

EEP AFRICA NEW PORTFOLIO 2025



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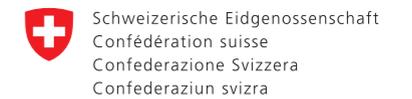
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Nordic Development Fund
Fabianinkatu 34
00100 Helsinki
FINLAND

info@eepafrica.org
www.eepafrica.org

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Government of Iceland
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Swiss Agency for Development
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About EEP Africa

The Energy and Environment Partnership Trust Fund (EEP Africa) is a clean energy financing facility hosted and managed by the Nordic Development Fund (NDF), with funding from Austria, Denmark, Finland, Iceland, NDF, Norway, and Switzerland. It is guided by a vision for a climate-resilient, zero-carbon future, with the aim of contributing to the achievement of the Paris Climate Agreement and Sustainable Development Goals (SDGs). The immediate objective is to enhance clean energy access, development, and investment, with a particular focus on benefitting vulnerable and underserved groups.

EEP Africa provides risk-tolerant, early-stage grant financing for locally-driven innovative clean energy projects, technologies, and business and delivery models in Southern and Eastern Africa. Since 2010, EEP Africa has committed more than EUR 107 million to 350 pioneering projects, creating more than 12,800 jobs, improving clean energy access for more than 5.2 million people, and avoiding 2 million tonnes of CO₂e.

About the New Portfolio

Following Investment Committee decisions and contracting, the portfolio has 30 companies, with a funding volume of EUR 10.5 million, out of a total project cost of EUR 18.4 million. The grant amounts range from EUR 200,000 to EUR 750,000. The average grant committed to in this round is EUR 351,421 while the average project cost is EUR 613,229. 70% of the projects fall in the average funding range of EUR 250,000 to 500,000 (see Figure 1).

The newly selected projects cover 12 of the 17 EEP Africa target countries. In addition, one regional project covers Malawi/Zambia (see Figure 2). A notable observation is the representation of Madagascar, a new EEP Africa country: while Madagascar-based projects constituted only 3% of Expression of Interest (EOIs), they comprise 13% of the final portfolio. In contrast to last year, when Uganda led in the number of approved projects, no Ugandan projects were selected in the cohort.

In line with the EoIs, the majority of the projects in the portfolio focus on solar as their primary renewable energy source (see Figure 3). In terms of technology, most projects in the portfolio are focused on productive uses of energy (36%), followed by mobility (19%) and residential electricity access and clean cooking (both 13%). Only a handful of projects in the cohort focus on energy efficiency

Figure 1. Percentage of projects per funding category.

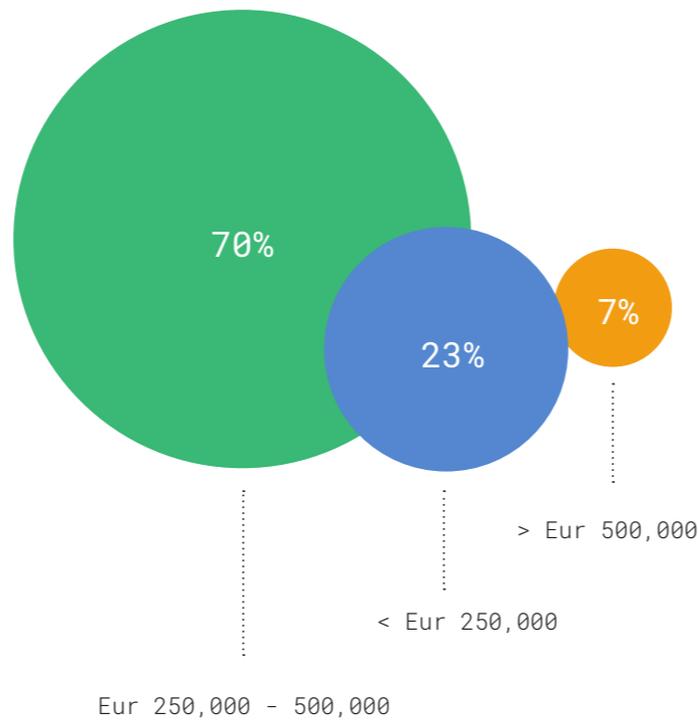


Figure 2. Percentage of projects per funding category.

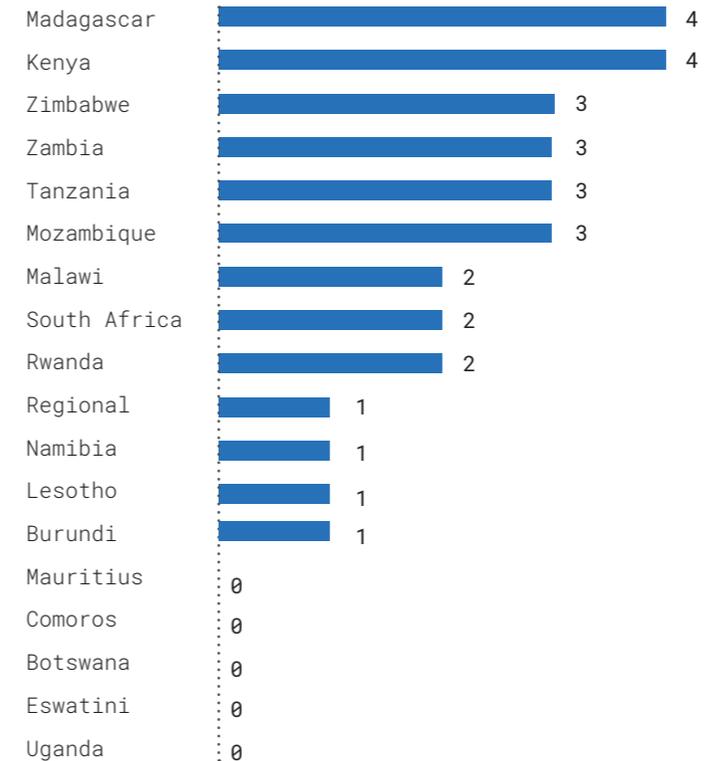
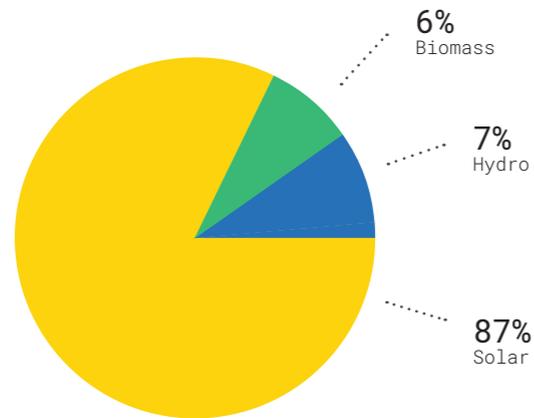


Figure 3. Primary renewable energy source in portfolio companies.

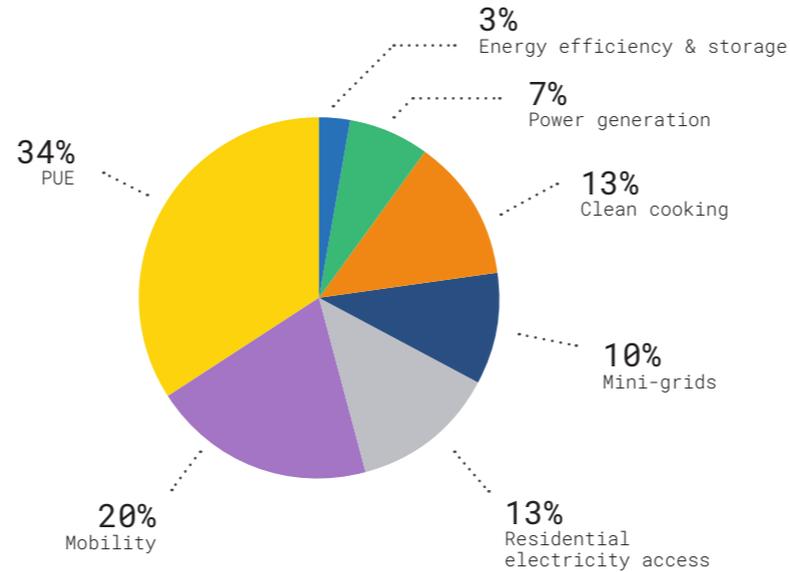


and storage and power generation, representing less than 10% of the overall portfolio (see Figure 4).

Productive uses of energy (PUE), mobility and clean cooking projects secured the highest funding (see Figure 5) – these are the technology groups with the largest numbers of projects in the cohort.

The majority of the new cohort are pilot projects, followed by scale-up projects. Together they constitute 87% of the portfolio (see Figure 6).

Figure 4. Technology distribution of portfolio.



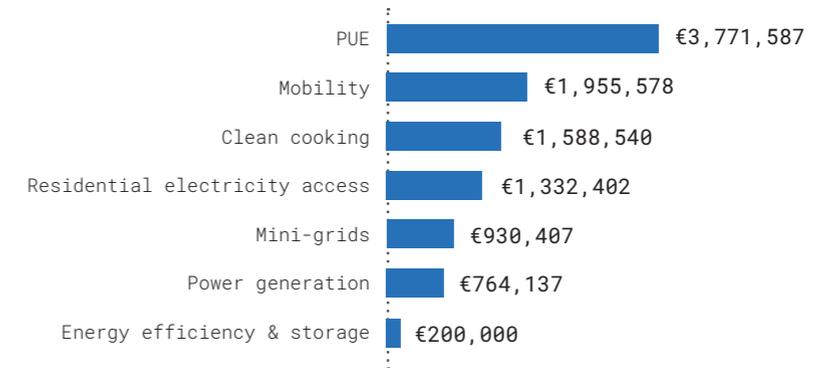
The single feasibility study, implemented by HDF Energy South Africa Pty Limited, will assess a proposed hybrid renewable energy plant in Zimbabwe, combining wind, solar and hydrogen technologies.

Most pilot projects are concentrated in the mobility and PUE technology sectors (see Figure 7). The two pilot projects in clean cooking focus specifically on emerging electric cookstoves, and while the residential electricity access sector is generally

considered relatively mature, a majority of the projects within this sector focus on the emerging Energy-as-a-Service business model.

Considering leadership, all companies in the new portfolio are locally led (meaning they have a strong local presence within the project country). 80% of the companies have a majority shareholder nationality in Sub-Saharan Africa.

Figure 5. EEP Africa funding in the final portfolio per technology.



True to EEP Africa’s mandate, 80% of the new cohort is at the start-up or commercialisation stage in terms of company maturity based on their revenue, profitability, and funds raised to date (see Figure 8). Only 20% of portfolio are categorised as scale-ups or mature enterprises.

Figure 6. Project type composition in portfolio.

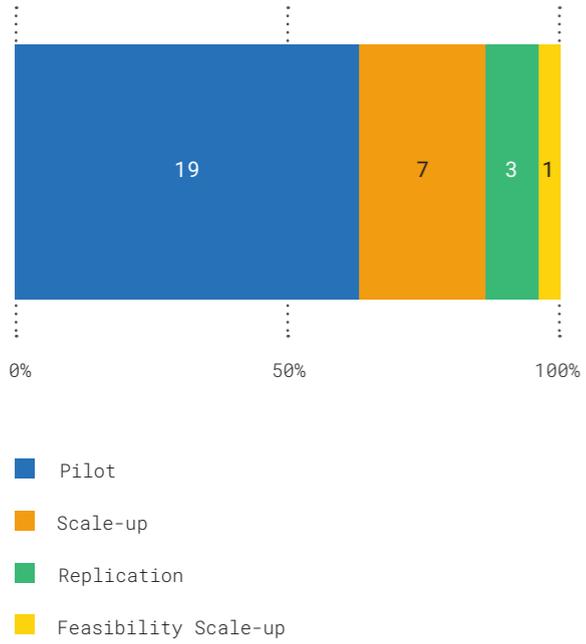


Figure 7. Project types per technology in portfolio.

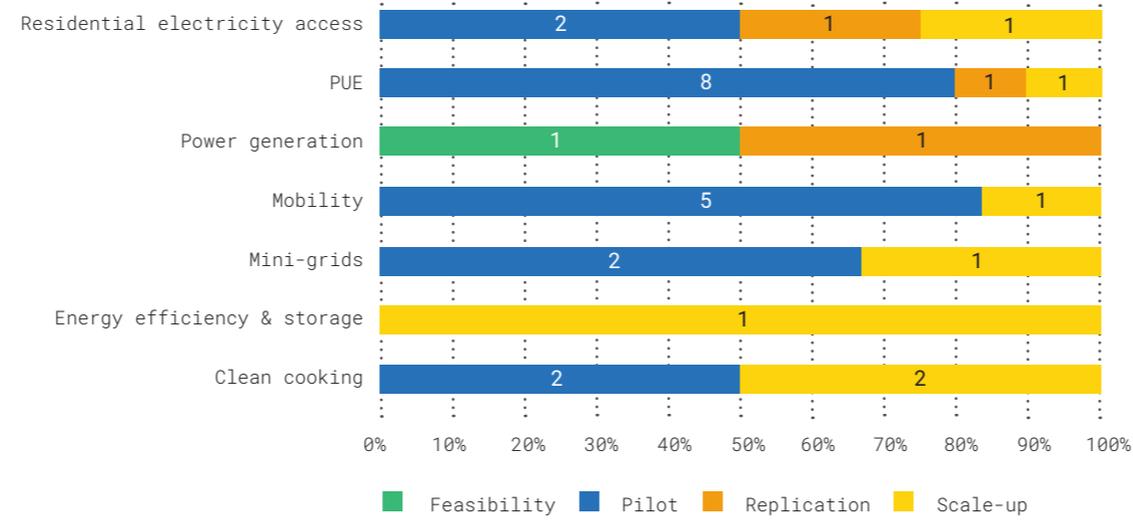
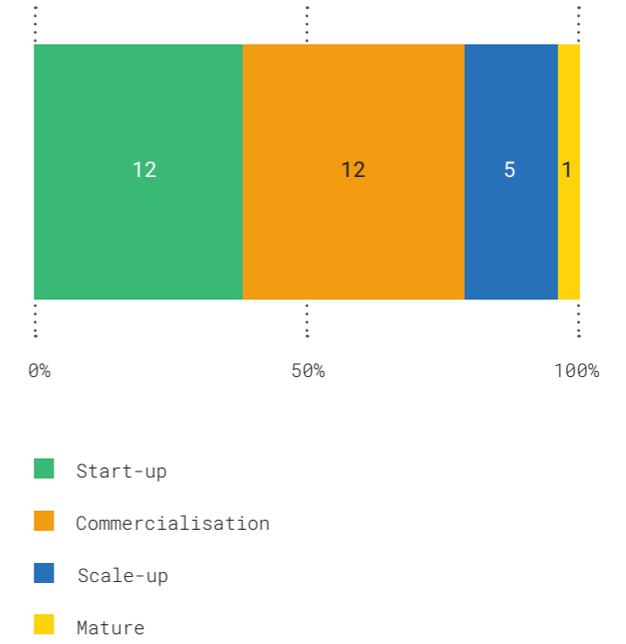


Figure 8. Company maturity of portfolio companies.



Company Profiles

a. Productive use of energy projects

Drop Access Limited



Company description

Drop Access Limited is a women-led company specialised in the manufacturing and supply of solar-powered refrigeration technologies for the healthcare and food industries in Kenya.

Project summary

Drop Access Limited aims to bridge healthcare cold chain gaps in Northern Kenya by scaling the use of Vaccibox, a portable solar-powered refrigeration solution, for both human and animal health.

Technology

PUE

Renewable energy source

Solar

Project type

Pilot

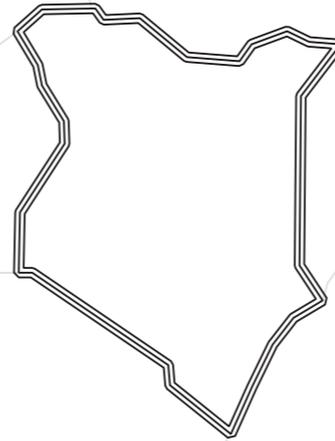
Vaccibox, Portable Solar Healthcare Fridge for Kenya

Location
Kenya

This project will scale Drop Access Limited's lease-to-own and cooling-as-a-service business model to enhance healthcare refrigeration accessibility in remote and challenging environments. Vaccibox units will be deployed to public and private health facilities and veterinary services in Isiolo, Laikipia, and Turkana counties. Furthermore, the deployment of IoT technology will improve the company's operational performance and reduce medical item wastage.

Outcome and Impact

The project aims to deploy 100 Vaccibox units, each with a 50L capacity. Additionally, this initiative will create nine new jobs, with all positions projected to go to youth and over half to women.



Total project budget

EUR 607,495

EEP Africa financing

EUR 393,614

Relevant SDGs



Toto Safi Limited



Company description

Toto Safi Limited is a Rwandan company which produces and sells high-quality, affordable reusable diapers through direct-to-consumer and retail channels while partnering with local women's tailoring cooperatives, providing them with tools for manufacturing and training.

Project summary

Toto Safi Limited intends to manufacture high-quality and affordable reusable diapers using solar-powered sewing machines operated by local women's cooperatives in Rwanda.

Technology

PUE

Renewable energy source

Solar

Project type

Pilot

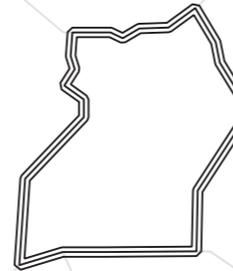
Manufacturing Reusable Diapers Using Solar-Powered Machines

Through this project, Toto Safi Limited will train and equip women-led cooperatives with solar sewing machine packs, enabling them to manufacture Toto Safi reusable diapers. The cooperatives will also be equipped with faster and more efficient machines that can handle a diverse range of fabrics, allowing them to expand their clientele and increase income beyond Toto Safi orders.

Outcome and Impact

Toto Safi Limited aims to deploy 50 solar-powered sewing machines to 15 women-led cooperatives, enhancing clean energy access for 200 people. Additionally, the company will create 50 new jobs, with an emphasis on female and youth employment.

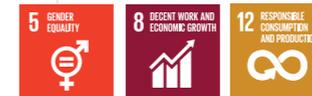
Location
Rwanda



Total project budget
EUR 380,680

EEP Africa financing
EUR 266,448

Relevant SDGs



Uranus Solar Limited



Company description

Uranus Solar Limited focuses on last-mile distribution of solar products to rural communities in Mozambique.

Project summary

Uranus Solar Limited intends to pilot the distribution of productive use appliances in rural communities in Mozambique through a payroll deduction financing scheme.

Technology

PUE

Renewable energy source

Solar

Project type

Pilot

Productive Use Appliances Financing in Mozambique

By introducing four novel PUE products - barber packs, sewing machines, phone chargers, and public amplifiers - through a new distribution model to rural Mozambique, Uranus Solar Limited offers new income-generating opportunities for local micro-entrepreneurs.

Outcome and Impact

The project aims to sell 1,600 productive use appliances, enhancing energy access for 6,880 people. The company will create 106 new jobs, with almost all positions projected to go to youth and half to women while also further enhancing female leadership positions.

Location
Mozambique



Total project budget

EUR 579,884

EEP Africa financing

EUR 398,365



Relevant SDGs



Little Sun Zambia Limited

**Company description**

Little Sun Zambia Limited supplies solar energy to individual households in Mumbwa, Zambia, via a Pay-As-You-Go (PAYG) model.

Project summary

The company will develop six solar-powered community energy hubs for instant milk chilling, boosting income for small-scale farmers through market integration with Zambia's dairy industry.

Technology

PUE

Renewable energy source

Solar

Project type

Replication

Little Sun Chibombo Community Energy Hubs

Location
Zambia

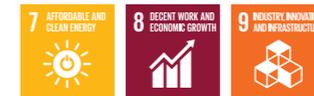
This project enhances the participation of 228 smallholder farmers in Chibombo's formal milk market by establishing community energy hubs. These hubs will provide farmers with access to electricity, enabling the use of milk chilling technology and automatic milk analysers with real-time data monitoring capabilities. By increasing milk production from one to two cycles per day, Little Sun Zambia will facilitate a shift from subsistence farming to market-focused production, enabling future expansion.

Outcome and Impact

Through the establishment of six solar-powered community energy hubs, the project expects 2.5 million litres of milk to be chilled by smallholder farmers. The company will also create 70 new jobs, with half of these positions allocated to women and nearly all to youth.

Total project budget
EUR 408,000

EEP Africa financing
EUR 204,000

**Relevant SDGs**

Gommyr Power Networks Limited



Company description

Gommyr Power Networks Limited is a specialist renewable microgrid project developer and service provider, covering the technical and economic aspects of localised power solutions.

Project summary

GoHubs Mozambique is a transformative network of solar-battery microgrid-powered productive hubs delivering critical services including ice, cold-storage, and cold chain transport to deliver green growth to the artisanal fishing sector.

Technology

PUE

Renewable energy source

Solar

Project type

Pilot

GoHubs Mozambique: Green Microgrid Productive Hub Network

Location
Mozambique

The solar-powered microgrid hubs in Mozambique's Inhambane province, will use solar power and battery storage to provide essential services such as ice production and cold storage, enhancing fish preservation and processing, reducing spoilage and improving market access for over 300 fisherman and fish resellers. Gommyr Power Network's new operating platform will optimise energy use and hub performance.

Outcome and Impact

The project aims to establish two solar-powered microgrid hubs, which are expected to produce 72,000 kg of ice, store 24,000 kg of goods in cold rooms, and purify 300,000 litres of water. Additionally, the company will create 32 new jobs, with half of the positions projected to go to women and youth.

Total project budget

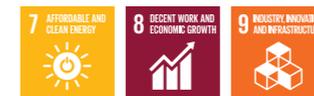
EUR 763,588

EEP Africa financing

EUR 458,592



Relevant SDGs



Wenashe Farms



Company description

Wenashe Farms is a women-led company dedicated to empowering women subsistence and youth farmers, and facilitating fair market access along the legume value chains.

Project summary

With a vision for year-round food production, Wenashe Farms integrates soilless farming and agrivoltaics technologies, establishing a 90% water-energy efficient model using hydroponics and clean energy in urban areas.

Technology

PUE

Renewable energy source

Solar

Project type

Pilot

Soil-to-Soilless Farms in Zimbabwe

Location
Zimbabwe

The project aims to develop a self-sustaining, scalable business model that addresses Zimbabwe's challenges in open-field farming such as soil degradation and water scarcity. By utilising solar-powered greenhouses for year-round cultivation, and employing hydroponic systems, the project will enable the aggregation and production of high-value, nutritious legume crops.

Outcome and Impact

The project will establish a demonstration solar-powered shared hydroponic farm with 10 horticulture production tunnels and will deploy 10 decentralised solar-powered hydroponics units to female agripreneurs. In total, the project has a capacity to produce and supply over 250 tonnes of fresh produce. Additionally, the company will create 25 new jobs, with an emphasis on female and youth employment, and establish a digital platform to promote sales.

Total project budget
EUR 494,389

EEP Africa financing
EUR 344,369



Relevant SDGs



Jaza Energy



Company description

Jaza Energy focuses on providing affordable and reliable energy solutions to rural African communities, operating in Tanzania and Nigeria.

Project summary

Jaza Energy will deploy 5,000 Enterprise Pack battery solutions to 500 rural micro-entrepreneurs and conduct applied research to optimise product design, access market size, and determine the most effective business model.

Technology

PUE

Renewable energy source

Solar

Project type

Pilot

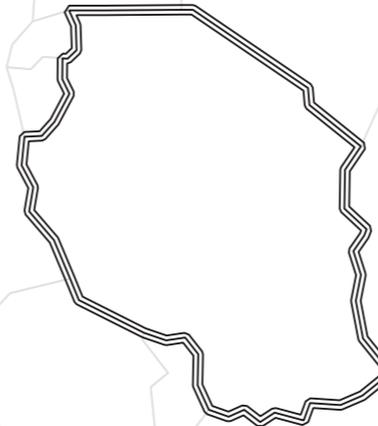
Raising Productivity in Last Mile Communities

Through this project, Jaza Energy will develop, deploy, and test a new Enterprise Pack solution specifically designed for rural micro-entrepreneurs in Tanzania. The new battery pack is a larger version of the battery financed in a previous EEP Africa project, providing business owners the opportunity to increase their revenues by powering their businesses reliably and affordably.

Outcome and Impact

The project aims to deploy 5,000 modular battery packs of 100Wh - 1kW, enhancing clean energy access for 21,500 people. Additionally, the company will create 45 new jobs, with over half of the positions projected to go to youth and women.

Location
Tanzania



Total project budget
EUR 800,000

EEP Africa financing
EUR 224,463



Relevant SDGs



RDG Collective Limited



Company description

RDG Collective Limited is a last mile distributor of PAYG solar products, operating across nine provinces in Zambia and the Democratic Republic of Congo.

Project summary

RDG Collective Limited is piloting a portable solar generator, the BaseCharge, that will empower off-grid and weak grid SME's with affordable, reliable, and renewable power.

Technology

PUE

Renewable energy source

Solar

Project type

Pilot

Productive Use Empowerment

RDG Collective Limited will distribute BaseCharger units with solar panels, using its existing last mile distribution network. The BaseCharge, especially designed for a weak and off-grid market, will facilitate access to productive use of energy for businesses and institutions.

Outcome and Impact

The project aims to deploy 440 BaseCharger units, 220 units at 600W capacity with 200W solar panels and 220 units at 1500W capacity with 600W solar panels, enhancing clean energy access for 2,112 people. Additionally, the company will create 82 new jobs, with an emphasis on youth employment.

Location
Zambia

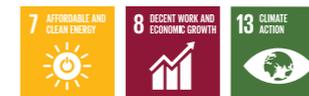


Total project budget
EUR 564,990

EEP Africa financing
EUR 282,120



Relevant SDGs



Green Impact Technologies



Company description

Green Impact Technologies focuses on providing productive uses of energy solutions while leveraging innovative PAYG models and strategic partnerships.

Project summary

The “Affordable Solar-Freezers” project boosts MSME incomes in Malawi and Zambia by distributing solar-powered freezers using PAYG financing, enhancing energy access and economic development through strategic partnerships and community engagement.

Technology

PUE

Renewable energy source

Solar

Project type

Scale-up

Affordable Solar-Freezers: Boosting Malawian-Zambian MSMEs Incomes

Location
Malawi and Zambia

This project seeks to empower MSMEs in both rural Malawi and Zambia, through the deployment of solar-powered and PAYG enabled freezers. This will enhance local business operations, reduce spoilage up to 30% and increase revenue through improved preservation of perishable goods.

Outcome and Impact

Green Impact Technologies aims to sell 300 solar-powered freezers (208 litres capacity) in Malawi and an additional 200 units in Zambia, enhancing clean energy access for 2,280 people. The company will create 108 new jobs, with a focus on hiring youth.

Total project budget
EUR 1,400,000

EEP Africa financing
EUR 700,000



Relevant SDGs



TRUK Rwanda Limited



Company description

TRUK Rwanda Limited provides sustainable cold chain logistics for the avocado value chain, reducing barriers for farmers through pay-as-you-store options.

Project summary

TRUK Rwanda Limited aims to establish 4 rural off-grid solar cold rooms and a solar packhouse in Kigali, enabling the company to aggregate avocados from over 10,000 smallholder farmers.

Technology

PUE

Renewable energy source

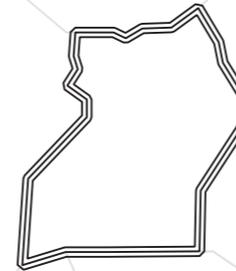
Solar

Project type

Pilot

Scaling Rwanda's Avocado Exports with Solar-Powered Logistics

Location
Rwanda



This project will provide end-to-end cold chain logistics for avocados from smallholder farmers, through the combination of first-mile cold rooms at the village level, refrigerated trucks and a solar packhouse, extending an avocado's shelf life from 3 to 22 days. Packed avocado's will be transported to Mombasa and Dar es Salaam ports.

Outcome and Impact

TRUK Rwanda Limited will offer pay-as-you-store cold room daily rentals or rentals by crates, anticipating 11,400 sales in storage services. The company will also create 73 new jobs, with an emphasis on youth employment.

Total project budget

EUR 1,017,178

EEP Africa financing

EUR 499,616



Relevant SDGs



b. Mini-grid projects

Africa GreenTec Madagascar



Company description

Africa GreenTec Madagascar empowers private households and SMEs by providing access to electricity, microfinance, and business consulting.

Project summary

The project will demonstrate modular nano-grid energy solutions and integrate direct-drive technology for post-harvest processing in small rural villages.

Technology

Mini-grids

Renewable energy source

Solar

Project type

Pilot

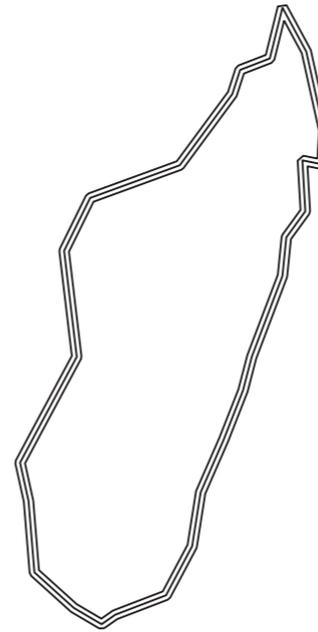
Scalable Nano-Grids for Rural Madagascar

This project will demonstrate modular energy supply solutions for small rural villages using Powerblox's innovative nano-grid technology, featuring affordable tariffs. It will also integrate direct-drive technology for post-harvest processing, enabling the use of powerful machinery without requiring costly batteries and while creating employment opportunities.

Outcome and Impact

This project aims to establish 292 client connections through the Powerblox's nano-grid technology and eight connected husking mills, enhancing clean energy access for 1,343 people.

Location
Madagascar



Total project budget

EUR 421,993

EEP Africa financing

EUR 230,943

Relevant SDGs



Community Energy Malawi Trading Limited



Company description

CEM Trading Limited's mission is to be a reliable supplier and provider of renewable energy technologies to Malawians.

Project summary

The project aims to provide uninterrupted, clean, and affordable energy across three villages by expanding an existing 80kW mini-grid system to 160kW.

Technology

Mini-grids

Renewable energy source

Solar

Project type

Scale-up

Sitolo 80kW Minigrid Expansion to Accelerate Electricity Access

Through this project, the capacity of the Sitolo 80kW solar mini-grid will be increased in order to stabilise supply and add new customers. Additionally, CEM Trading Limited will explore opportunities for electric cooking to enhance community health and environmental sustainability while integrating e-cooking solutions on a pay-as-you-go financing system.

Outcome and Impact

CEM Trading Limited aims to connect 807 additional households and businesses to the Sitolo mini-grid, and to sell 148 e-cooking stoves with a 0.5-1kW capacity, enhancing clean energy access for 4,201 people. Furthermore, the company will create 39 new jobs, with over half of the positions projected to go to youth.

Location
Malawi



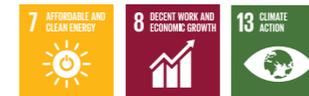
Total project budget

EUR 548,983

EEP Africa financing

EUR 380,342

Relevant SDGs



G-HiTech



Company description

G-HiTech is dedicated to sustainable energy solutions that promote socio-economic development across Africa, having developed an innovative mesh-grid technology in partnerships with universities in Belgium and South Africa.

Project summary

The project will install three solar-powered energy hubs to enhance sustainable fishing practices on Lake Tanganyika, Burundi.

Technology

Mini-grids (mesh grids)

Renewable energy source

Solar

Project type

Pilot

RenewFish: Empowering Burundi Fisheries with Renewable Energy

The 'RenewFish' project will establish three solar-powered energy hubs with storage systems, combining an energy-as-a-service and charging-as-a-service model while offering daily recharging of batteries for fishing lights. G-HiTech will also introduce productive use of energy equipment to enhance fish catch, while training the community to fully leverage these solutions.

Outcome and Impact

The project aims to sell 76 productive use appliances like freezers, ice block machines, and fishing lanterns with batteries, and expects 237,600 sales in charging services. Additionally, the company will create 22 new jobs, with over half of the positions projected to go to youth.

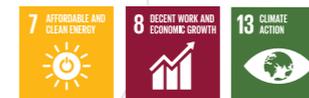
Location
Burundi



Total project budget
EUR 475,276

EEP Africa financing
EUR 319,122

Relevant SDGs



c. Power generation projects

NeedEnergy



Company description

NeedEnergy AS aims to accelerate Zimbabwe's renewable energy adoption through a Virtual Power Plant by creating a behind-the-meter market, deploying smart meters, and by transferring risk from the national utility to off-takers.

Project summary

The project aims to build a Virtual Power Plant (VPP), aggregating distributed energy resources through smart meter infrastructure and a proprietary VPP software to trade across the grid through net-metering.

Technology

Power generation

Renewable energy source

Solar

Project type

Replication

NeedEnergy Virtual Power Plant Zimbabwe

Location
Zimbabwe

The NeedEnergy VPP aims to aggregate solar Distributed Energy Resources (DERs) and to distribute power through the national grid. The platform utilises smart meters, real-time data analytics, and an energy trading system optimising energy generation, distribution and consumption. The VPP's net metering system allows solar asset owners to sell excess power and democratise renewable energy by enabling consumers to purchase clean power without significant upfront costs.

Outcome and Impact

The project aims to install and connect 682 residential and commercial smart meters and anticipates 5,175 power sharing transactions in services. The company will create 24 new jobs, with an emphasis on youth employment while also further enhancing female leadership positions.

Total project budget

EUR 667,021

EEP Africa financing

EUR 451,150



Relevant SDGs



d. Mobility projects

Zimi Charge



Company description

Zimi Charge is a locally led company, focusing on EV charging infrastructure and software systems. Their mission is to revolutionise transport and mobility through cost effective charging infrastructure, convenient payment solutions, sustainable energy management and advanced analytics.

Project summary

The project aims to implement a Vehicle-to-Grid (V2G) technology to enhance grid stability, optimise energy usage, and promote the adoption of electric vehicles in South Africa.

Technology

Mobility

Renewable energy source

Solar

Project type

Pilot

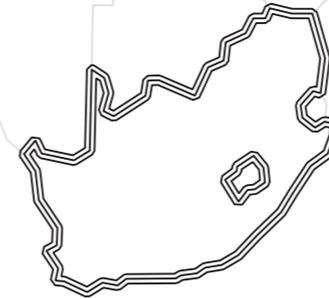
Vehicle-to-Grid-Integration of Electric Vehicles in South Africa

This project leverages V2G technology to allow electric vehicles (EVs) to draw power from and return surplus power to the grid, thereby transforming EVs into mobile energy storage units that enhance grid stability and optimise energy usage. More specifically, the project aims to demonstrate the capability of V2G systems to support grid stability by providing a buffer during peak demand periods, optimise energy usage within EV fleets, and reduce operational costs for fleet operators.

Outcome and Impact

The project aims to deploy 20 V2G-enabled charging stations, and with the potential to serve 27 vehicles. Additionally, they aim to sell 20 licenses for advanced energy management features.

Location
South Africa



Total project budget

EUR 400,291

EEP Africa financing

EUR 279,990

Relevant SDGs



Greenfoot Africa Limited

Greenfoot Africa

Company description

Greenfoot Africa Limited focuses on developing sustainable urban logistics solutions. Their flagship product, the ZELO Platform, integrates electric cargo bikes with fleet management software for efficient last-mile deliveries in Arusha, Tanzania.

Project summary

The project pilots the use of tech-enabled electric cargo bikes to provide logistics service providers and local businesses with a clean and cost-effective way to transport goods locally.

Technology

Mobility

Renewable energy source

Solar

Project type

Pilot

Electric Cargo Bike Platform for Sustainable Urban Logistics

Location
Tanzania

The project aims to transform logistics and local goods distribution in Arusha, by deploying 30 electric cargo bikes integrated with an intelligent fleet management system (the ZELO Platform) and establishing solar-powered operational hubs for charging and maintenance. The fleet management software will also enable rider-job matching and route optimisation, enhancing last-mile distribution efficiency.

Outcome and Impact

The project aims to deploy 30 electric cargo bikes, install three solar-powered battery charging stations, train 30 riders, and connect 90 local businesses to the ZELO Platform. Additionally, the company will create 35 new jobs, with all positions projected to go to youth while also further enhancing female leadership positions.



Total project budget
EUR 299,896

EEP Africa financing
EUR 209,700

Relevant SDGs



E-Ride Zambia



Company description

E-ride Zambia's mission is to develop robust and affordable electric motorcycles and battery packs, suitable for the challenging conditions in rural areas of Africa.

Project summary

E-Ride Zambia seeks to establish a mainstreamed e-mobility and battery backup service in Lusaka and Chupata.

Technology

Mobility

Renewable energy source

Solar

Project type

Pilot

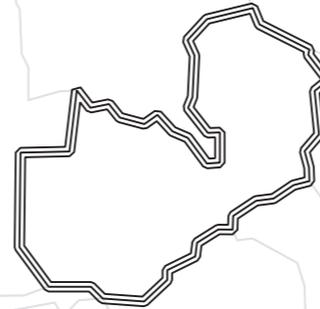
Dual Use of Solar Batteries in E-mobility and Productive Appliances in Zambia

Through this project, E-Ride Zambia will manufacture e-vehicles including battery packs and will create an onboarding service including finance option, maintenance, driver training, remote monitoring and battery pack swapping station networks for delivery services in Lusaka. They will replicate this approach tailored to the more rural setting of Chupata where users will be farmers or female marketeers who can dually use the solar battery packs for productive use.

Outcome and Impact

The project aims to sell 50 electric motorcycles, 5 electric three wheelers, 50 battery packs and 5 solar charging stations. Additionally, E-ride Zambia expects to undertake 50 battery pack repairs. The company will also further enhance female leadership positions.

Location
Zambia



Total project budget
EUR 370,194

EEP Africa financing
EUR 257,294



Relevant SDGs



Regenize



Company description

Regenize is a Cape Town-based company, dedicated to making waste recycling services more accessible and inclusive, particularly for those in low-income communities.

Project summary

The REACT project seeks to scale up an accessible, ethical and carbon-positive recycling model of Solarized Decentralised Recycling Hubs to prove the model is economically sustainable.

Technology

Mobility

Renewable energy source

Solar

Project type

Scale-up

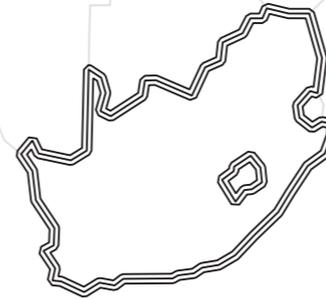
REACT – Accessible and Ethical Recycling Powered by Clean Energy

Regenize provides a free recycling collection service to households in low-income communities through integration of informal waste reclaimers in their system. Through this project, Regenize will establish and operate solar-powered decentralised recycling hubs, and will provide waste reclaimers with training, uniforms, access to clean recyclables, a fair income, infrastructure and equipment.

Outcome and Impact

The project aims to establish 28 solarized recycling hubs and anticipates registering 28,500 households for recycling collection services. Additionally, the company will create 162 new jobs with a focus on hiring women and youth.

Location
South Africa



Total project budget

EUR 1,215,870

EEP Africa financing

EUR 496,072

Relevant SDGs



Epsilon Energia Solar SA



Company description

Epsilon Energia Solar serves rural communities by increasing their access to affordable sources of energy by having expanded the range of products offered from only SHS on a PAYG basis to productive use and electric mobility solutions.

Project summary

Epsilon Energia Solar SA intends to help reduce the cost of transport within cities in Mozambique by introducing less polluting electric vehicles (two and three-wheelers) in the market.

Technology

Mobility

Renewable energy source

Solar

Project type

Pilot

Electric Mobility Mozambique

This project will procure batteries, sell and lease electric vehicles, and set up multiple swapping stations in Maputo, Mozambique, which is a nascent market for electric mobility.

Outcome and Impact

The project will sell and lease 50 electric motorbikes, 30 three-wheelers, which will be served by five charging stations. Additionally, the company will create 30 new jobs, with an emphasis on youth employment.

Location
Mozambique

Total project budget
EUR 517,038

EEP Africa financing
EUR 332,492



Relevant SDGs



Stima Mobility Limited



Company description

Stima Mobility Limited is a technology start-up created and registered in Kenya, building Software-as-a-Service (SaaS) for battery fleet management in Africa.

Project summary

The project is piloting a battery fleet management software to help their current and future clients scale-up e-motorcycle fleets in Kenya and Africa.

Technology

Mobility

Renewable energy source

Solar

Project type

Pilot

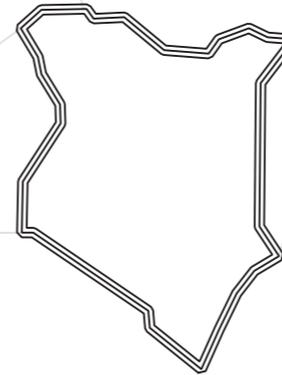
Battery Fleet Management SaaS in Kenya

Location
Kenya

Through this project, Stima Mobility Limited will develop and deploy four new modules of their battery fleet management software. These modules leverage advanced analytics of battery data collected via IoT (Internet of Things) and aim at solving some of the biggest challenges that e-mobilities companies in Africa are currently facing: tracking battery performance and battery quality of real-time fleet data.

Outcome and Impact

Stima Mobility Limited aims to connect 2,591 batteries under management to their battery fleet management software and will create three new jobs while also further enhancing female leadership positions.



Total project budget

EUR 542,900

EEP Africa financing

EUR 380,030

Relevant SDGs



e. Energy efficiency & storage projects

Kijani Testing Limited



Company description

Kijani Testing Limited is a women-owned company, offering market testing and quality assurance services to manufacturers of PURE products and appliances.

Project summary

Kijani Testing aims to enhance the benefits that end users of PURE products and appliances gain from adopting these technologies by incorporating target market input into the product development cycle, engaging and supporting product manufacturers in adhering to prescribed quality standards for PURE products, and assisting distributors in developing, improving, and honouring their after-sales warranties.

Technology

Energy efficiency and storage

Renewable energy source

Solar

Project type

Scale-up

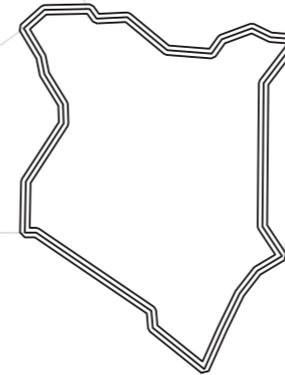
Enhancing Longevity of Productive Use of Energy Appliances in Kenya

Location
Kenya

The project aims to support PUE product manufacturers in the product development cycle through offering field and market testing services with a focus on, enhancing the quality and longevity of the appliances. In addition, the project will provide repair services to consumers, thereby increasing product lifespan and reducing e-waste.

Outcome and Impact

The project will install six test sites, support 1,400 customers with last mile repair services, and establish service agreements with 20 PURE product manufacturers and distributors. Additionally, the company will create 17 new jobs, with half of the positions projected to go to youth and women while also further enhancing female leadership positions.



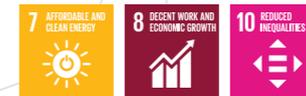
Total project budget

EUR 290,306

EEP Africa financing

EUR 200,000

Relevant SDGs



f. Residential electricity access projects

Masontsika



Company description

Masontsika is a social enterprise in Madagascar created in 2021 with the mission to electrify Madagascar.

Project summary

Masontsika's project is to distribute Solar Home Systems (SHS) and creating new 'Bazarys' (power hubs) which will have systems for lamp renting and phone charging. Among the new bazarys, 120 lamp rental systems will be distributed and installed, each system providing 60 torches for daily rental. 10 Bazarys will have a cold storage unit to offer cold storage services. The Bazarys will become a one stop location where Malagasy people can fulfil their energy needs.

Technology

Residential electricity access

Renewable energy source

Solar

Project type

Scale-up

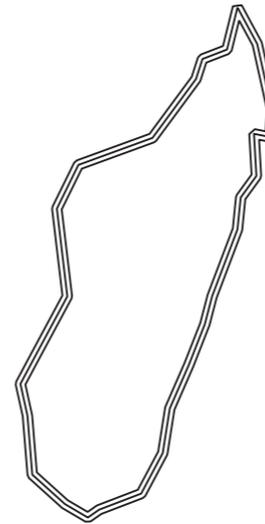
Masontsika Madagascar – SHS and Bazary Power Hub

Through this project, Masontsika will address fundamental needs of local communities by distributing SHS and creating new Bazarys for lamp renting, phone charging and cold storage services through a hybrid business model of PAYG and Energy-as-a-Service (EaaS).

Outcome and Impact

The project will sell 1,000 Omnivoltaic L190 SHS, each with a 2.2W solar panel, and 1,500 Omnivoltaic M400x SHS, each with a 6W solar panel. Additionally, Masontsika anticipates to provide 10,350 cold storage and phone charging services through solar freezers and charging slots, alongside 24,000 lamp rentals at the Bazarys. The company will create 60 new jobs, with over half of the positions projected to go to youth and women.

Location
Madagascar



Total project budget

EUR 450,000

EEP Africa financing

EUR 314,980

Relevant SDGs



Mahlaseli Energy



Company description

Mahlaseli Energy is a renewable energy company providing solar off-grid solutions for water reticulation and electrification in Lesotho.

Project summary

Mahlaseli Energy intends to improve access to energy for rural off-grid communities through the distribution of PAYG SHS and pico-solar lights in Lesotho.

Technology

Residential electricity access

Renewable energy source

Solar

Project type

Pilot

Mahlaseli Solar PayGo Systems

Location
Lesotho

Through this project, Mahlaseli Energy will distribute SHS and pico-solar lights which will enable rural off-grid communities in Lesotho to power lights, charge mobile phones, and run small appliances. Additionally, Mahlaseli Energy will set up a distribution network of various retail shops in underserved countries and establish a rural warehouse for storage.

Outcome and Impact

The project will deploy 433 Spark Solar Home Systems and 2,400 d.light solar products, improving access to clean electricity for approximately 9,600 people in off-grid communities in Lesotho. The project will also strengthen rural distribution networks and create 26 new jobs, with a focus on youth employment.



Total project budget

EUR 285,161

EEP Africa financing

EUR 200,000

Relevant SDGs



Moon SAS



Company description

Moon SAS is specialized in designing, developing, and commercialising SHS solutions which are deployed by subsidiaries or partners in target countries, leveraging Energy-as-a-Service (EaaS).

Project summary

The project establishes a sustainable AssetCo to deploy Solar Home Systems to rural households in Madagascar utilising the EaaS model with local partner Anka for installation and maintenance.

Technology

Residential electricity access

Renewable energy source

Solar

Project type

Pilot

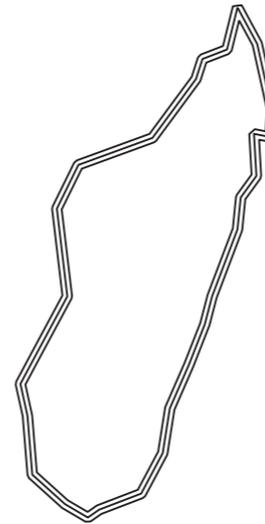
Universal Access to Solar Energy in Madagascar

Moon SAS provides reliable and affordable energy to rural households in the Atsimo-Andrefana region of Madagascar through the deployment of SHS with repairable and long-lasting batteries and smart communication capabilities. The EaaS business model will allow households to access solar energy through a fee-for-service arrangement, reducing financial barriers. To achieve this, Moon SAS will establish Moon Madagascar, a new entity (AssetCo), responsible for procuring assets and collecting customer payments.

Outcome and Impact

The project aims to deploy 5,000 SHS, providing clean energy access to 23,000 people. Additionally, the company will create 11 new jobs.

Location
Madagascar



Total project budget
EUR 475,451

EEP Africa financing
EUR 332,816

Relevant SDGs



g. Clean cooking projects

Feion Green Ventures Limited



Company description

Feion Green Ventures Limited is a Kenyan start-up focused on clean cooking solutions for institutional use, leveraging advanced electric pressure-cooking technology.

Project summary

Feion Green Ventures Limited seeks to deploy Jiko-Kul Institutional Electric Pressure Cookers (EPCs) in a pilot program aimed at conducting technology and business model testing, focusing on affordability, usability, and adaptability in schools.

Technology

Clean cooking

Renewable energy source

Solar

Project type

Pilot

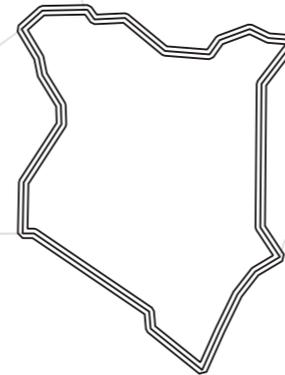
Transforming Kenyan School Kitchens with E-cookers

Location
Kenya

This project aims to revolutionise school cooking in Lower Eastern and Northern Kenyan counties by deploying large-scale institutional EPCs. These EPCs are expected to reduce operational costs by over 60% and cooking time by 70%. To determine the most effective business model for scaling, Feion Green Ventures will explore cash sales, lease-to-own and PAYGO options. Additionally, kitchen staff will be trained to ensure efficient operation and maintenance of the cookers, and implement data collection systems to monitor performance, energy consumption and user satisfaction allowing for continuous optimisation.

Outcome and Impact

Feion Green Ventures Limited aims to sell 60 EPCs with a 50L to 500L capacity, providing clean energy access to 1,500 people.



Total project budget
EUR 420,462

EEP Africa financing
EUR 293,350

Relevant SDGs



Planet Green Africa



Company description

Planet Green Africa is founded and led by two Malawian women, making briquettes from repurposed agricultural waste for those at the bottom of the pyramid in Southern Malawi.

Project summary

Planet Green Africa will scale their Malawian briquetting business from 100 tonnes to 2500 tonnes annually using repurposed agricultural waste. The company uses a network of female distributors agents who sell their briquettes back to the communities.

Technology

Clean cooking

Renewable energy source

Biomass

Project type

Scale-up

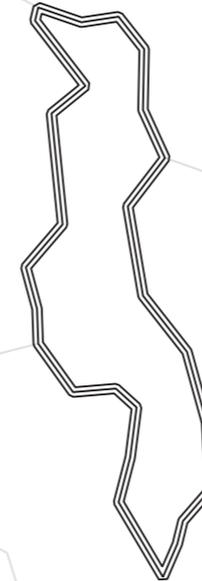
Malawi Briquetting

Through this project, Planet Green Africa will scale its biomass briquettes production which offers a clean, eco-friendly cooking alternative to wood or charcoal. Sales will target various sectors, including a large-scale school feeding program run by an INGO, the poultry industry and domestic households. A network of female distribution agents will facilitate sales within their communities.

Outcome and Impact

The project will sell 3,325 tonnes of briquettes to households and institutions and will create 77 new jobs with a focus on women.

Location
Malawi



Total project budget
EUR 370,648

EEP Africa financing
EUR 249,998

Relevant SDGs



SmartPika Limited



Company description

SmartPika Limited is a Tanzanian clean-tech start-up, selling Electric Pressure Cookers (EPC) through PAYG technology, enabling low-middle income people to own a modern cooking appliance through flexible instalment payments.

Project summary

SmartPika Limited is selling zero-emission EPCs through a lease-to-own model to 8,500 households displacing to use of firewood and charcoal.

Technology

Clean cooking

Renewable energy source

National grid (hydro)

Project type

Pilot

Tanzania First PAYG EPCs Project

Location
Tanzania

Through this project, SmartPika will be piloting marketing EPCs on a lease-to-own model, a solution that utilises intelligent electric cooking appliance and mobile payment technology. SmartPika will leverage its existing distribution networks to reach customers, reducing client churn and improve user experience.

Outcome and Impact

The project aims to deploy 8,500 EPCs with a capacity of 6L, providing clean cooking solutions to 36,550 people. Additionally, SmartPika Limited will create 14 new jobs, with an emphasis on youth and female employment.

Total project budget
EUR 538,049

EEP Africa financing
EUR 300,000



Relevant SDGs



Clean Cooking and Energy AS



CLEAN COOKING
& ENERGY

Company description

Clean Cooking and Energy AS is a Norwegian company, operating in Madagascar through the local company Renew Life SARLU. They supply bioethanol from renewable feedstock in combination with high quality cookstoves.

Project summary

The project will establish a vertically-integrated ethanol cookstove value chain in Madagascar to reduce the costs of clean cooking for Malagasy households.

Technology

Clean cooking

Renewable energy source

Biofuels (ethanol)

Project type

Scale-up

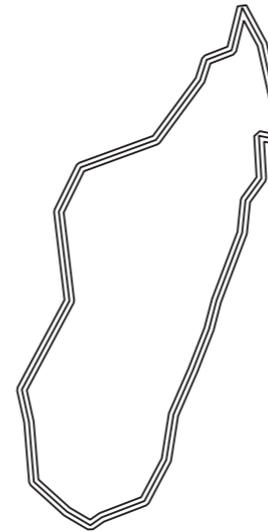
Integrated Clean Cooking Value Chain in Madagascar

This project will accelerate the transition from charcoal cookstoves to clean cooking ethanol stoves in Madagascar by establishing local stove production and expanding the network of micro-distilleries, which are automated and cloud-linked for remote monitoring and production management.

Outcome and Impact

The project aims to sell 20,000 ethanol cookstoves, with 10,000 of these locally assembled in Madagascar, and 500,000 litres of ethanol fuel, of which 300,000 litres will be locally produced. Additionally, the company will create 41 new jobs, with a focus on youth.

Location
Madagascar



Total project budget

EUR 1,767,468

EEP Africa financing

EUR 745,200

Relevant SDGs



PORTFOLIO BY COUNTRY

Burundi

G-HiTech [21]

Kenya

Drop Access Limited [09], Stima Mobility Limited [28], Kijani Testing Limited [29], Feion Green Ventures Limited [33]

Lesotho

Mahlaseli Energy [31]

Madagascar

Africa GreenTec Madagascar SARLU [19], Masontsika [30], Moon SAS [32], Clean Cooking and Energy AS [36]

Malawi

Green Impact Technologies Limited [17], Community Energy Malawi Trading Limited [20], Planet Green Africa [34]

Mozambique

Uranus Solar Limited [11], Gommyr Power Networks Limited [13], Epsilon Energia Solar SA [27]

Regional

Green Impact Technologies Limited [17]

Rwanda

Toto Safi Limited [10], TRUK Rwanda Limited [18]

South Africa

Zimi Charge [23], Regenize [26]

Tanzania

Jaza Energy [15], Greenfoot Africa Limited [24], SmartPika Limited [35]

Zambia

Little Sun Zambia Limited [12], RDG Collective Limited [16], Green Impact Technologies Limited [17], E-Ride Zambia [25]

Zimbabwe

NeedEnergy [22]

PORTFOLIO BY RENEWABLE ENERGY SOURCE

Biofuel

Clean Cooking and Energy AS [36]

Biomass

Planet Green Africa [34]

Hydro

SmartPika Limited [35]

Solar

Drop Access Limited [09], Toto Safi Limited [10], Uranus Solar Limited [11], Little Sun Zambia Limited [12], Gommyr Power Networks Limited [13], Wenashe Logistics/Farms [14], Jaza Energy [15], RDG Collective Limited [16], Green Impact Technologies Limited [17], TRUK Rwanda Limited [18], Africa GreenTec Madagascar SARLU [19], Community Energy Malawi Trading Limited [20], G-HiTech [21], NeedEnergy [22], Zimi Charge [23], Greenfoot Africa Limited [24], E-Ride Zambia [25], Regenize [26], Epsilon Energia Solar SA [27], Stima Mobility Limited [28], Kijani Testing Limited [29], Masontsika [30], Mahlaseli Energy [31], Moon SAS [32], Feion Green Ventures Limited [33]

PORTFOLIO BY TECHNOLOGY

Clean cooking

Feion Green Ventures Limited [33], Planet Green Africa [34], SmartPika Limited [35], Clean Cooking and Energy AS [36]

Energy efficiency & storage

Kijani Testing Limited [29]

Mini-grid

Africa GreenTec Madagascar SARLU [19], Community Energy Malawi Trading Limited [20], G-HiTech [21]

Mobility

Zimi Charge [23], Greenfoot Africa Limited [24], E-Ride Zambia [25], Regenize [26], Epsilon Energia Solar SA [27], Stima Mobility Limited [28]

Power generation

NeedEnergy [22]

Productive use of energy

Drop Access Limited [09], Toto Safi Limited [10], Uranus Solar Limited [11], Little Sun Zambia Limited [12], Gommyr Power Networks Limited [13], Wenashe Logistics/Farms [14], Jaza Energy [15], RDG Collective Limited [16], Green Impact Technologies Limited [17], TRUK Rwanda Limited [18]

Residential electricity access

Masontsika [30], Mahlaseli Energy [31], Moon SAS [32]



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