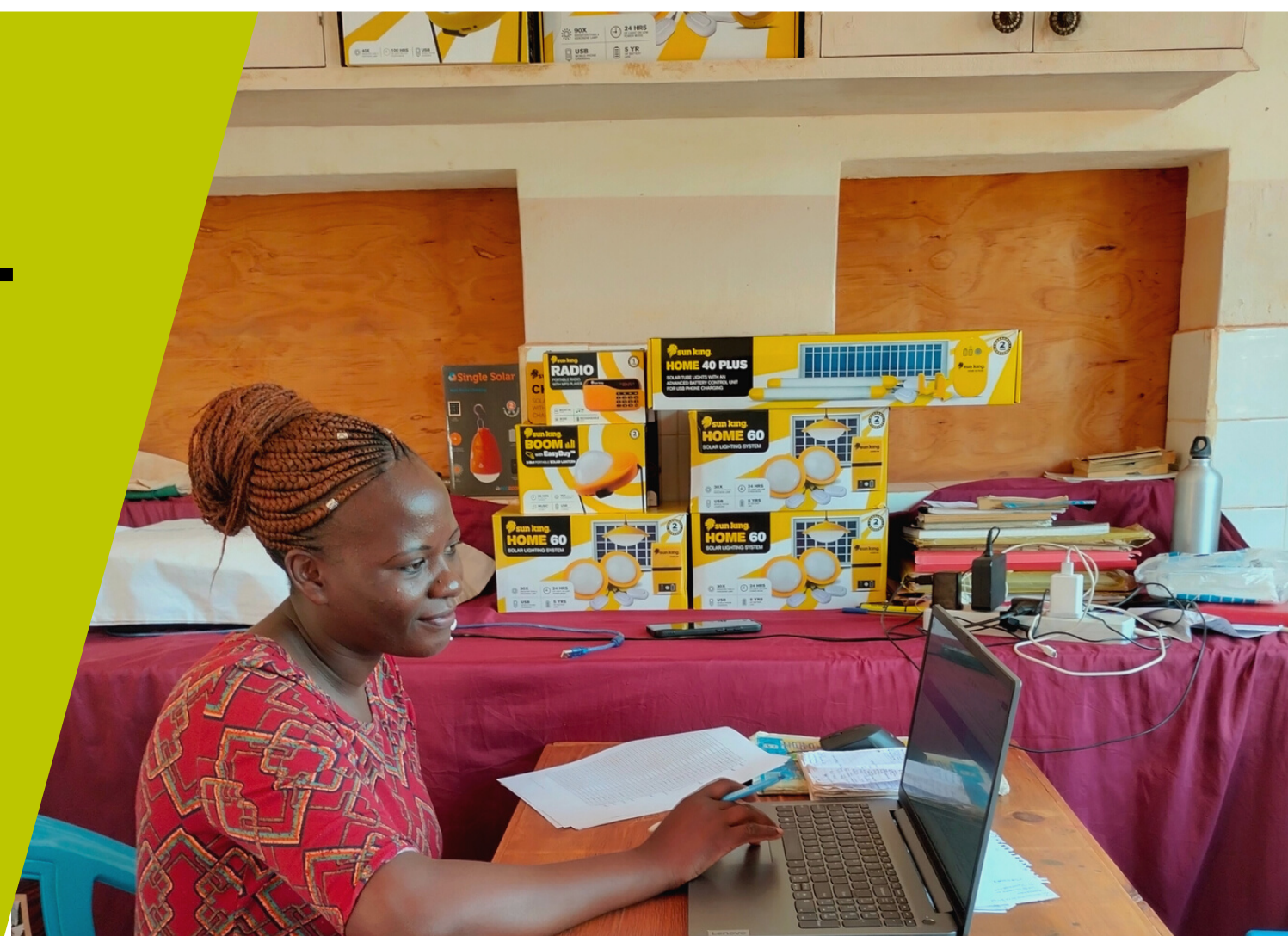


WHAT DOES ZAWADISHA KENYA DO?

Zawadisha provides small loans to rural Kenyan women to help finance their livelihoods. It removes the barriers for rural women to access clean energy and water products by eliminating up-front costs through an in-house financing and distribution program. Zawadisha provides loans for items like solar lamps, rainwater tanks, and clean cookstoves.

WHAT HAS ZAWADISHA ACHIEVED?

Since Zawadisha started, it has provided over 2000 households with solar lights and clean cookstoves in rural Kenya. It trained over 3000 women in entrepreneurship skills, income generating activities like crafts, and helped to connect them to partner organisations for the market of their crafts.



ZAWADISHA AT THE FORUM

Zawadisha hopes to connect with other organisation to explore how new technologies can address funding for women-led companies, unlock potential and transform the lives of off-grid communities in rural Africa by bringing in new solar technologies.

ZAWADISHA

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